

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082892.D
 Acq On : 12 Jul 2024 12:05
 Operator : JC\MD
 Sample : VN0712WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/15/2024
 Supervised By : Mahesh Dadoda 07/15/2024

Quant Time: Jul 15 01:08:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.229	168	131327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	221724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	203194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	95709	51.989	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.980%			
35) Dibromofluoromethane	8.171	113	73756	51.841	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.680%			
50) Toluene-d8	10.565	98	269406	51.268	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.540%			
62) 4-Bromofluorobenzene	12.847	95	89415	47.370	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 94.740%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	32235	18.959	ug/l	94
3) Chloromethane	2.365	50	28380	17.601	ug/l	100
4) Vinyl Chloride	2.518	62	28017	16.544	ug/l	96
5) Bromomethane	2.959	94	18652	15.276	ug/l	95
6) Chloroethane	3.124	64	20768	17.921	ug/l	100
7) Trichlorofluoromethane	3.494	101	40622	16.678	ug/l	96
8) Diethyl Ether	3.959	74	13918	16.697	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.371	101	25553	18.537	ug/l	97
10) Methyl Iodide	4.589	142	21154	14.968	ug/l	97
11) Tert butyl alcohol	5.524	59	25411	82.068	ug/l	98
12) 1,1-Dichloroethene	4.341	96	22322	16.650	ug/l	85
13) Acrolein	4.183	56	21276	95.174	ug/l	97
14) Allyl chloride	5.024	41	40826	19.531	ug/l	89
15) Acrylonitrile	5.724	53	65671	92.288	ug/l	99
16) Acetone	4.424	43	53732	82.901	ug/l	94
17) Carbon Disulfide	4.718	76	69218	17.278	ug/l	99
18) Methyl Acetate	5.030	43	32136	18.738	ug/l #	89
19) Methyl tert-butyl Ether	5.794	73	83318	18.017	ug/l	95
20) Methylene Chloride	5.277	84	29155	18.626	ug/l	84
21) trans-1,2-Dichloroethene	5.788	96	25664	17.667	ug/l	90
22) Diisopropyl ether	6.677	45	86506	19.781	ug/l	97
23) Vinyl Acetate	6.606	43	340151	97.946	ug/l	95
24) 1,1-Dichloroethane	6.571	63	52364	19.740	ug/l	97
25) 2-Butanone	7.488	43	88181	90.103	ug/l	93
26) 2,2-Dichloropropane	7.488	77	46367	18.800	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	30887	18.162	ug/l	91
28) Bromochloromethane	7.818	49	25342	22.270	ug/l	88
29) Tetrahydrofuran	7.841	42	58621	95.145	ug/l	89
30) Chloroform	7.971	83	55143	19.595	ug/l	99
31) Cyclohexane	8.259	56	42347	17.595	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	49561	18.969	ug/l	93
36) 1,1-Dichloropropene	8.371	75	37029	18.877	ug/l	99
37) Ethyl Acetate	7.565	43	36899	18.476	ug/l #	94
38) Carbon Tetrachloride	8.359	117	42737	18.095	ug/l	94
39) Methylcyclohexane	9.600	83	35949	16.966	ug/l	96
40) Benzene	8.606	78	115209	19.094	ug/l	99

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Quant Time: Jul 15 01:08:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	19412	18.042	ug/l	94
42) 1,2-Dichloroethane	8.671	62	42261	19.455	ug/l	98
43) Isopropyl Acetate	8.688	43	65141	15.236	ug/l #	93
44) Trichloroethene	9.353	130	27218	17.607	ug/l	93
45) 1,2-Dichloropropane	9.624	63	27583	19.580	ug/l	97
46) Dibromomethane	9.712	93	21092	19.219	ug/l	99
47) Bromodichloromethane	9.888	83	43319	19.104	ug/l	97
48) Methyl methacrylate	9.682	41	28502	18.201	ug/l	90
49) 1,4-Dioxane	9.700	88	11617	336.077	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	188412	95.164	ug/l	94
52) Toluene	10.629	92	72266	19.173	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	42352	18.130	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	45756	18.505	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	26831	19.358	ug/l	97
56) Ethyl methacrylate	10.870	69	40592	18.824	ug/l	89
57) 1,3-Dichloropropane	11.165	76	46808	19.079	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	106449	96.204	ug/l	98
59) 2-Hexanone	11.194	43	139634	94.860	ug/l	97
60) Dibromochloromethane	11.359	129	33169	18.789	ug/l	97
61) 1,2-Dibromoethane	11.470	107	27289	18.540	ug/l	96
64) Tetrachloroethene	11.106	164	26944	17.773	ug/l	99
65) Chlorobenzene	11.888	112	78741	18.084	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	28046	18.109	ug/l	98
67) Ethyl Benzene	11.965	91	128958	17.622	ug/l	98
68) m/p-Xylenes	12.070	106	99287	35.937	ug/l	97
69) o-Xylene	12.400	106	46478	17.557	ug/l	97
70) Styrene	12.412	104	80648	18.438	ug/l	99
71) Bromoform	12.576	173	22073	18.122	ug/l #	99
73) Isopropylbenzene	12.694	105	117180	17.264	ug/l	99
74) N-amyl acetate	12.494	43	51337	18.285	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	38300	18.841	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	34243m	21.263	ug/l	
77) Bromobenzene	12.982	156	30588	17.468	ug/l	97
78) n-propylbenzene	13.035	91	136220	17.455	ug/l	98
79) 2-Chlorotoluene	13.123	91	87636	17.624	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	98161	17.891	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	13688m	16.716	ug/l	
82) 4-Chlorotoluene	13.223	91	86804	17.637	ug/l	99
83) tert-Butylbenzene	13.441	119	81473	16.750	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	99242	17.747	ug/l	99
85) sec-Butylbenzene	13.617	105	113031	17.196	ug/l	99
86) p-Isopropyltoluene	13.729	119	90507	16.504	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	54645	17.275	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	54765	16.741	ug/l	99
89) n-Butylbenzene	14.059	91	75726	16.118	ug/l	98
90) Hexachloroethane	14.335	117	19365	16.688	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	52418	17.067	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8114	17.253	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	25757	15.569	ug/l	99
94) Hexachlorobutadiene	15.500	225	11825	16.124	ug/l	97
95) Naphthalene	15.641	128	82673	14.590	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	25749	15.137	ug/l	98

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Instrument :
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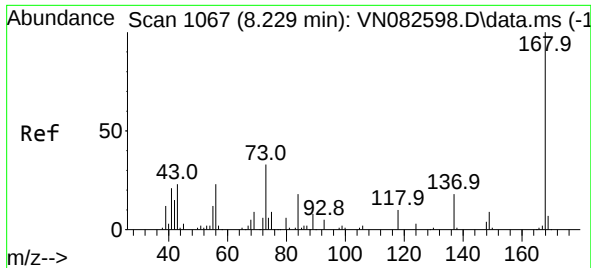
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

Quant Time: Jul 15 01:08:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

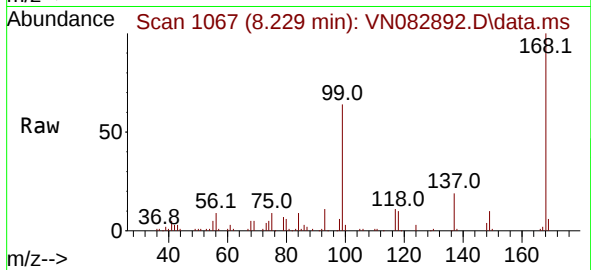
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN082892.D
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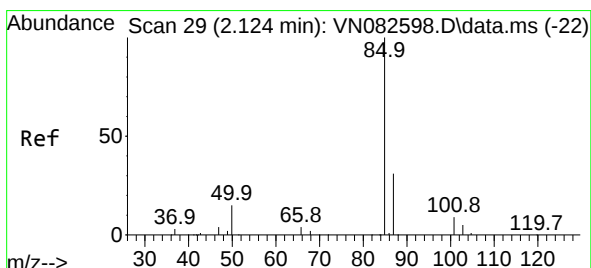
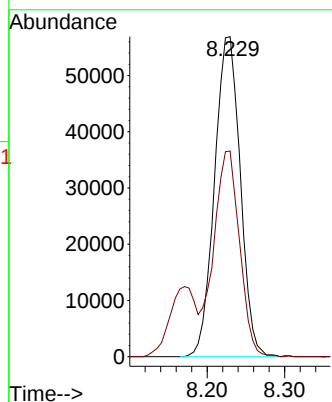
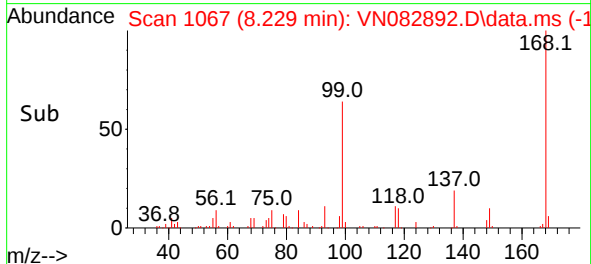
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01



Tgt Ion:168 Resp: 13132
Ion Ratio Lower Upper
168 100
99 64.3 48.2 72.4

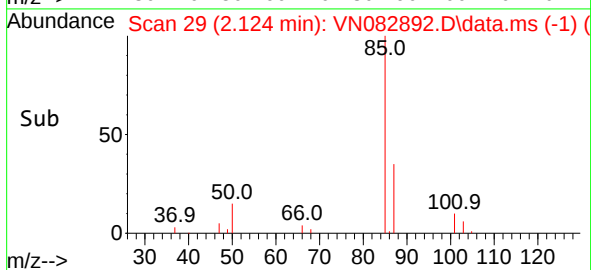
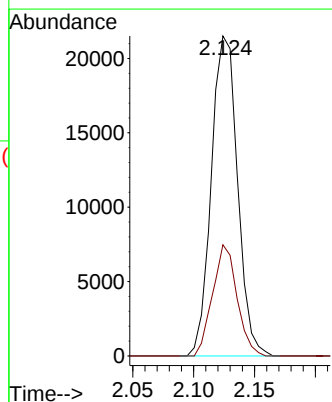
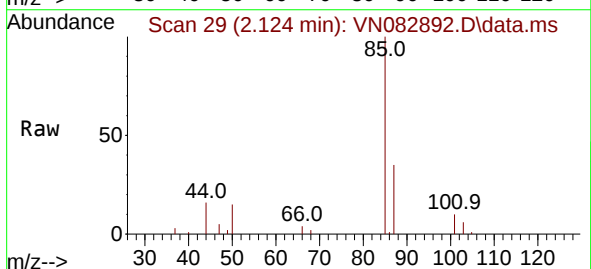
Manual Integrations
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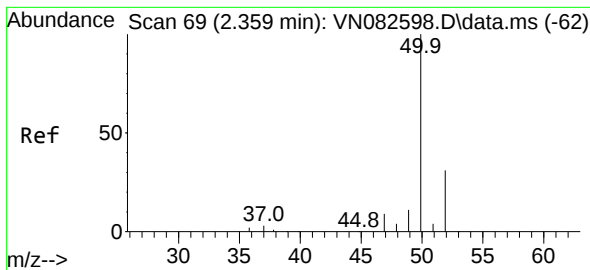
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#2
Dichlorodifluoromethane
Concen: 18.959 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

Tgt Ion: 85 Resp: 32235
Ion Ratio Lower Upper
85 100
87 34.7 15.7 47.0





#3

Chloromethane

Concen: 17.601 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBS01

Tgt Ion: 50 Resp: 28380

Ion Ratio Lower Upper

50 100

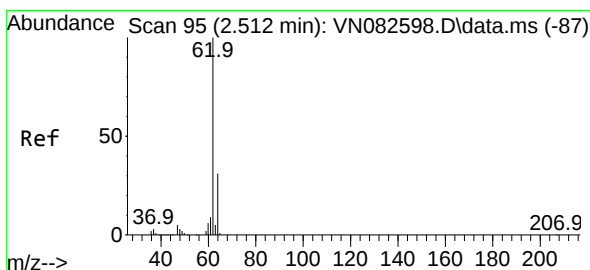
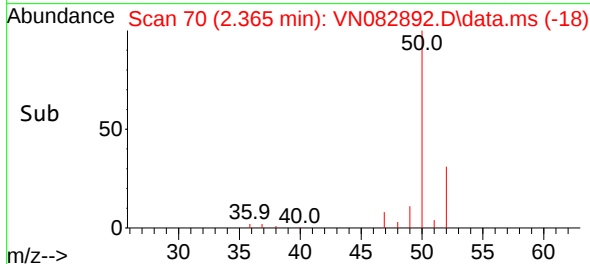
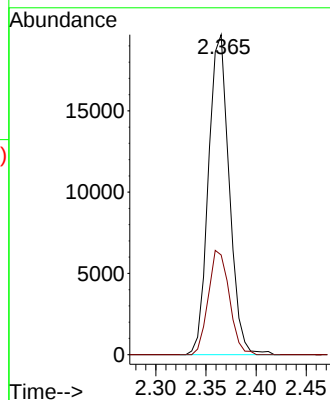
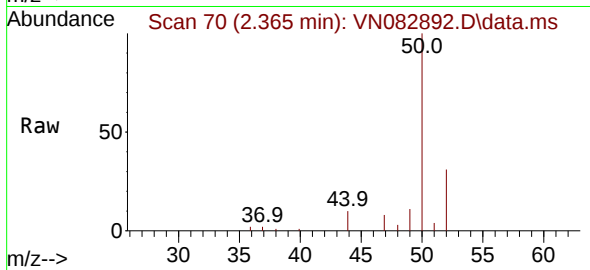
52 31.1 25.0 37.4

Manual Integrations

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Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#4

Vinyl Chloride

Concen: 16.544 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN082892.D

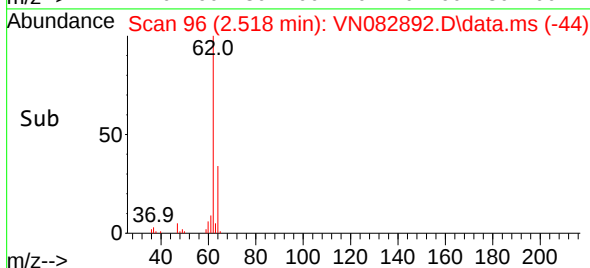
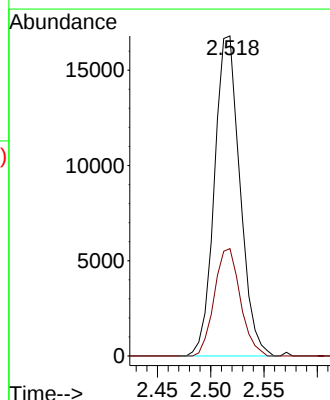
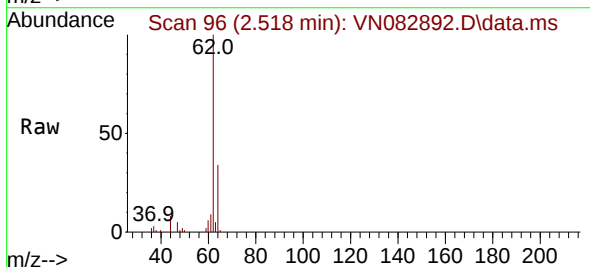
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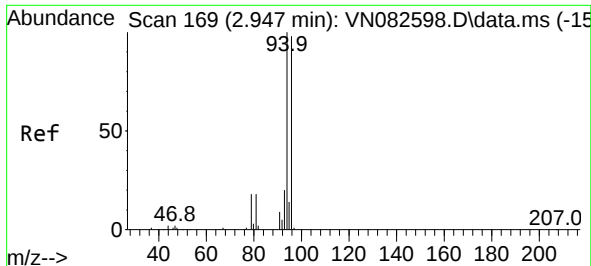
Tgt Ion: 62 Resp: 28017

Ion Ratio Lower Upper

62 100

64 33.6 25.0 37.6





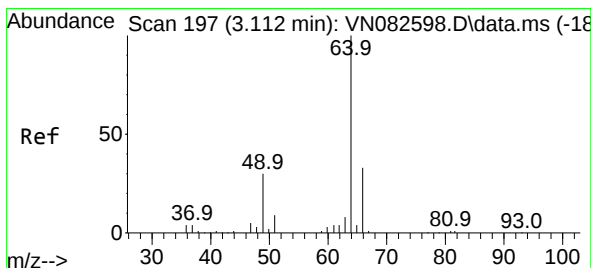
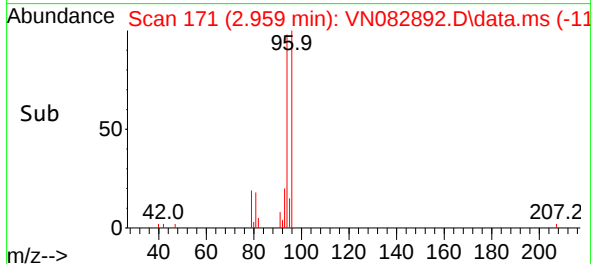
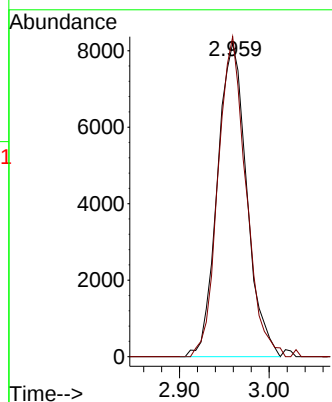
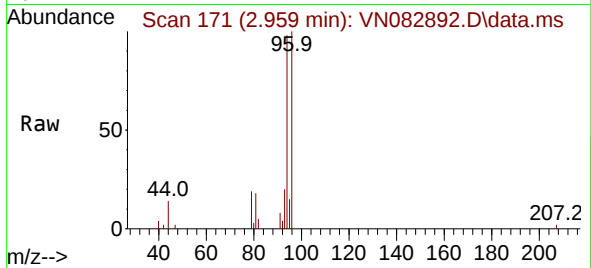
#5
Bromomethane
Concen: 15.276 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

Instrument :
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Tgt Ion: 94 Resp: 1865
Ion Ratio Lower Upper
94 100
96 102.1 78.0 117.0

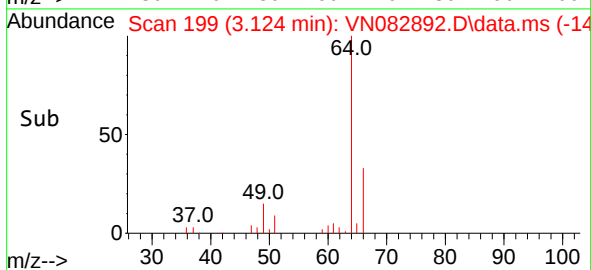
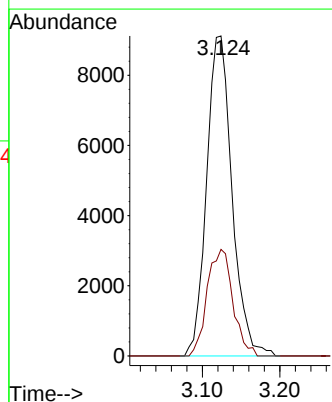
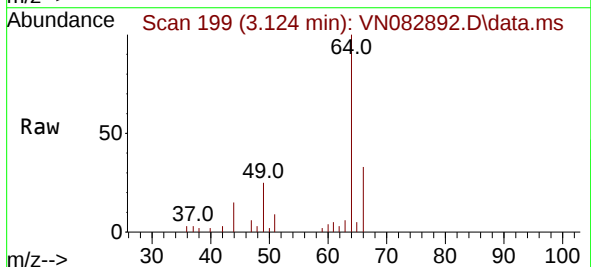
Manual Integrations
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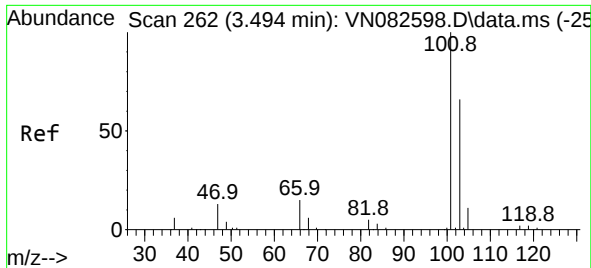
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#6
Chloroethane
Concen: 17.921 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

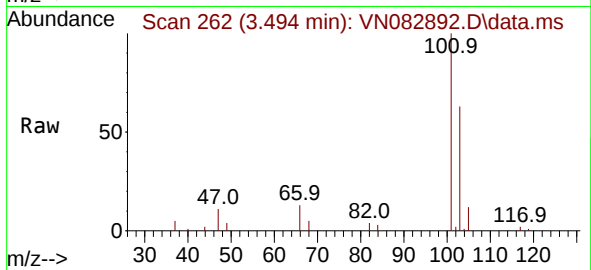
Tgt Ion: 64 Resp: 20768
Ion Ratio Lower Upper
64 100
66 33.3 26.6 40.0





#7
 Trichlorofluoromethane
 Concen: 16.678 ug/l
 RT: 3.494 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082892.D
 Acq: 12 Jul 2024 12:05

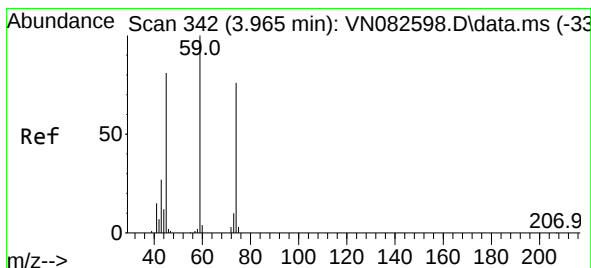
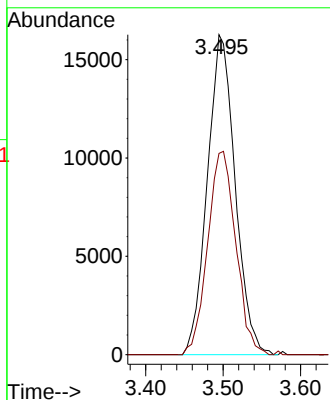
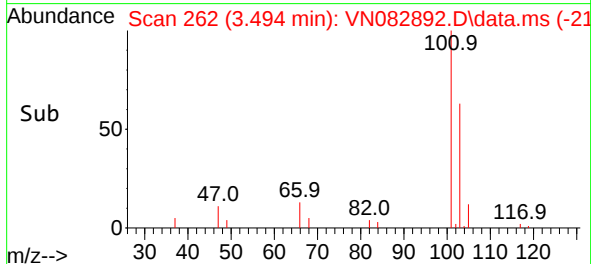
Instrument :
 MSVOA_N
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 VN0712WBS01



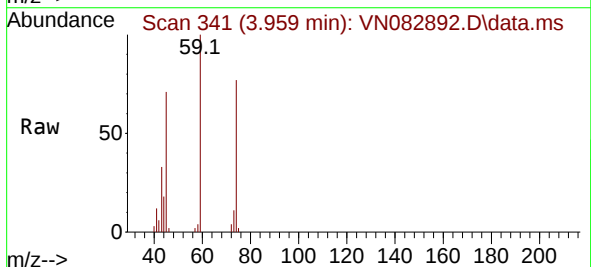
Tgt Ion:101 Resp: 4062
 Ion Ratio Lower Upper
 101 100
 103 62.9 52.7 79.1

Manual Integrations
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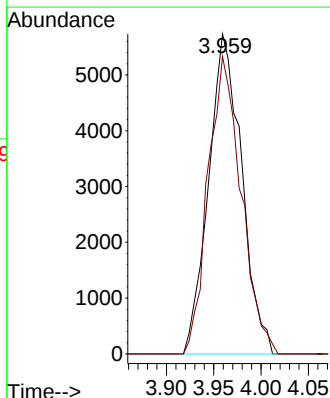
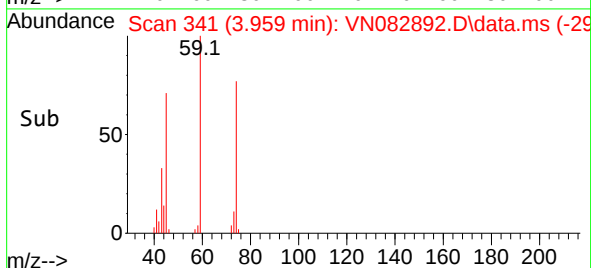
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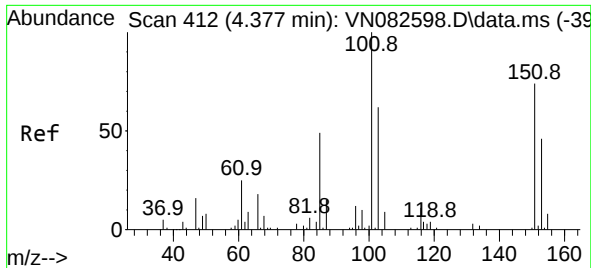


#8
 Diethyl Ether
 Concen: 16.697 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN082892.D
 Acq: 12 Jul 2024 12:05



Tgt Ion: 74 Resp: 13918
 Ion Ratio Lower Upper
 74 100
 45 92.8 55.5 166.3





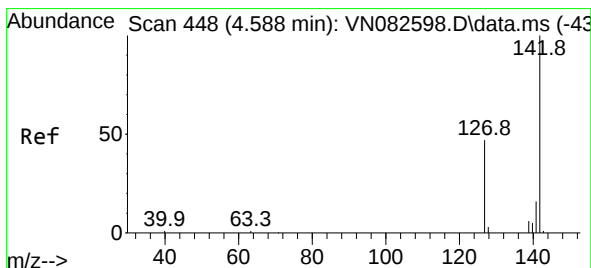
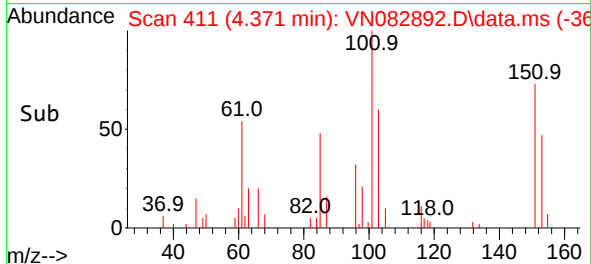
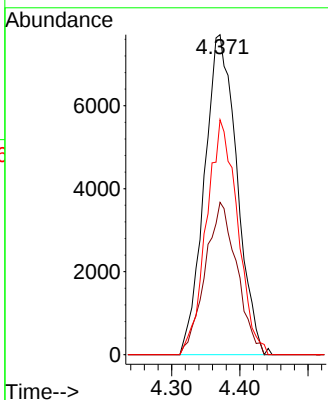
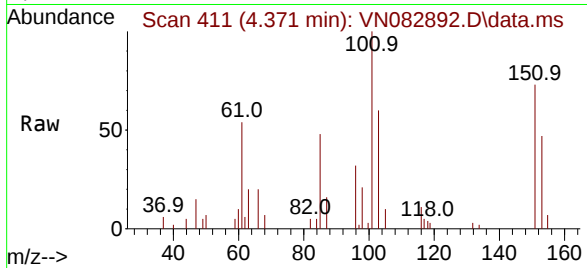
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.537 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

Tgt Ion:101 Resp: 2555
Ion Ratio Lower Upper
101 100
85 46.5 38.3 57.5
151 70.4 59.3 88.9

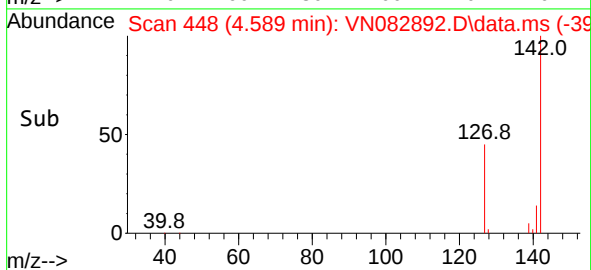
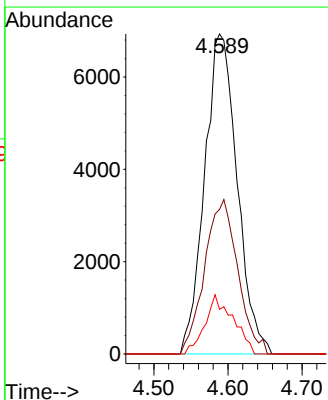
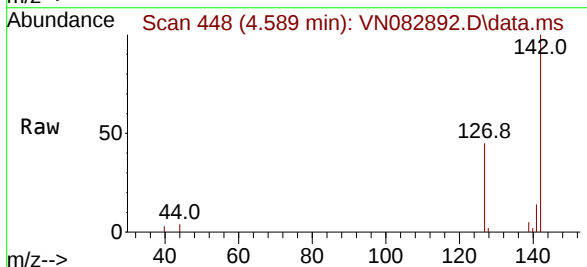
Manual Integrations
APPROVED

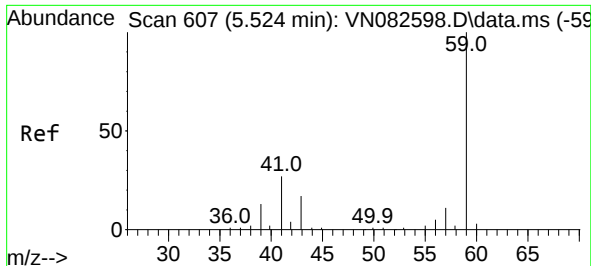
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#10
Methyl Iodide
Concen: 14.968 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

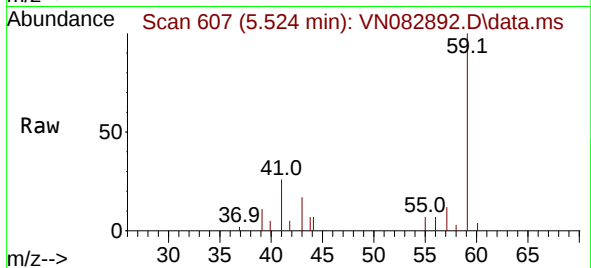
Tgt Ion:142 Resp: 21154
Ion Ratio Lower Upper
142 100
127 45.2 37.5 56.3
141 13.9 13.1 19.7





#11
Tert butyl alcohol
Concen: 82.068 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

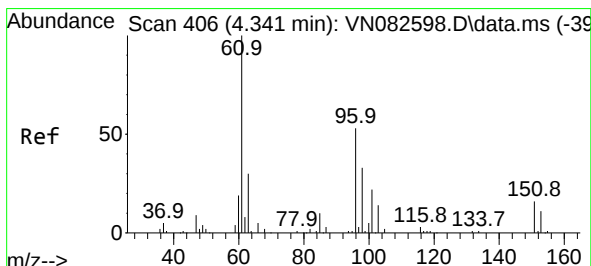
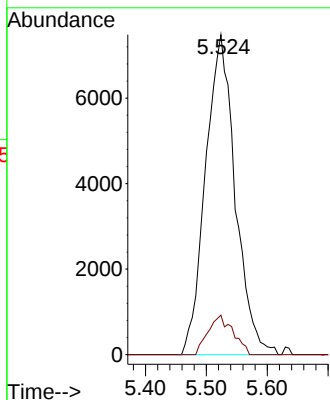
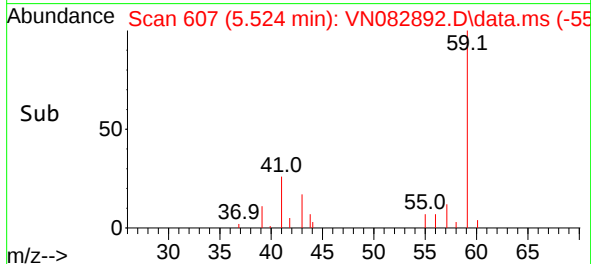
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01



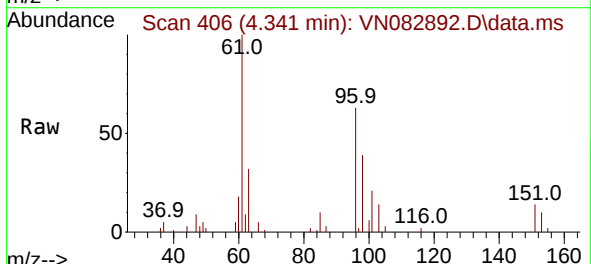
Tgt Ion: 59 Resp: 2541
Ion Ratio Lower Upper
59 100
57 10.3 8.9 13.3

Manual Integrations
APPROVED

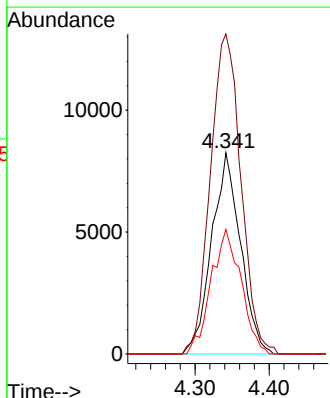
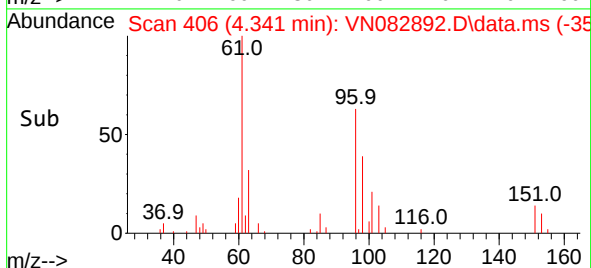
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

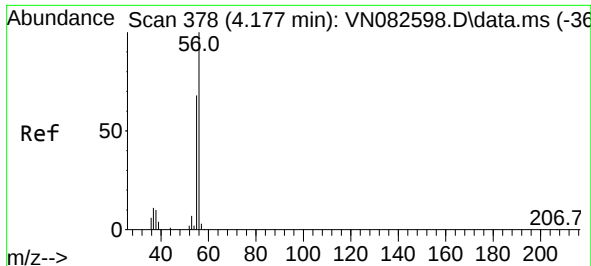


#12
1,1-Dichloroethene
Concen: 16.650 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05



Tgt Ion: 96 Resp: 22322
Ion Ratio Lower Upper
96 100
61 159.1 149.7 224.5
98 61.9 50.1 75.1





#13

Acrolein

Concen: 95.174 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBS01

Tgt Ion: 56 Resp: 21270

Ion Ratio Lower Upper

56 100

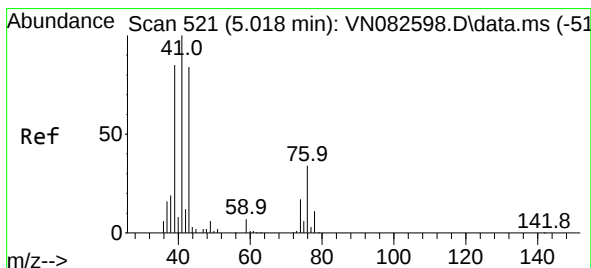
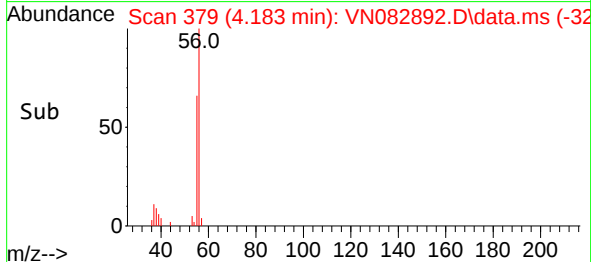
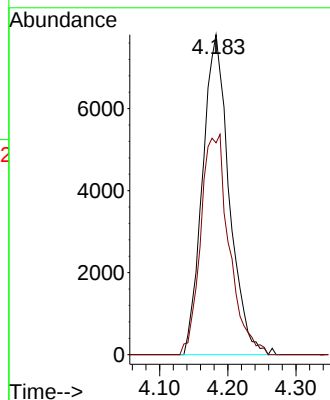
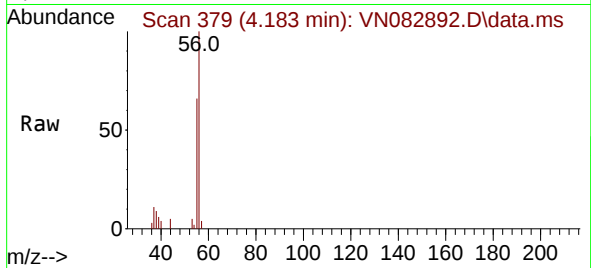
55 73.3 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#14

Allyl chloride

Concen: 19.531 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

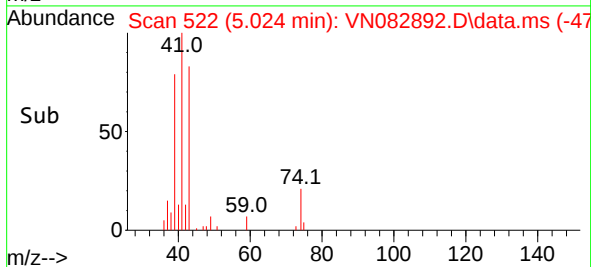
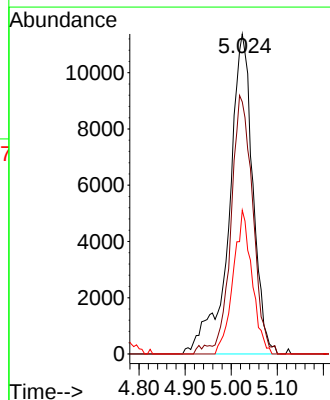
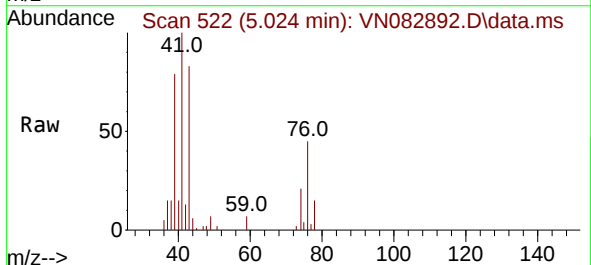
Tgt Ion: 41 Resp: 40826

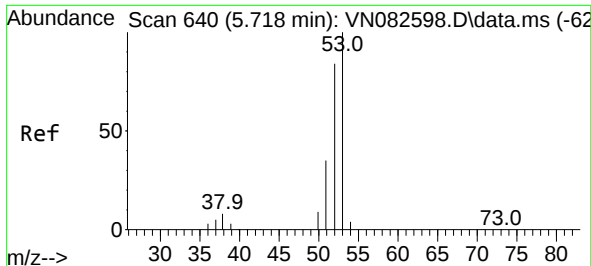
Ion Ratio Lower Upper

41 100

39 72.8 67.8 101.6

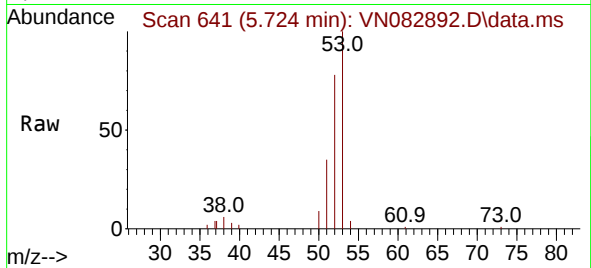
76 35.5 25.8 38.8





#15
Acrylonitrile
Concen: 92.288 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

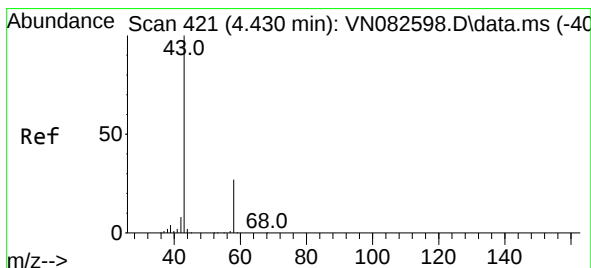
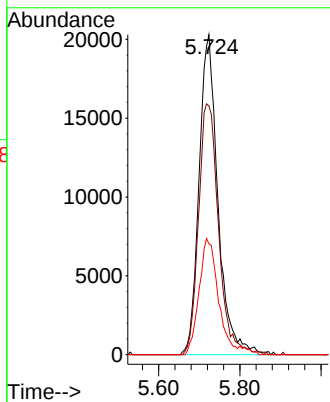
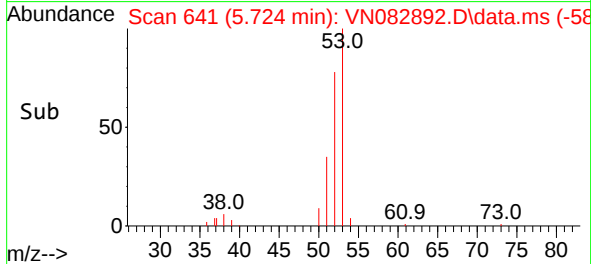
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01



Tgt Ion: 53 Resp: 6567
Ion Ratio Lower Upper
53 100
52 82.5 66.6 100.0
51 36.6 30.1 45.1

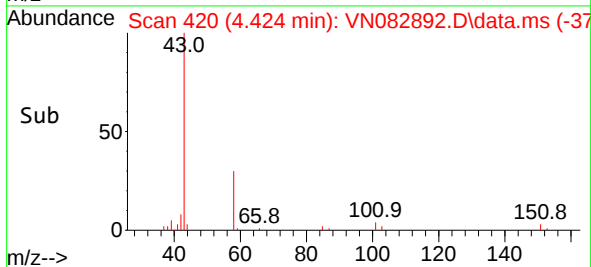
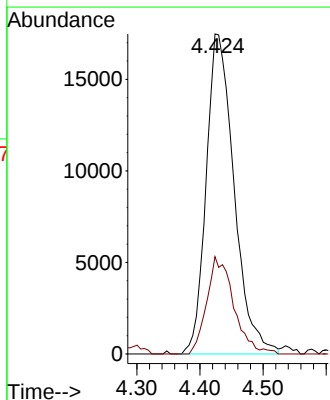
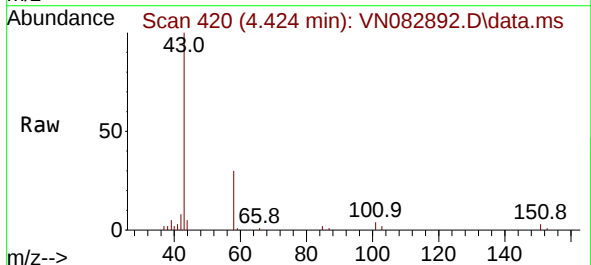
Manual Integrations
APPROVED

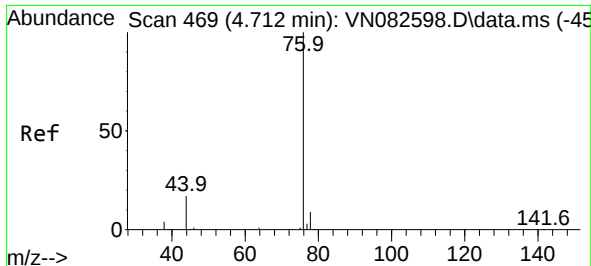
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#16
Acetone
Concen: 82.901 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

Tgt Ion: 43 Resp: 53732
Ion Ratio Lower Upper
43 100
58 30.4 21.8 32.6





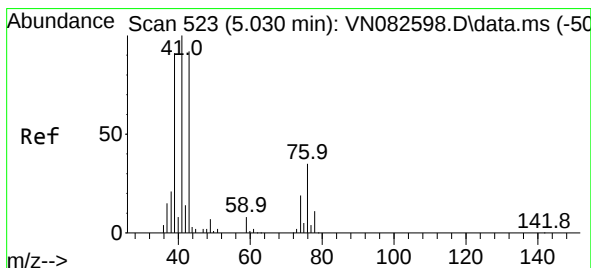
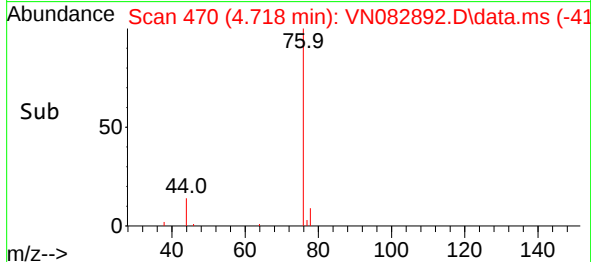
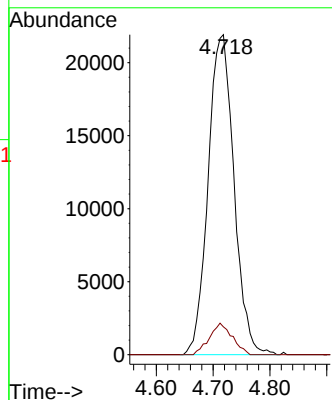
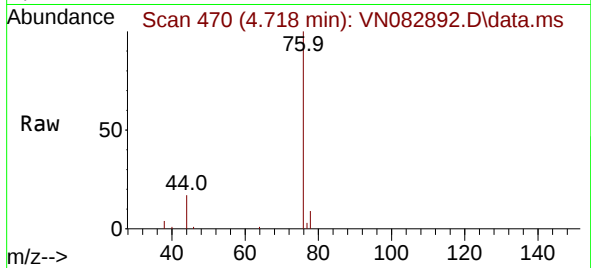
#17
Carbon Disulfide
Concen: 17.278 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

Tgt Ion: 76 Resp: 69218
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

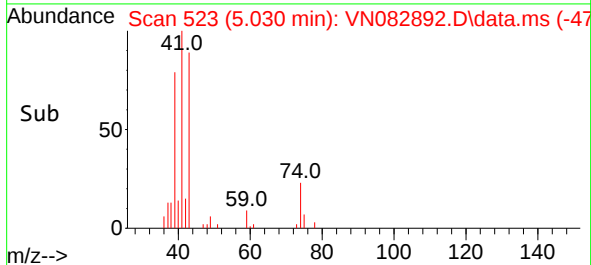
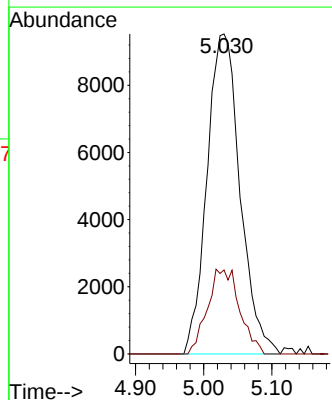
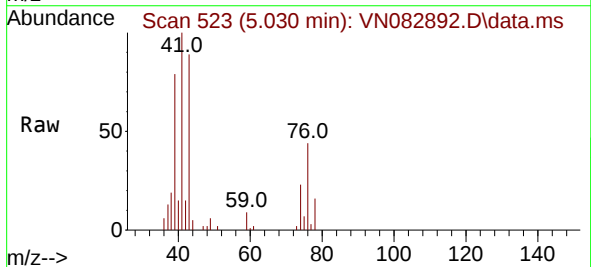
Manual Integrations
APPROVED

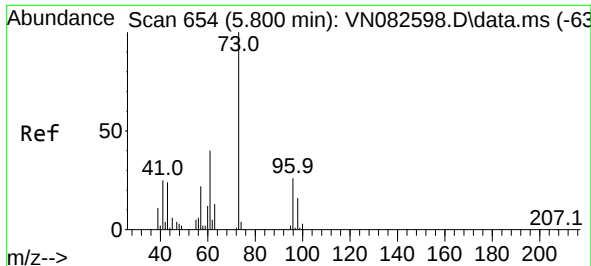
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#18
Methyl Acetate
Concen: 18.738 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

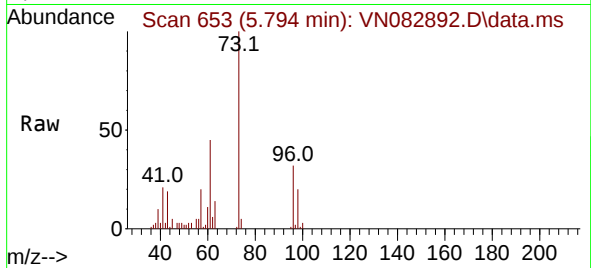
Tgt Ion: 43 Resp: 32136
Ion Ratio Lower Upper
43 100
74 25.7 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 18.017 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

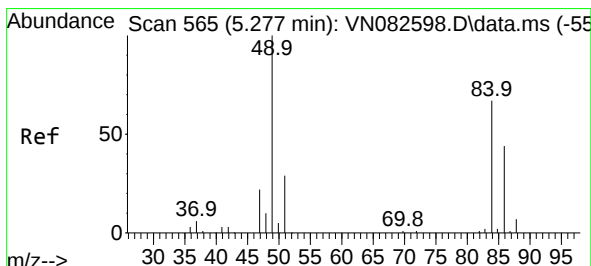
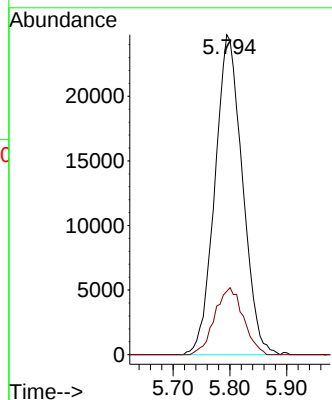
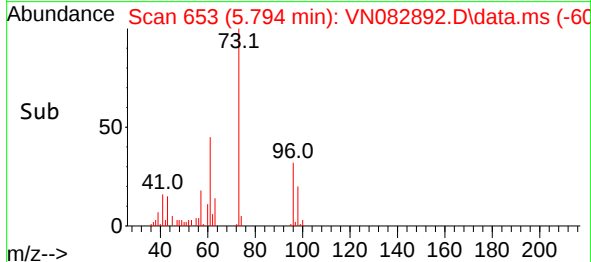
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01



Tgt Ion: 73 Resp: 83318
Ion Ratio Lower Upper
73 100
57 19.8 17.9 26.9

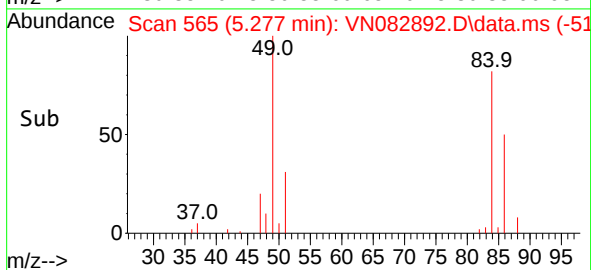
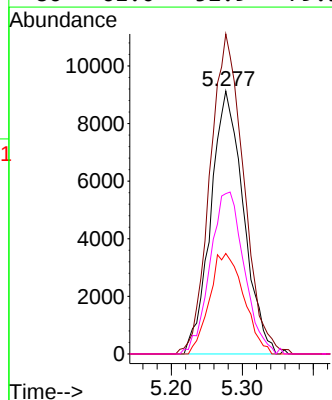
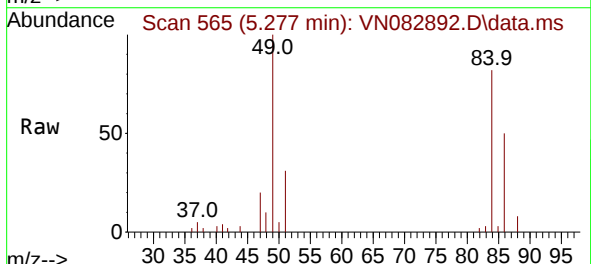
Manual Integrations
APPROVED

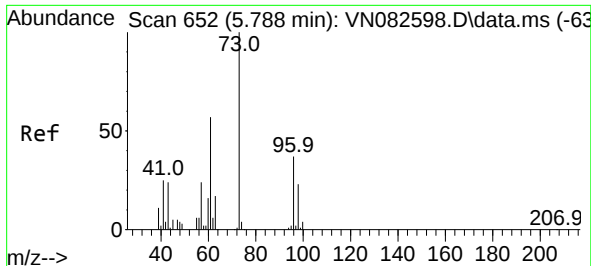
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#20
Methylene Chloride
Concen: 18.626 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

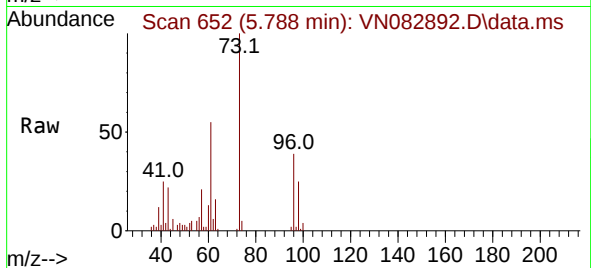
Tgt Ion: 84 Resp: 29155
Ion Ratio Lower Upper
84 100
49 120.0 119.6 179.4
51 38.2 34.8 52.2
86 61.0 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 17.667 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

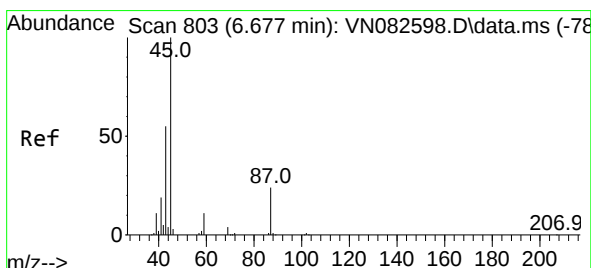
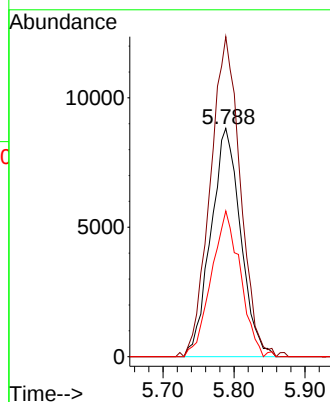
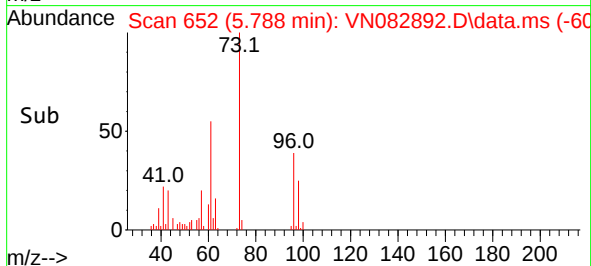
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01



Tgt Ion: 96 Resp: 25664
Ion Ratio Lower Upper
96 100
61 138.4 123.4 185.2
98 63.9 49.3 73.9

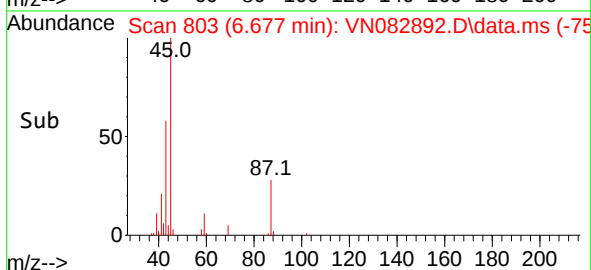
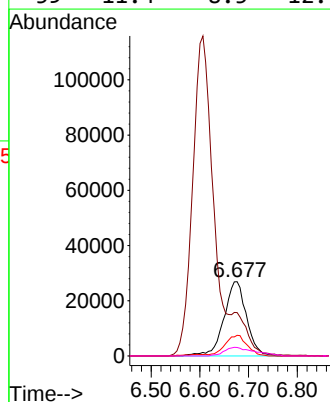
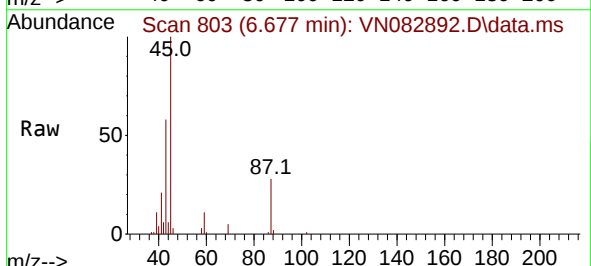
Manual Integrations
APPROVED

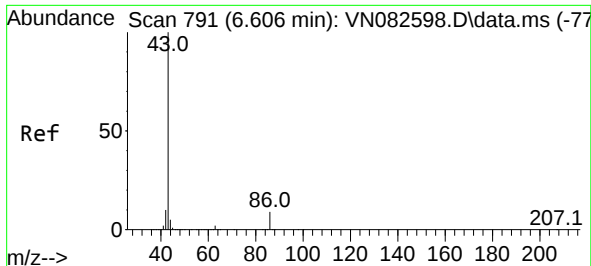
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#22
Diisopropyl ether
Concen: 19.781 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

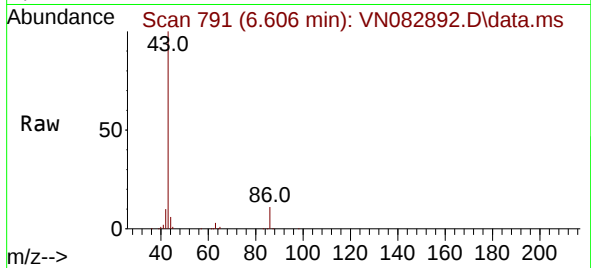
Tgt Ion: 45 Resp: 86506
Ion Ratio Lower Upper
45 100
43 56.6 44.0 66.0
87 27.7 19.7 29.5
59 11.4 8.5 12.7





#23
 Vinyl Acetate
 Concen: 97.946 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082892.D
 Acq: 12 Jul 2024 12:05

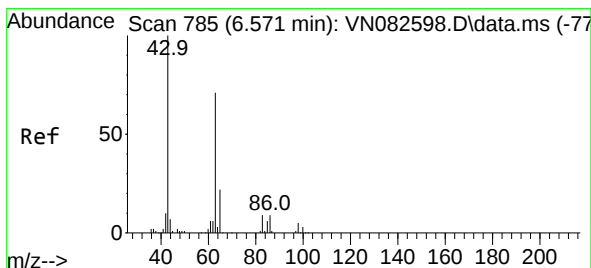
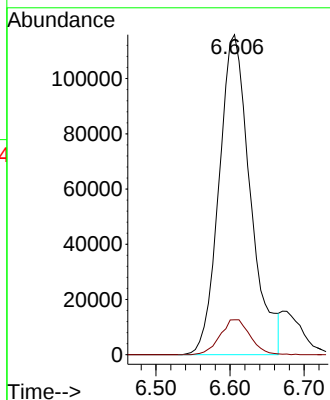
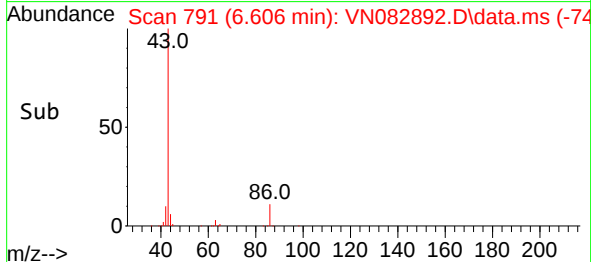
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBS01



Tgt Ion: 43 Resp: 34015
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.3 10.9

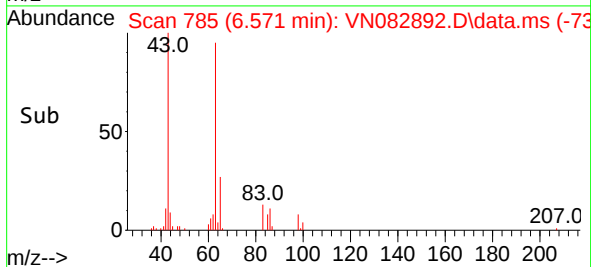
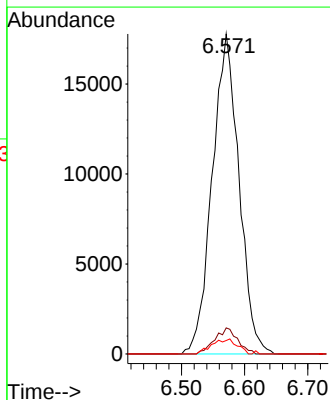
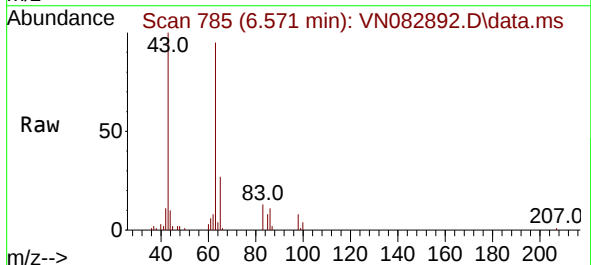
Manual Integrations
 APPROVED

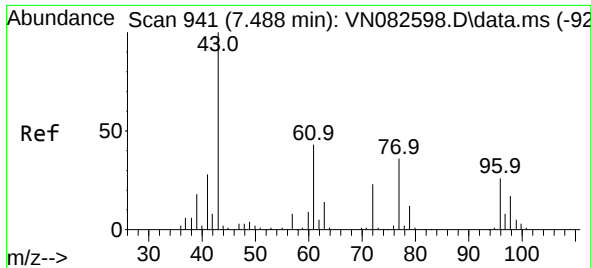
Reviewed By :John Carlone 07/15/2024
 Supervised By :Mahesh Dadoda 07/15/2024



#24
 1,1-Dichloroethane
 Concen: 19.740 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082892.D
 Acq: 12 Jul 2024 12:05

Tgt Ion: 63 Resp: 52364
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.3 9.9
 100 4.2 2.0 6.0





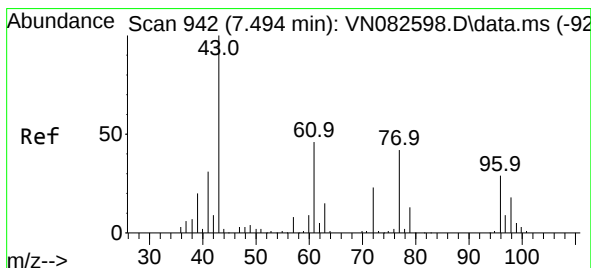
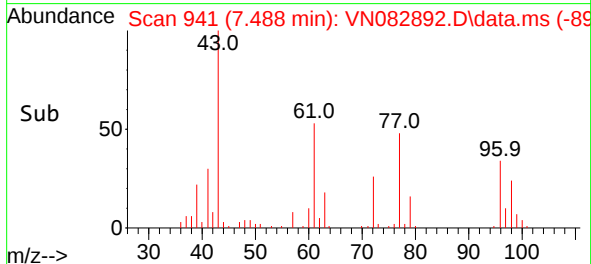
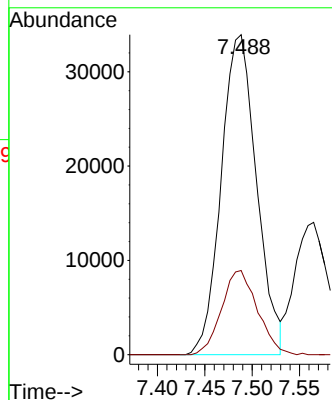
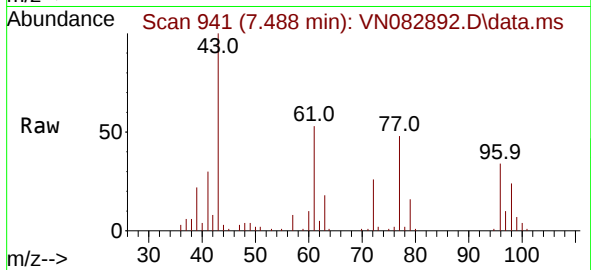
#25
2-Butanone
Concen: 90.103 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

Tgt Ion: 43 Resp: 8818
Ion Ratio Lower Upper
43 100
72 26.3 18.2 27.2

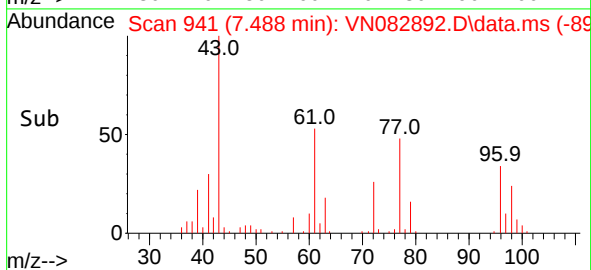
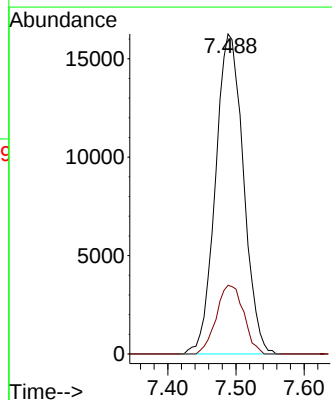
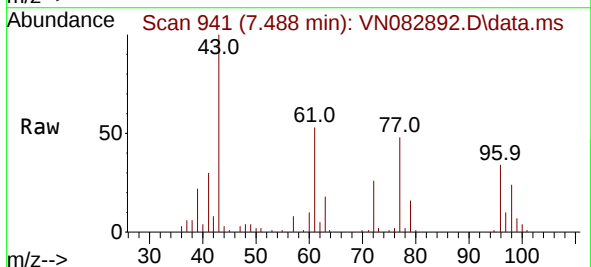
Manual Integrations
APPROVED

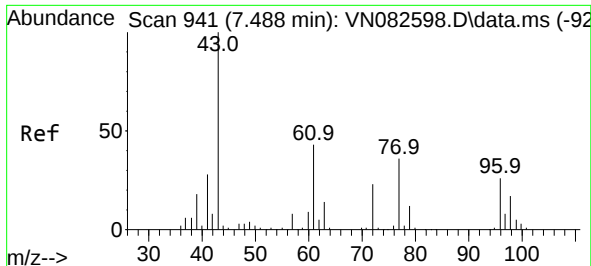
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#26
2,2-Dichloropropane
Concen: 18.800 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

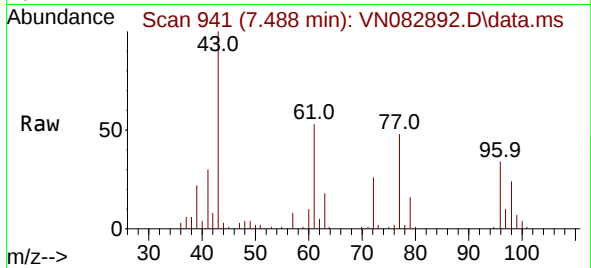
Tgt Ion: 77 Resp: 46367
Ion Ratio Lower Upper
77 100
97 21.0 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 18.162 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082892.D
 Acq: 12 Jul 2024 12:05

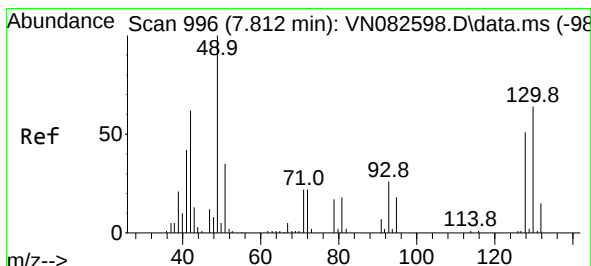
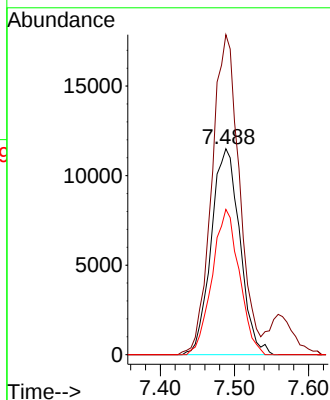
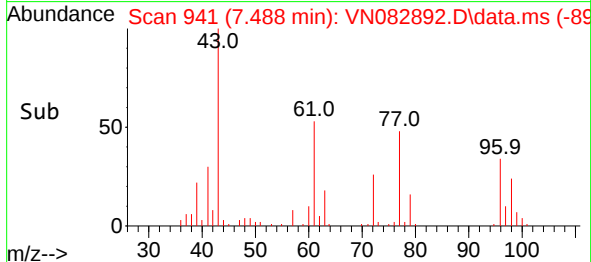
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBS01



Tgt Ion: 96 Resp: 3088
 Ion Ratio Lower Upper
 96 100
 61 149.4 0.0 329.6
 98 66.9 0.0 128.6

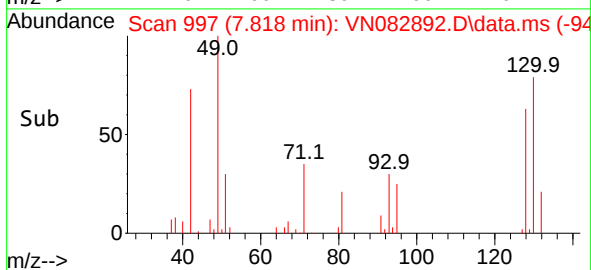
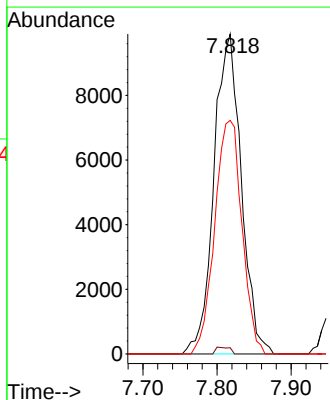
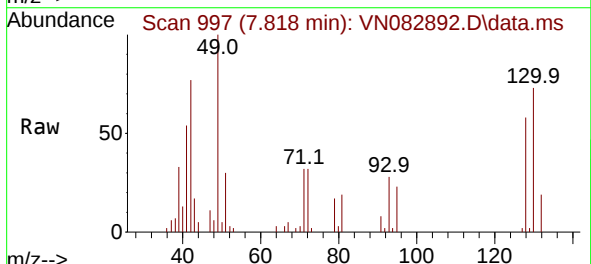
Manual Integrations
 APPROVED

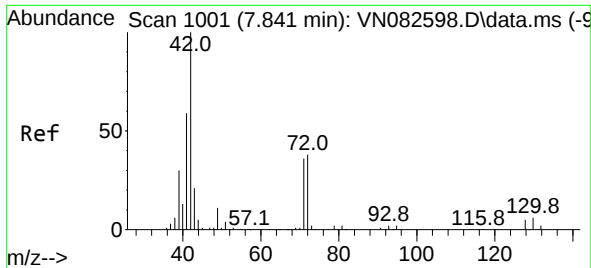
Reviewed By :John Carlone 07/15/2024
 Supervised By :Mahesh Dadoda 07/15/2024



#28
 Bromochloromethane
 Concen: 22.270 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082892.D
 Acq: 12 Jul 2024 12:05

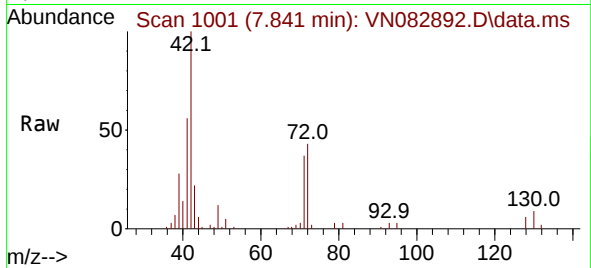
Tgt Ion: 49 Resp: 25342
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.8
 130 72.6 50.5 75.7





#29
Tetrahydrofuran
Concen: 95.145 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

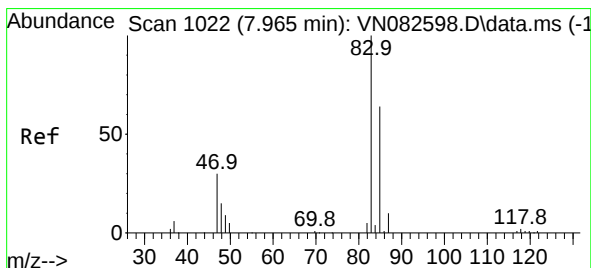
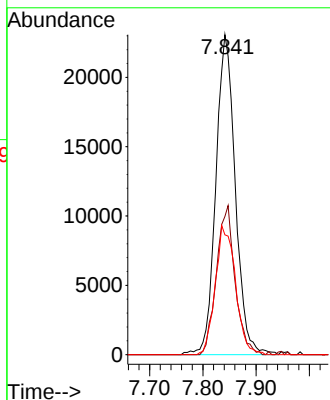
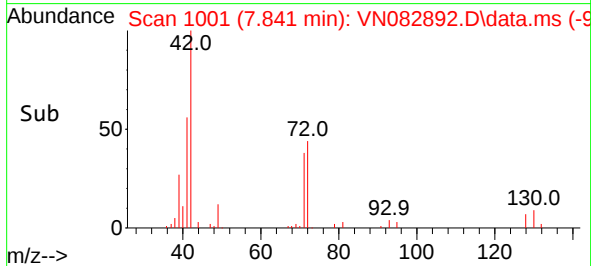
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01



Tgt Ion: 42 Resp: 5862
Ion Ratio Lower Upper
42 100
72 44.4 30.0 45.0
71 41.8 28.3 42.5

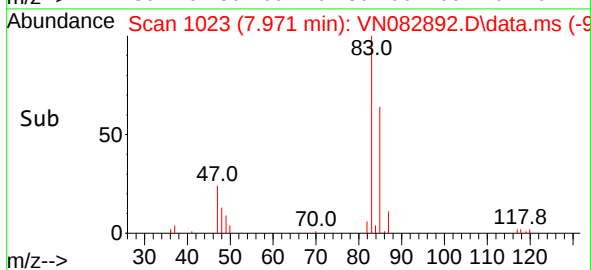
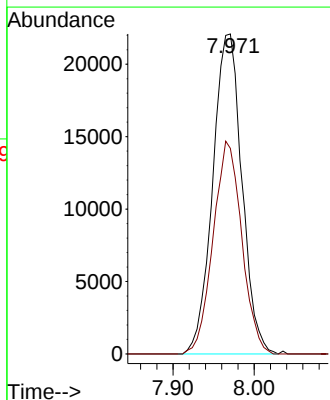
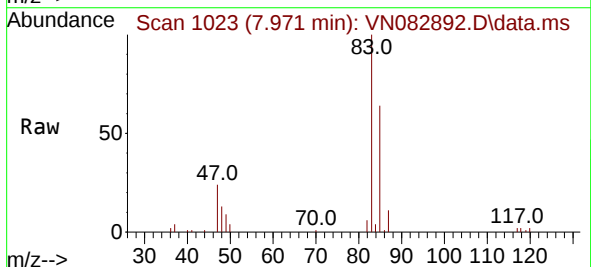
Manual Integrations
APPROVED

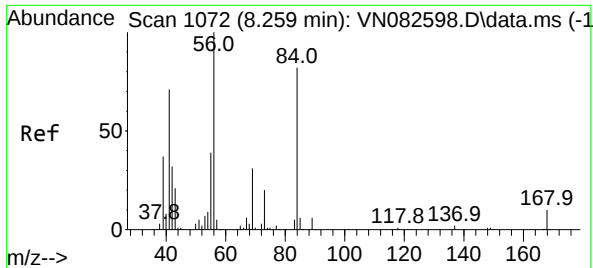
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#30
Chloroform
Concen: 19.595 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

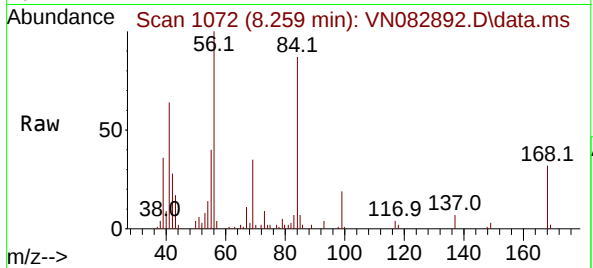
Tgt Ion: 83 Resp: 55143
Ion Ratio Lower Upper
83 100
85 64.3 50.9 76.3





#31
Cyclohexane
Concen: 17.595 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

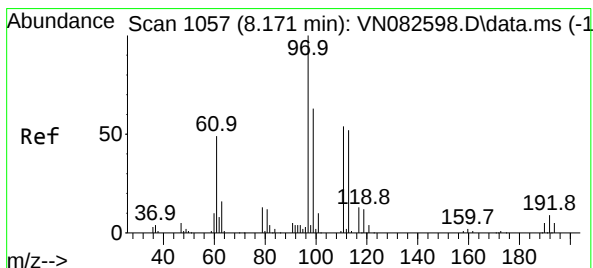
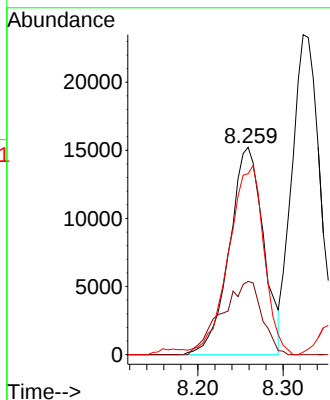
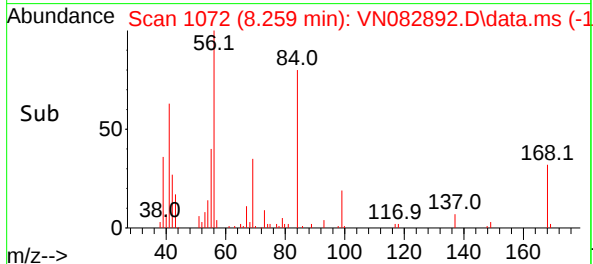
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01



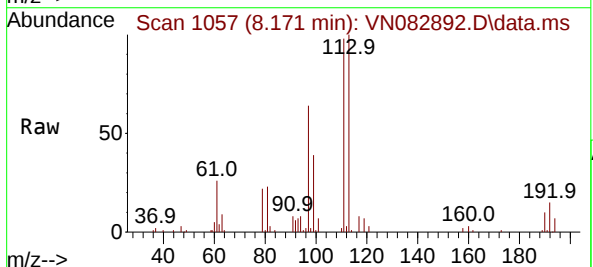
Tgt Ion: 56 Resp: 4234
Ion Ratio Lower Upper
56 100
69 35.4 24.5 36.7
84 84.9 66.0 99.0

Manual Integrations
APPROVED

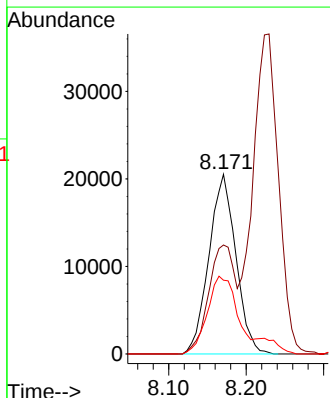
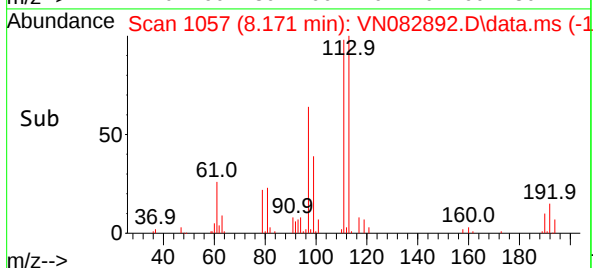
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

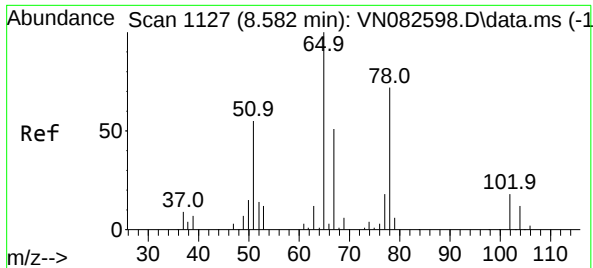


#32
1,1,1-Trichloroethane
Concen: 18.969 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05



Tgt Ion: 97 Resp: 49561
Ion Ratio Lower Upper
97 100
99 58.8 52.0 78.0
61 48.4 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 51.989 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBS01

Tgt Ion: 65 Resp: 95709

Ion Ratio Lower Upper

65 100

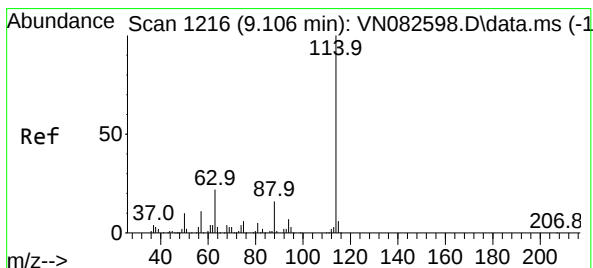
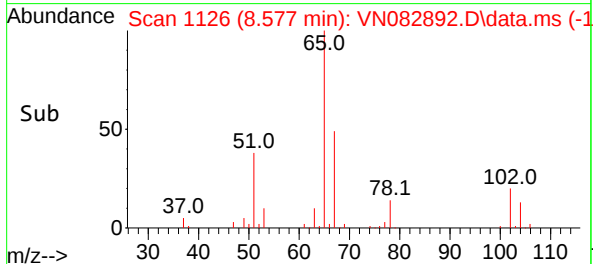
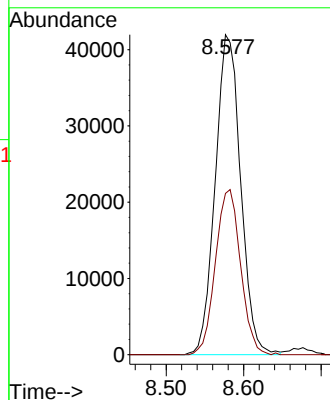
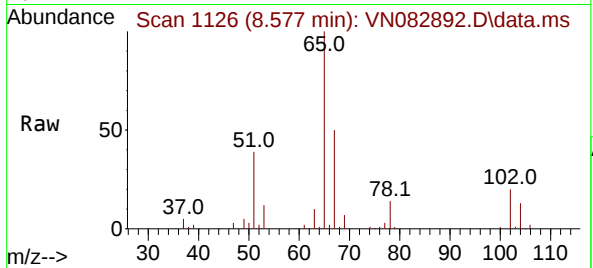
67 51.0 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

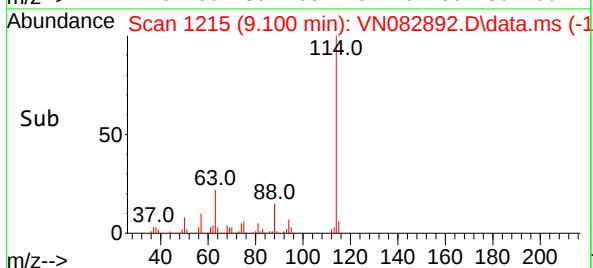
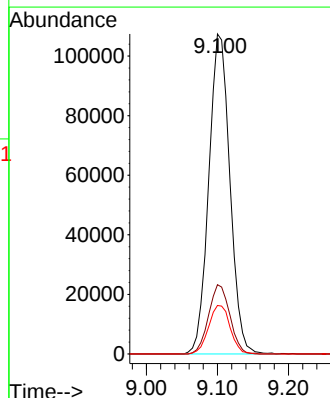
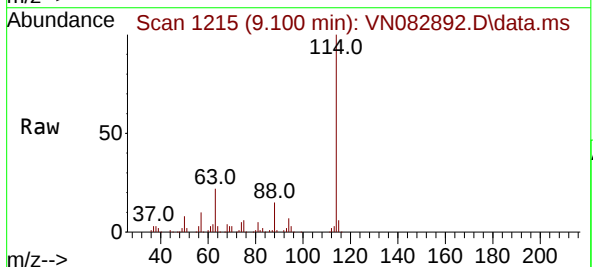
Tgt Ion:114 Resp: 221724

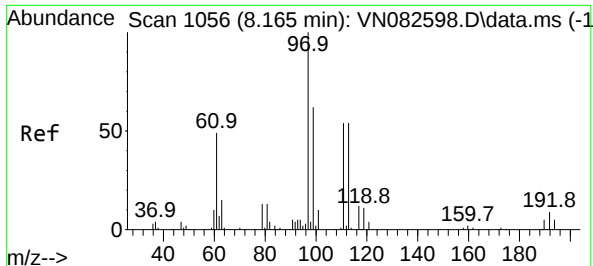
Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.6

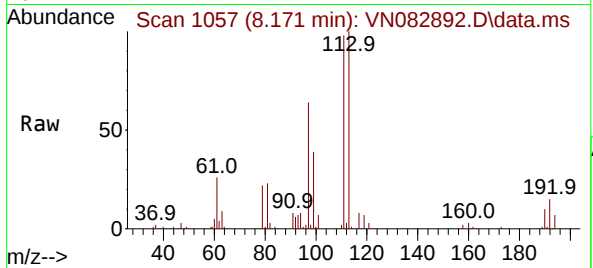
88 15.1 0.0 31.4





#35
Dibromofluoromethane
Concen: 51.841 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

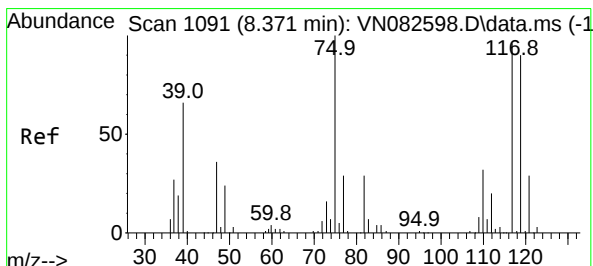
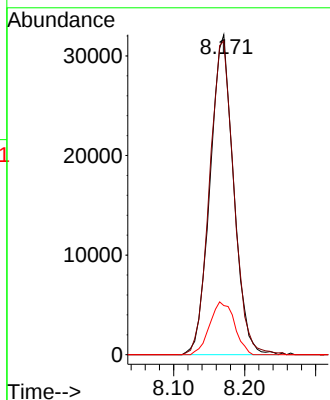
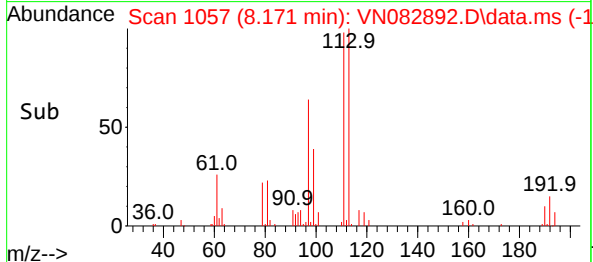
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01



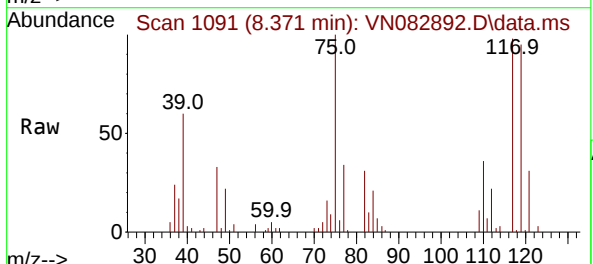
Tgt Ion: 113 Resp: 73750
Ion Ratio Lower Upper
113 100
111 101.1 82.4 123.6
192 17.4 14.9 22.3

Manual Integrations
APPROVED

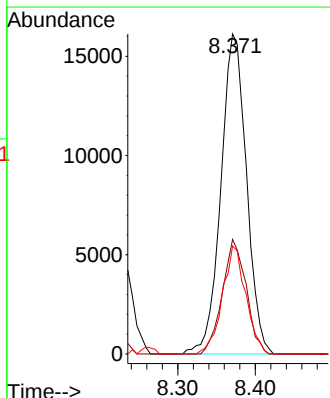
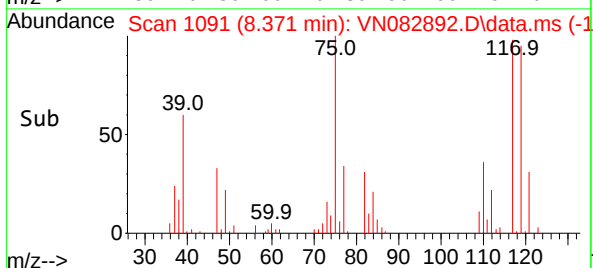
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

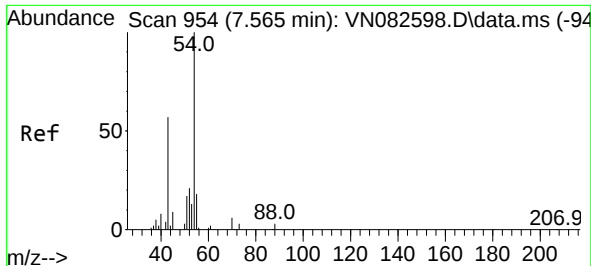


#36
1,1-Dichloropropene
Concen: 18.877 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05



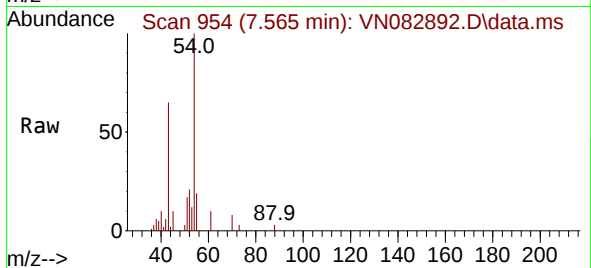
Tgt Ion: 75 Resp: 37029
Ion Ratio Lower Upper
75 100
110 33.3 16.3 48.9
77 31.0 24.6 37.0





#37
Ethyl Acetate
Concen: 18.476 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

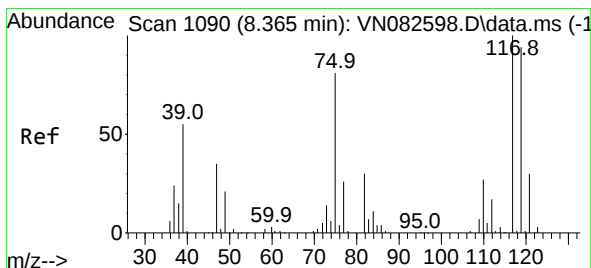
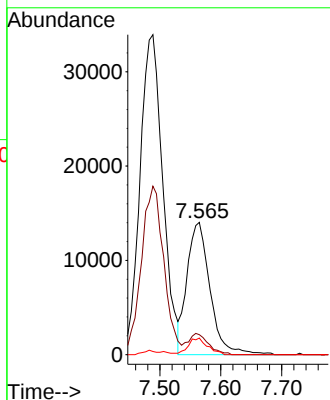
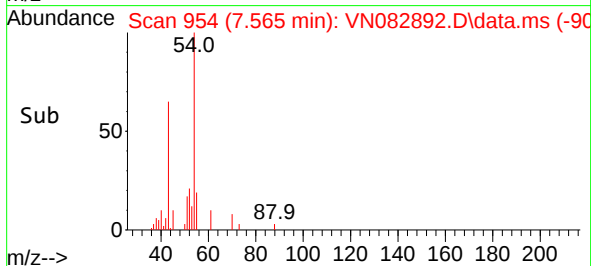
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01



Tgt Ion: 43 Resp: 3689
Ion Ratio Lower Upper
43 100
61 14.2 9.3 13.9
70 10.4 7.0 10.6

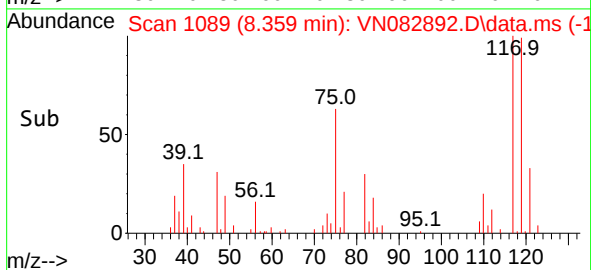
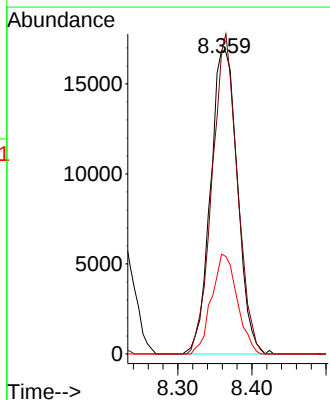
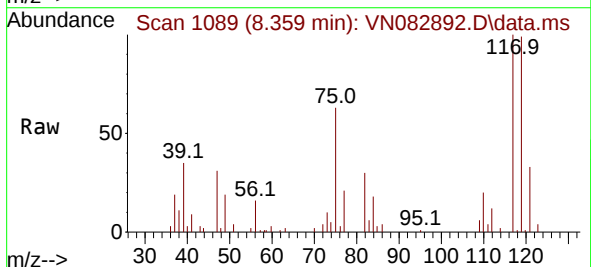
Manual Integrations
APPROVED

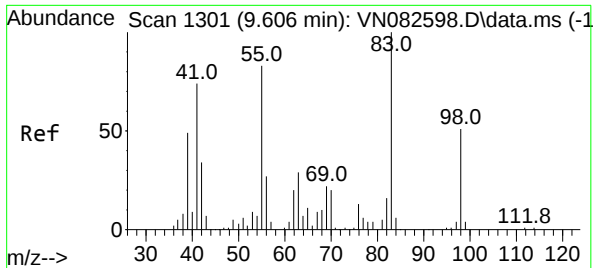
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#38
Carbon Tetrachloride
Concen: 18.095 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

Tgt Ion:117 Resp: 42737
Ion Ratio Lower Upper
117 100
119 99.5 74.9 112.3
121 32.9 24.3 36.5





#39

Methylcyclohexane

Concen: 16.966 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBS01

Tgt Ion: 83 Resp: 35949

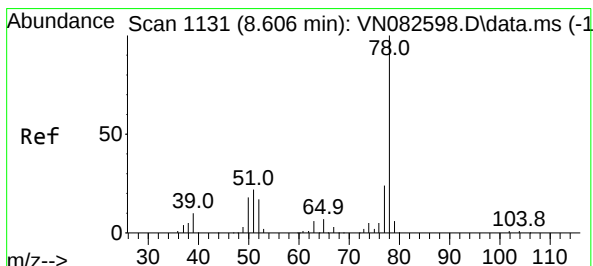
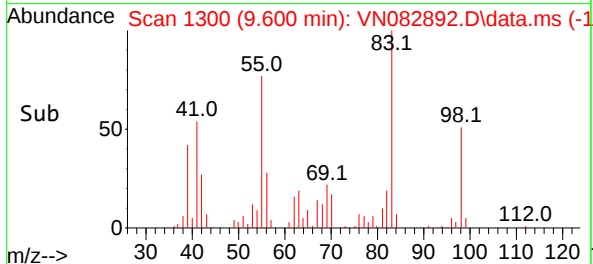
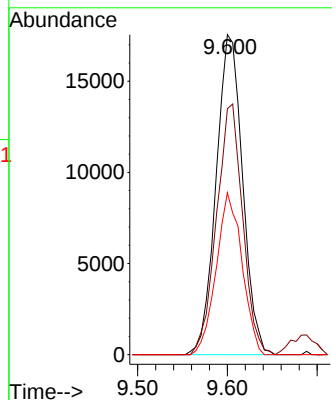
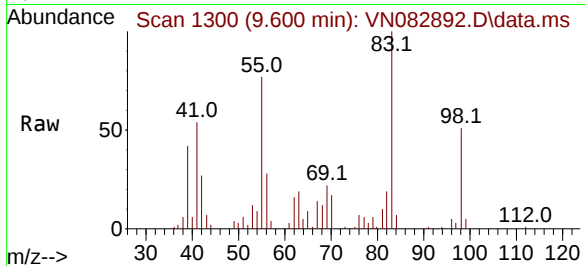
Ion	Ratio	Lower	Upper
83	100		
55	76.8	66.4	99.6
98	50.6	40.7	61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#40

Benzene

Concen: 19.094 ug/l

RT: 8.606 min Scan# 1131

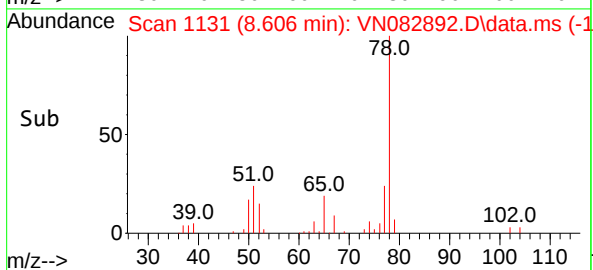
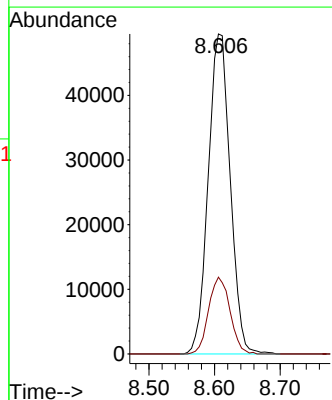
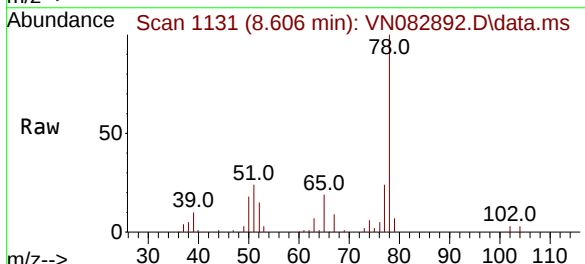
Delta R.T. -0.000 min

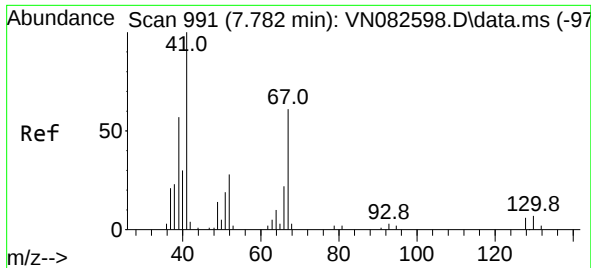
Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

Tgt Ion: 78 Resp: 115209

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4





#41
Methacrylonitrile
Concen: 18.042 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.005 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

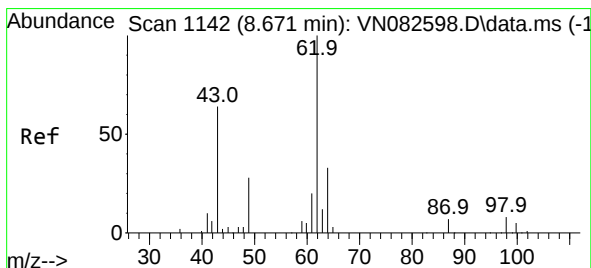
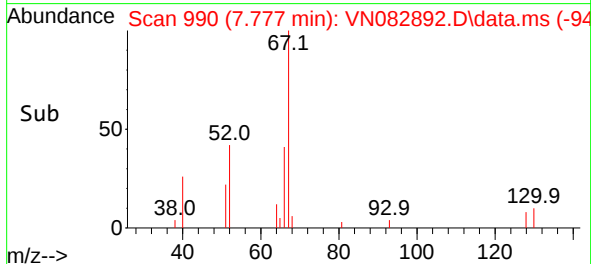
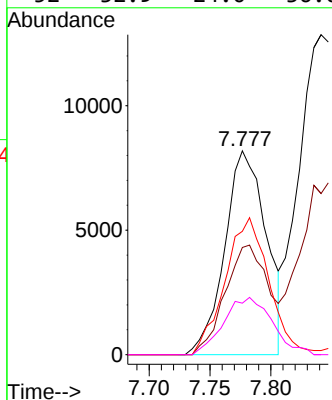
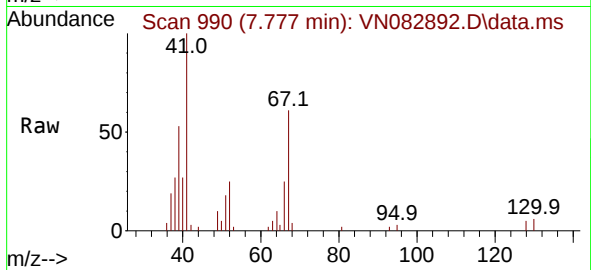
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

Tgt Ion: 41 Resp: 1941

Ion	Ratio	Lower	Upper
41	100		
39	56.0	45.5	68.3
67	71.5	50.5	75.7
52	32.9	24.0	36.0

Manual Integrations
APPROVED

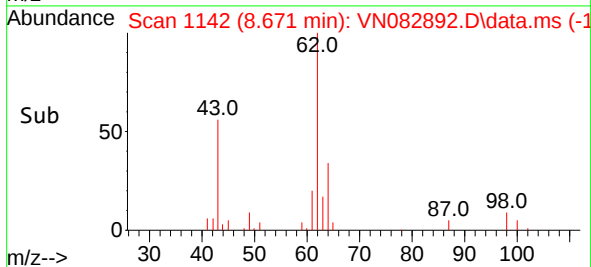
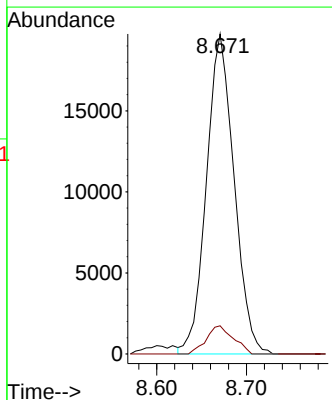
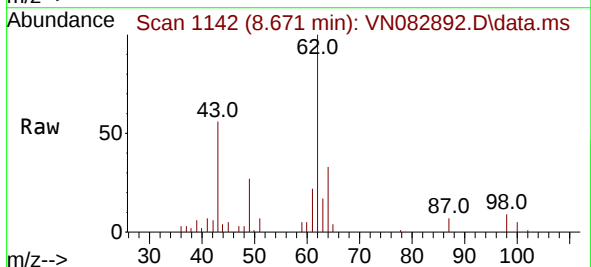
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

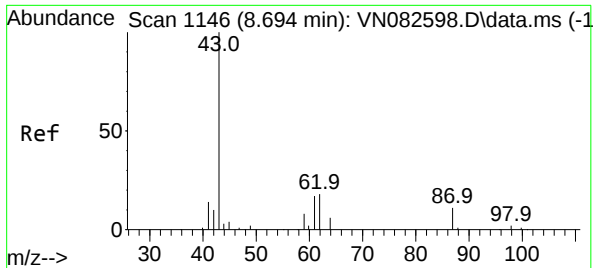


#42
1,2-Dichloroethane
Concen: 19.455 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

Tgt Ion: 62 Resp: 42261

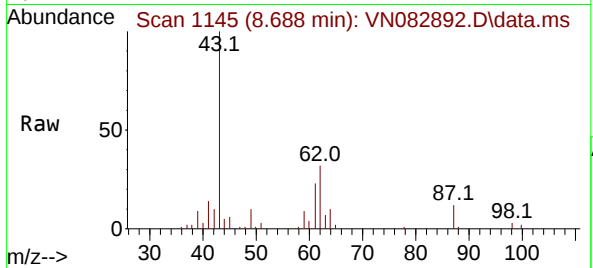
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	15.8





#43
Isopropyl Acetate
Concen: 15.236 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

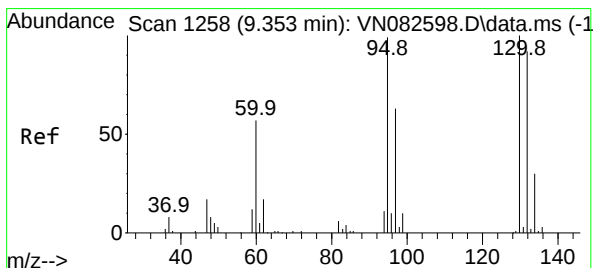
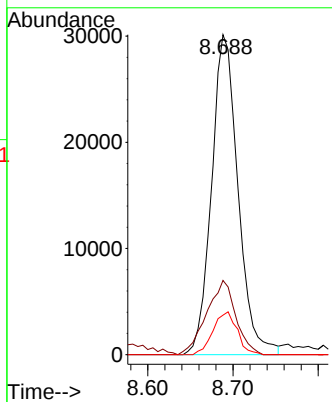
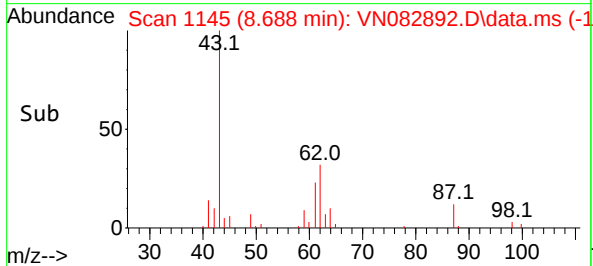
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01



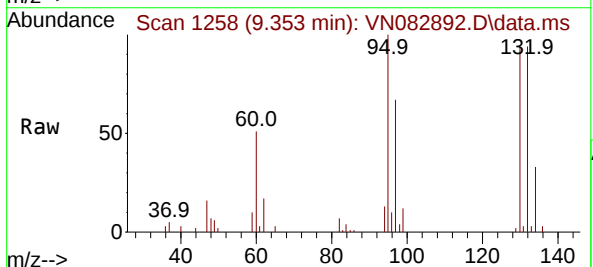
Tgt Ion: 43 Resp: 6514
Ion Ratio Lower Upper
43 100
61 25.5 17.8 26.6
87 12.3 8.2 12.2

Manual Integrations
APPROVED

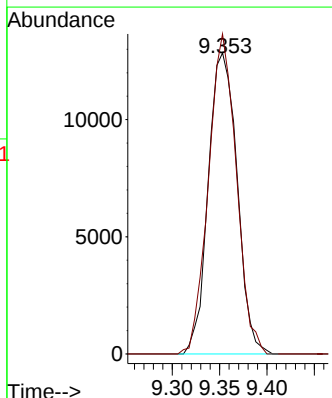
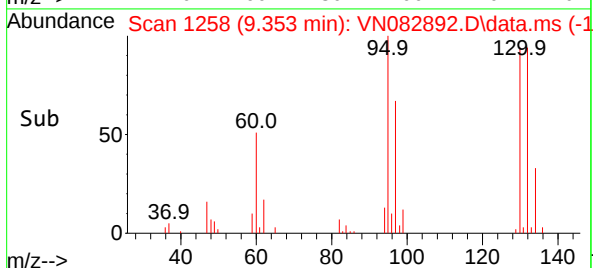
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

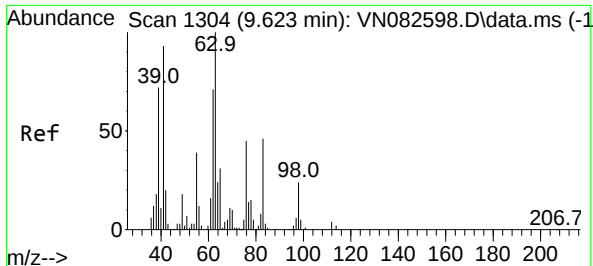


#44
Trichloroethene
Concen: 17.607 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05



Tgt Ion:130 Resp: 27218
Ion Ratio Lower Upper
130 100
95 106.3 0.0 197.8





#45

1,2-Dichloropropane

Concen: 19.580 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.001 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBS01

Tgt Ion: 63 Resp: 2758

Ion Ratio Lower Upper

63 100

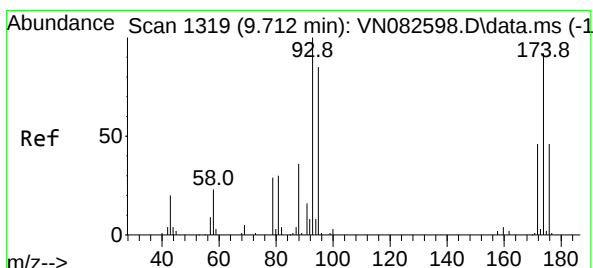
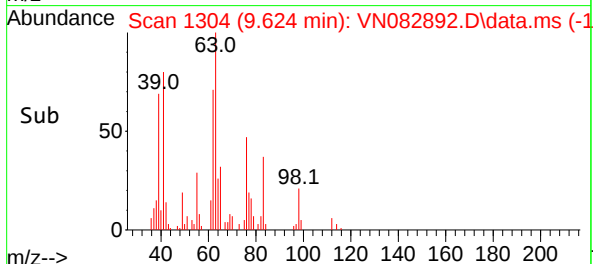
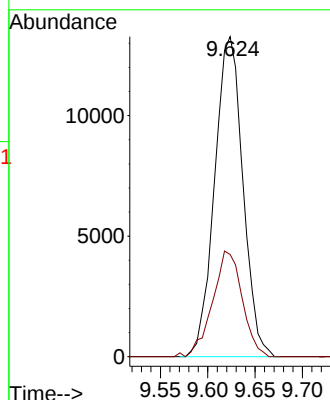
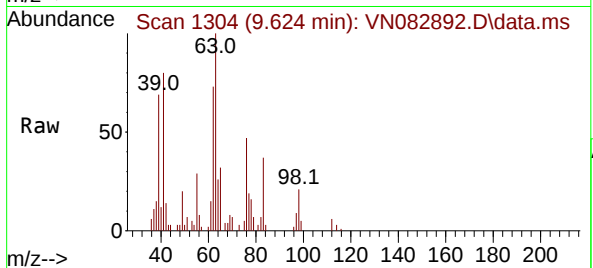
65 32.0 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#46

Dibromomethane

Concen: 19.219 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

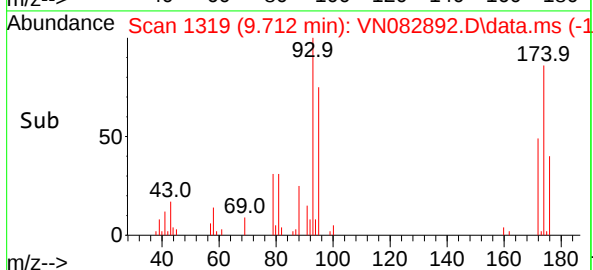
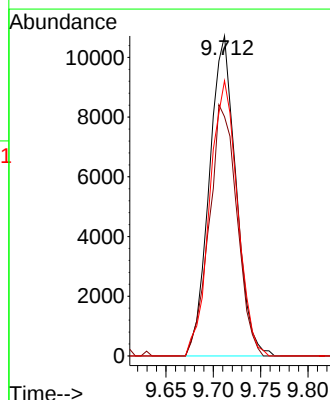
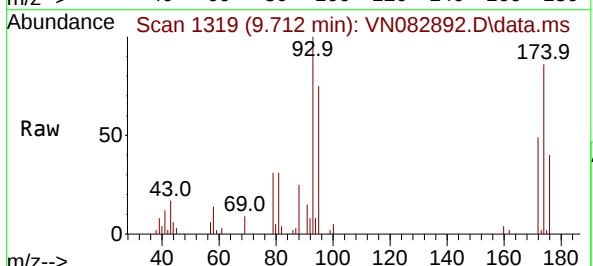
Tgt Ion: 93 Resp: 21092

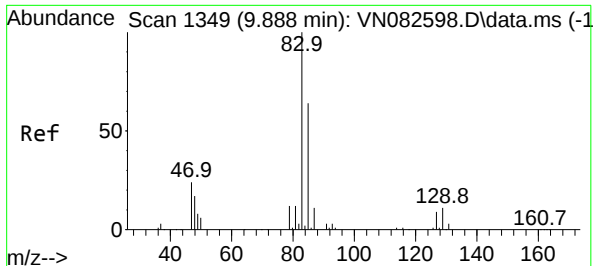
Ion Ratio Lower Upper

93 100

95 81.1 65.8 98.6

174 89.0 71.7 107.5





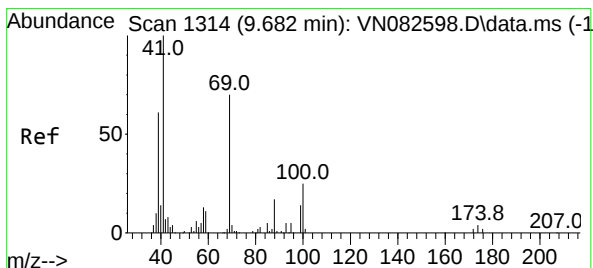
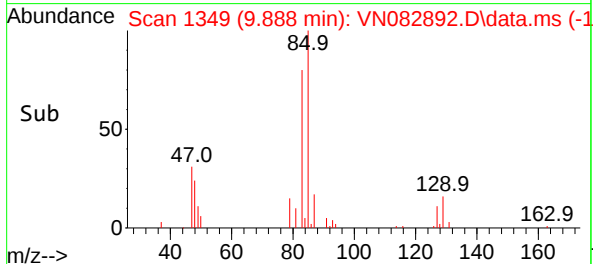
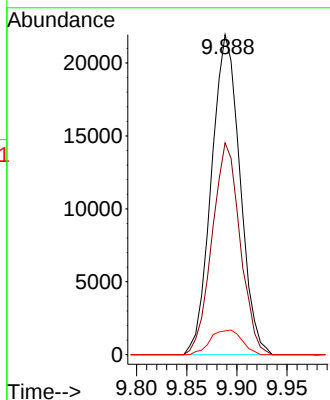
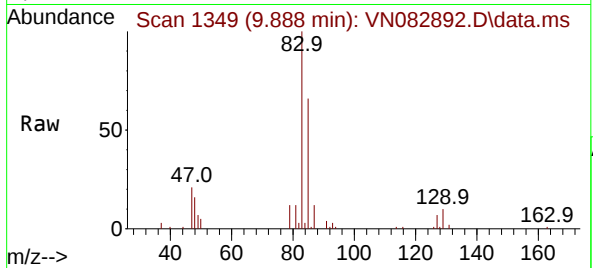
#47
Bromodichloromethane
Concen: 19.104 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

Tgt Ion: 83 Resp: 43319
Ion Ratio Lower Upper
83 100
85 66.2 51.1 76.7
127 7.4 7.2 10.8

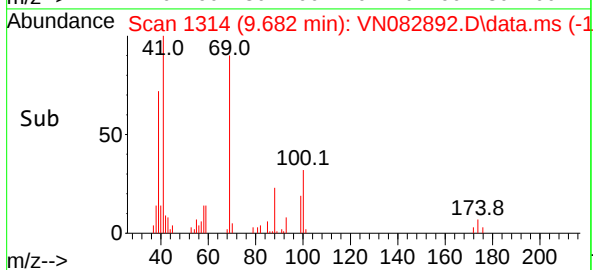
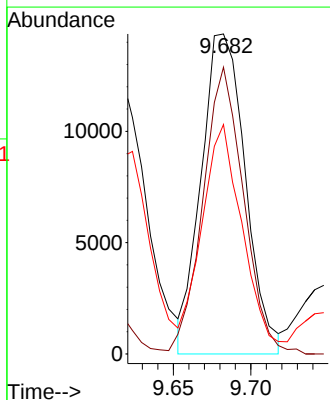
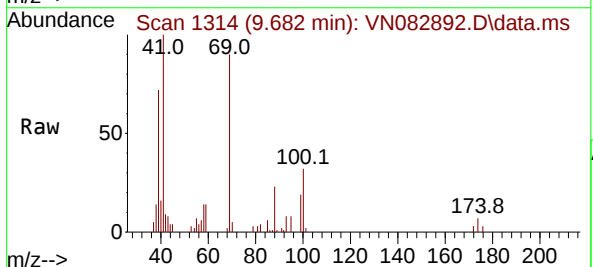
Manual Integrations
APPROVED

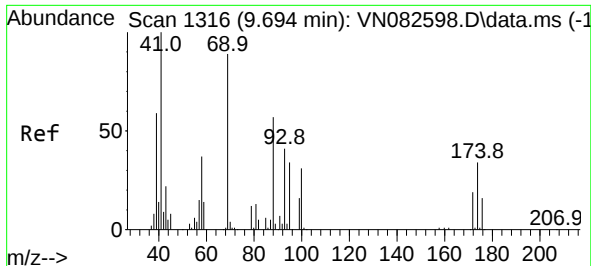
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#48
Methyl methacrylate
Concen: 18.201 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

Tgt Ion: 41 Resp: 28502
Ion Ratio Lower Upper
41 100
69 82.5 56.3 84.5
39 66.9 50.3 75.5





#49

1,4-Dioxane

Concen: 336.077 ug/l

RT: 9.700 min Scan# 1161

Delta R.T. 0.006 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBS01

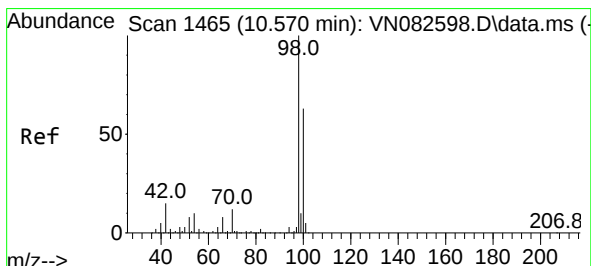
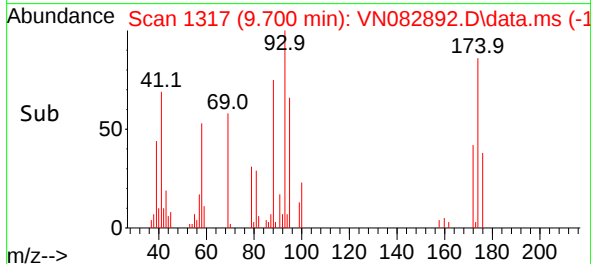
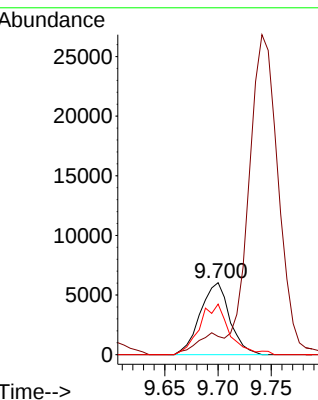
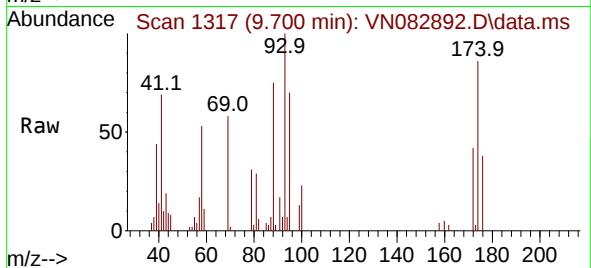
Tgt Ion:	88	Resp:	1161
Ion Ratio	Lower	Upper	
88	100		
43	26.8	27.8	41.8
58	71.4	59.4	89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#50

Toluene-d8

Concen: 51.268 ug/l

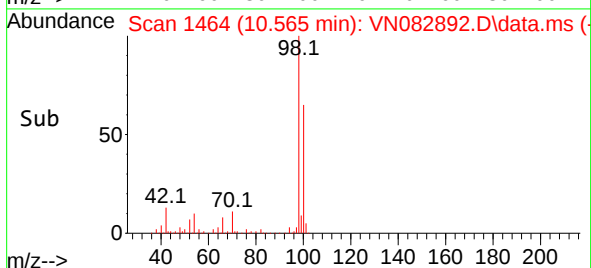
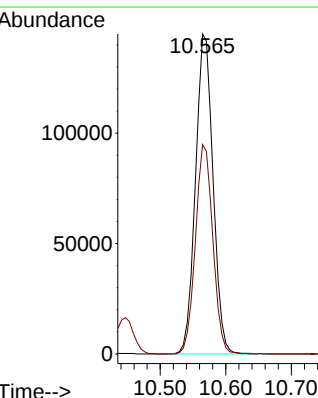
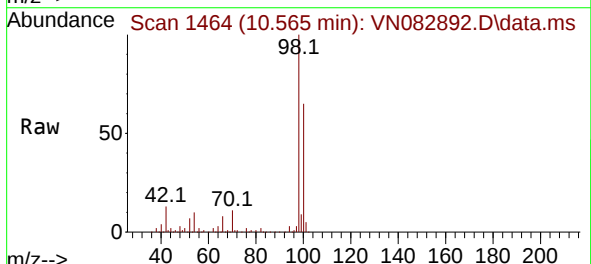
RT: 10.565 min Scan# 1464

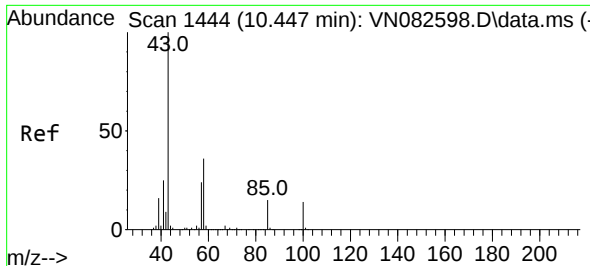
Delta R.T. -0.005 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

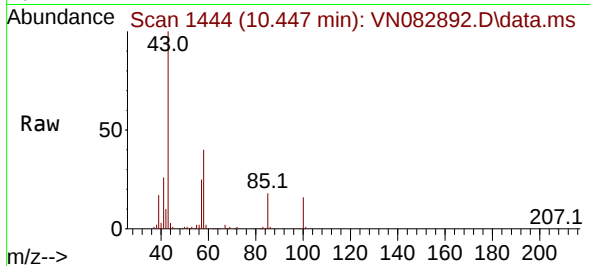
Tgt Ion:	98	Resp:	269406
Ion Ratio	Lower	Upper	
98	100		
100	65.0	51.5	77.3





#51
4-Methyl-2-Pentanone
Concen: 95.164 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

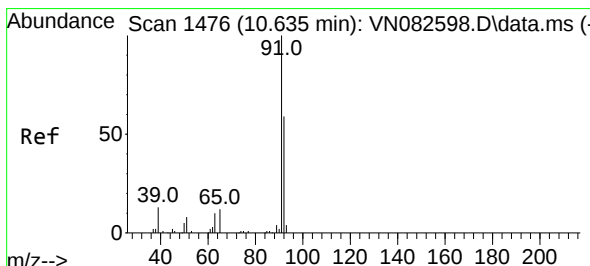
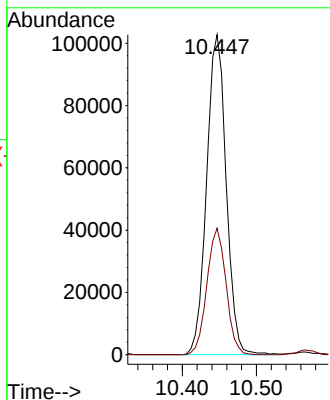
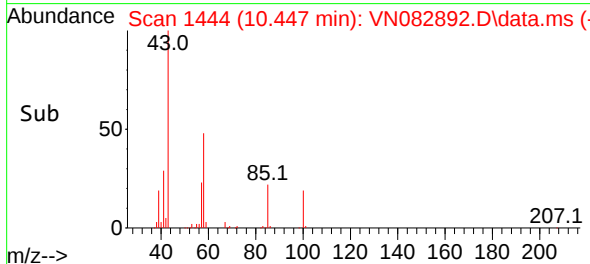
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01



Tgt Ion: 43 Resp: 18841
Ion Ratio Lower Upper
43 100
58 38.7 28.2 42.4

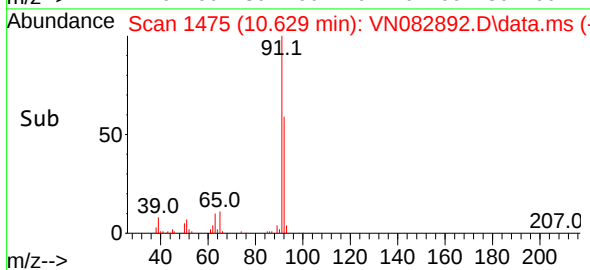
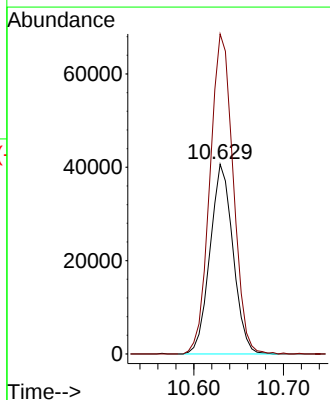
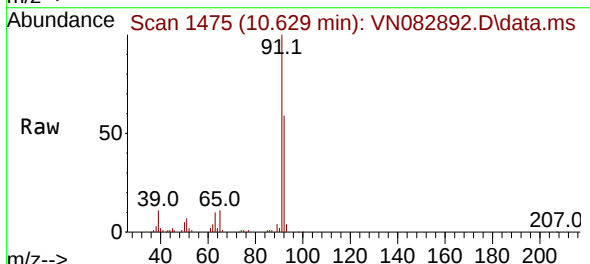
Manual Integrations
APPROVED

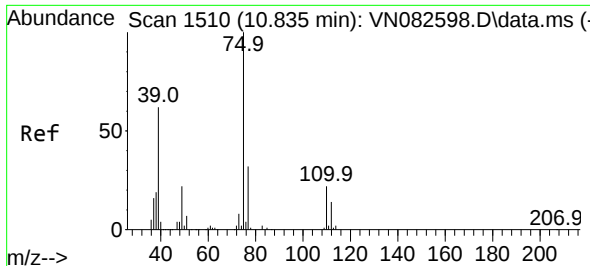
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#52
Toluene
Concen: 19.173 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

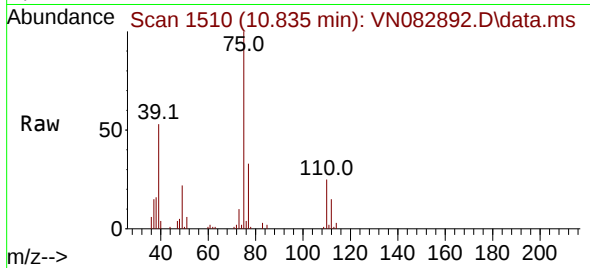
Tgt Ion: 92 Resp: 72266
Ion Ratio Lower Upper
92 100
91 171.1 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 18.130 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

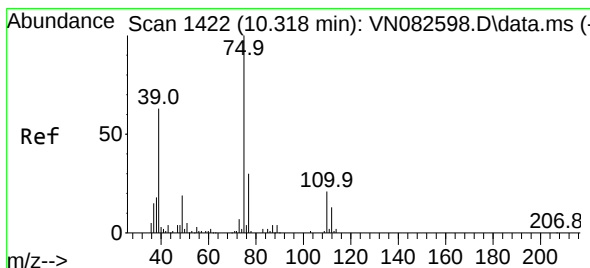
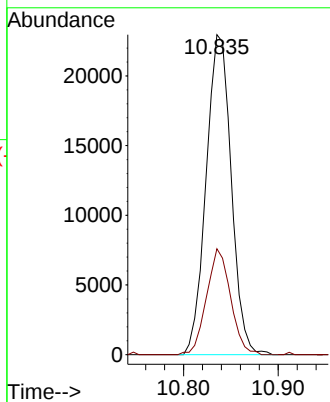
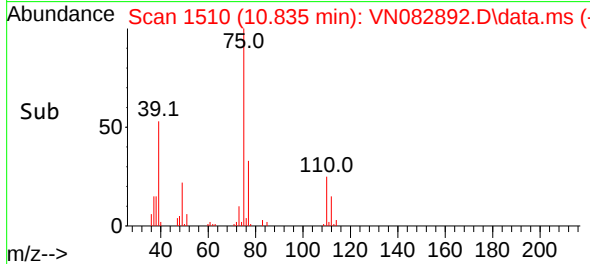
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01



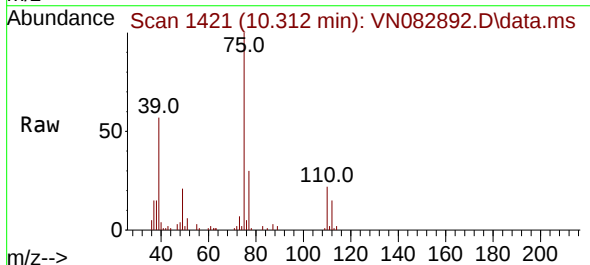
Tgt Ion: 75 Resp: 42352
Ion Ratio Lower Upper
75 100
77 33.1 25.7 38.5

Manual Integrations
APPROVED

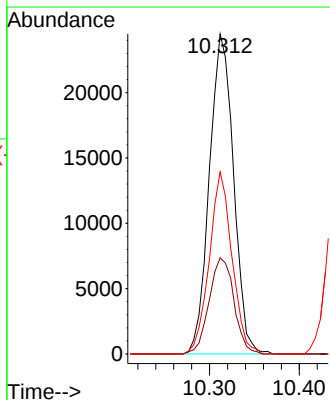
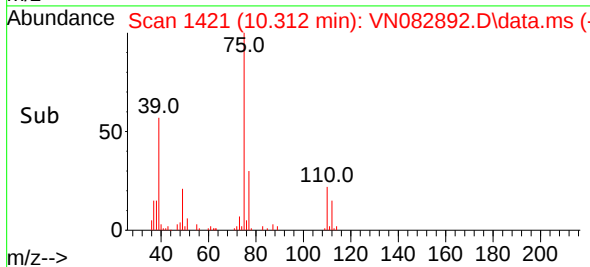
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

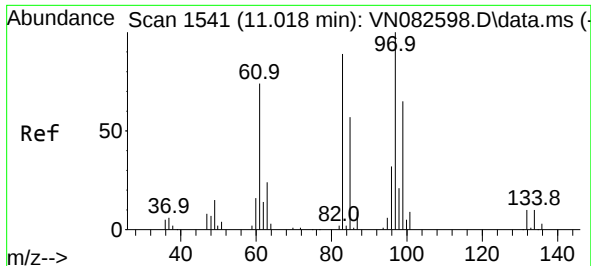


#54
cis-1,3-Dichloropropene
Concen: 18.505 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05



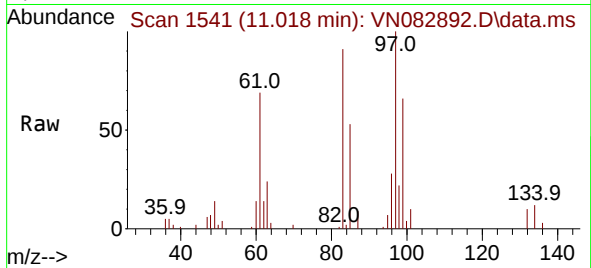
Tgt Ion: 75 Resp: 45756
Ion Ratio Lower Upper
75 100
77 30.1 24.3 36.5
39 56.9 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 19.358 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

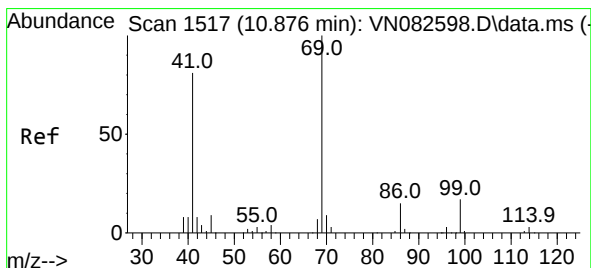
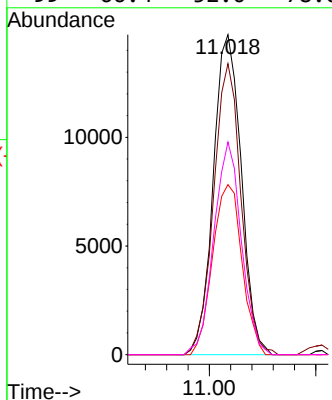
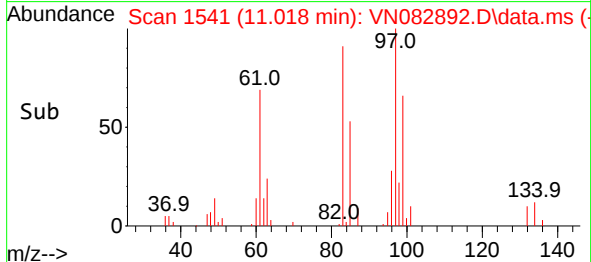
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01



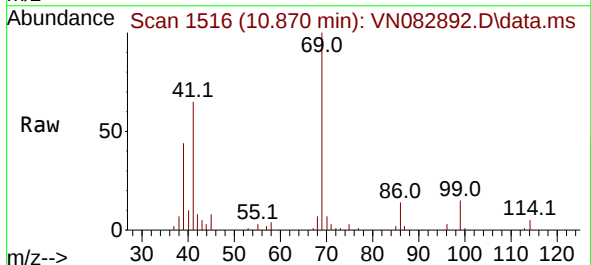
Tgt Ion: 97 Resp: 2683
Ion Ratio Lower Upper
97 100
83 90.9 71.4 107.0
85 53.1 45.8 68.6
99 66.4 52.0 78.0

Manual Integrations
APPROVED

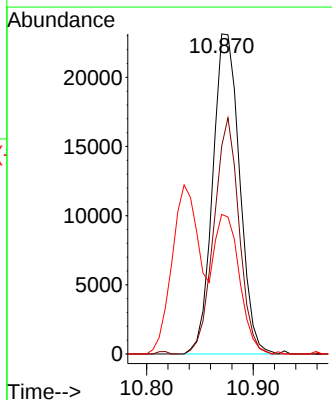
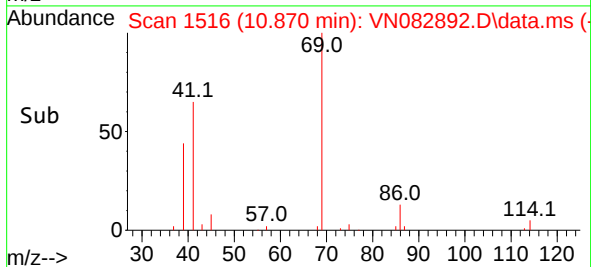
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

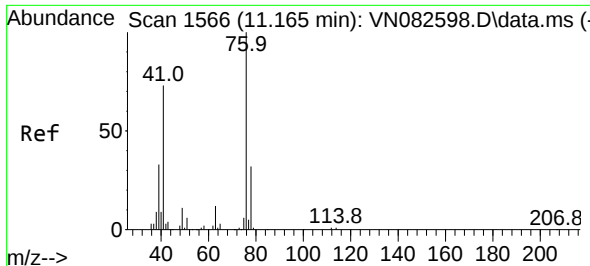


#56
Ethyl methacrylate
Concen: 18.824 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05



Tgt Ion: 69 Resp: 40592
Ion Ratio Lower Upper
69 100
41 68.7 63.4 95.2
39 39.9 37.4 56.0





#57

1,3-Dichloropropane

Concen: 19.079 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082892.D

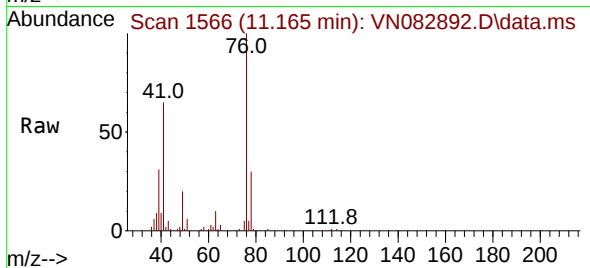
Acq: 12 Jul 2024 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBS01



Tgt Ion: 76 Resp: 46808

Ion Ratio Lower Upper

76 100

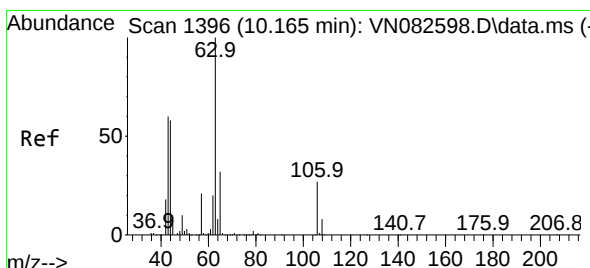
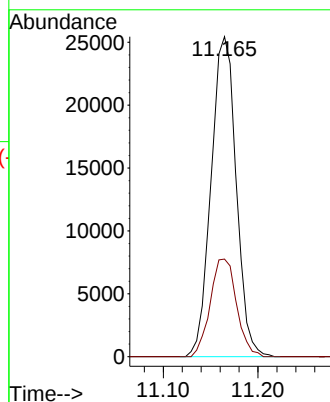
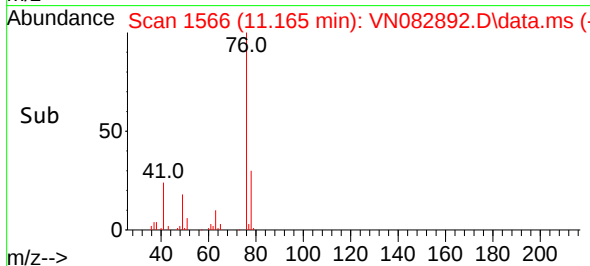
78 32.0 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#58

2-Chloroethyl Vinyl ether

Concen: 96.204 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN082892.D

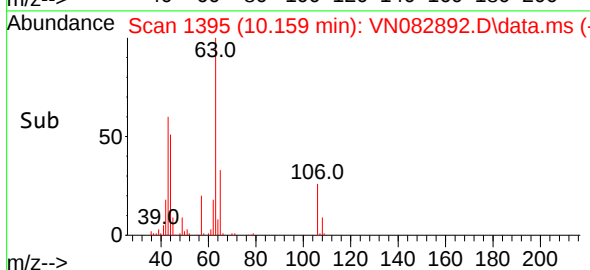
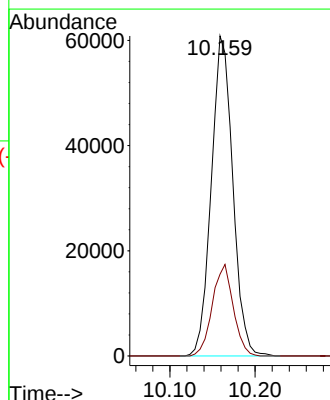
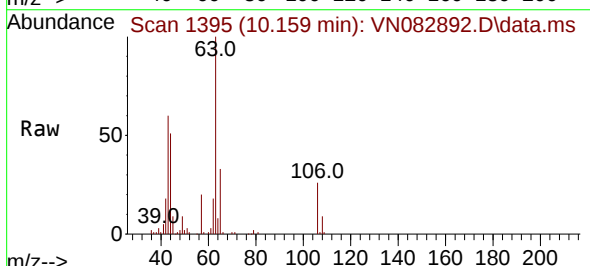
Acq: 12 Jul 2024 12:05

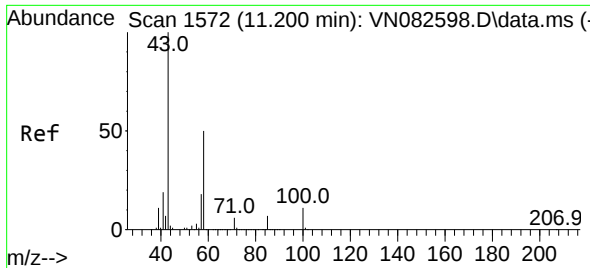
Tgt Ion: 63 Resp: 106449

Ion Ratio Lower Upper

63 100

106 27.9 21.4 32.0





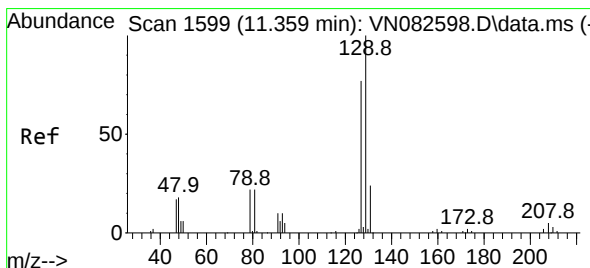
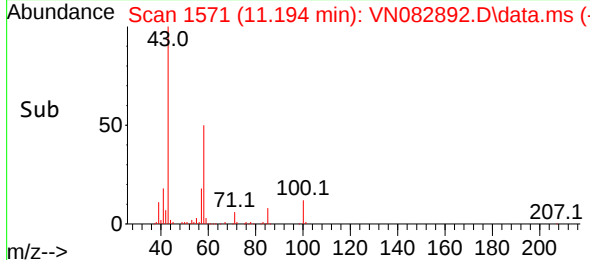
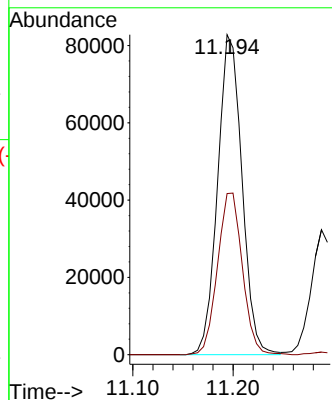
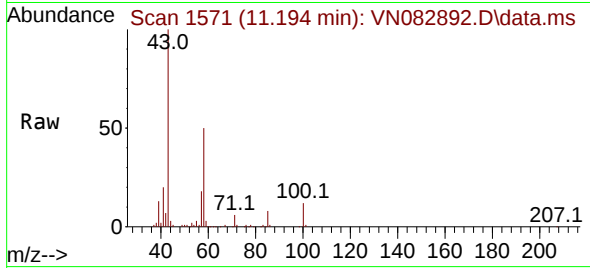
#59
2-Hexanone
Concen: 94.860 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

Tgt Ion: 43 Resp: 139634
Ion Ratio Lower Upper
43 100
58 51.6 24.6 73.8

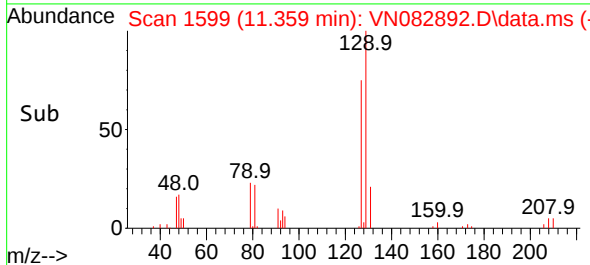
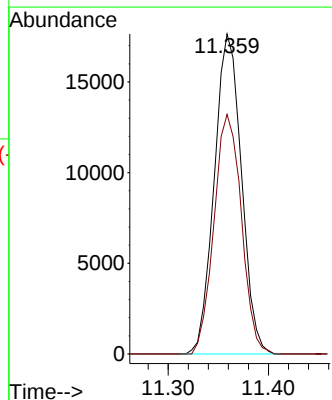
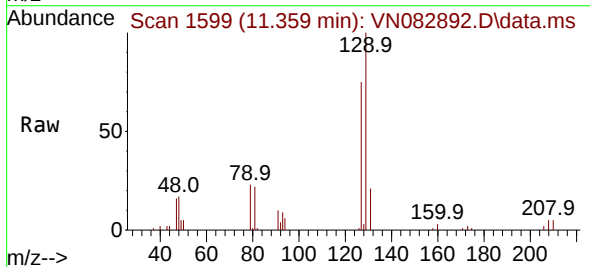
Manual Integrations
APPROVED

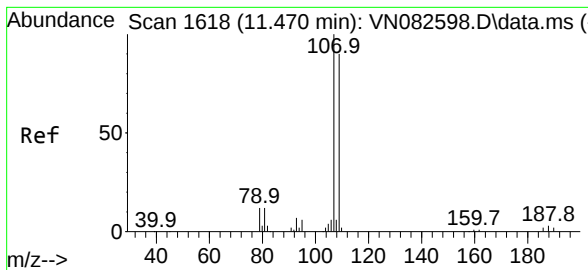
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#60
Dibromochloromethane
Concen: 18.789 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

Tgt Ion:129 Resp: 33169
Ion Ratio Lower Upper
129 100
127 75.6 39.2 117.6





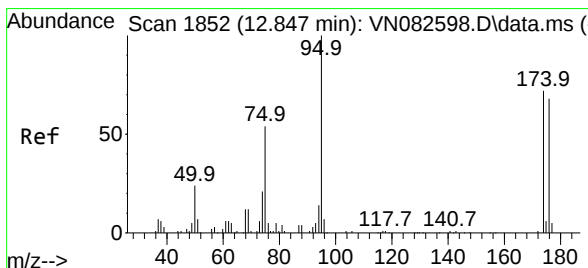
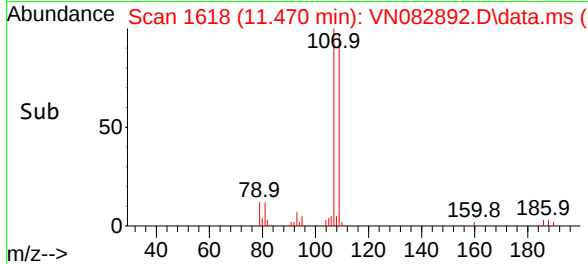
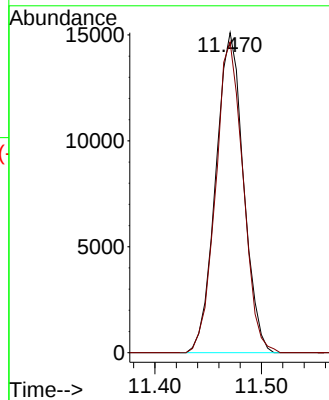
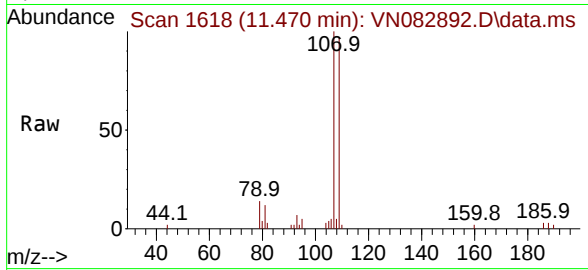
#61
1,2-Dibromoethane
Concen: 18.540 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

Tgt Ion:107 Resp: 27289
Ion Ratio Lower Upper
107 100
109 96.1 73.7 110.5

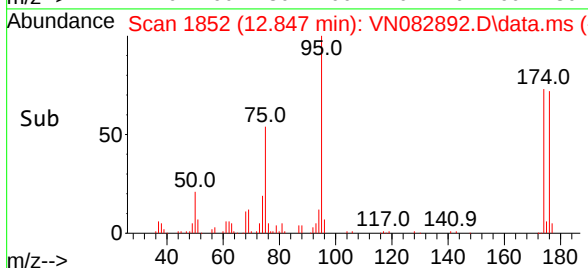
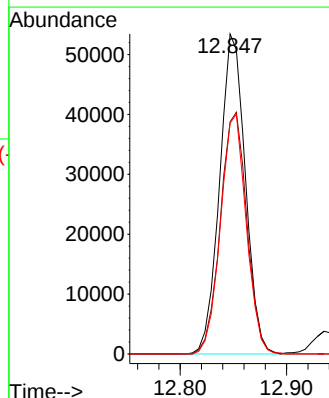
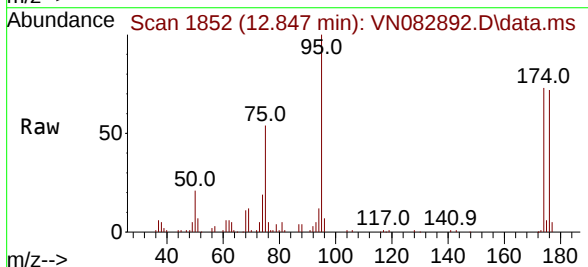
Manual Integrations
APPROVED

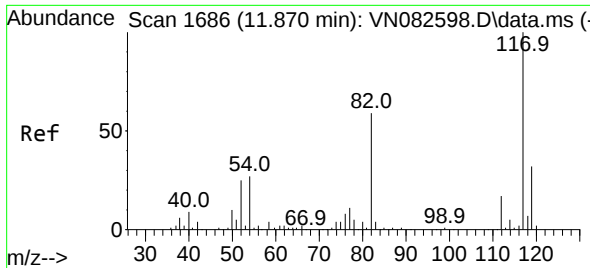
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#62
4-Bromofluorobenzene
Concen: 47.370 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

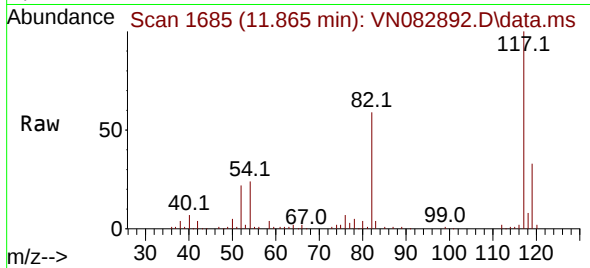
Tgt Ion: 95 Resp: 89415
Ion Ratio Lower Upper
95 100
174 78.0 0.0 159.2
176 74.9 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

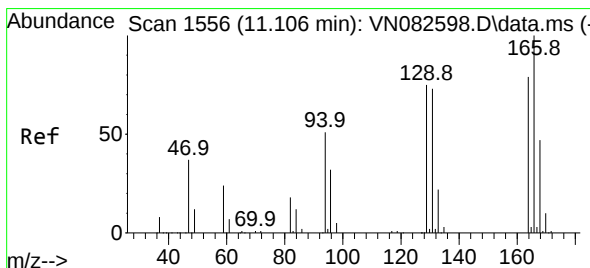
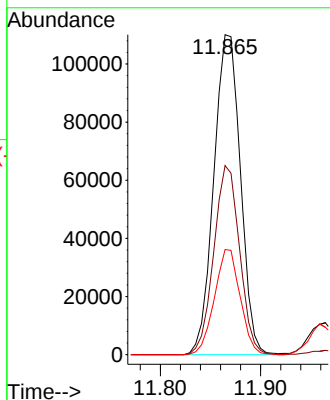
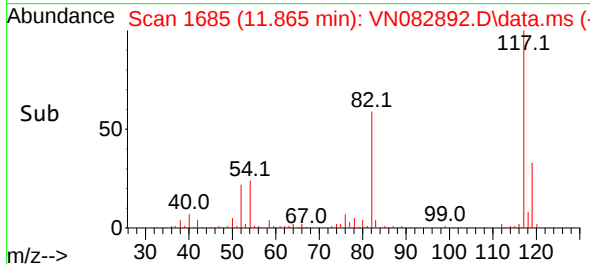
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01



Tgt Ion:117 Resp: 203194
Ion Ratio Lower Upper
117 100
82 59.1 47.5 71.3
119 32.8 25.6 38.4

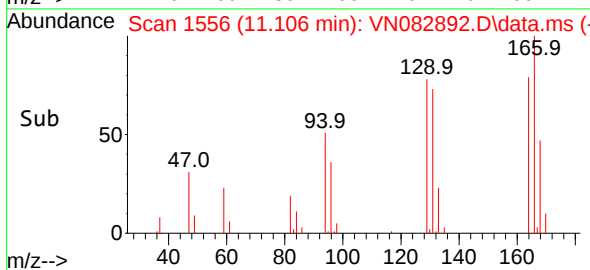
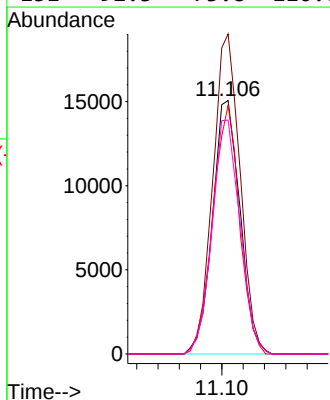
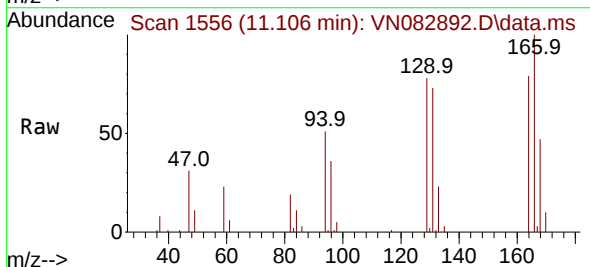
Manual Integrations
APPROVED

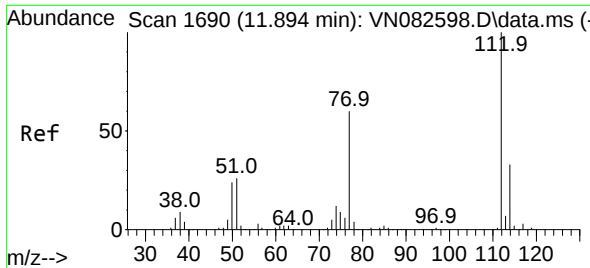
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#64
Tetrachloroethene
Concen: 17.773 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

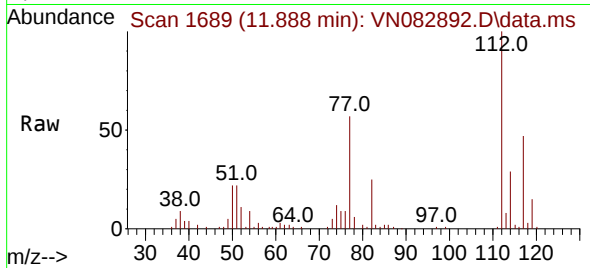
Tgt Ion:164 Resp: 26944
Ion Ratio Lower Upper
164 100
166 126.3 101.4 152.0
129 98.1 75.7 113.5
131 92.3 73.8 110.6





#65
Chlorobenzene
Concen: 18.084 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

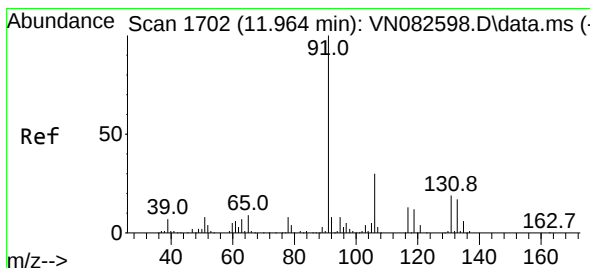
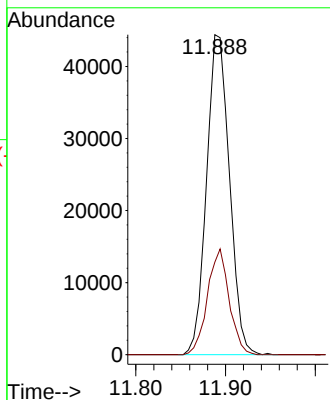
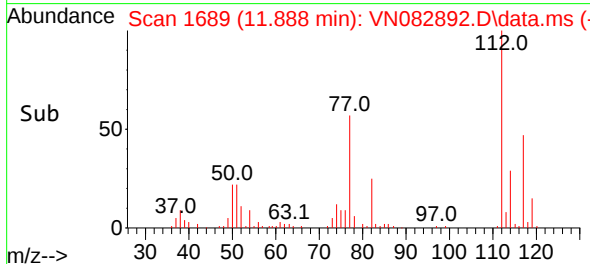
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01



Tgt Ion:112 Resp: 7874
Ion Ratio Lower Upper
112 100
114 28.9 26.2 39.2

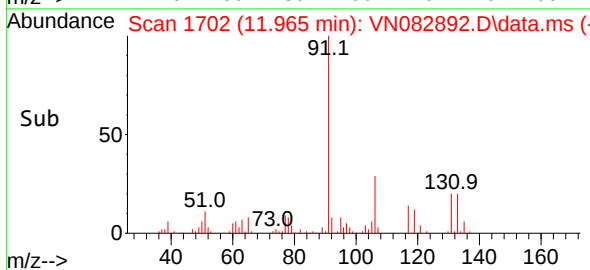
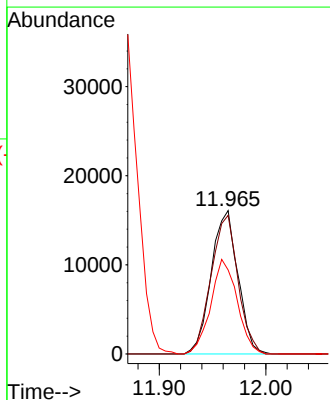
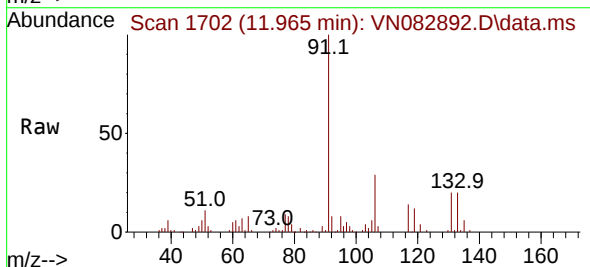
Manual Integrations
APPROVED

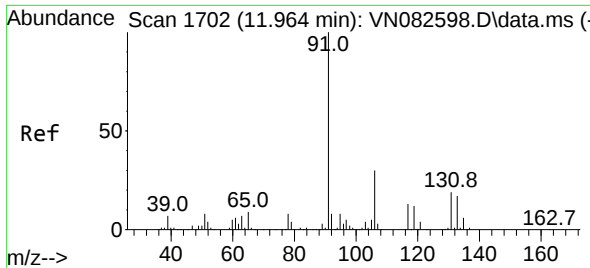
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.109 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

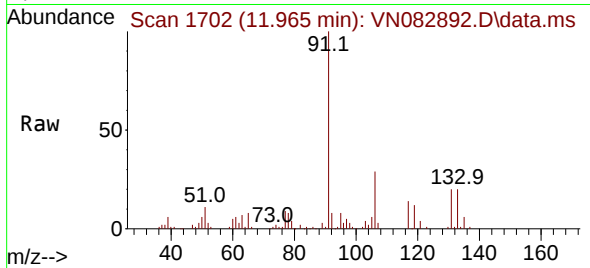
Tgt Ion:131 Resp: 28046
Ion Ratio Lower Upper
131 100
133 97.3 47.3 142.0
119 65.2 32.5 97.4





#67
Ethyl Benzene
Concen: 17.622 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

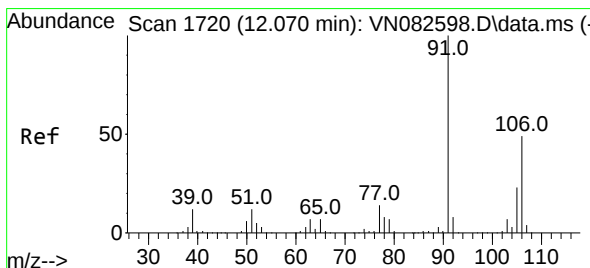
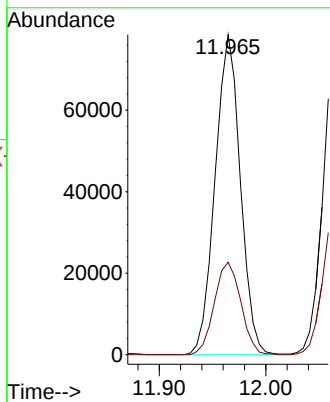
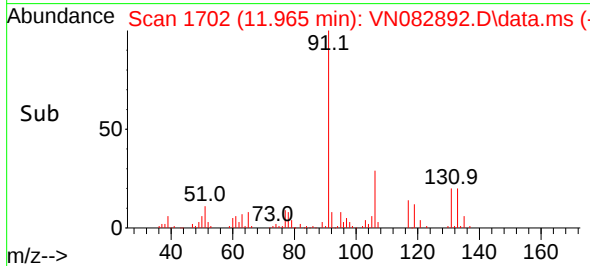
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01



Tgt Ion: 91 Resp: 128958
Ion Ratio Lower Upper
91 100
106 28.9 24.0 36.0

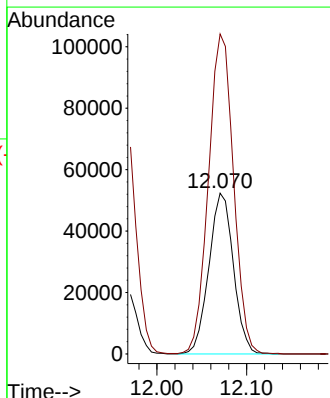
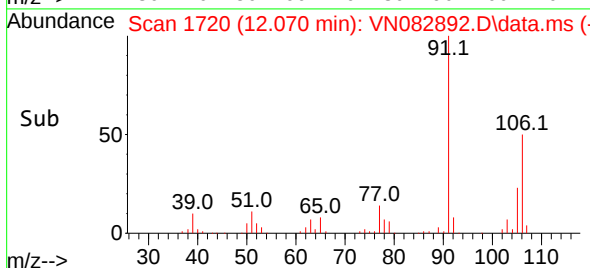
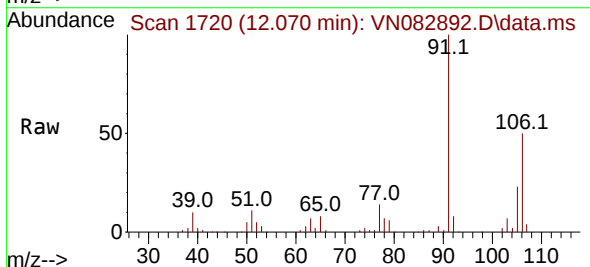
Manual Integrations
APPROVED

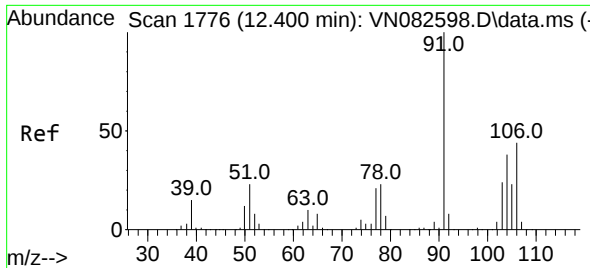
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#68
m/p-Xylenes
Concen: 35.937 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

Tgt Ion:106 Resp: 99287
Ion Ratio Lower Upper
106 100
91 203.6 166.1 249.1





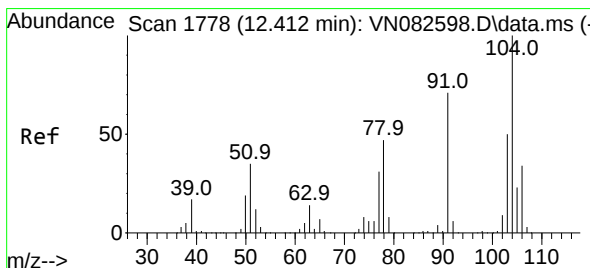
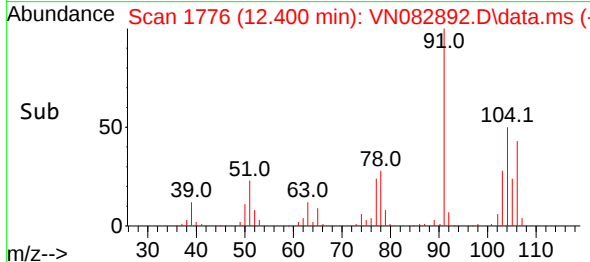
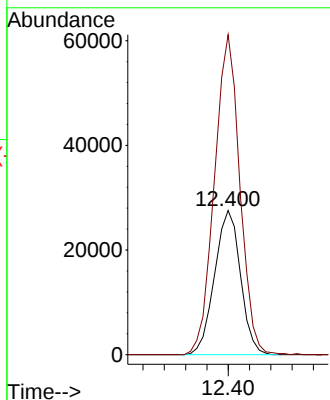
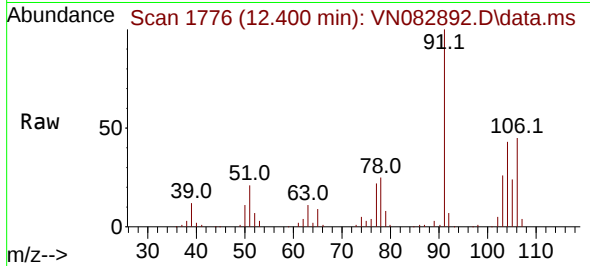
#69
o-Xylene
Concen: 17.557 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

Tgt Ion:106 Resp: 46478
Ion Ratio Lower Upper
106 100
91 217.7 111.3 333.9

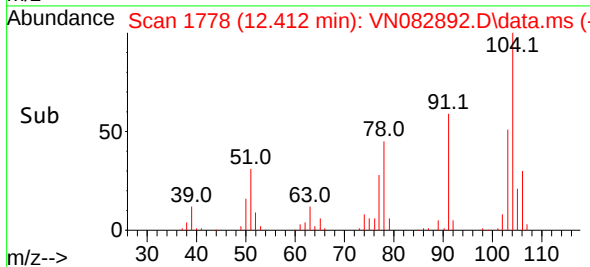
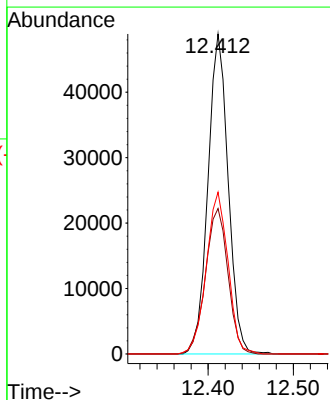
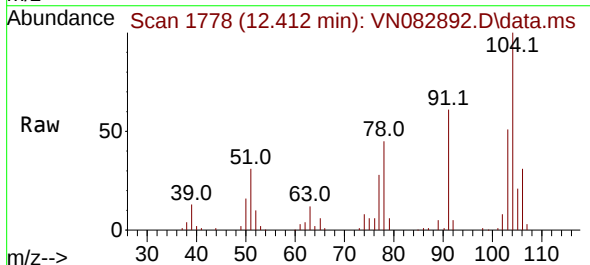
Manual Integrations
APPROVED

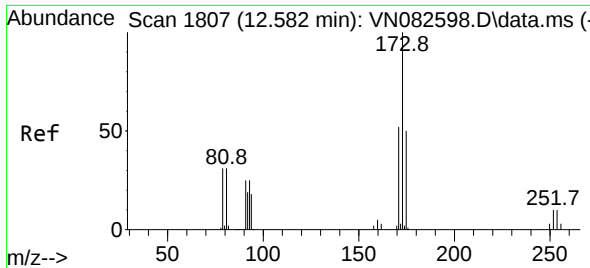
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#70
Styrene
Concen: 18.438 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

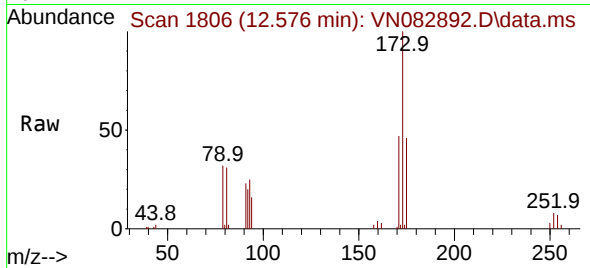
Tgt Ion:104 Resp: 80648
Ion Ratio Lower Upper
104 100
78 50.6 41.6 62.4
103 54.4 44.0 66.0





#71
Bromoform
Concen: 18.122 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

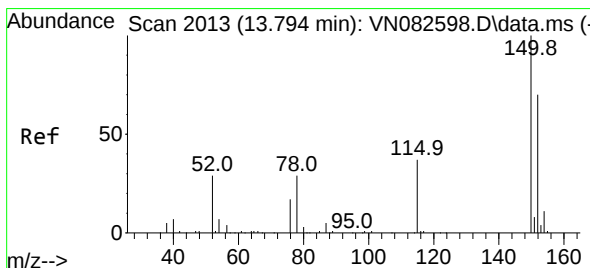
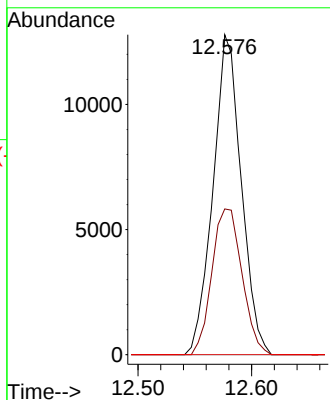
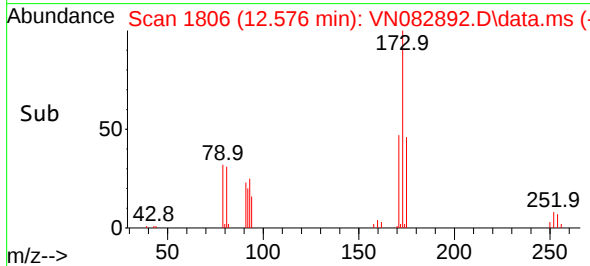
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01



Tgt Ion:173 Resp: 2207
Ion Ratio Lower Upper
173 100
175 48.6 24.0 72.0
254 0.0 0.0 0.0

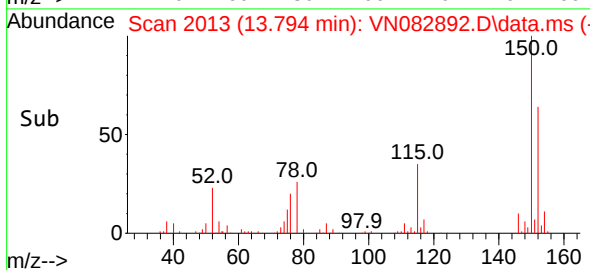
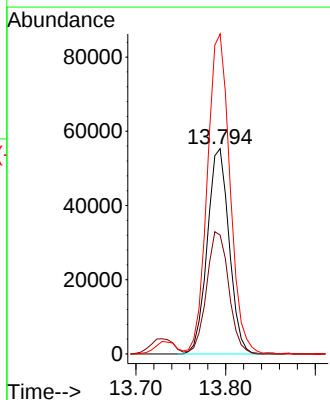
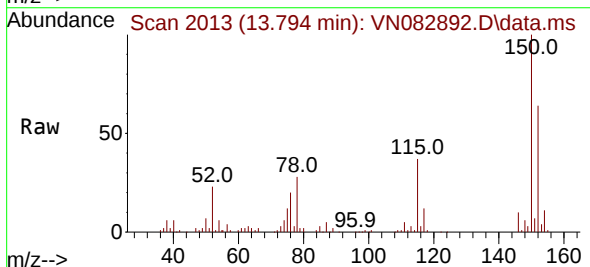
Manual Integrations
APPROVED

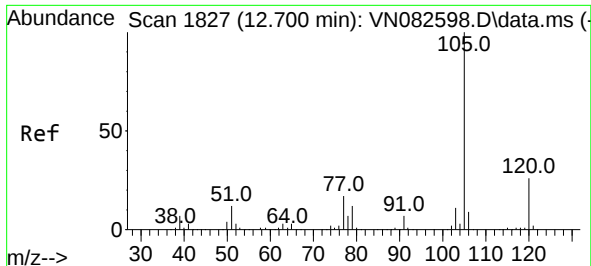
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

Tgt Ion:152 Resp: 93409
Ion Ratio Lower Upper
152 100
115 60.6 30.6 91.6
150 161.9 0.0 348.6





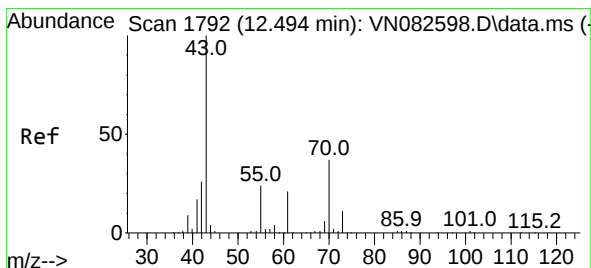
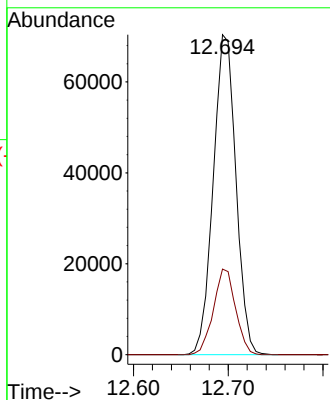
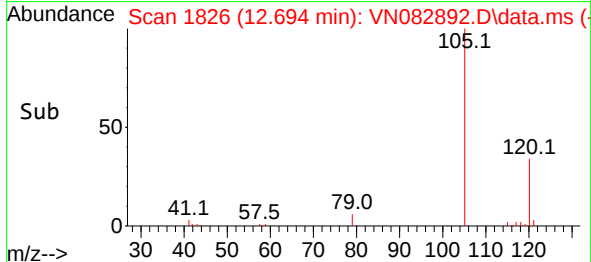
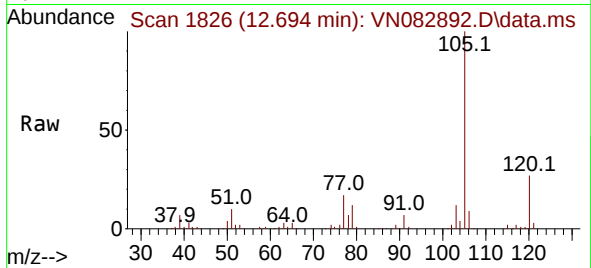
#73
Isopropylbenzene
Concen: 17.264 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

Tgt Ion:105 Resp: 117180
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.6

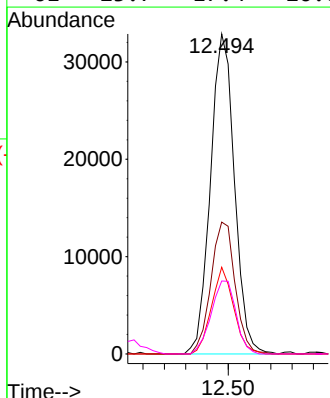
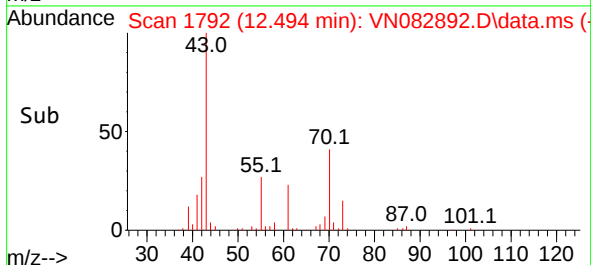
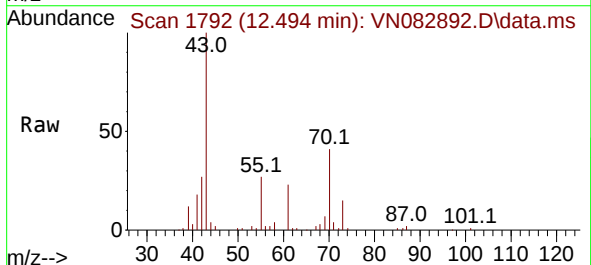
Manual Integrations
APPROVED

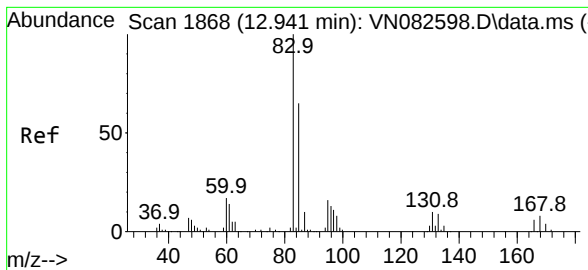
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#74
N-ethyl acetate
Concen: 18.285 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

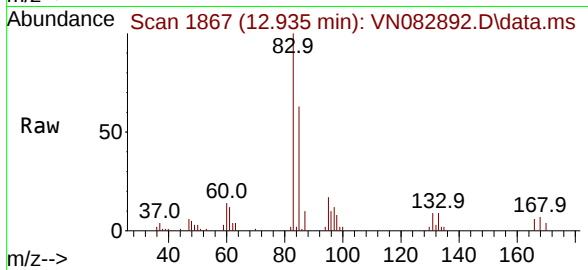
Tgt Ion: 43 Resp: 51337
Ion Ratio Lower Upper
43 100
70 41.7 29.8 44.6
55 25.1 18.7 28.1
61 23.7 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 18.841 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

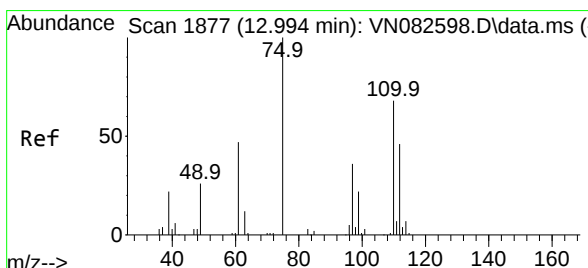
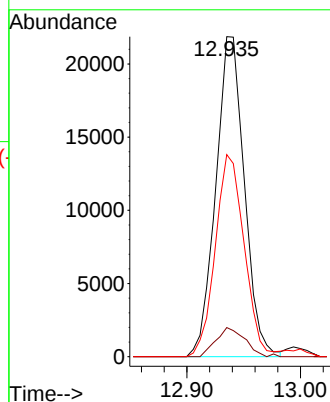
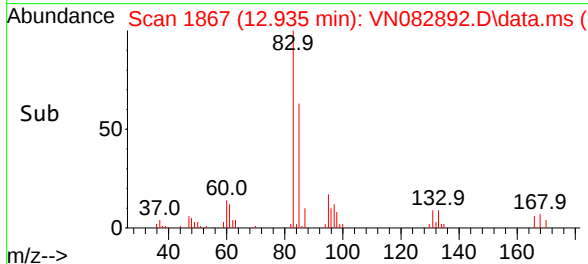
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01



Tgt Ion: 83 Resp: 38300
Ion Ratio Lower Upper
83 100
131 9.2 5.0 14.9
85 63.6 31.9 95.7

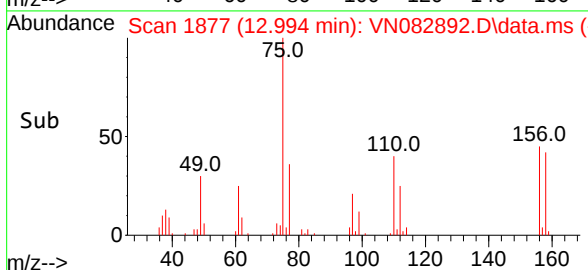
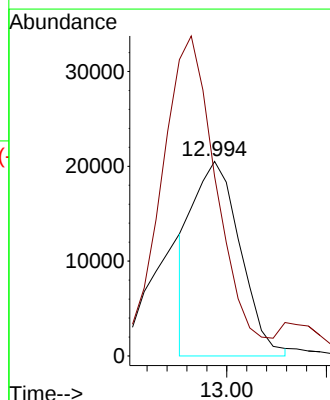
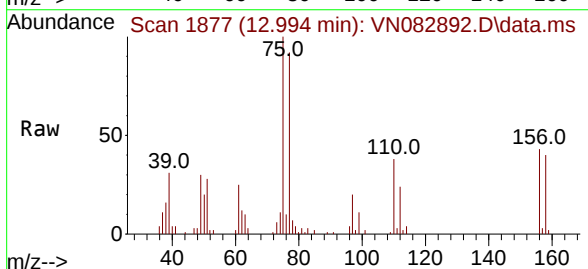
Manual Integrations
APPROVED

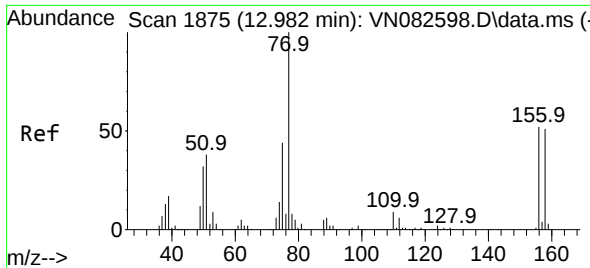
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#76
1,2,3-Trichloropropane
Concen: 21.263 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

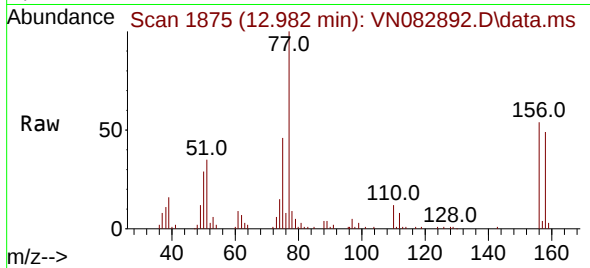
Tgt Ion: 75 Resp: 34243
Ion Ratio Lower Upper
75 100
77 192.5 110.9 332.6





#77
Bromobenzene
Concen: 17.468 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

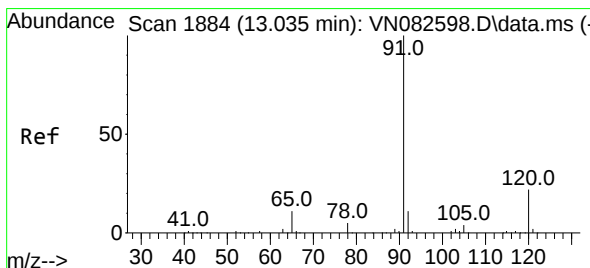
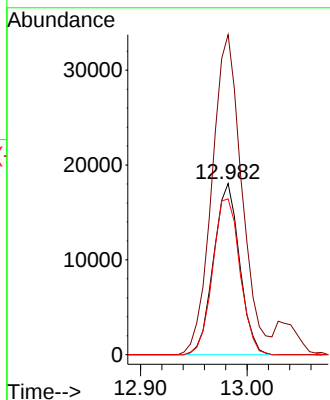
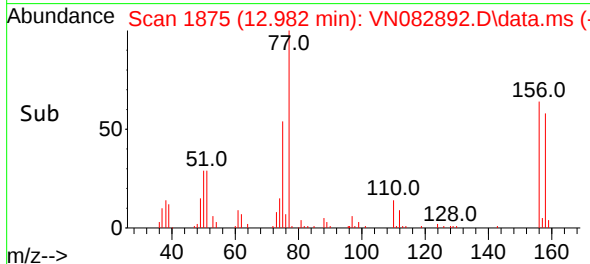
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01



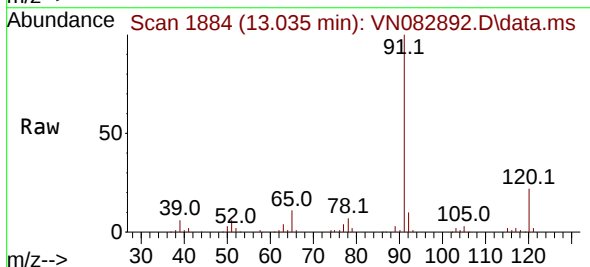
Tgt Ion:156 Resp: 30588
Ion Ratio Lower Upper
156 100
77 215.5 111.3 333.8
158 95.5 48.3 144.9

Manual Integrations
APPROVED

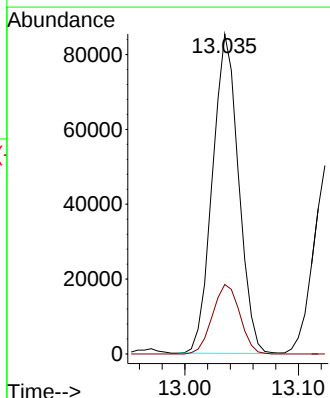
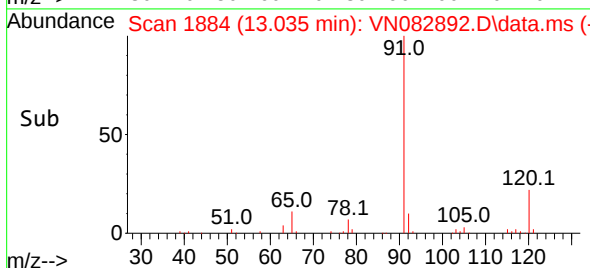
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

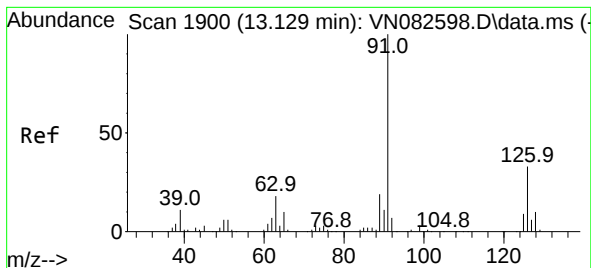


#78
n-propylbenzene
Concen: 17.455 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05



Tgt Ion: 91 Resp: 136220
Ion Ratio Lower Upper
91 100
120 22.7 10.9 32.9





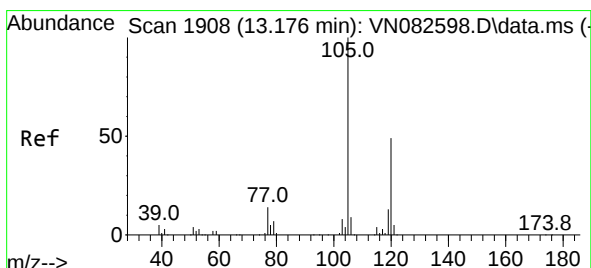
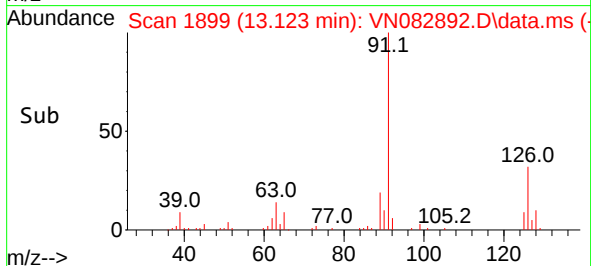
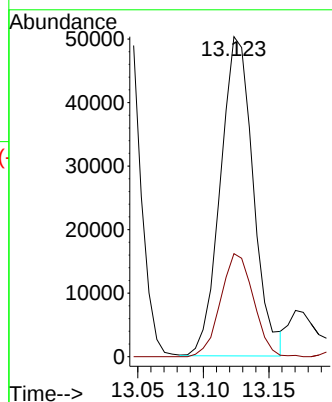
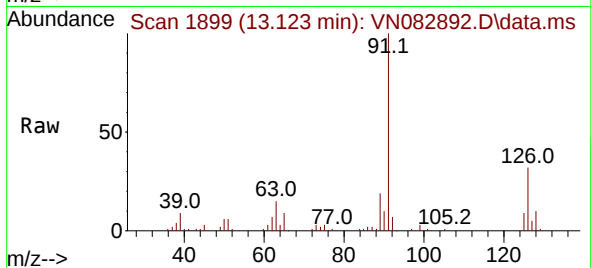
#79
2-Chlorotoluene
Concen: 17.624 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

Tgt Ion: 91 Resp: 87630
Ion Ratio Lower Upper
91 100
126 32.2 16.2 48.6

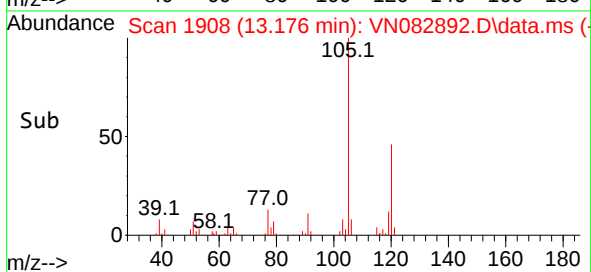
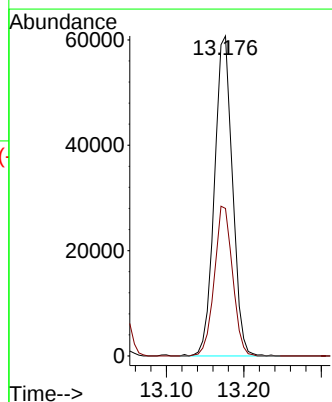
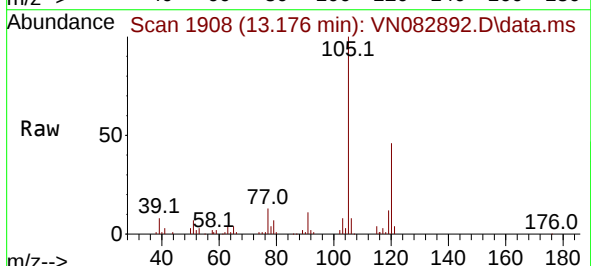
Manual Integrations
APPROVED

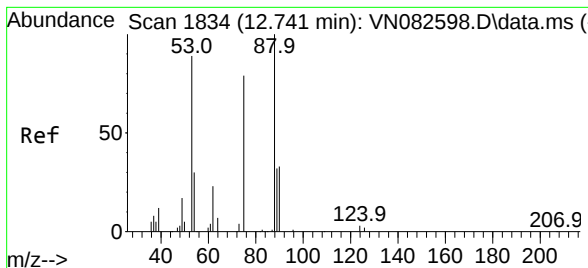
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#80
1,3,5-Trimethylbenzene
Concen: 17.891 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

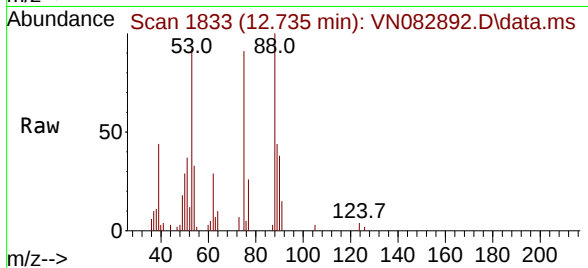
Tgt Ion:105 Resp: 98161
Ion Ratio Lower Upper
105 100
120 47.2 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 16.716 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

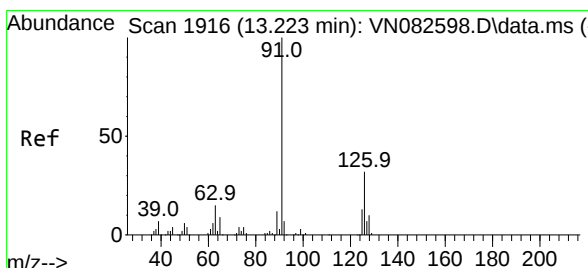
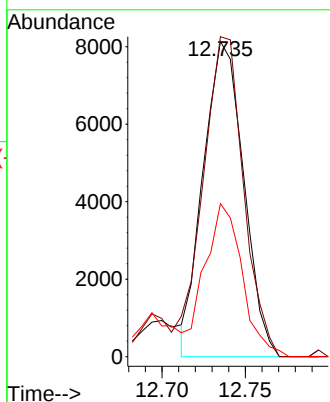
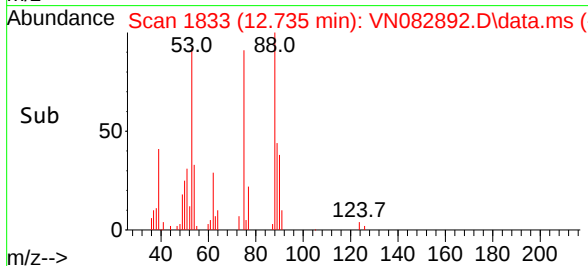
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01



Tgt Ion: 75 Resp: 1368
Ion Ratio Lower Upper
75 100
53 102.4 88.4 132.6
89 45.3 36.3 54.5

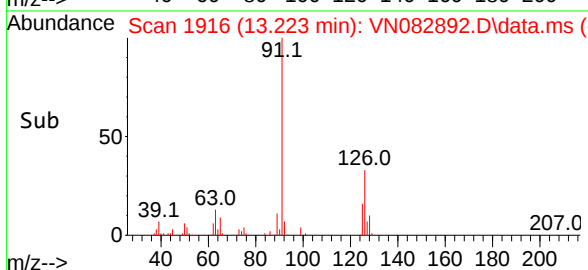
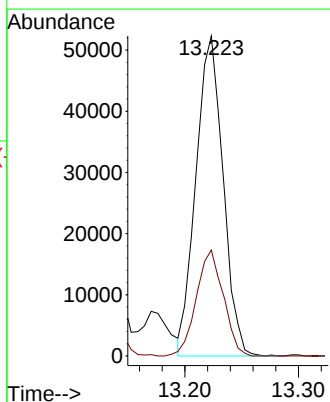
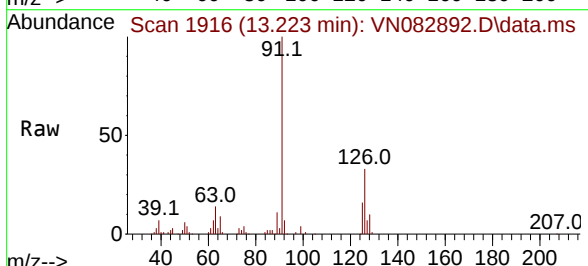
Manual Integrations
APPROVED

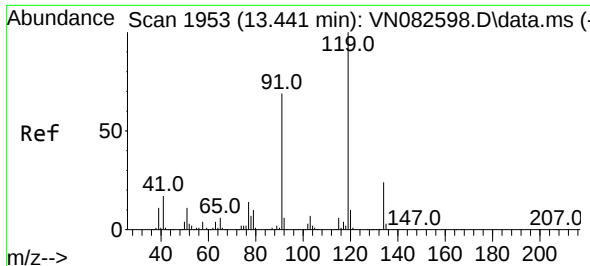
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#82
4-Chlorotoluene
Concen: 17.637 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

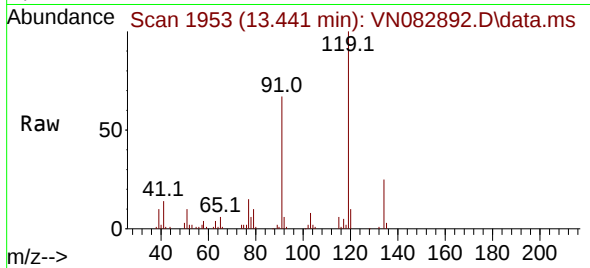
Tgt Ion: 91 Resp: 86804
Ion Ratio Lower Upper
91 100
126 32.9 16.2 48.6





#83
tert-Butylbenzene
Concen: 16.750 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

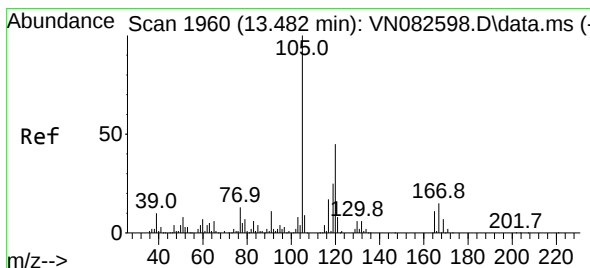
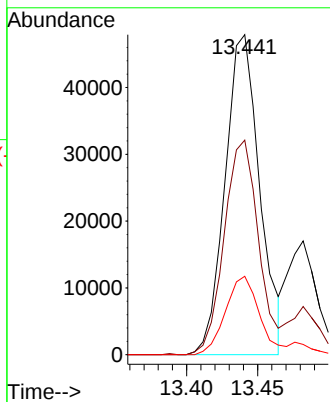
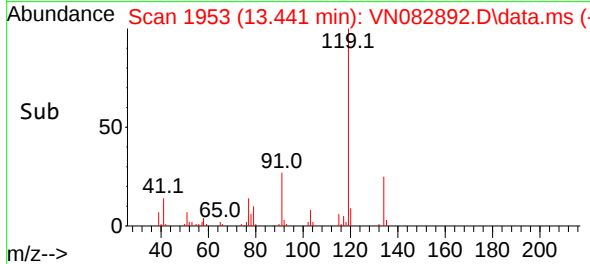
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01



Tgt Ion:119 Resp: 8147
Ion Ratio Lower Upper
119 100
91 66.3 35.0 105.1
134 24.1 13.3 39.8

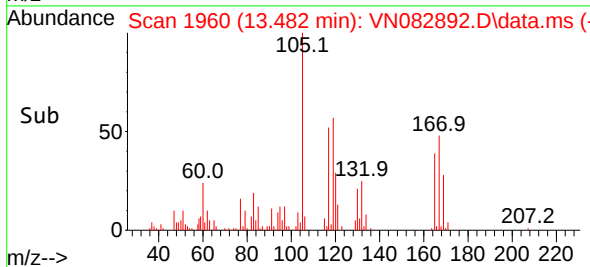
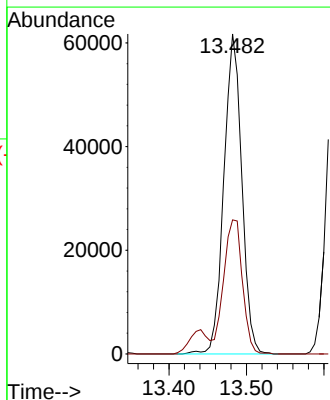
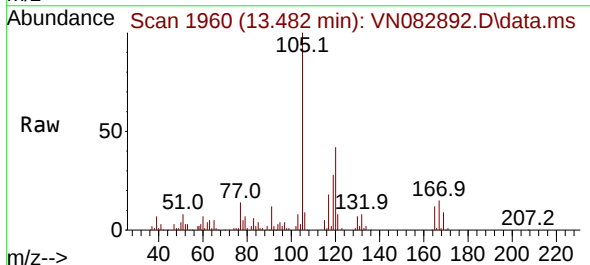
Manual Integrations
APPROVED

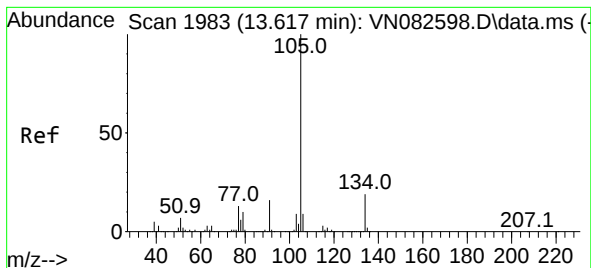
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#84
1,2,4-Trimethylbenzene
Concen: 17.747 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

Tgt Ion:105 Resp: 99242
Ion Ratio Lower Upper
105 100
120 44.2 21.9 65.8





#85

sec-Butylbenzene

Concen: 17.196 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBS01

Tgt Ion:105 Resp: 11303

Ion Ratio Lower Upper

105 100

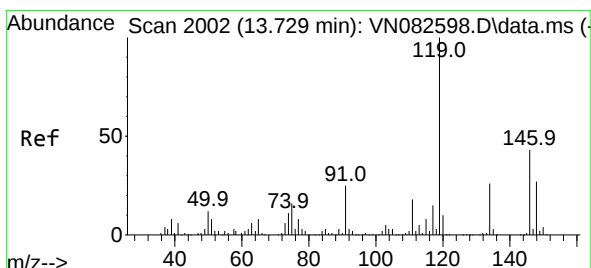
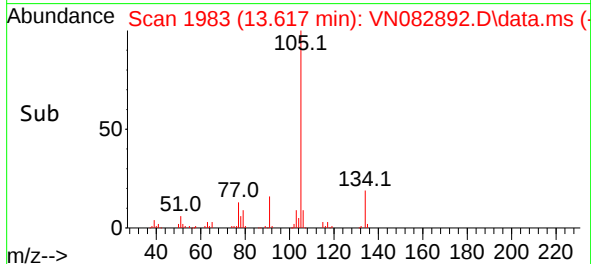
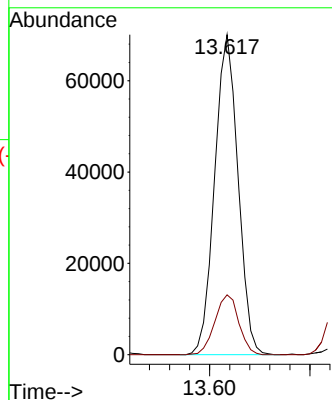
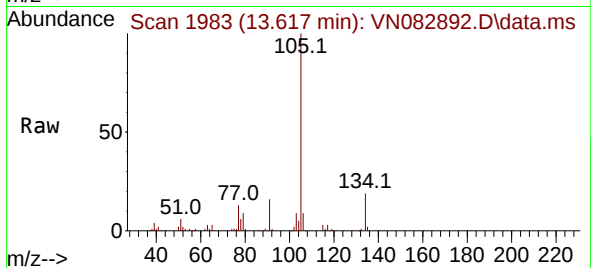
134 19.1 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#86

p-Isopropyltoluene

Concen: 16.504 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082892.D

Acq: 12 Jul 2024 12:05

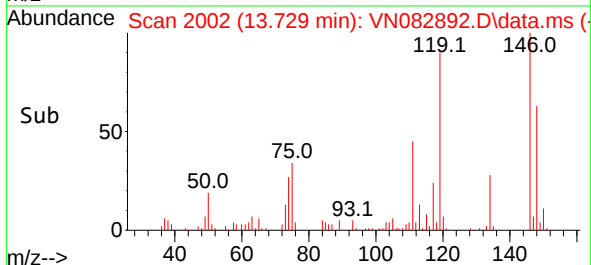
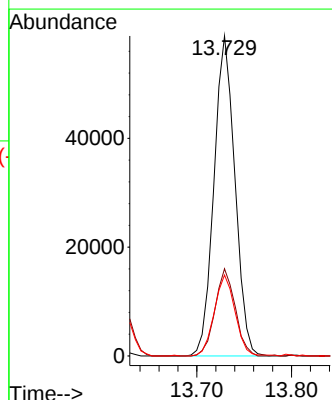
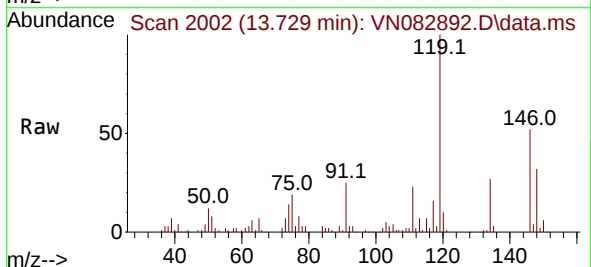
Tgt Ion:119 Resp: 90507

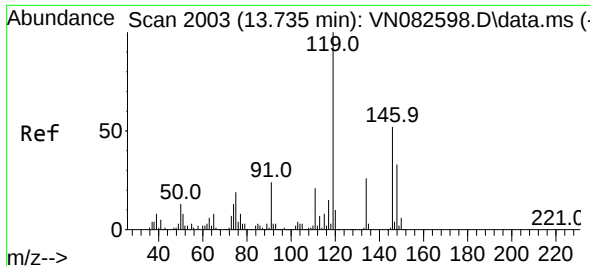
Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

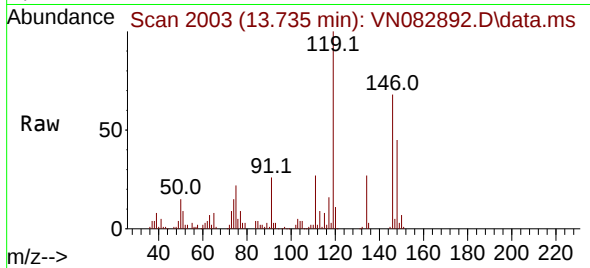
91 25.1 12.3 36.9





#87
 1,3-Dichlorobenzene
 Concen: 17.275 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN082892.D
 Acq: 12 Jul 2024 12:05

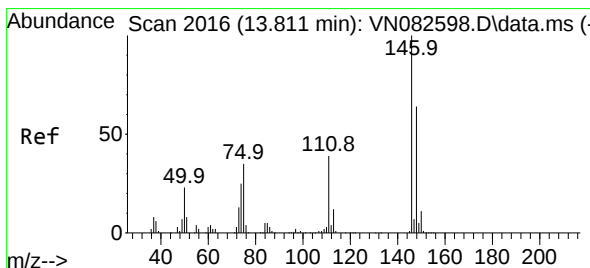
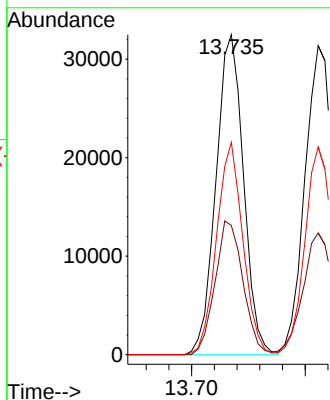
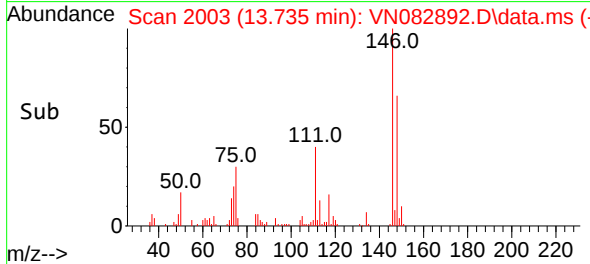
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBS01



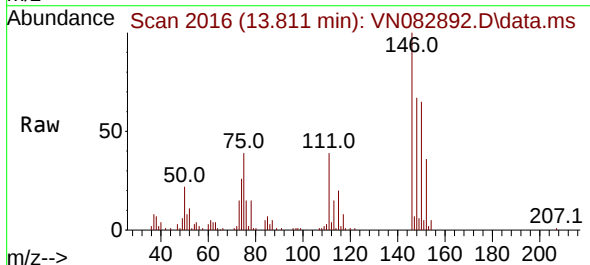
Tgt Ion:146 Resp: 5464
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.6 61.9
 148 63.5 31.8 95.3

Manual Integrations
 APPROVED

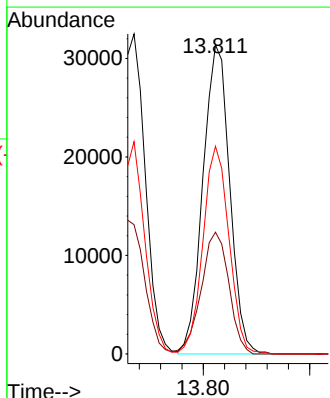
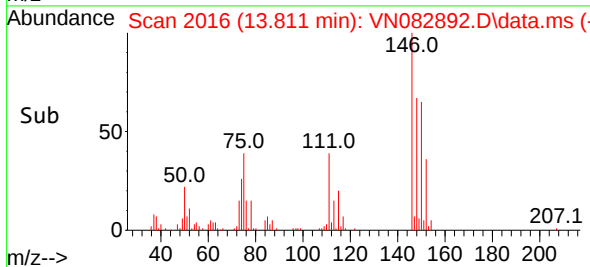
Reviewed By :John Carlone 07/15/2024
 Supervised By :Mahesh Dadoda 07/15/2024

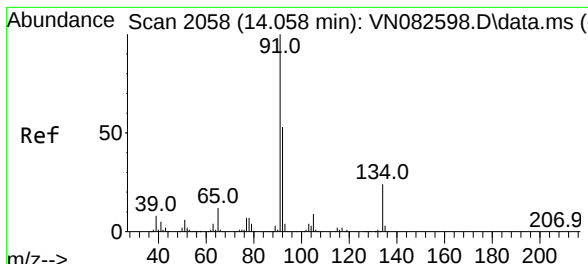


#88
 1,4-Dichlorobenzene
 Concen: 16.741 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN082892.D
 Acq: 12 Jul 2024 12:05



Tgt Ion:146 Resp: 54765
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.1 60.3
 148 65.4 32.2 96.6



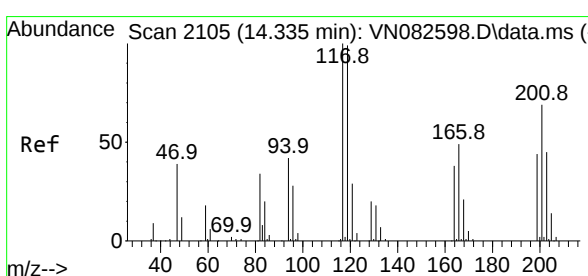
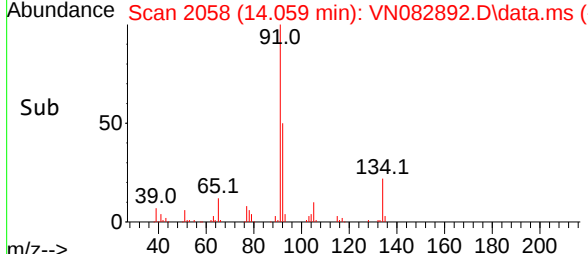
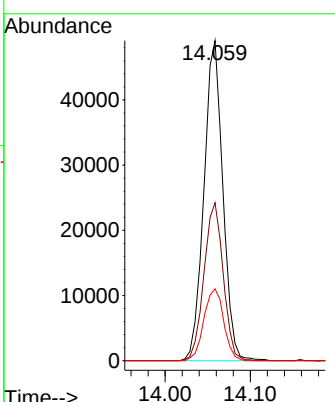
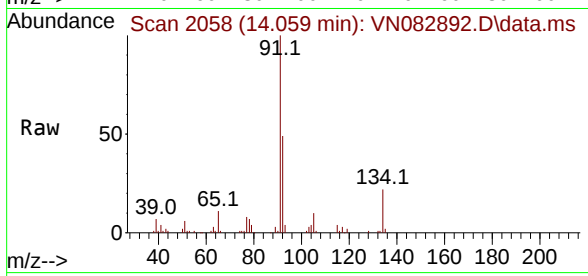


#89
 n-Butylbenzene
 Concen: 16.118 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. 0.001 min
 Lab File: VN082892.D
 Acq: 12 Jul 2024 12:05

Instrument : MSVOA_N
 ClientSampleId : VN0712WBS01

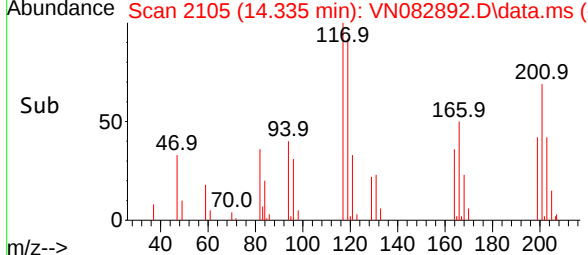
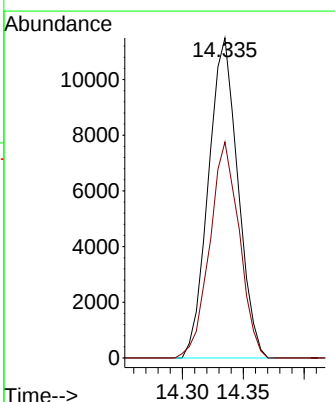
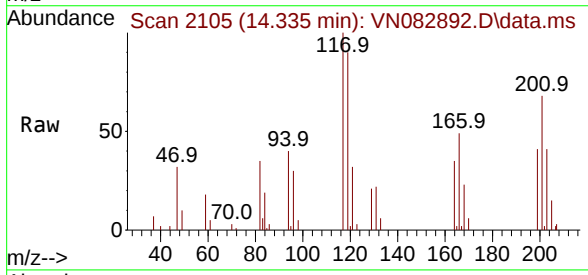
Tgt Ion:	91	Resp:	75720
Ion	Ratio	Lower	Upper
91	100		
92	50.1	26.1	78.3
134	23.5	12.1	36.3

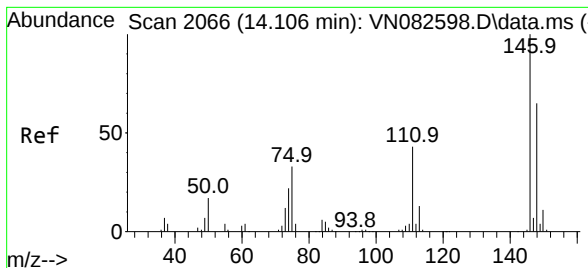
Manual Integrations
APPROVED
 Reviewed By :John Carlone 07/15/2024
 Supervised By :Mahesh Dadoda 07/15/2024



#90
 Hexachloroethane
 Concen: 16.688 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. -0.000 min
 Lab File: VN082892.D
 Acq: 12 Jul 2024 12:05

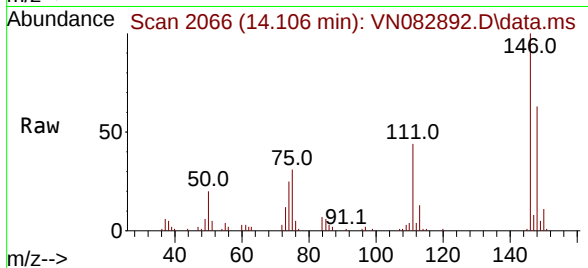
Tgt Ion:	117	Resp:	19365
Ion	Ratio	Lower	Upper
117	100		
201	67.7	35.8	107.3





#91
1,2-Dichlorobenzene
Concen: 17.067 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

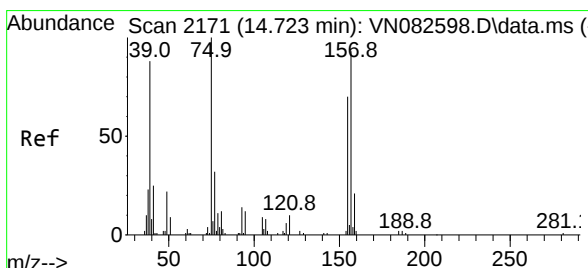
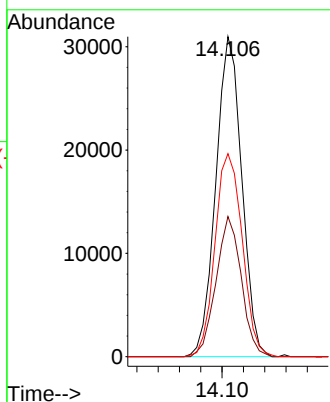
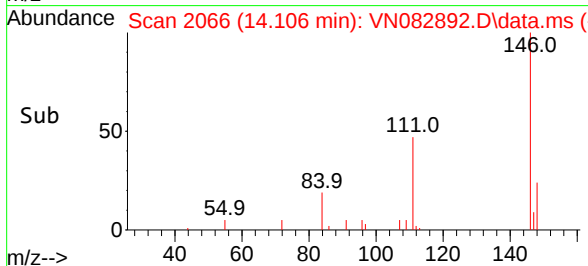
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01



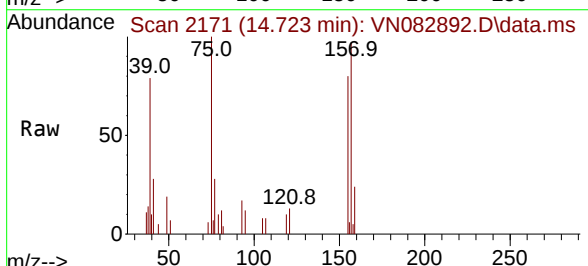
Tgt Ion:146 Resp: 52418
Ion Ratio Lower Upper
146 100
111 42.6 21.4 64.2
148 66.6 32.1 96.5

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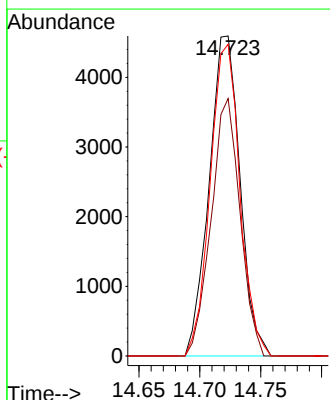
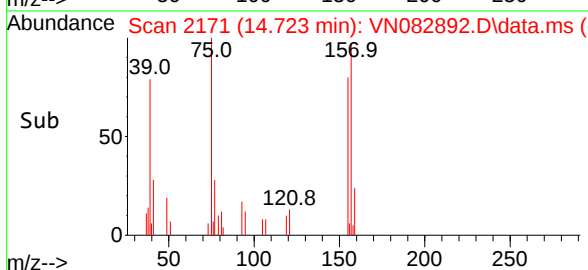
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

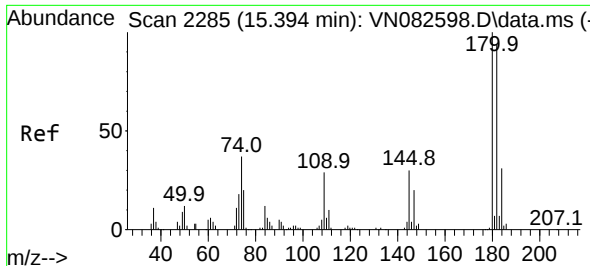


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.253 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05



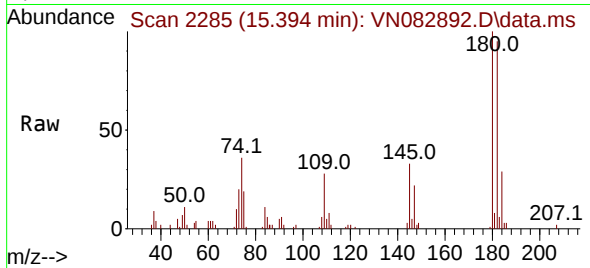
Tgt Ion: 75 Resp: 8114
Ion Ratio Lower Upper
75 100
155 75.2 36.6 109.8
157 93.6 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 15.569 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

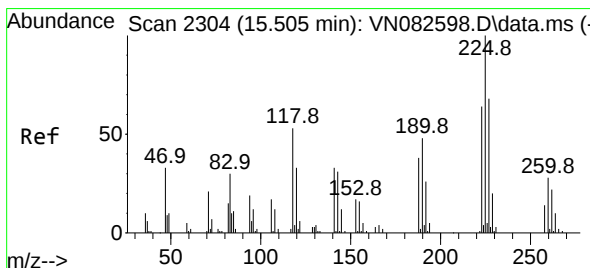
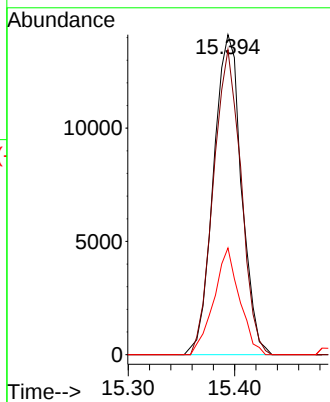
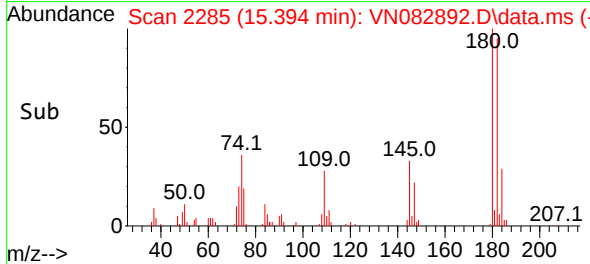
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01



Tgt Ion:180 Resp: 2575
Ion Ratio Lower Upper
180 100
182 93.7 47.3 141.8
145 30.7 15.7 47.1

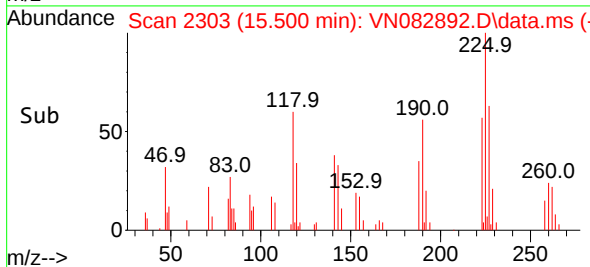
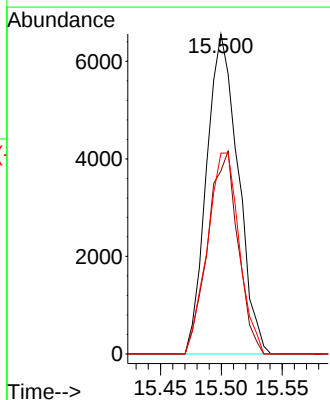
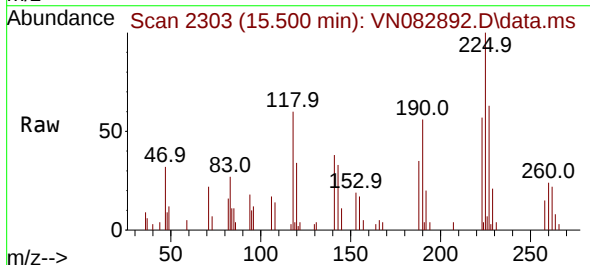
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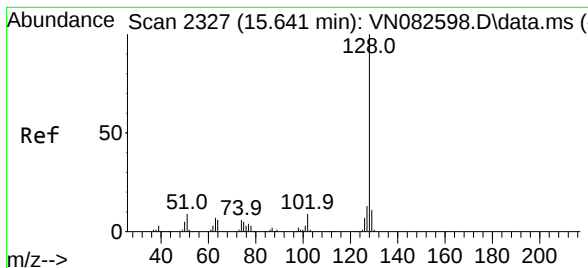
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#94
Hexachlorobutadiene
Concen: 16.124 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.005 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

Tgt Ion:225 Resp: 11825
Ion Ratio Lower Upper
225 100
223 60.5 31.9 95.7
227 63.4 32.5 97.5





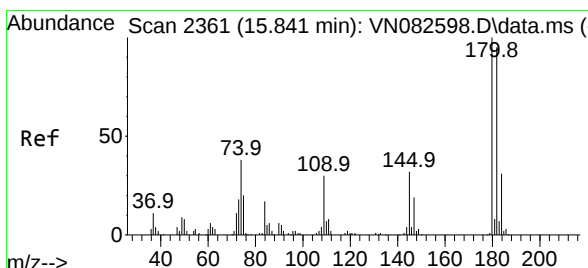
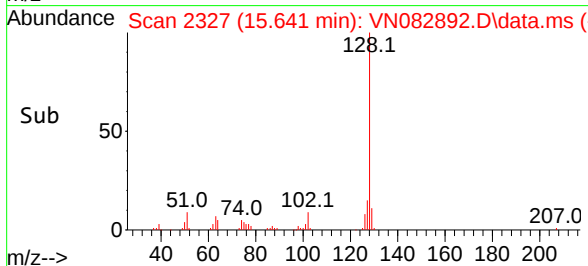
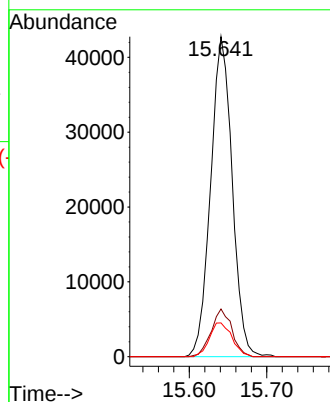
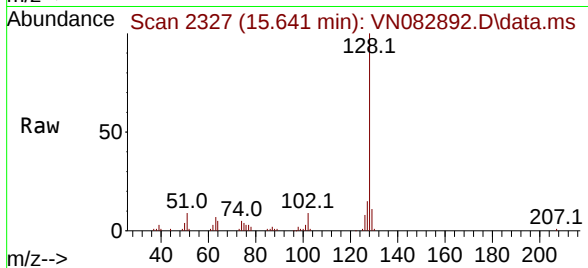
#95
Naphthalene
Concen: 14.590 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.6	16.0
129	11.1	8.6	12.8

Manual Integrations
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Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#96
1,2,3-Trichlorobenzene
Concen: 15.137 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082892.D
Acq: 12 Jul 2024 12:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.9	146.8
145	33.7	16.8	50.4

