

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082893.D
 Acq On : 12 Jul 2024 12:39
 Operator : JC\MD
 Sample : VN0712WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jul 15 01:09:30 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	8.224	168	122498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	211497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	174747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	79190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	91852	53.490	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.980%			
35) Dibromofluoromethane	8.171	113	68739	50.651	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.300%			
50) Toluene-d8	10.565	98	229571	45.800	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.600%			
62) 4-Bromofluorobenzene	12.847	95	76794	42.651	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 85.300%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	30197	19.041	ug/l	94
3) Chloromethane	2.359	50	27999	18.616	ug/l	99
4) Vinyl Chloride	2.518	62	29297	18.547	ug/l	99
5) Bromomethane	2.959	94	18211	15.990	ug/l	91
6) Chloroethane	3.124	64	20029	18.529	ug/l	91
7) Trichlorofluoromethane	3.495	101	39665	17.459	ug/l	96
8) Diethyl Ether	3.959	74	15041	19.345	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.365	101	25911	20.151	ug/l	97
10) Methyl Iodide	4.589	142	21261	16.128	ug/l	94
11) Tert butyl alcohol	5.524	59	25384	87.889	ug/l	97
12) 1,1-Dichloroethene	4.336	96	23221	18.569	ug/l	87
13) Acrolein	4.177	56	21460	102.916	ug/l	92
14) Allyl chloride	5.024	41	36191	18.562	ug/l #	94
15) Acrylonitrile	5.718	53	66327	99.928	ug/l	98
16) Acetone	4.430	43	55822	92.333	ug/l	94
17) Carbon Disulfide	4.712	76	64758	17.330	ug/l	99
18) Methyl Acetate	5.024	43	32121	20.079	ug/l #	89
19) Methyl tert-butyl Ether	5.800	73	81767	18.956	ug/l	97
20) Methylene Chloride	5.277	84	28521	19.534	ug/l #	80
21) trans-1,2-Dichloroethene	5.789	96	25160	18.569	ug/l	88
22) Diisopropyl ether	6.671	45	84783	20.785	ug/l #	94
23) Vinyl Acetate	6.606	43	332949	102.782	ug/l #	95
24) 1,1-Dichloroethane	6.571	63	48865	19.749	ug/l	99
25) 2-Butanone	7.489	43	88132	96.544	ug/l	97
26) 2,2-Dichloropropane	7.489	77	42415	18.437	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	29640	18.685	ug/l	92
28) Bromochloromethane	7.818	49	25227	23.766	ug/l	90
29) Tetrahydrofuran	7.841	42	56831	98.888	ug/l #	88
30) Chloroform	7.959	83	52611	20.043	ug/l	99
31) Cyclohexane	8.259	56	41408	18.445	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	45840	18.809	ug/l	96
36) 1,1-Dichloropropene	8.371	75	34313	18.338	ug/l	99
37) Ethyl Acetate	7.565	43	35877	18.833	ug/l #	95
38) Carbon Tetrachloride	8.359	117	40080	17.791	ug/l	98
39) Methylcyclohexane	9.600	83	33350	16.501	ug/l	96
40) Benzene	8.606	78	110439	19.188	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	19750	19.244	ug/l	94
42) 1,2-Dichloroethane	8.671	62	40630	19.609	ug/l	96
43) Isopropyl Acetate	8.688	43	67859	16.929	ug/l	96
44) Trichloroethene	9.353	130	25490	17.286	ug/l	97
45) 1,2-Dichloropropane	9.624	63	27852	20.728	ug/l	98
46) Dibromomethane	9.712	93	20579	19.658	ug/l	97
47) Bromodichloromethane	9.888	83	42583	19.687	ug/l #	99
48) Methyl methacrylate	9.683	41	28236	18.903	ug/l	89
49) 1,4-Dioxane	9.700	88	11925	361.841	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	171608	90.868	ug/l	94
52) Toluene	10.630	92	62088	17.269	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	37517	16.837	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	44174	18.729	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	23783	17.989	ug/l	96
56) Ethyl methacrylate	10.877	69	35321	17.172	ug/l	87
57) 1,3-Dichloropropane	11.165	76	40537	17.322	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	101246	95.927	ug/l	97
59) 2-Hexanone	11.194	43	119035	84.777	ug/l	93
60) Dibromochloromethane	11.359	129	28506	16.929	ug/l	100
61) 1,2-Dibromoethane	11.471	107	24807	17.669	ug/l	98
64) Tetrachloroethene	11.106	164	22777	17.471	ug/l	91
65) Chlorobenzene	11.888	112	68689	18.344	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	24791	18.613	ug/l	99
67) Ethyl Benzene	11.965	91	110508	17.559	ug/l	97
68) m/p-Xylenes	12.071	106	84309	35.483	ug/l	98
69) o-Xylene	12.400	106	40985	18.002	ug/l	94
70) Styrene	12.412	104	69434	18.458	ug/l	99
71) Bromoform	12.582	173	18235	17.408	ug/l #	95
73) Isopropylbenzene	12.700	105	101575	17.652	ug/l	100
74) N-amyl acetate	12.494	43	45114	18.954	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	33575	19.482	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	29995m	21.970	ug/l	
77) Bromobenzene	12.982	156	26908	18.126	ug/l	94
78) n-propylbenzene	13.035	91	118381	17.893	ug/l	99
79) 2-Chlorotoluene	13.123	91	74598	17.696	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	83961	18.051	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	11833m	17.046	ug/l	
82) 4-Chlorotoluene	13.223	91	73947	17.722	ug/l	96
83) tert-Butylbenzene	13.441	119	69365	16.821	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	85299	17.993	ug/l	99
85) sec-Butylbenzene	13.618	105	98465	17.670	ug/l	99
86) p-Isopropyltoluene	13.729	119	80941	17.410	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	48051	17.918	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	48996	17.666	ug/l	98
89) n-Butylbenzene	14.059	91	67350	16.909	ug/l	98
90) Hexachloroethane	14.335	117	16727	17.003	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	47225	18.137	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	6792	17.036	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	22757	16.226	ug/l	99
94) Hexachlorobutadiene	15.500	225	10118	16.273	ug/l	96
95) Naphthalene	15.641	128	76548	15.935	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	23745	16.466	ug/l	97

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MSVOA_N
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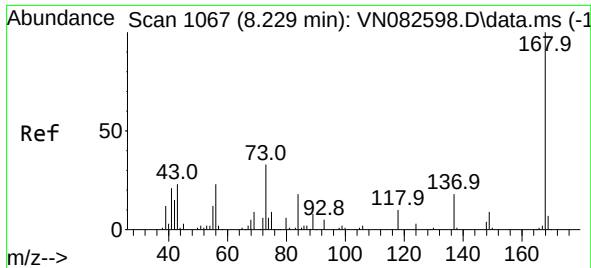
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

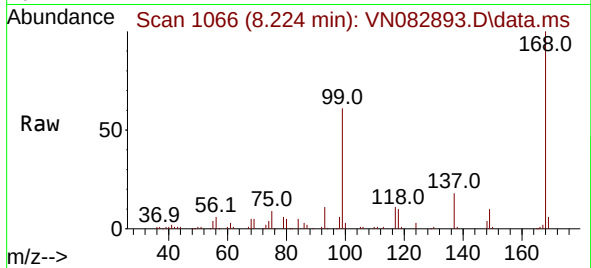
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1067
Delta R.T. -0.005 min
Lab File: VN082893.D
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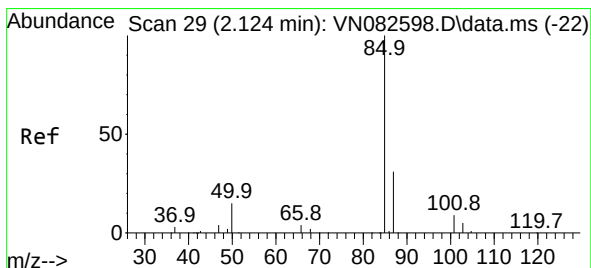
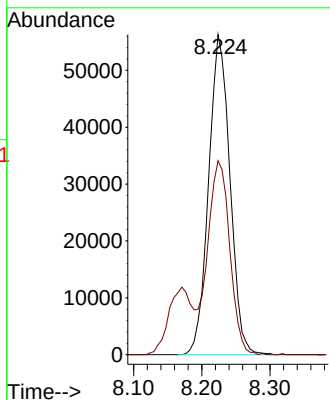
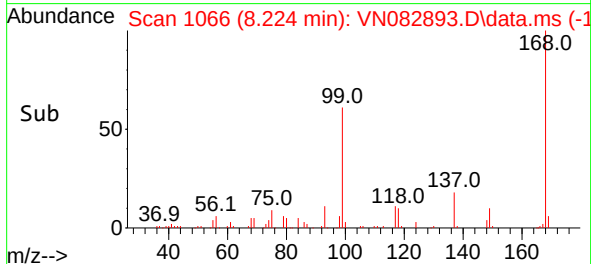
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion:168 Resp: 122498
Ion Ratio Lower Upper
168 100
99 60.6 48.2 72.4

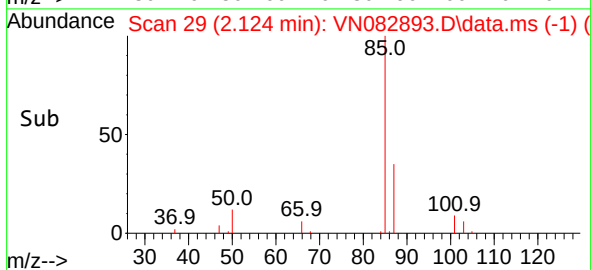
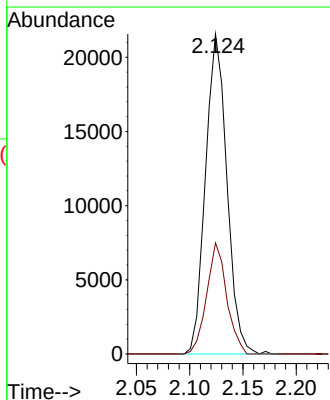
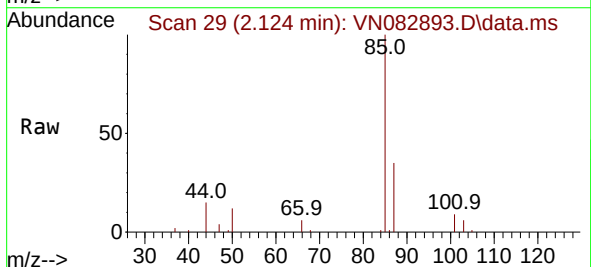
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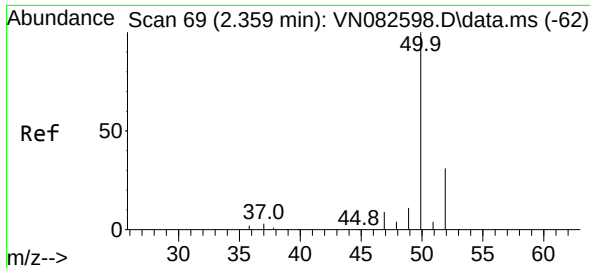
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#2
Dichlorodifluoromethane
Concen: 19.041 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

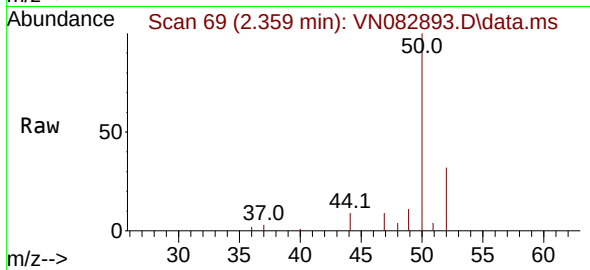
Tgt Ion: 85 Resp: 30197
Ion Ratio Lower Upper
85 100
87 34.7 15.7 47.0





#3
Chloromethane
Concen: 18.616 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

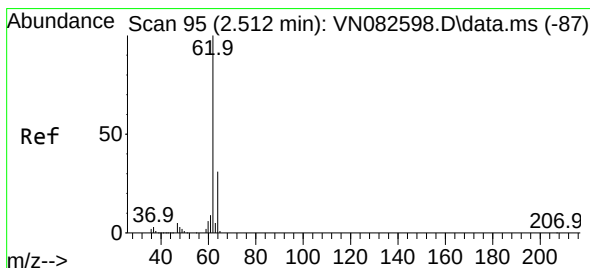
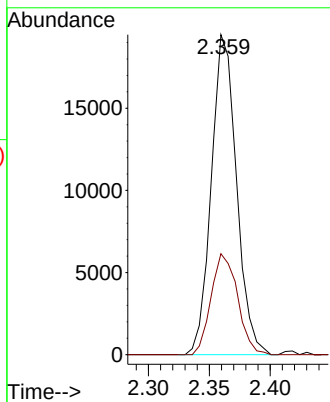
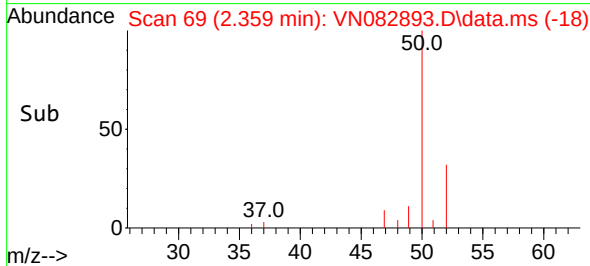
Instrument :
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VN0712WBSD01



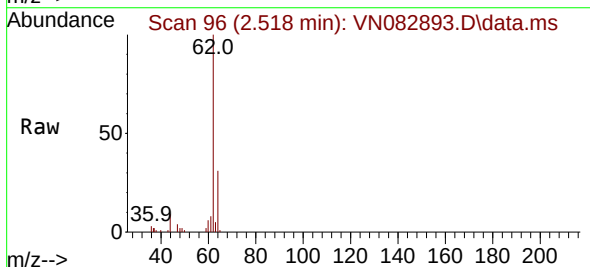
Tgt Ion: 50 Resp: 2799
Ion Ratio Lower Upper
50 100
52 31.5 25.0 37.4

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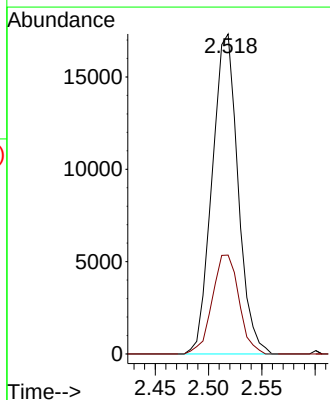
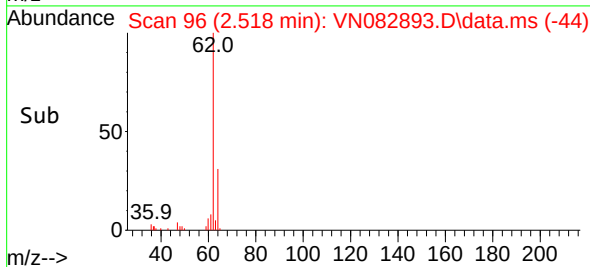
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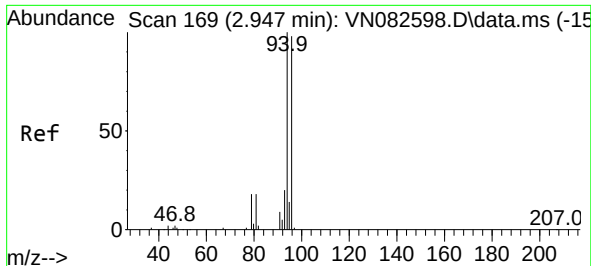


#4
Vinyl Chloride
Concen: 18.547 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39



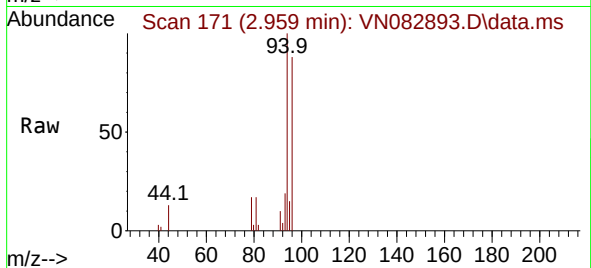
Tgt Ion: 62 Resp: 29297
Ion Ratio Lower Upper
62 100
64 30.9 25.0 37.6





#5
Bromomethane
Concen: 15.990 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

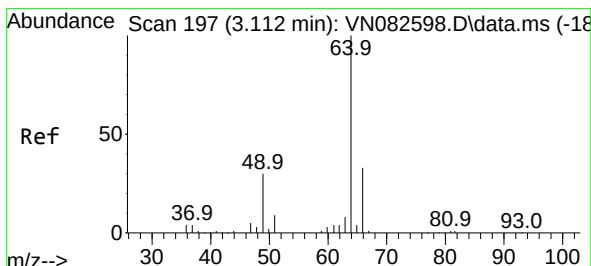
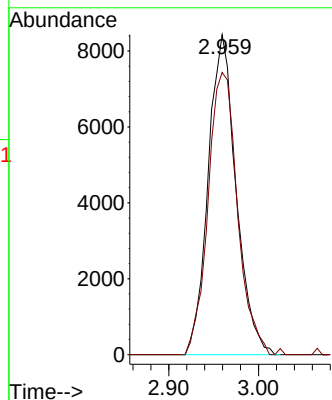
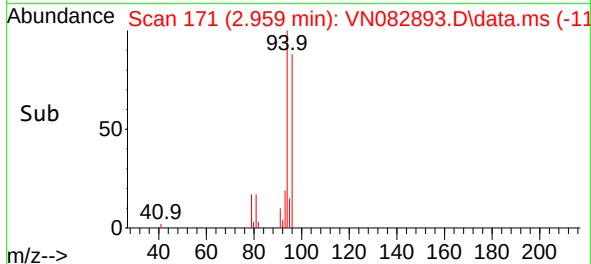
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ClientSampleId :
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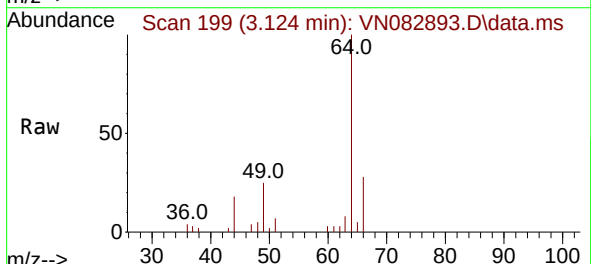
Tgt Ion: 94 Resp: 1821
Ion Ratio Lower Upper
94 100
96 88.2 78.0 117.0

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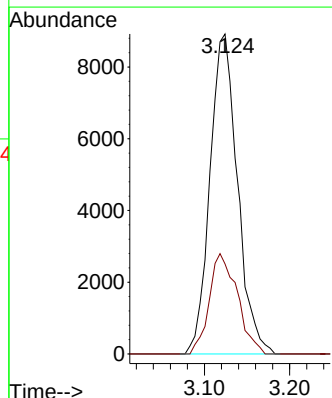
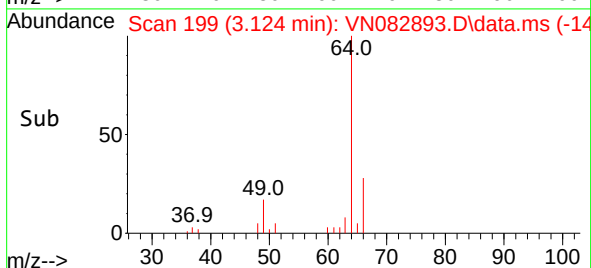
Reviewed By :John Carlone 07/15/2024
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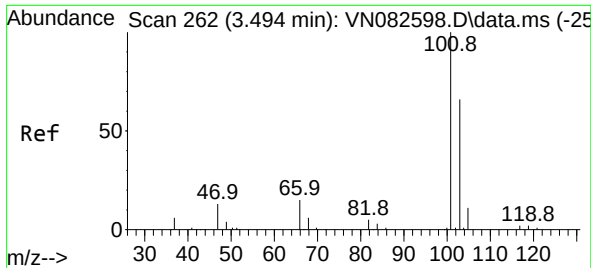


#6
Chloroethane
Concen: 18.529 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39



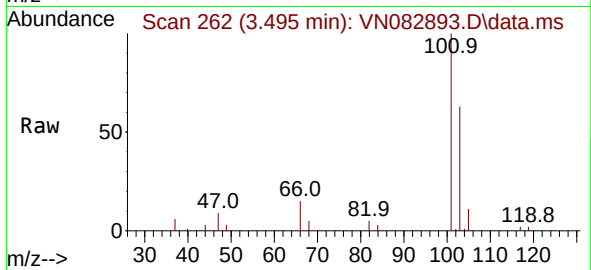
Tgt Ion: 64 Resp: 20029
Ion Ratio Lower Upper
64 100
66 28.1 26.6 40.0





#7
Trichlorofluoromethane
Concen: 17.459 ug/l
RT: 3.495 min Scan# 262
Delta R.T. 0.001 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

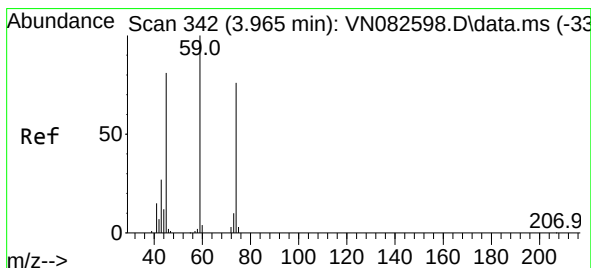
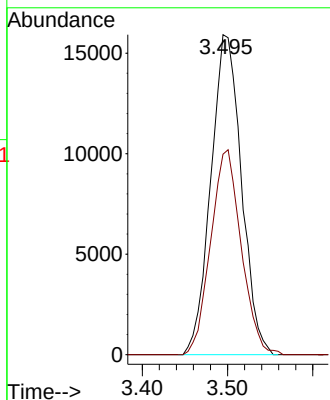
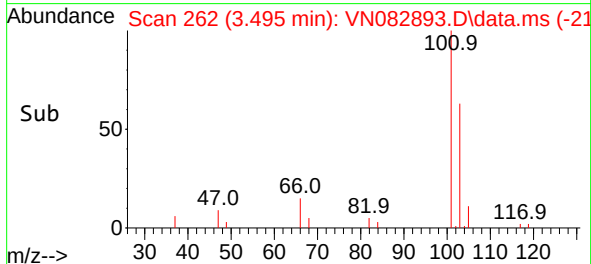
Instrument :
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VN0712WBSD01



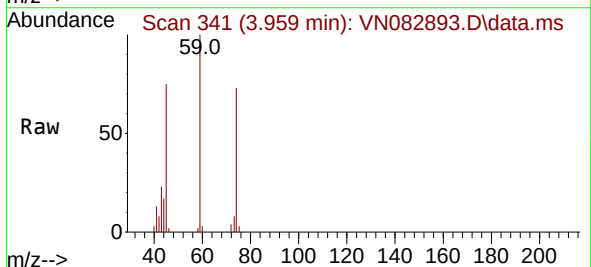
Tgt Ion:101 Resp: 3966
Ion Ratio Lower Upper
101 100
103 62.7 52.7 79.1

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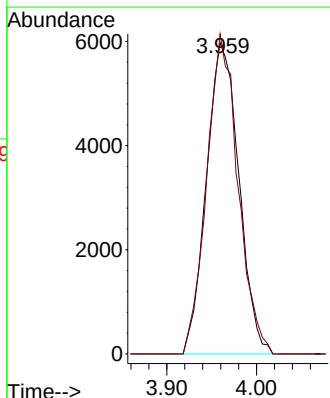
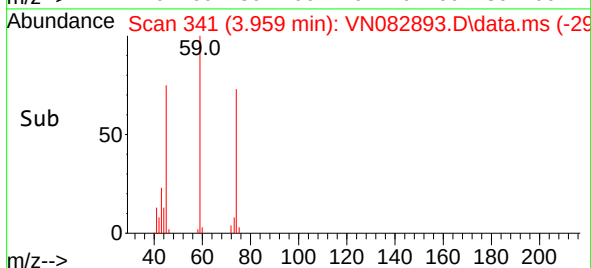
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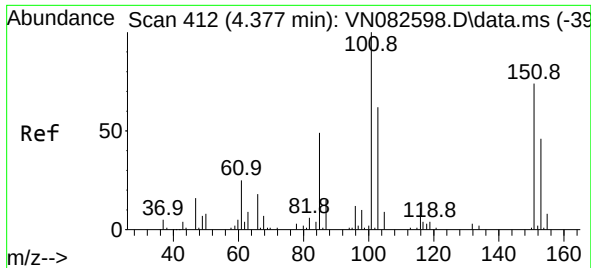


#8
Diethyl Ether
Concen: 19.345 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39



Tgt Ion: 74 Resp: 15041
Ion Ratio Lower Upper
74 100
45 98.9 55.5 166.3





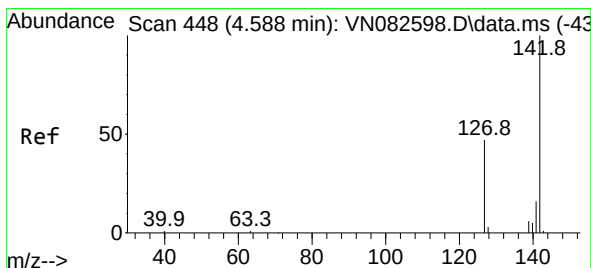
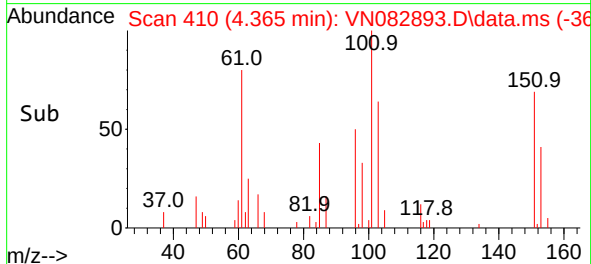
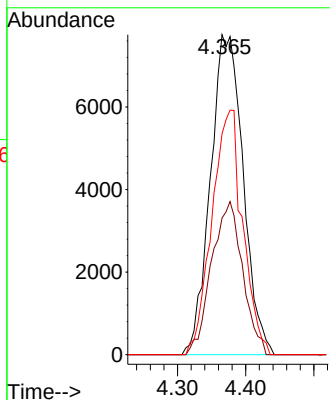
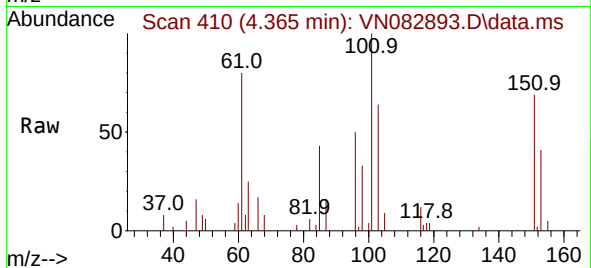
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.151 ug/l
RT: 4.365 min Scan# 412
Delta R.T. -0.012 min
Lab File: VN082893.D
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Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01

Tgt Ion:101 Resp: 2591
Ion Ratio Lower Upper
101 100
85 45.4 38.3 57.5
151 72.0 59.3 88.9

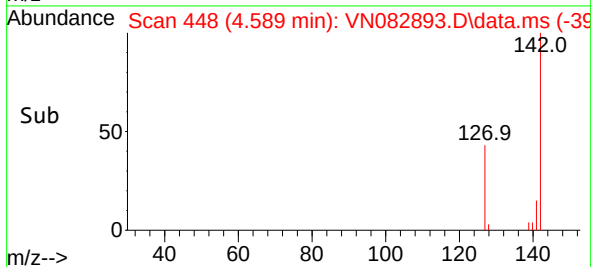
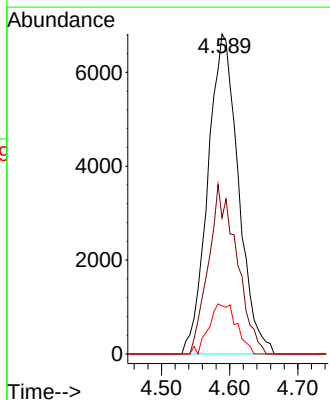
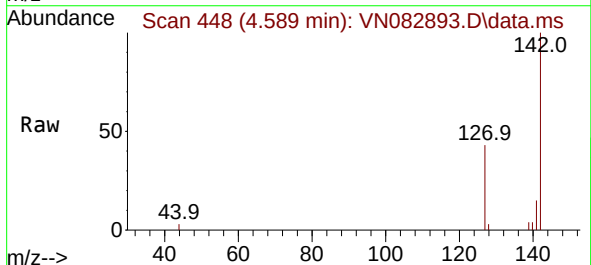
Manual Integrations
APPROVED

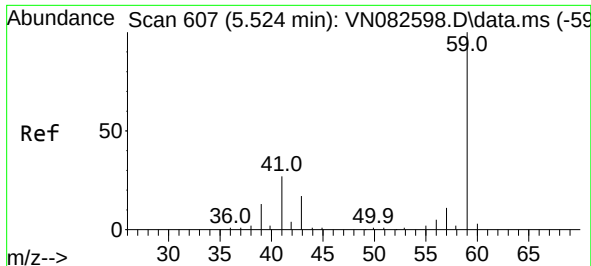
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#10
Methyl Iodide
Concen: 16.128 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

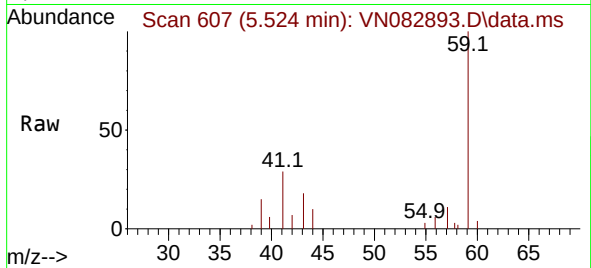
Tgt Ion:142 Resp: 21261
Ion Ratio Lower Upper
142 100
127 42.5 37.5 56.3
141 15.0 13.1 19.7





#11
Tert butyl alcohol
Concen: 87.889 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

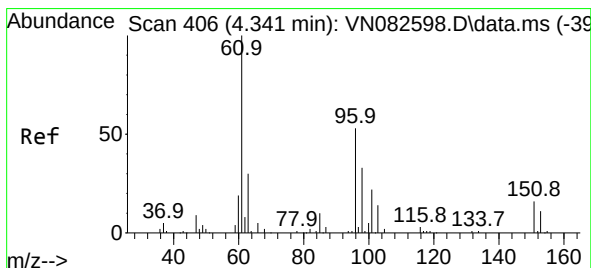
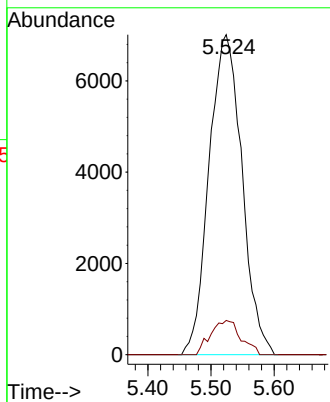
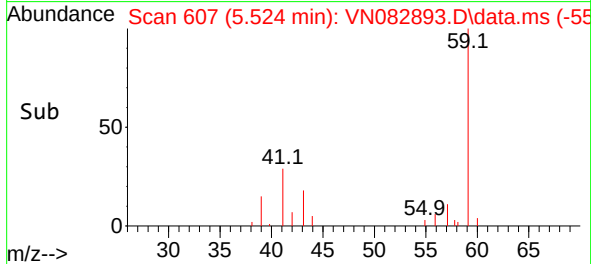
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



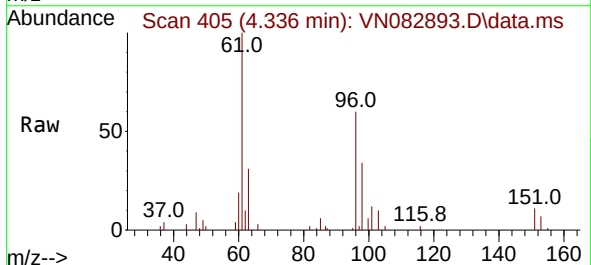
Tgt Ion: 59 Resp: 25384
Ion Ratio Lower Upper
59 100
57 9.8 8.9 13.3

Manual Integrations
APPROVED

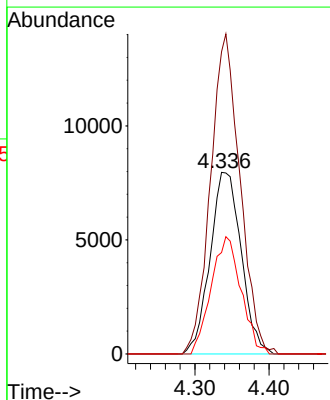
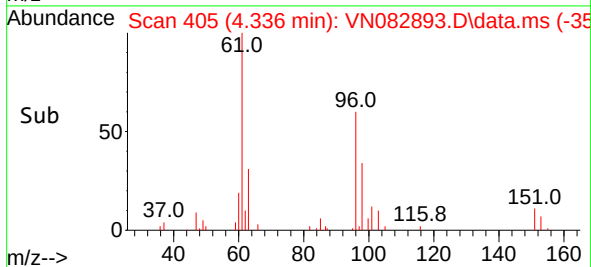
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

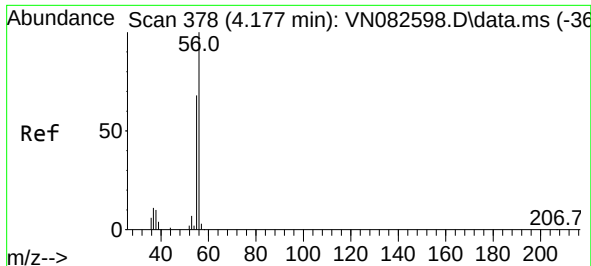


#12
1,1-Dichloroethene
Concen: 18.569 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.005 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39



Tgt Ion: 96 Resp: 23221
Ion Ratio Lower Upper
96 100
61 166.5 149.7 224.5
98 55.9 50.1 75.1





#13

Acrolein

Concen: 102.916 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN082893.D

Acq: 12 Jul 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBSD01

Tgt Ion: 56 Resp: 21460

Ion Ratio Lower Upper

56 100

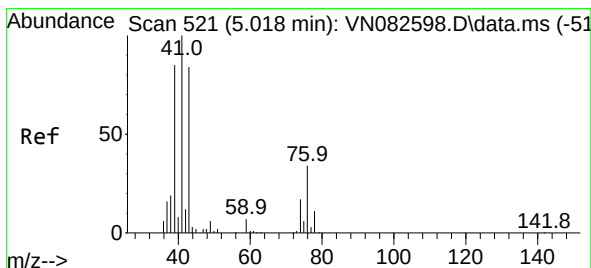
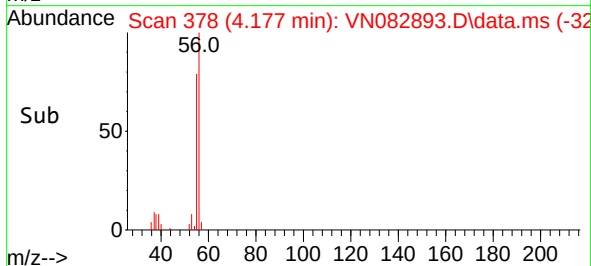
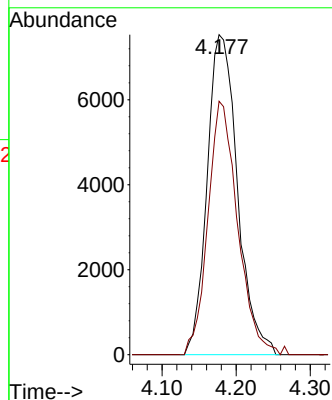
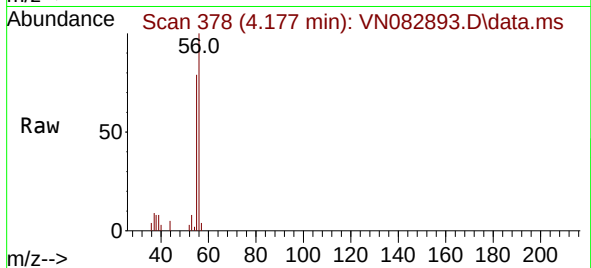
55 77.4 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#14

Allyl chloride

Concen: 18.562 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN082893.D

Acq: 12 Jul 2024 12:39

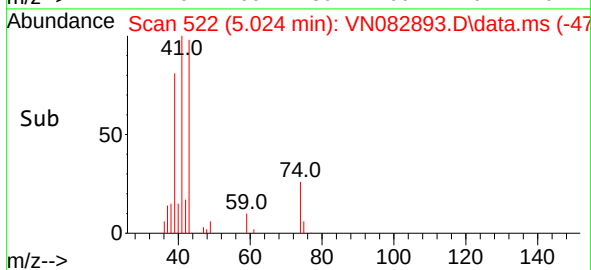
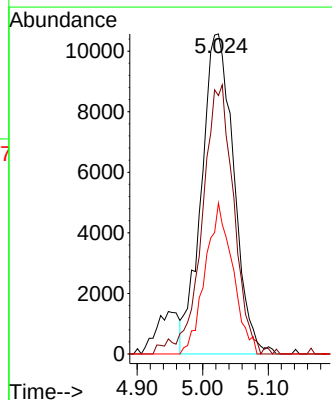
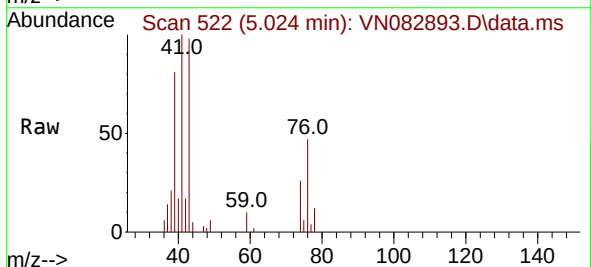
Tgt Ion: 41 Resp: 36191

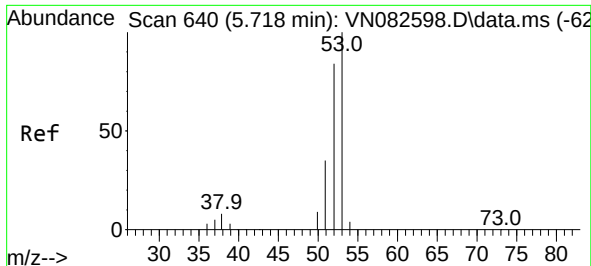
Ion Ratio Lower Upper

41 100

39 82.3 67.8 101.6

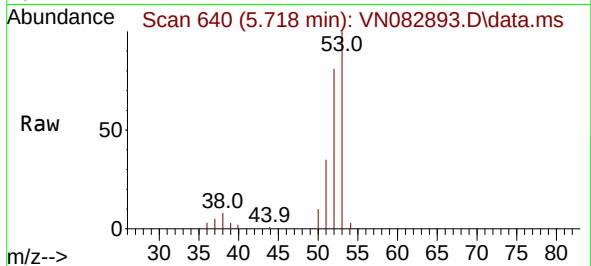
76 40.2 25.8 38.8#





#15
Acrylonitrile
Concen: 99.928 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

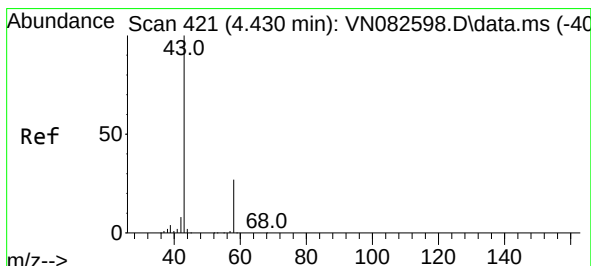
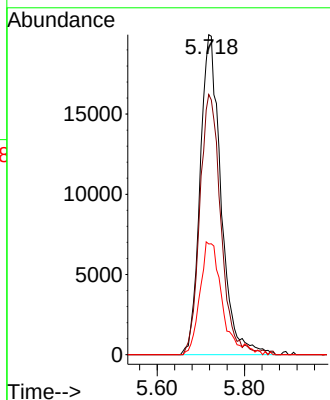
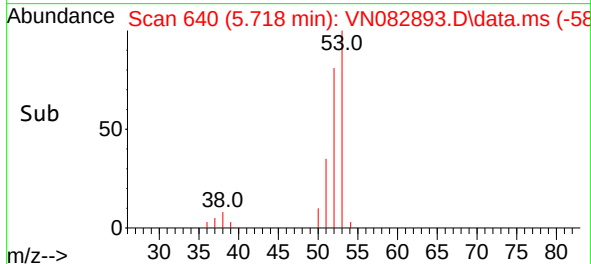
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 53 Resp: 6632
Ion Ratio Lower Upper
53 100
52 82.2 66.6 100.0
51 36.2 30.1 45.1

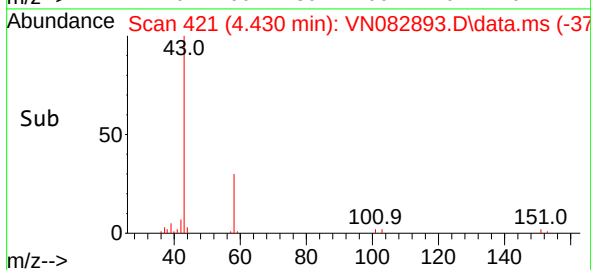
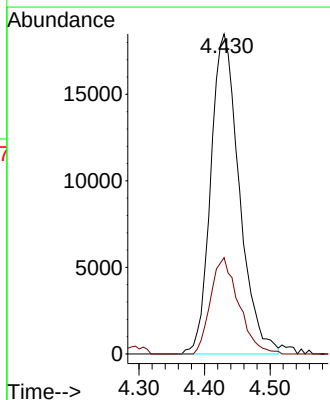
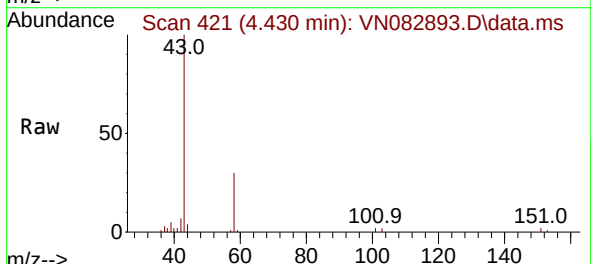
Manual Integrations
APPROVED

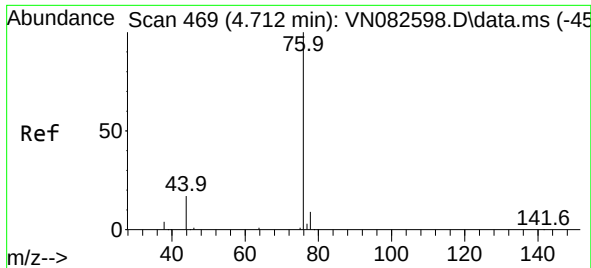
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#16
Acetone
Concen: 92.333 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

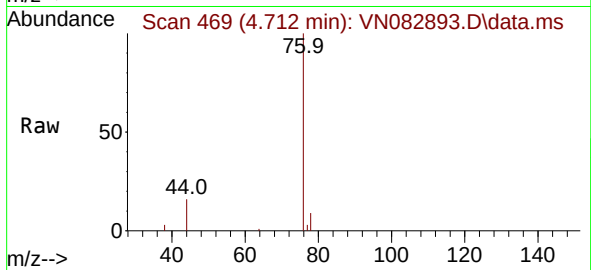
Tgt Ion: 43 Resp: 55822
Ion Ratio Lower Upper
43 100
58 30.1 21.8 32.6





#17
Carbon Disulfide
Concen: 17.330 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

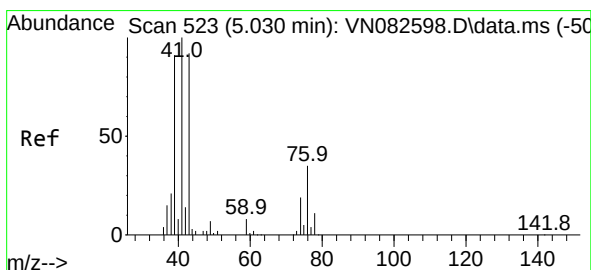
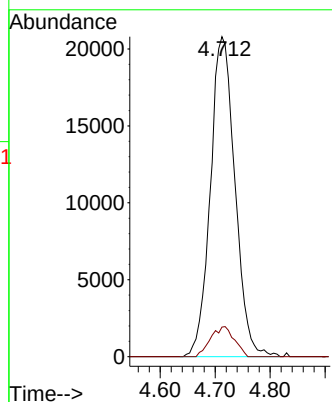
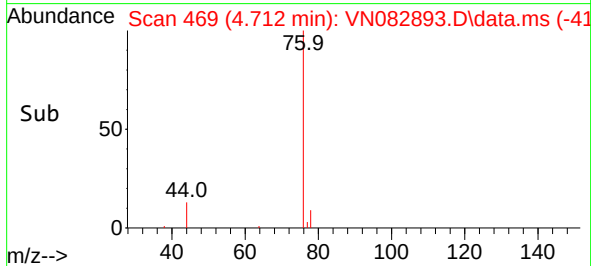
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



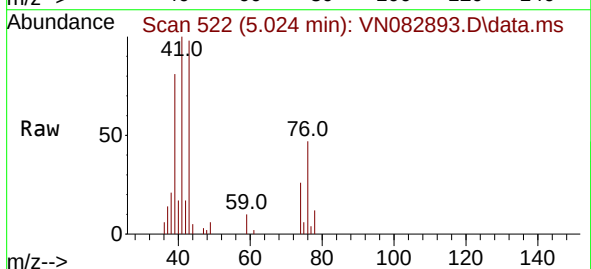
Tgt Ion: 76 Resp: 64758
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

Manual Integrations
APPROVED

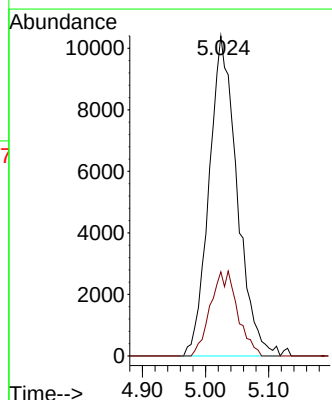
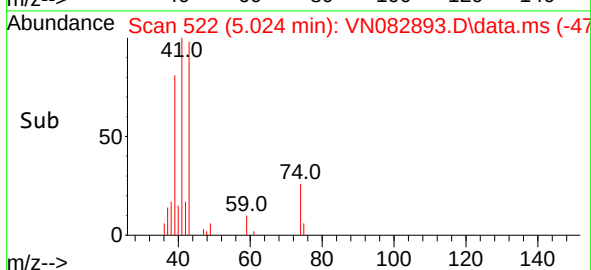
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

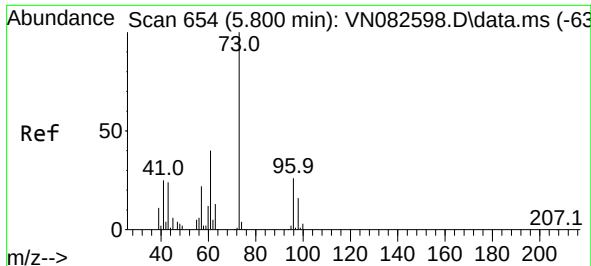


#18
Methyl Acetate
Concen: 20.079 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39



Tgt Ion: 43 Resp: 32121
Ion Ratio Lower Upper
43 100
74 25.6 16.3 24.5#





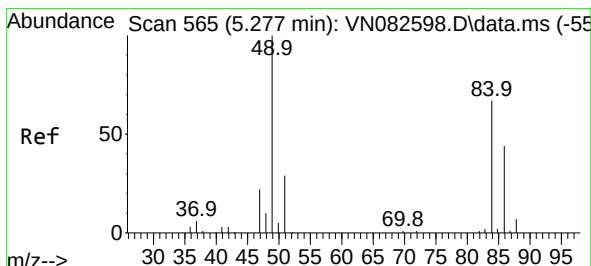
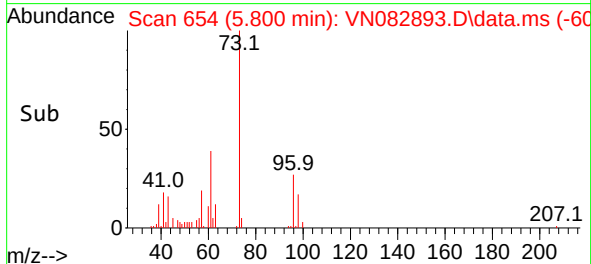
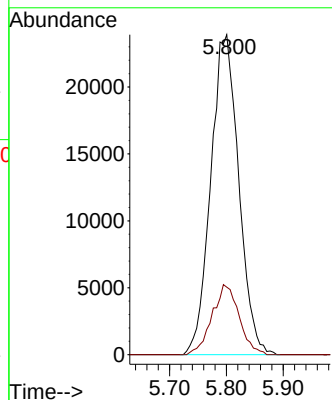
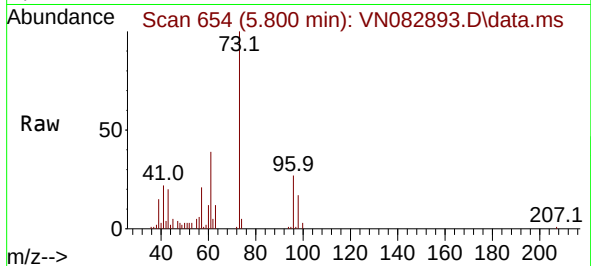
#19
Methyl tert-butyl Ether
Concen: 18.956 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01

Tgt Ion: 73 Resp: 8176
Ion Ratio Lower Upper
73 100
57 21.1 17.9 26.9

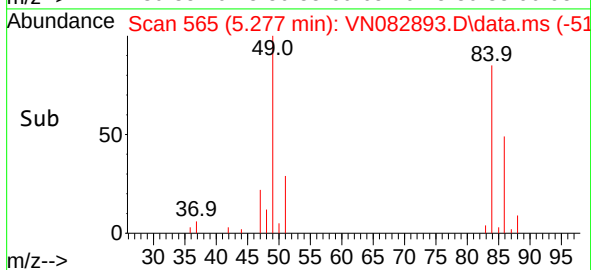
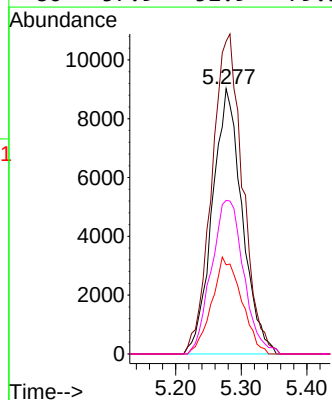
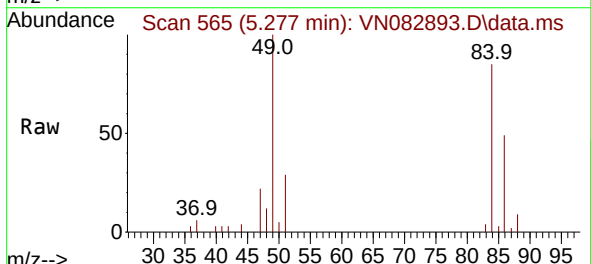
Manual Integrations
APPROVED

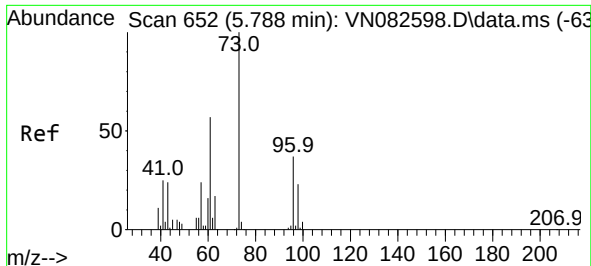
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#20
Methylene Chloride
Concen: 19.534 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

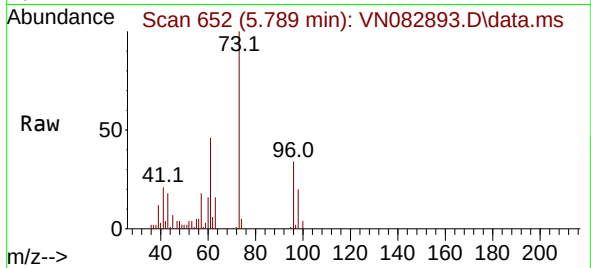
Tgt Ion: 84 Resp: 28521
Ion Ratio Lower Upper
84 100
49 117.9 119.6 179.4#
51 33.6 34.8 52.2#
86 57.9 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 18.569 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

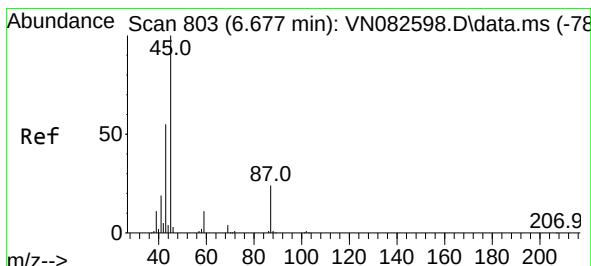
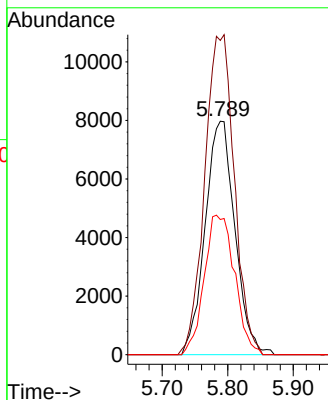
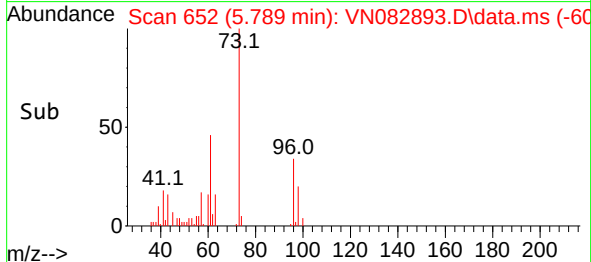
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



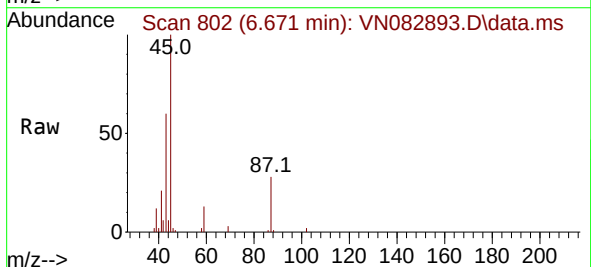
Tgt Ion: 96 Resp: 25160
Ion Ratio Lower Upper
96 100
61 134.6 123.4 185.2
98 57.9 49.3 73.9

Manual Integrations
APPROVED

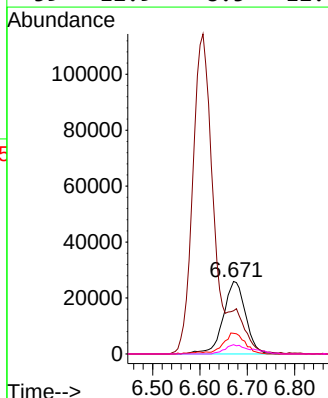
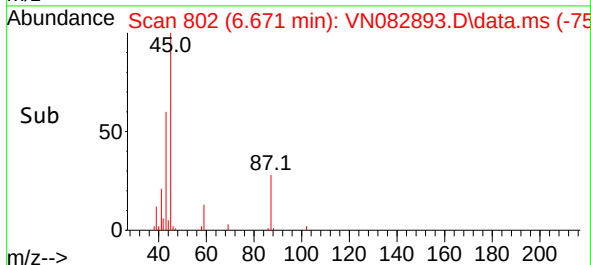
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

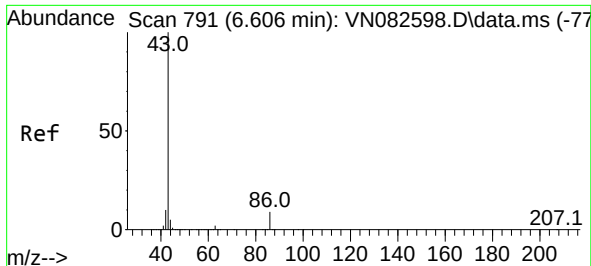


#22
Diisopropyl ether
Concen: 20.785 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39



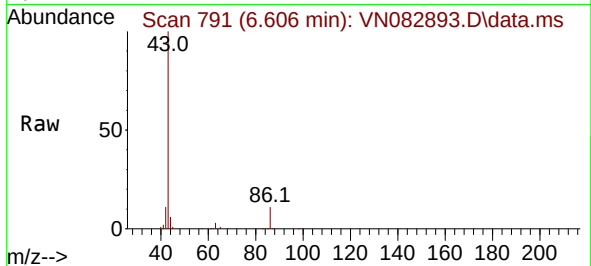
Tgt Ion: 45 Resp: 84783
Ion Ratio Lower Upper
45 100
43 58.3 44.0 66.0
87 28.4 19.7 29.5
59 12.9 8.5 12.7#





#23
 Vinyl Acetate
 Concen: 102.782 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082893.D
 Acq: 12 Jul 2024 12:39

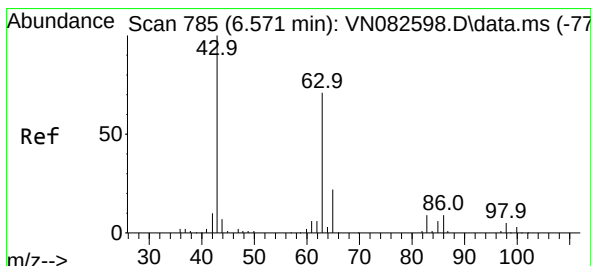
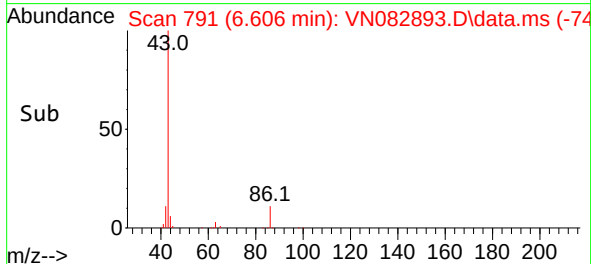
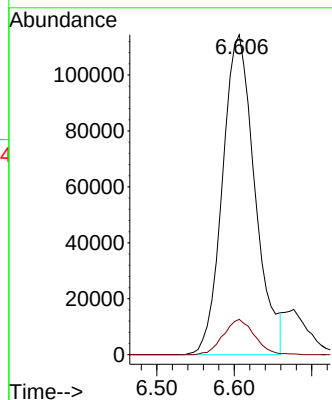
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBSD01



Tgt Ion: 43 Resp: 332949
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.3 10.9

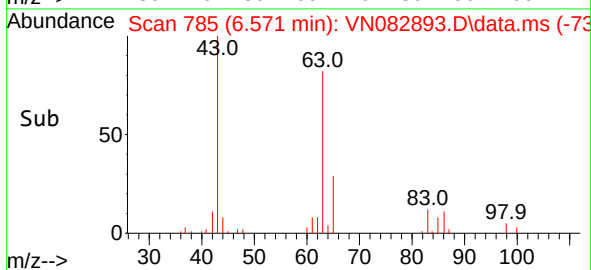
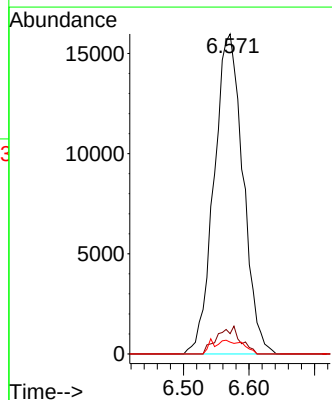
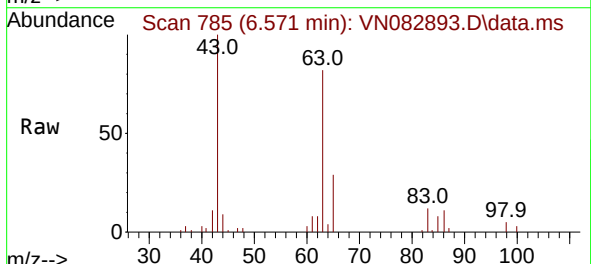
Manual Integrations
 APPROVED

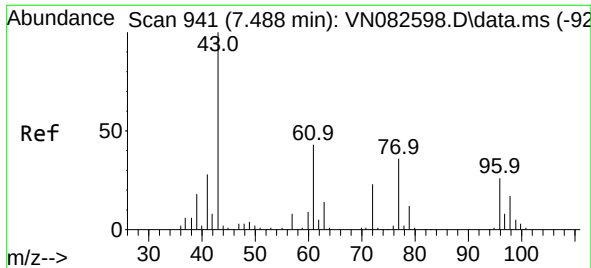
Reviewed By :John Carlone 07/15/2024
 Supervised By :Mahesh Dadoda 07/15/2024



#24
 1,1-Dichloroethane
 Concen: 19.749 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082893.D
 Acq: 12 Jul 2024 12:39

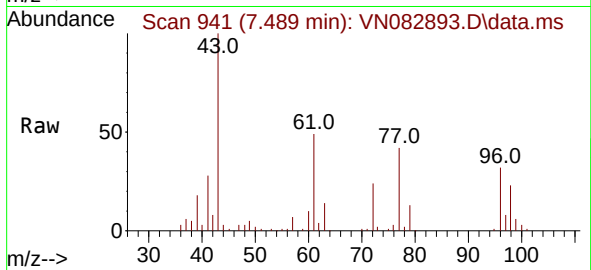
Tgt Ion: 63 Resp: 48865
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.9
 100 3.7 2.0 6.0





#25
2-Butanone
Concen: 96.544 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

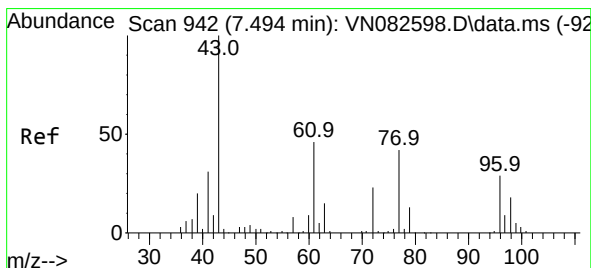
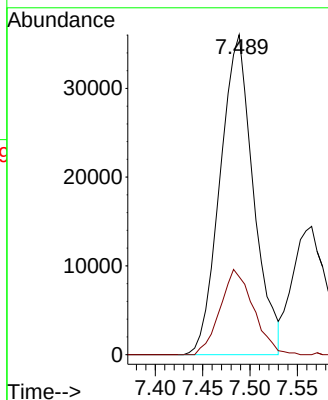
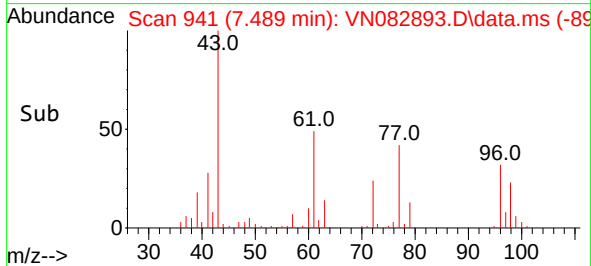
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



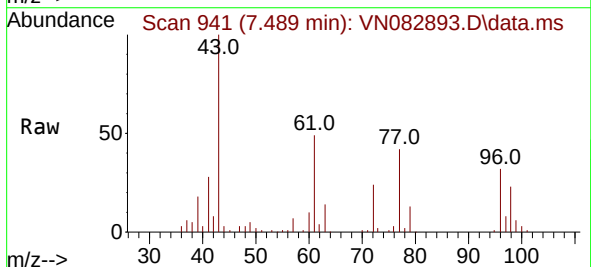
Tgt Ion: 43 Resp: 8813
Ion Ratio Lower Upper
43 100
72 24.4 18.2 27.2

Manual Integrations
APPROVED

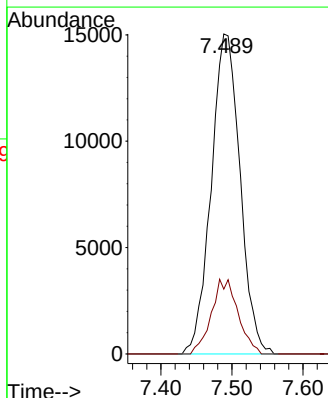
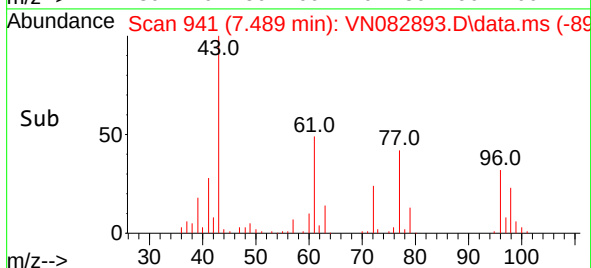
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

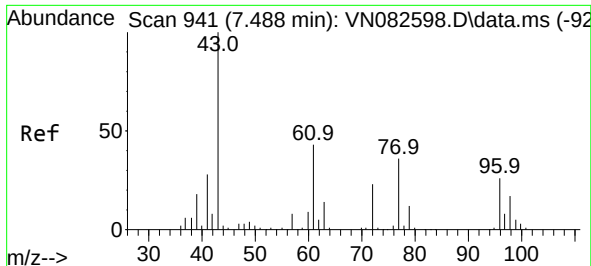


#26
2,2-Dichloropropane
Concen: 18.437 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39



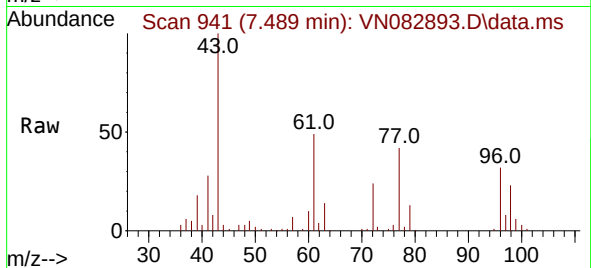
Tgt Ion: 77 Resp: 42415
Ion Ratio Lower Upper
77 100
97 21.6 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 18.685 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.001 min
 Lab File: VN082893.D
 Acq: 12 Jul 2024 12:39

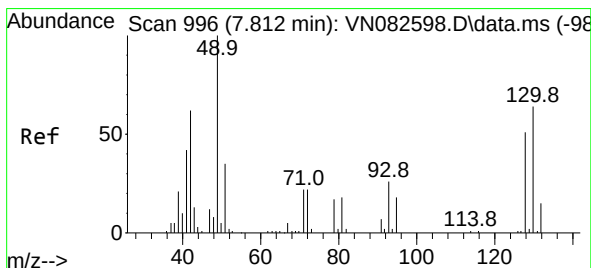
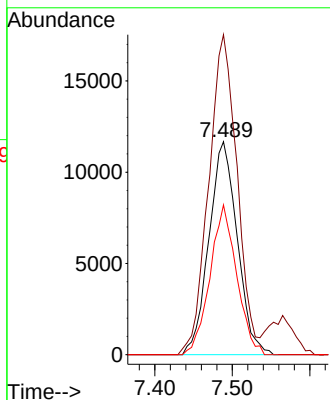
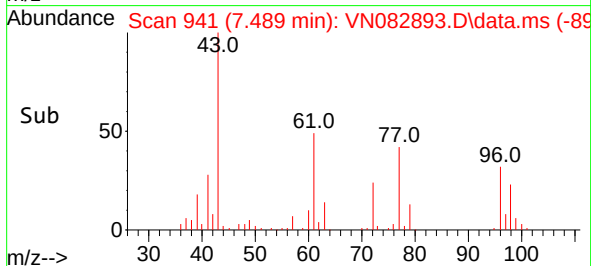
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBSD01



Tgt Ion: 96 Resp: 29640
 Ion Ratio Lower Upper
 96 100
 61 150.7 0.0 329.6
 98 66.2 0.0 128.6

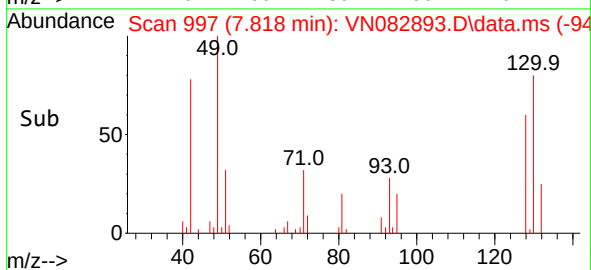
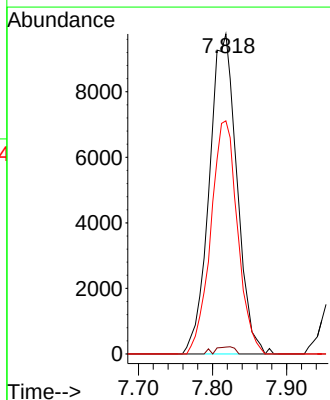
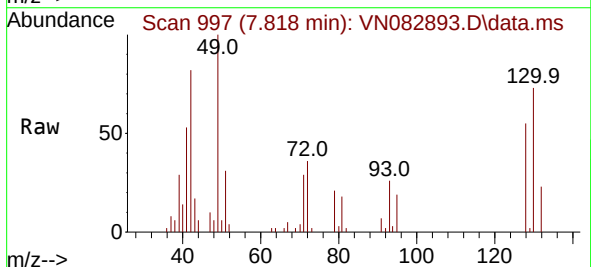
Manual Integrations
 APPROVED

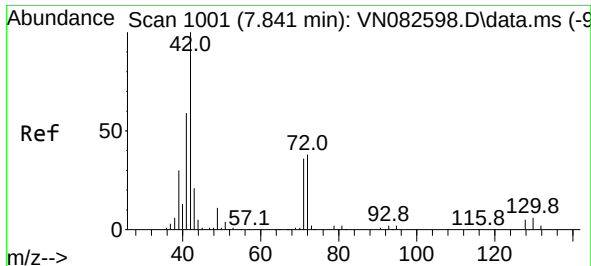
Reviewed By :John Carlone 07/15/2024
 Supervised By :Mahesh Dadoda 07/15/2024



#28
 Bromochloromethane
 Concen: 23.766 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082893.D
 Acq: 12 Jul 2024 12:39

Tgt Ion: 49 Resp: 25227
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.8
 130 70.7 50.5 75.7





#29

Tetrahydrofuran

Concen: 98.888 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN082893.D

Acq: 12 Jul 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBSD01

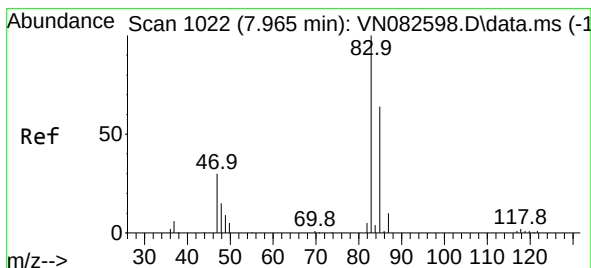
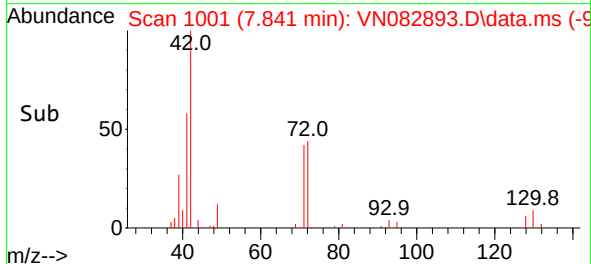
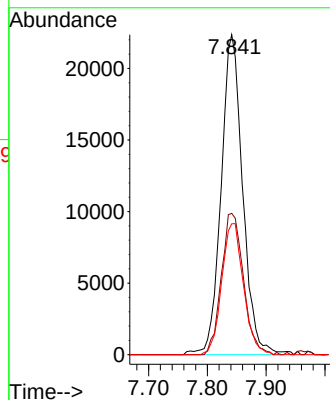
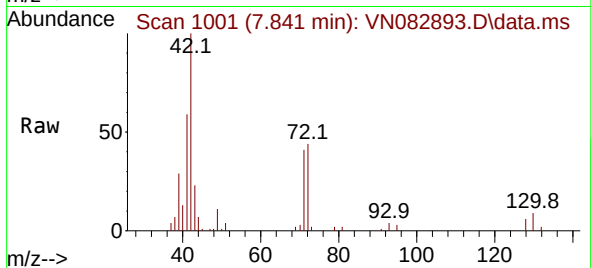
Tgt Ion: 42 Resp: 5683
 Ion Ratio Lower Upper
 42 100
 72 45.3 30.0 45.0
 71 41.4 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#30

Chloroform

Concen: 20.043 ug/l

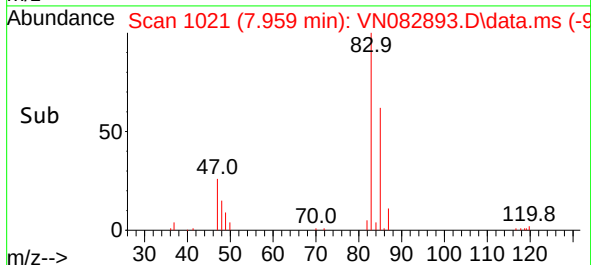
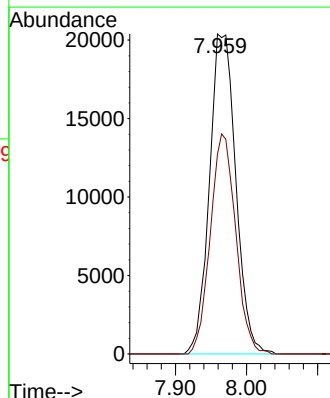
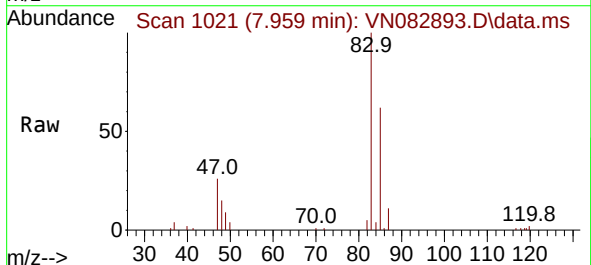
RT: 7.959 min Scan# 1021

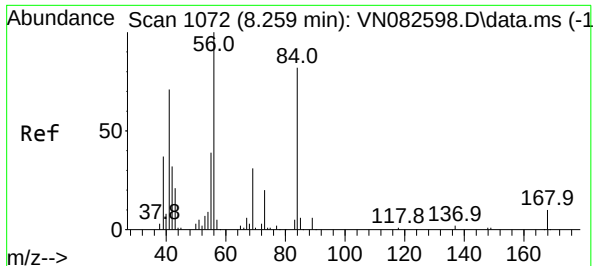
Delta R.T. -0.006 min

Lab File: VN082893.D

Acq: 12 Jul 2024 12:39

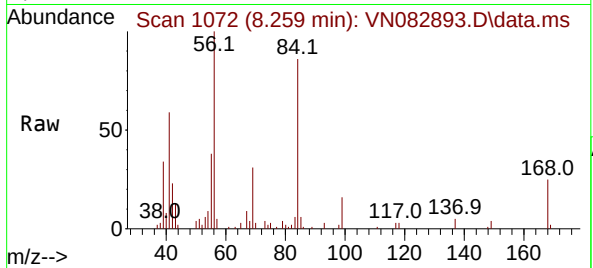
Tgt Ion: 83 Resp: 52611
 Ion Ratio Lower Upper
 83 100
 85 62.5 50.9 76.3





#31
Cyclohexane
Concen: 18.445 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

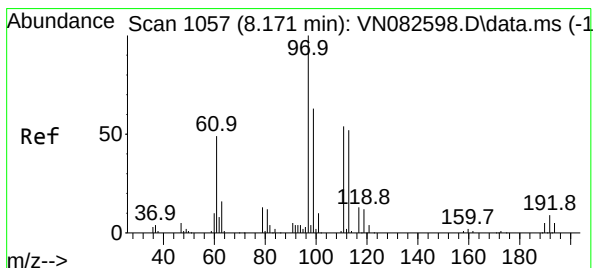
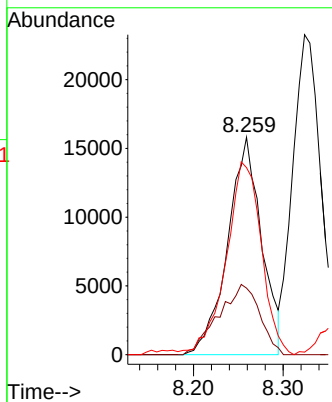
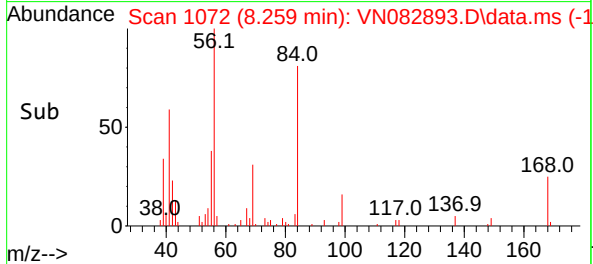
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



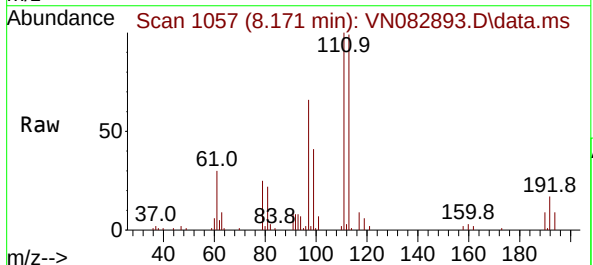
Tgt Ion: 56 Resp: 41408
Ion Ratio Lower Upper
56 100
69 30.6 24.5 36.7
84 84.6 66.0 99.0

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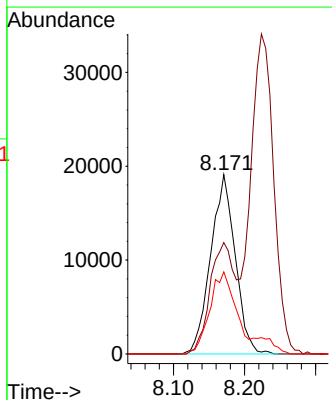
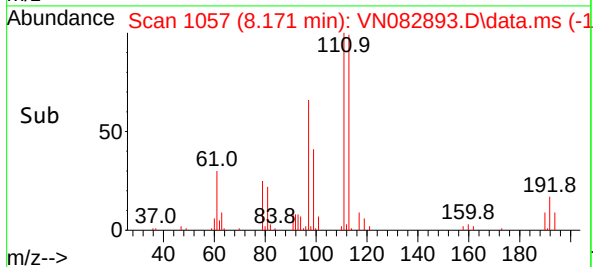
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

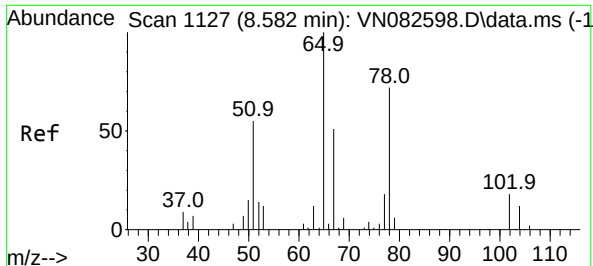


#32
1,1,1-Trichloroethane
Concen: 18.809 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39



Tgt Ion: 97 Resp: 45840
Ion Ratio Lower Upper
97 100
99 60.7 52.0 78.0
61 50.7 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 53.490 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN082893.D

Acq: 12 Jul 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBSD01

Tgt Ion: 65 Resp: 91852

Ion Ratio Lower Upper

65 100

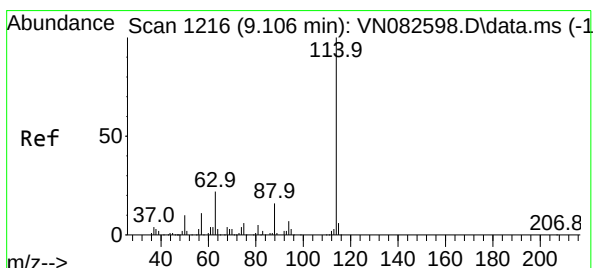
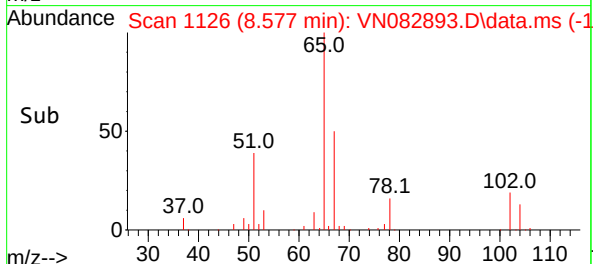
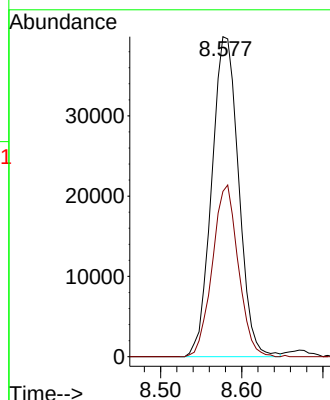
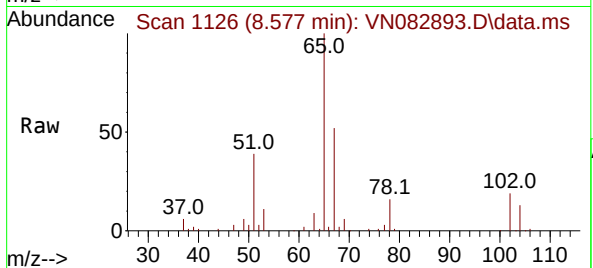
67 51.5 0.0 104.4

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: VN082893.D

Acq: 12 Jul 2024 12:39

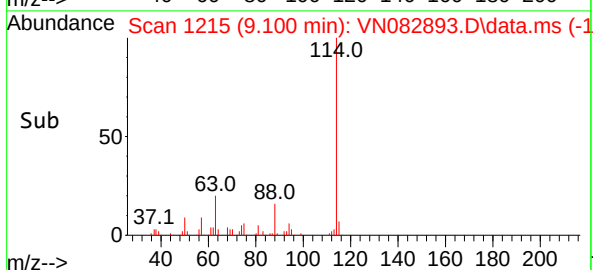
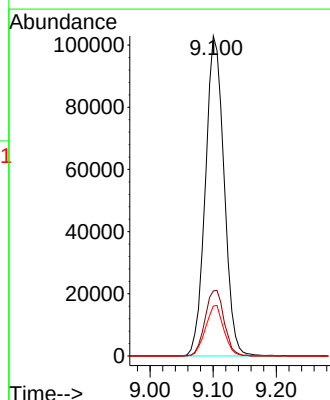
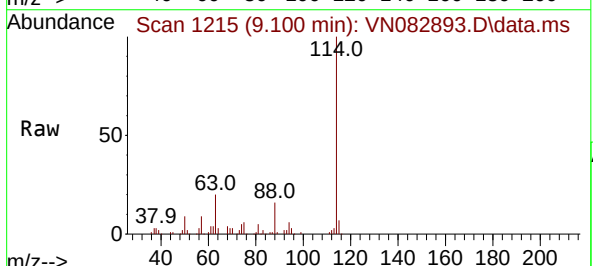
Tgt Ion:114 Resp: 211497

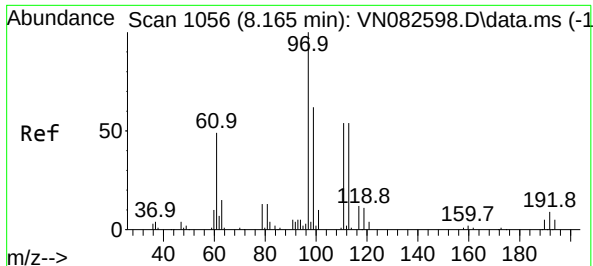
Ion Ratio Lower Upper

114 100

63 20.3 0.0 44.6

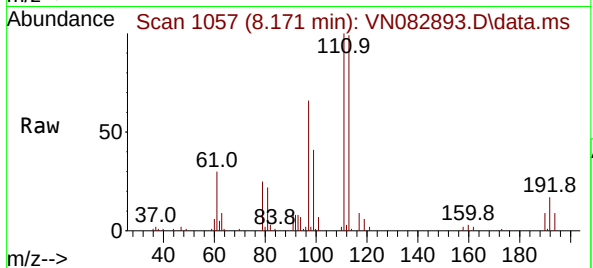
88 15.6 0.0 31.4





#35
Dibromofluoromethane
Concen: 50.651 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

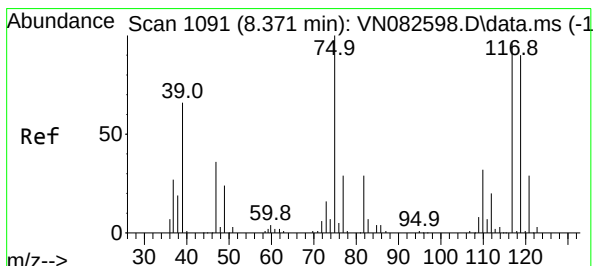
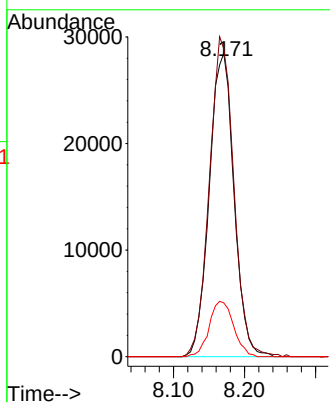
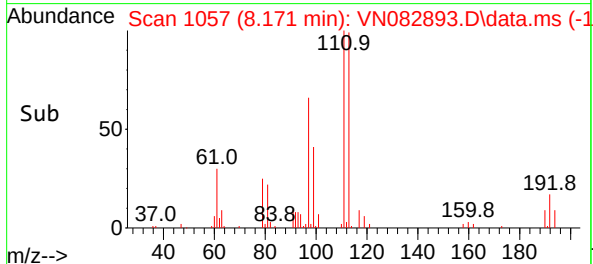
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



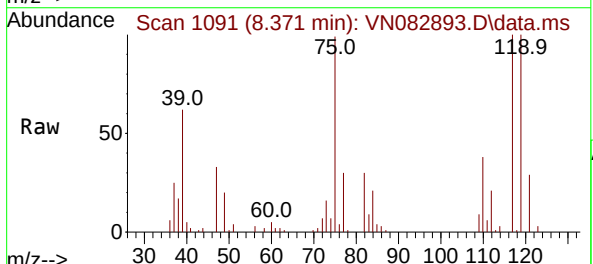
Tgt Ion: 113 Resp: 68739
Ion Ratio Lower Upper
113 100
111 104.0 82.4 123.6
192 18.0 14.9 22.3

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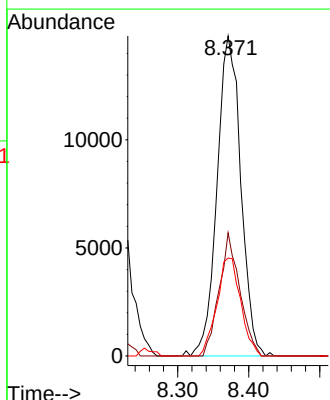
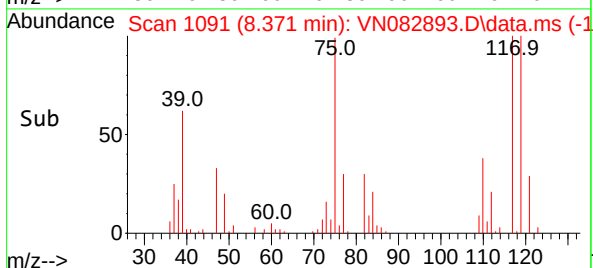
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

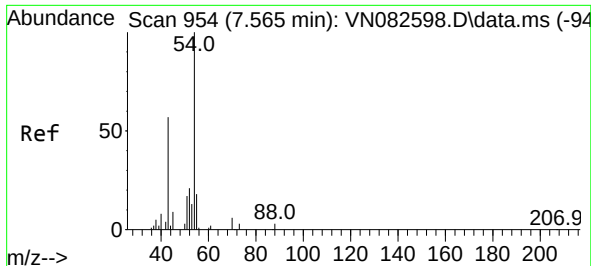


#36
1,1-Dichloropropene
Concen: 18.338 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39



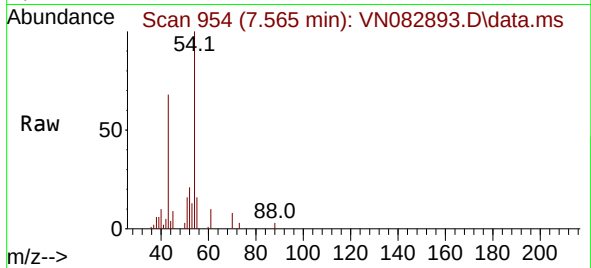
Tgt Ion: 75 Resp: 34313
Ion Ratio Lower Upper
75 100
110 33.5 16.3 48.9
77 30.7 24.6 37.0





#37
Ethyl Acetate
Concen: 18.833 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

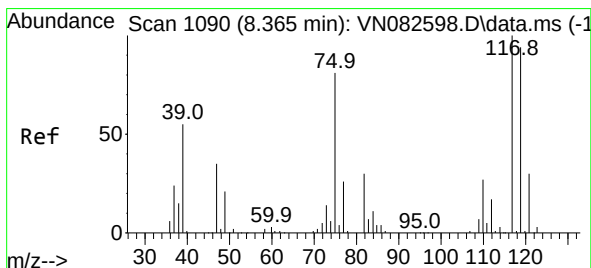
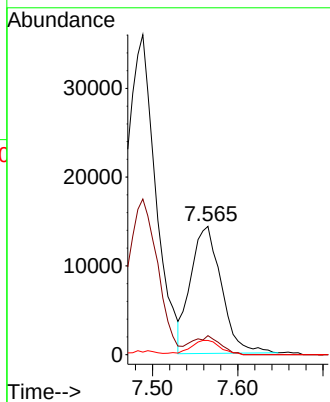
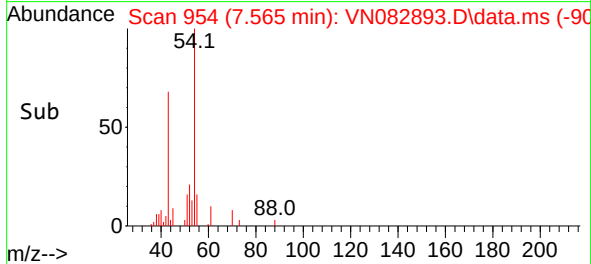
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 43 Resp: 3587
Ion Ratio Lower Upper
43 100
61 13.4 9.3 13.9
70 10.8 7.0 10.6

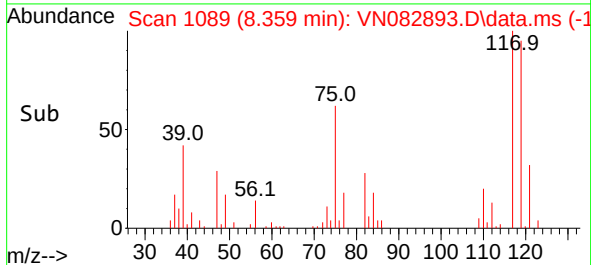
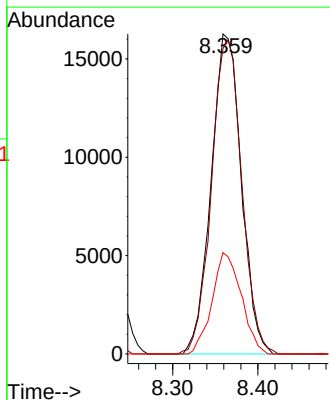
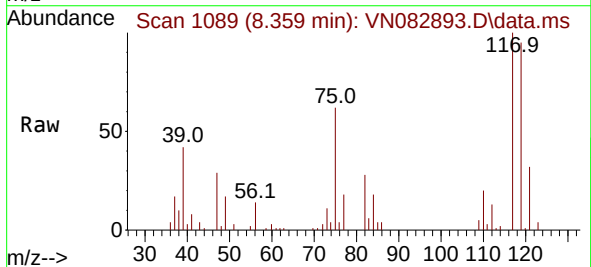
Manual Integrations
APPROVED

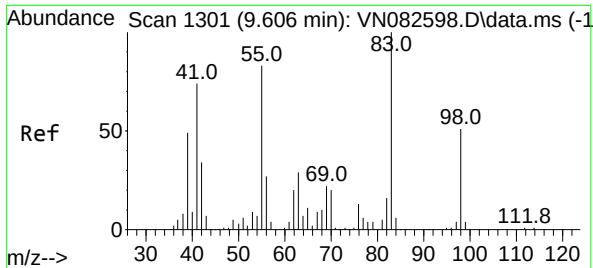
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#38
Carbon Tetrachloride
Concen: 17.791 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

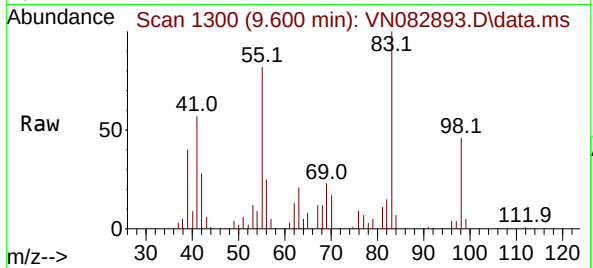
Tgt Ion:117 Resp: 40080
Ion Ratio Lower Upper
117 100
119 95.4 74.9 112.3
121 31.6 24.3 36.5





#39
Methylcyclohexane
Concen: 16.501 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.006 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

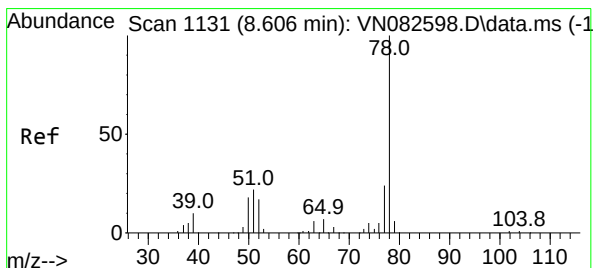
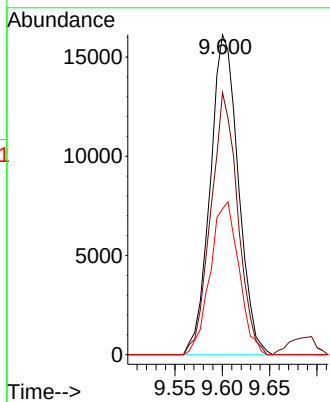
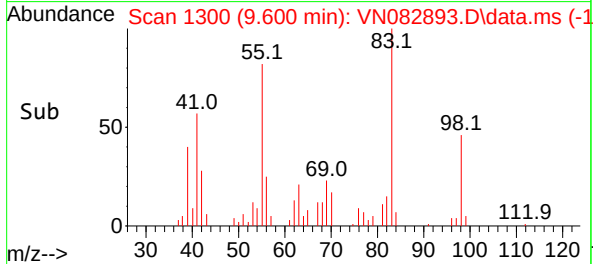
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 83 Resp: 33350
Ion Ratio Lower Upper
83 100
55 81.9 66.4 99.6
98 45.6 40.7 61.1

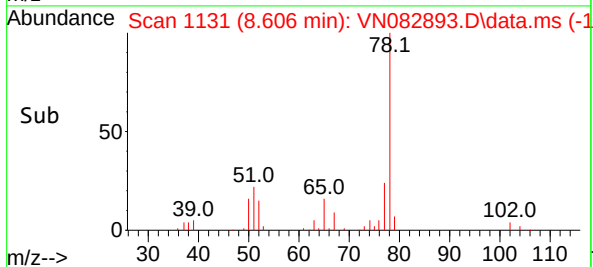
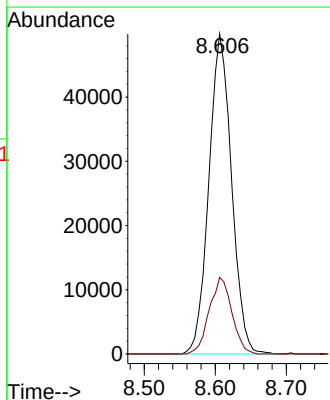
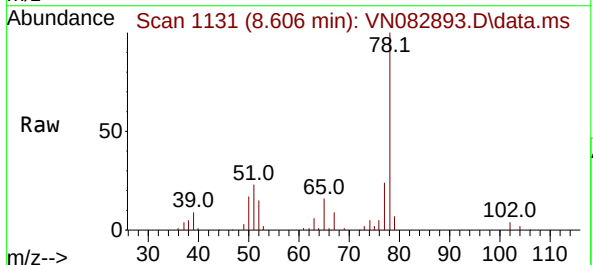
Manual Integrations
APPROVED

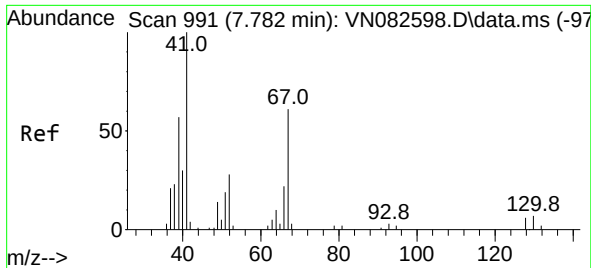
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#40
Benzene
Concen: 19.188 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

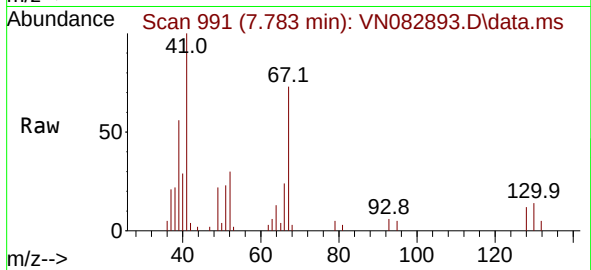
Tgt Ion: 78 Resp: 110439
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4





#41
Methacrylonitrile
Concen: 19.244 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

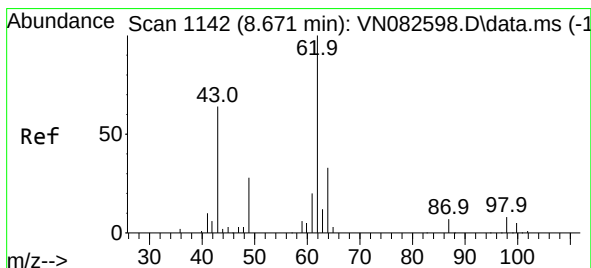
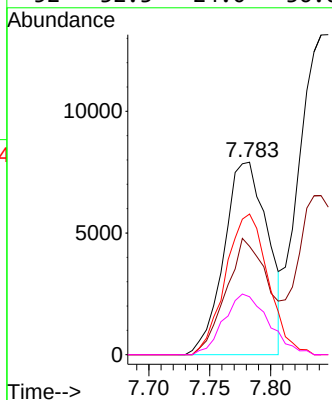
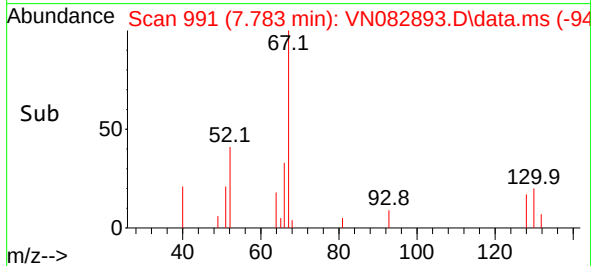
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 41 Resp: 19750
Ion Ratio Lower Upper
41 100
39 57.4 45.5 68.3
67 71.4 50.5 75.7
52 32.3 24.0 36.0

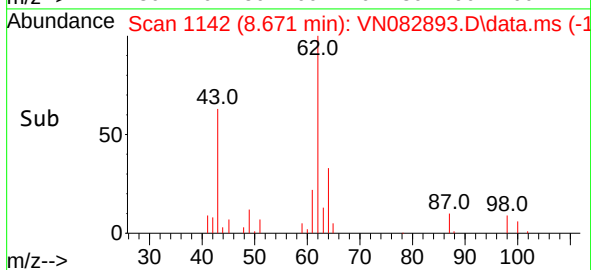
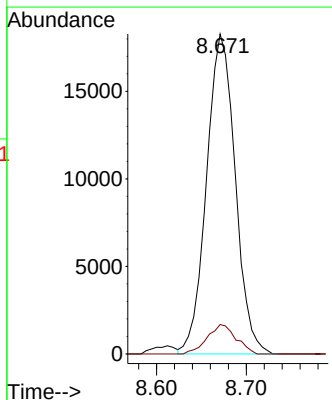
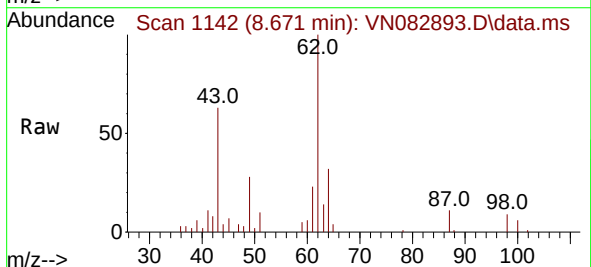
Manual Integrations
APPROVED

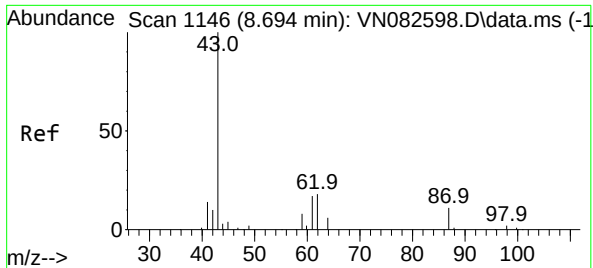
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#42
1,2-Dichloroethane
Concen: 19.609 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

Tgt Ion: 62 Resp: 40630
Ion Ratio Lower Upper
62 100
98 9.2 0.0 15.8





#43

Isopropyl Acetate

Concen: 16.929 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN082893.D

Acq: 12 Jul 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBSD01

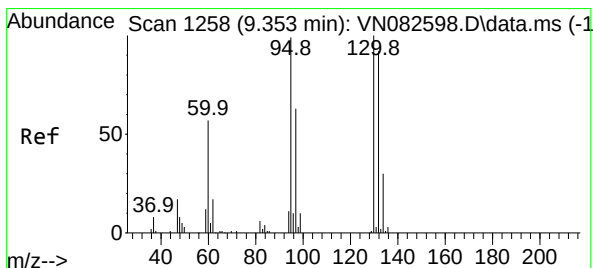
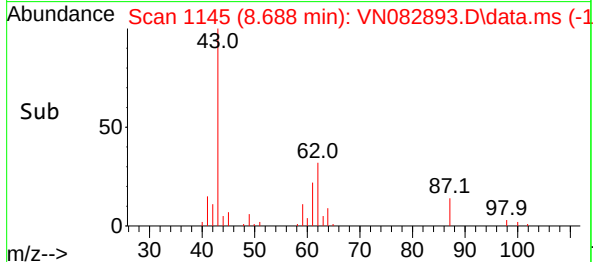
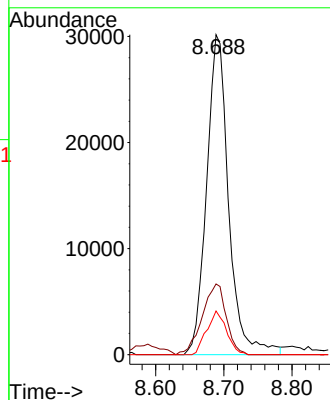
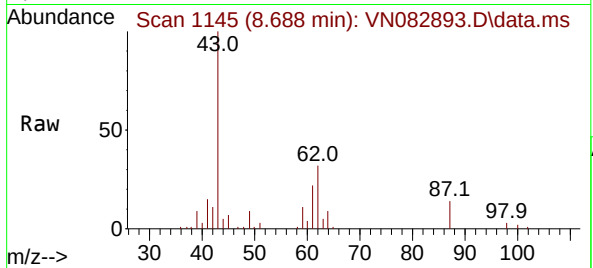
Tgt Ion: 43	Resp: 6785
Ion Ratio	Lower Upper
43 100	
61 24.0	17.8 26.6
87 12.2	8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#44

Trichloroethene

Concen: 17.286 ug/l

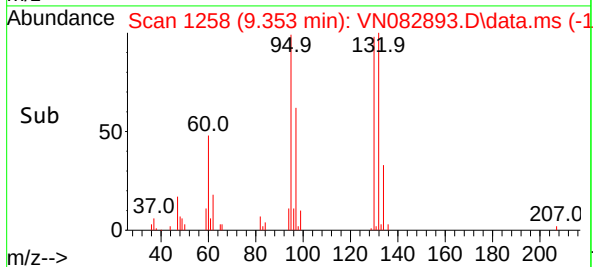
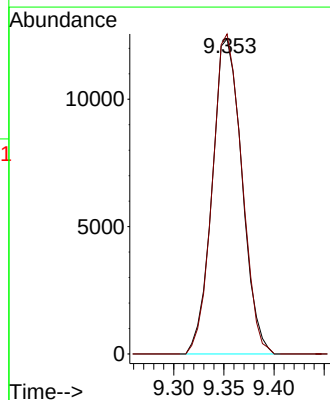
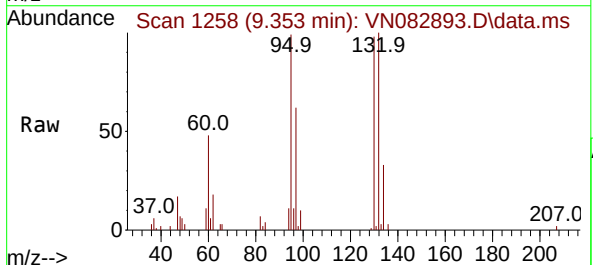
RT: 9.353 min Scan# 1258

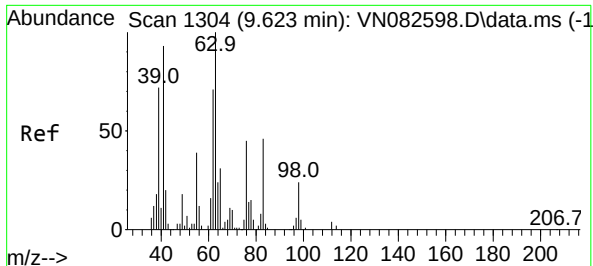
Delta R.T. 0.000 min

Lab File: VN082893.D

Acq: 12 Jul 2024 12:39

Tgt Ion:130	Resp: 25490
Ion Ratio	Lower Upper
130 100	
95 101.6	0.0 197.8





#45

1,2-Dichloropropane

Concen: 20.728 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.001 min

Lab File: VN082893.D

Acq: 12 Jul 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBSD01

Tgt Ion: 63 Resp: 2785

Ion Ratio Lower Upper

63 100

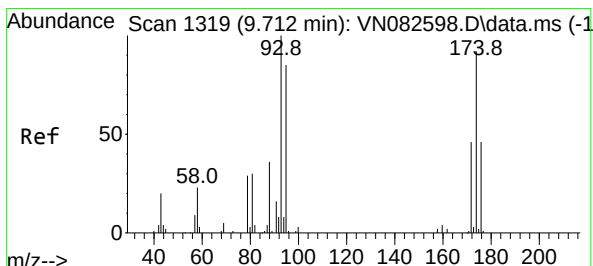
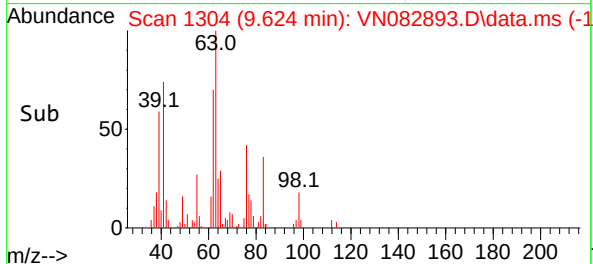
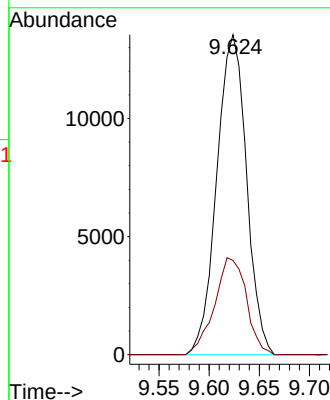
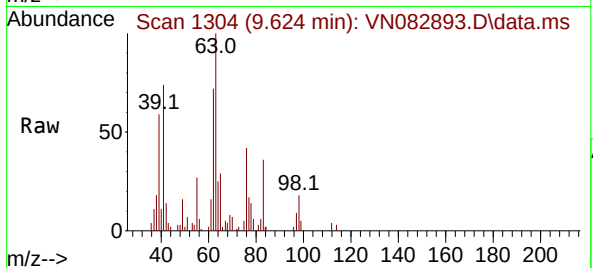
65 29.4 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#46

Dibromomethane

Concen: 19.658 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082893.D

Acq: 12 Jul 2024 12:39

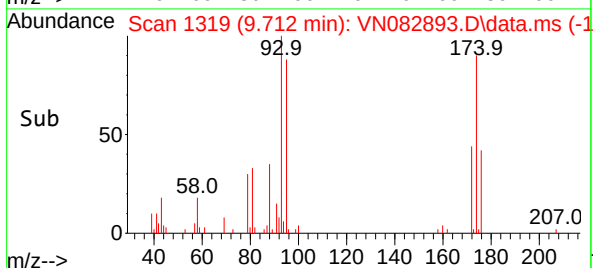
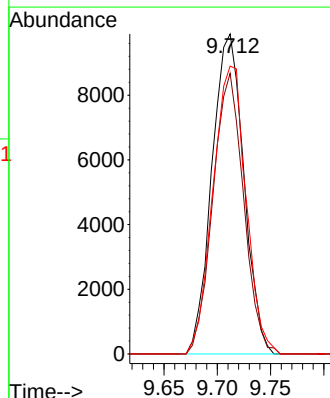
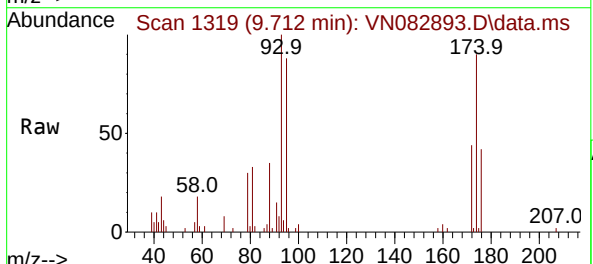
Tgt Ion: 93 Resp: 20579

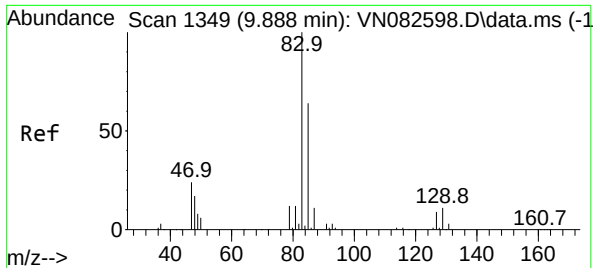
Ion Ratio Lower Upper

93 100

95 84.2 65.8 98.6

174 93.0 71.7 107.5





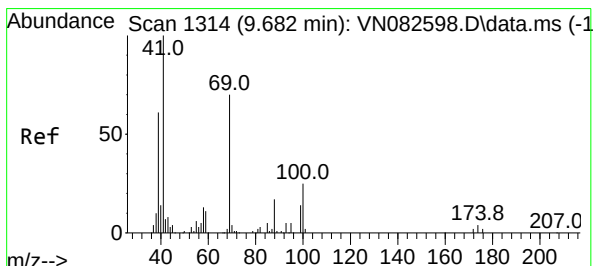
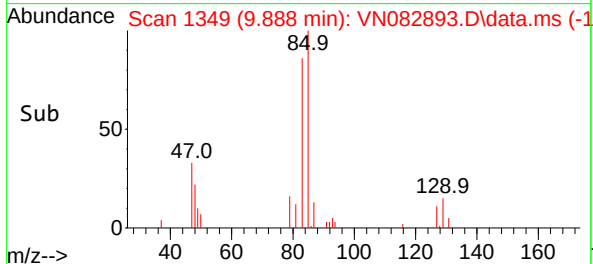
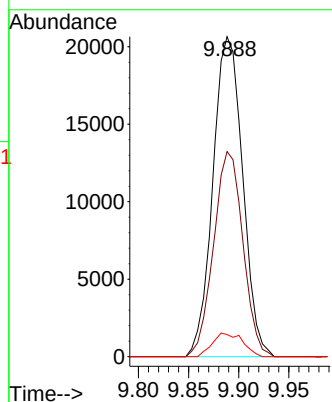
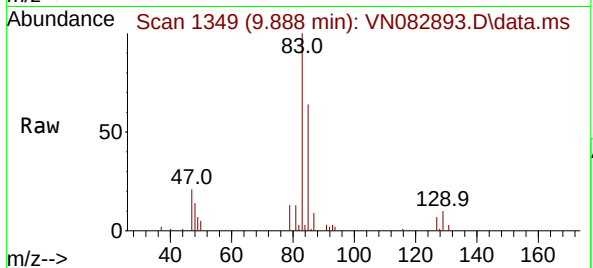
#47
Bromodichloromethane
Concen: 19.687 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01

Tgt Ion: 83 Resp: 4258
Ion Ratio Lower Upper
83 100
85 64.1 51.1 76.7
127 6.9 7.2 10.8

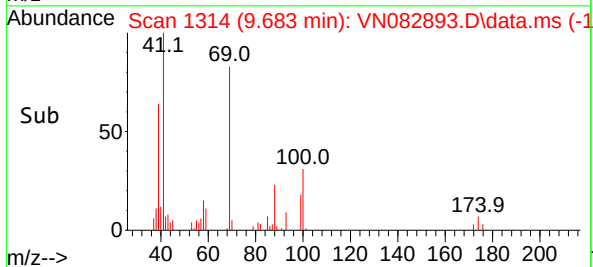
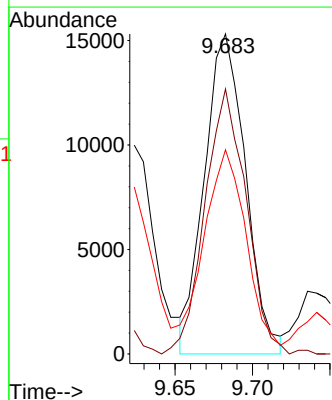
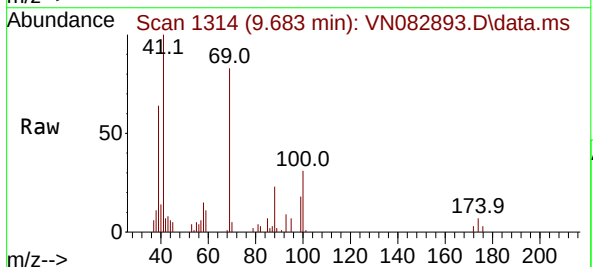
Manual Integrations
APPROVED

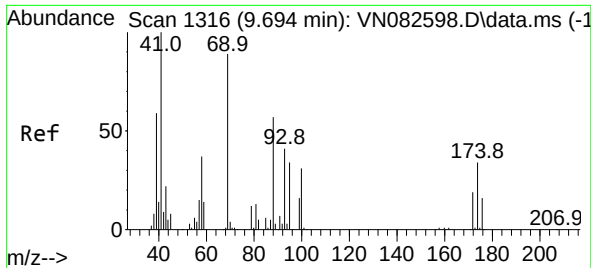
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#48
Methyl methacrylate
Concen: 18.903 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.001 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

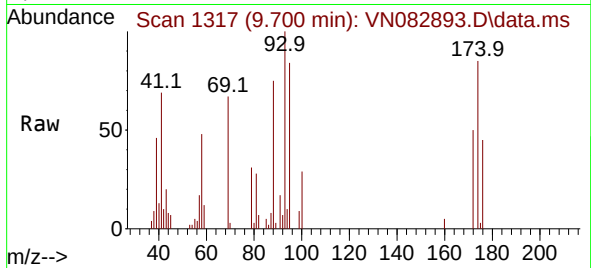
Tgt Ion: 41 Resp: 28236
Ion Ratio Lower Upper
41 100
69 83.3 56.3 84.5
39 67.1 50.3 75.5





#49
1,4-Dioxane
Concen: 361.841 ug/l
RT: 9.700 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

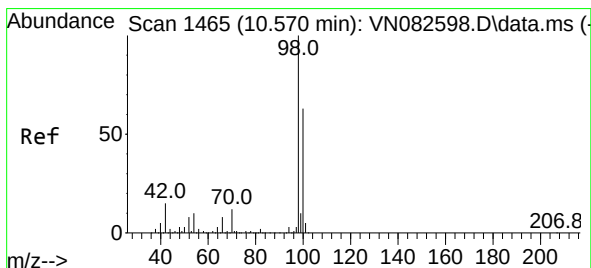
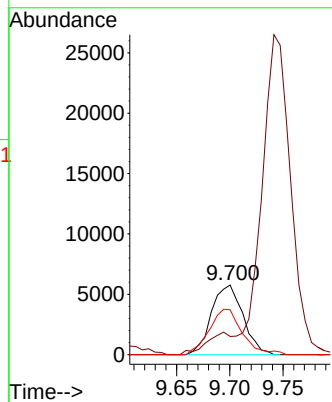
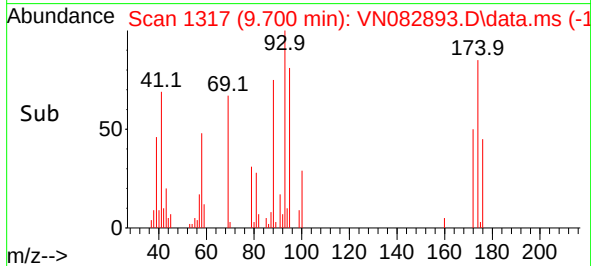
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 88 Resp: 1192
Ion Ratio Lower Upper
88 100
43 24.5 27.8 41.8
58 68.2 59.4 89.0

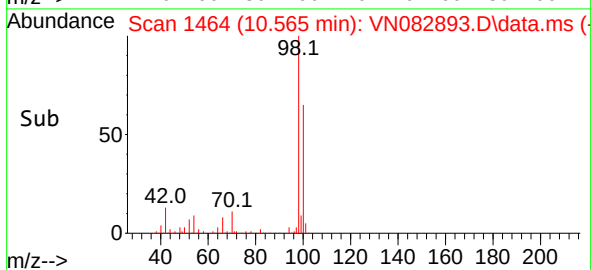
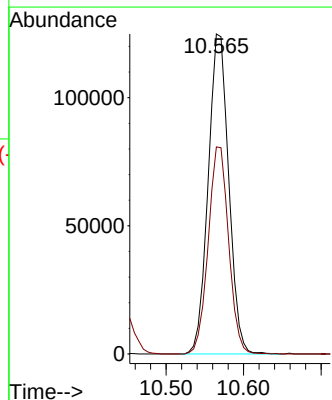
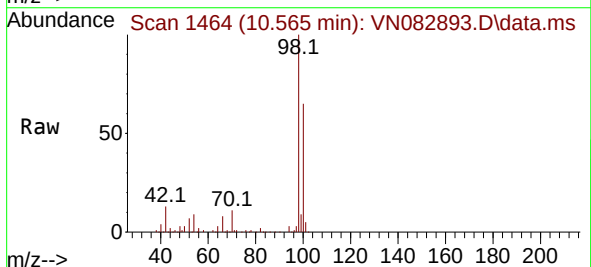
Manual Integrations
APPROVED

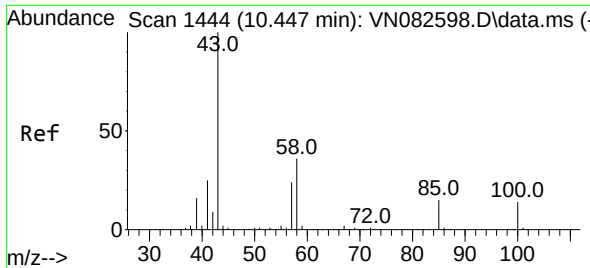
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#50
Toluene-d8
Concen: 45.800 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.005 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

Tgt Ion: 98 Resp: 229571
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3





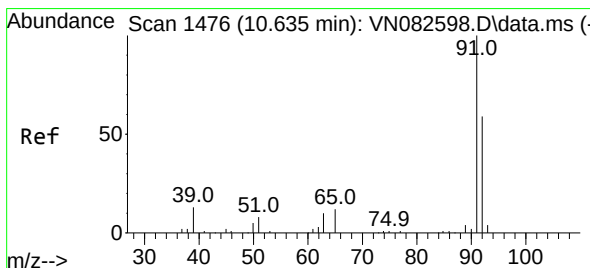
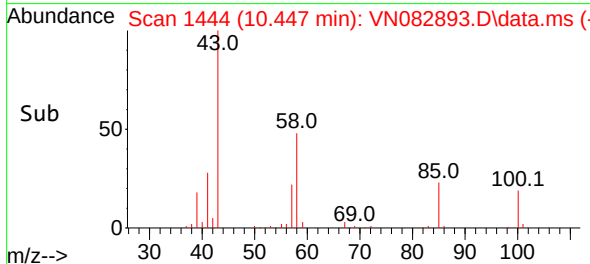
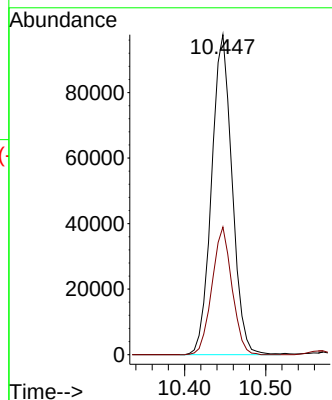
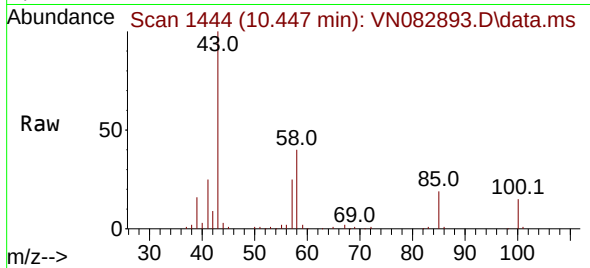
#51
4-Methyl-2-Pentanone
Concen: 90.868 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01

Tgt Ion: 43 Resp: 171608
Ion Ratio Lower Upper
43 100
58 38.7 28.2 42.4

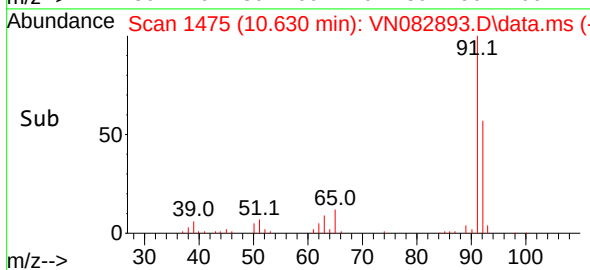
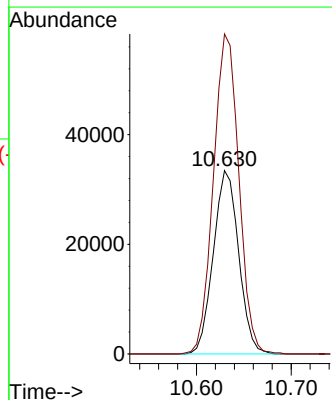
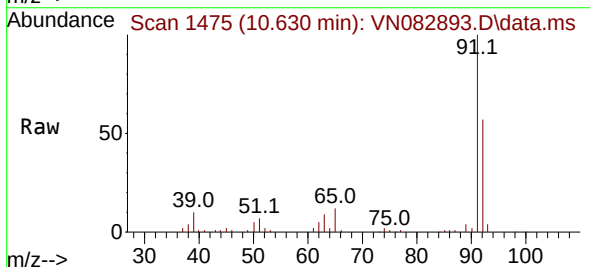
Manual Integrations
APPROVED

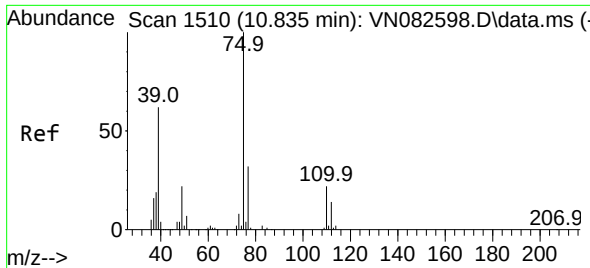
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#52
Toluene
Concen: 17.269 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.005 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

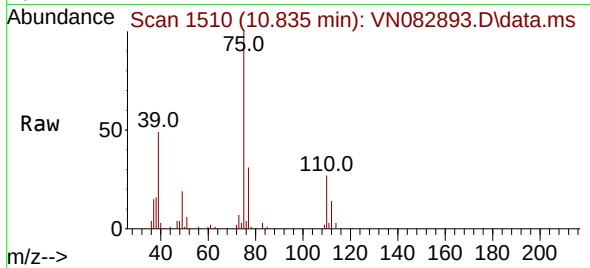
Tgt Ion: 92 Resp: 62088
Ion Ratio Lower Upper
92 100
91 175.4 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 16.837 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

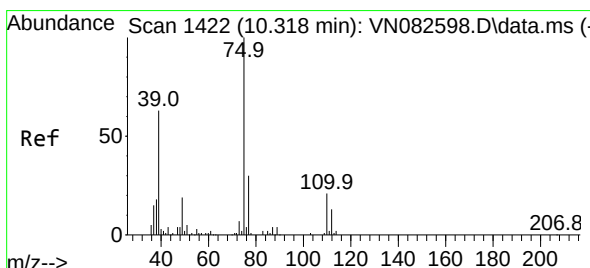
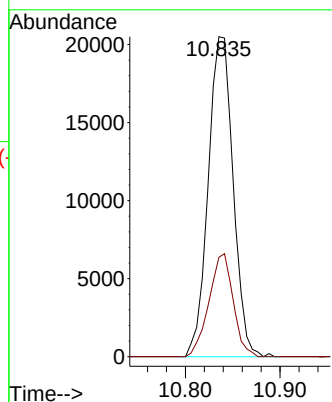
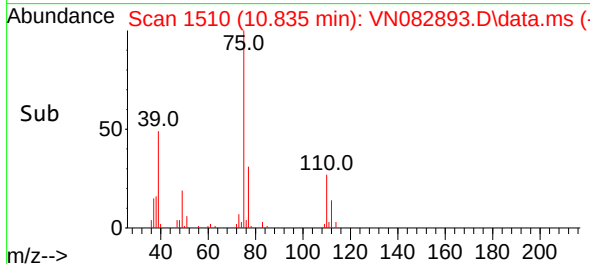
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



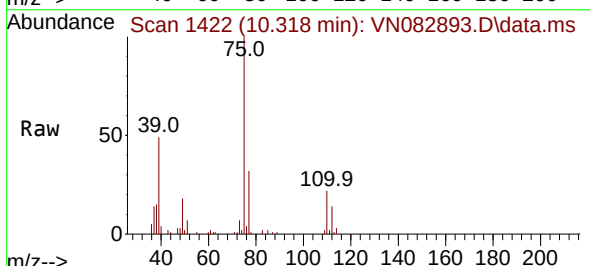
Tgt Ion: 75 Resp: 3751
Ion Ratio Lower Upper
75 100
77 31.0 25.7 38.5

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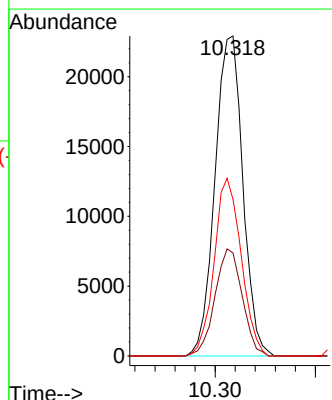
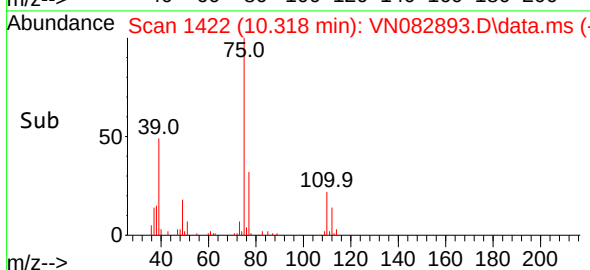
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

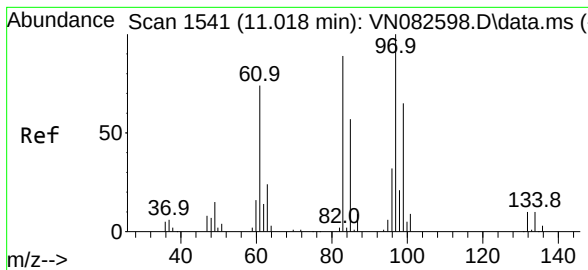


#54
cis-1,3-Dichloropropene
Concen: 18.729 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39



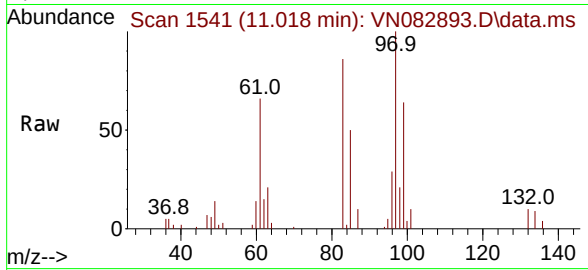
Tgt Ion: 75 Resp: 44174
Ion Ratio Lower Upper
75 100
77 32.2 24.3 36.5
39 49.0 50.5 75.7#





#55
1,1,2-Trichloroethane
Concen: 17.989 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01

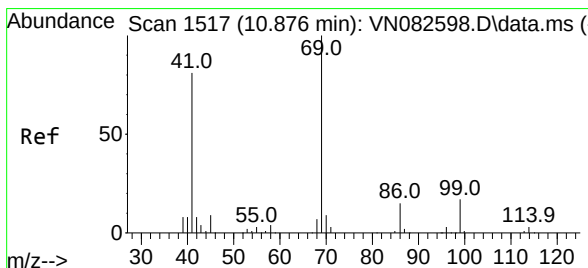
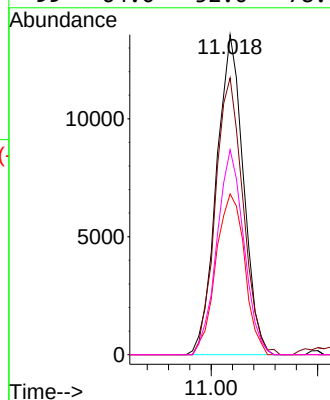
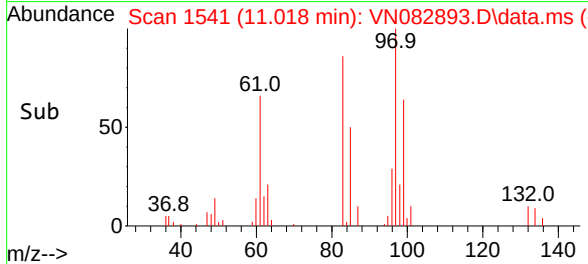


Tgt Ion: 97 Resp: 2378

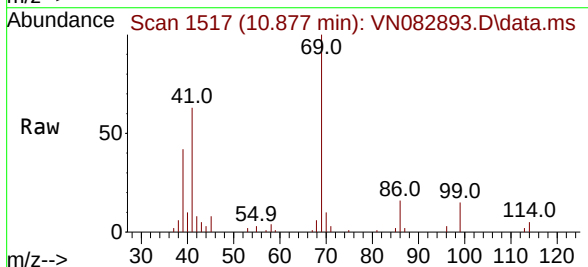
Ion	Ratio	Lower	Upper
97	100		
83	86.5	71.4	107.0
85	50.2	45.8	68.6
99	64.0	52.0	78.0

Manual Integrations
APPROVED

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

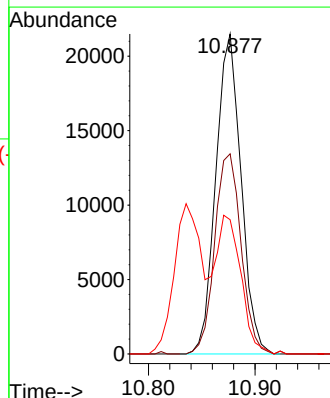
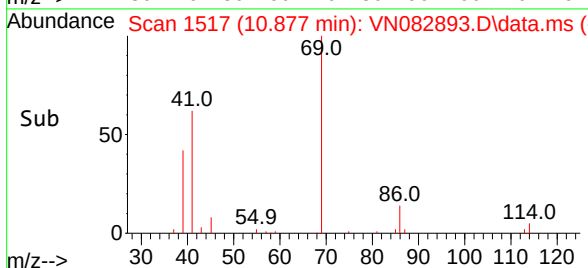


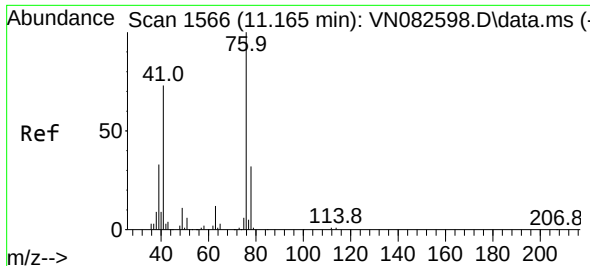
#56
Ethyl methacrylate
Concen: 17.172 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39



Tgt Ion: 69 Resp: 35321

Ion	Ratio	Lower	Upper
69	100		
41	65.6	63.4	95.2
39	40.6	37.4	56.0





#57

1,3-Dichloropropane

Concen: 17.322 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082893.D

Acq: 12 Jul 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBSD01

Tgt Ion: 76 Resp: 4053

Ion Ratio Lower Upper

76 100

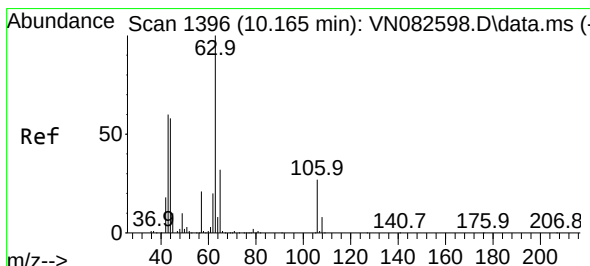
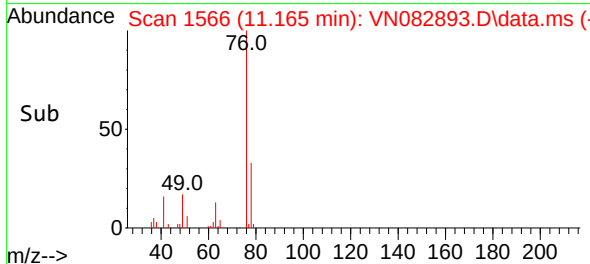
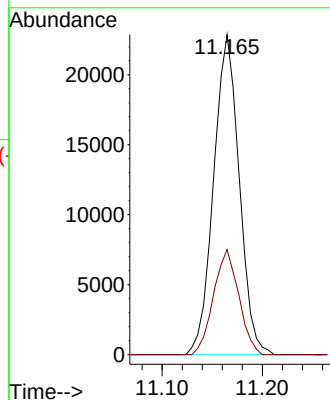
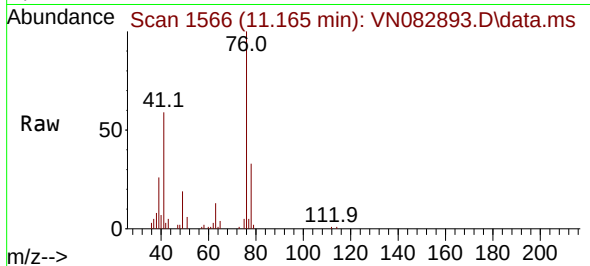
78 32.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#58

2-Chloroethyl Vinyl ether

Concen: 95.927 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN082893.D

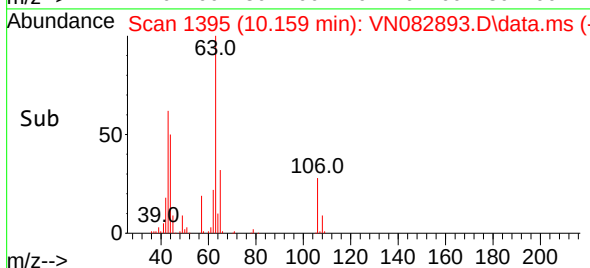
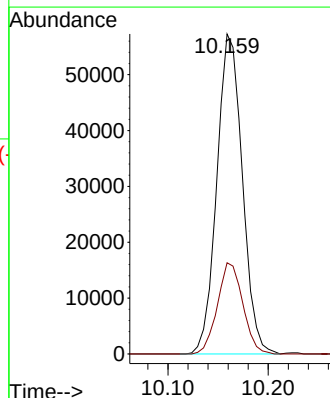
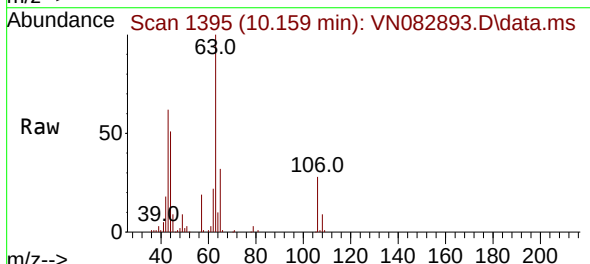
Acq: 12 Jul 2024 12:39

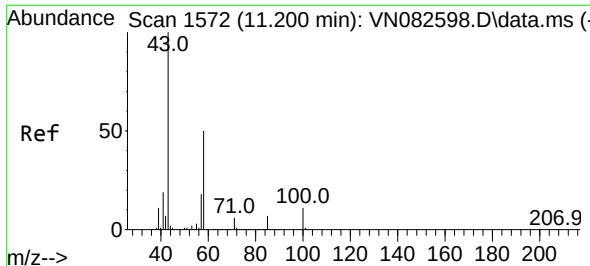
Tgt Ion: 63 Resp: 101246

Ion Ratio Lower Upper

63 100

106 28.3 21.4 32.0





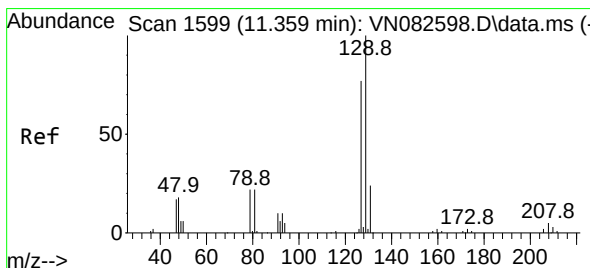
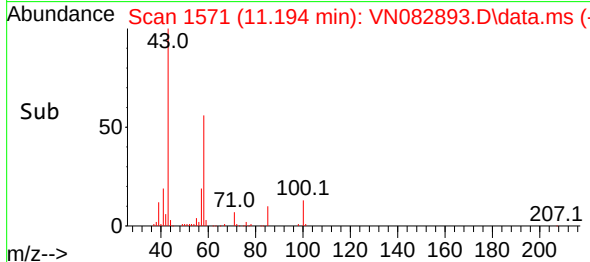
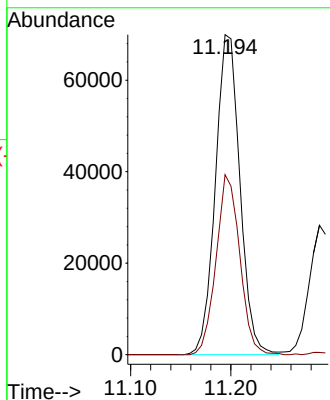
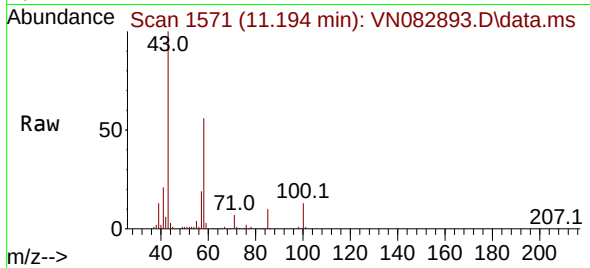
#59
2-Hexanone
Concen: 84.777 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01

Tgt Ion: 43 Resp: 11903
Ion Ratio Lower Upper
43 100
58 54.2 24.6 73.8

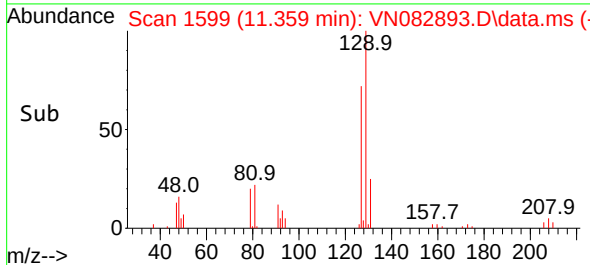
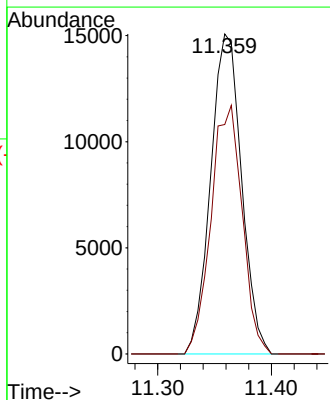
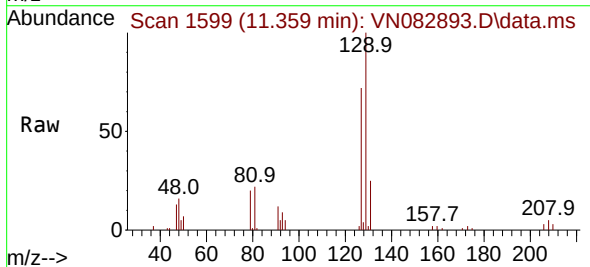
Manual Integrations
APPROVED

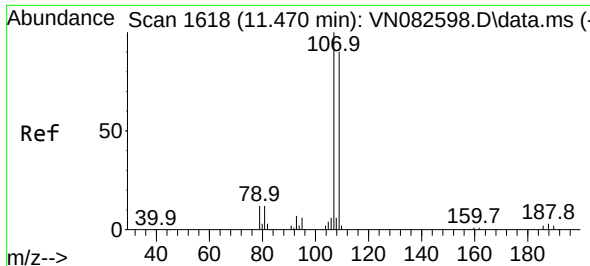
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#60
Dibromochloromethane
Concen: 16.929 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

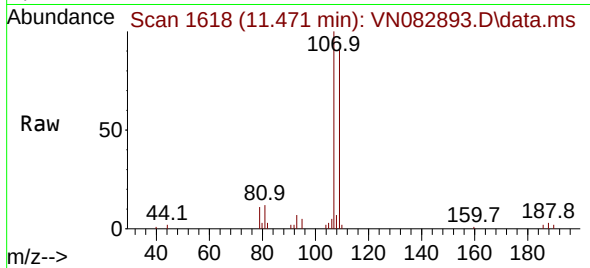
Tgt Ion:129 Resp: 28506
Ion Ratio Lower Upper
129 100
127 78.2 39.2 117.6





#61
1,2-Dibromoethane
Concen: 17.669 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

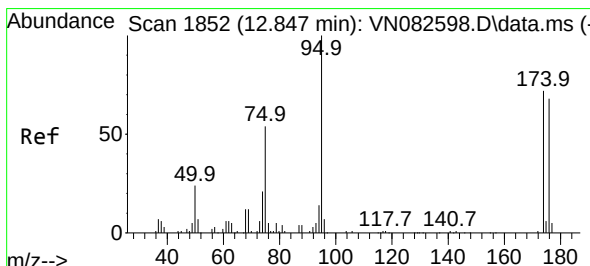
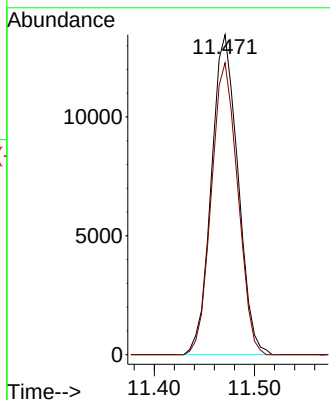
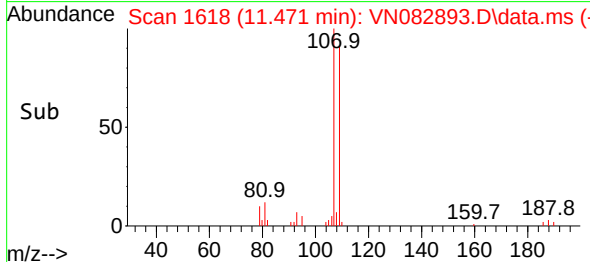
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



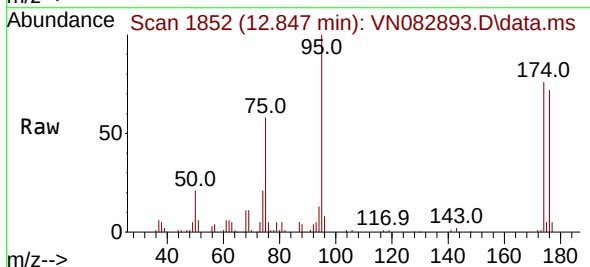
Tgt Ion:107 Resp: 2480
Ion Ratio Lower Upper
107 100
109 90.3 73.7 110.5

Manual Integrations
APPROVED

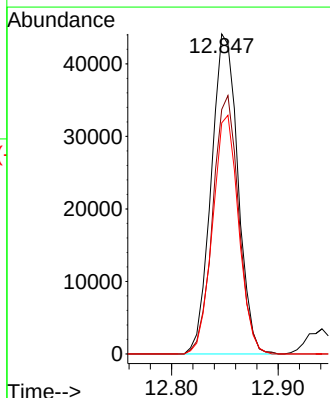
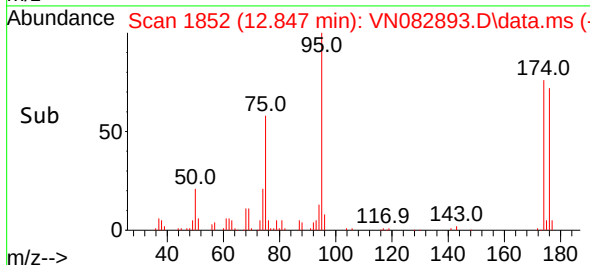
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

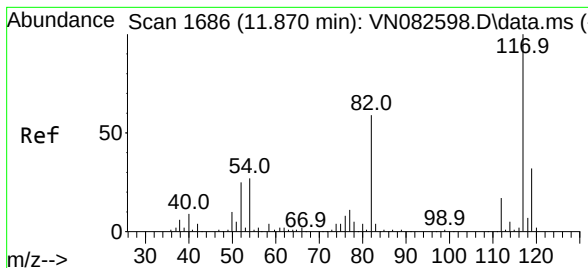


#62
4-Bromofluorobenzene
Concen: 42.651 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39



Tgt Ion: 95 Resp: 76794
Ion Ratio Lower Upper
95 100
174 78.3 0.0 159.2
176 72.7 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN082893.D

Acq: 12 Jul 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBSD01

Tgt Ion:117 Resp: 17474

Ion Ratio Lower Upper

117 100

82 56.1 47.5 71.3

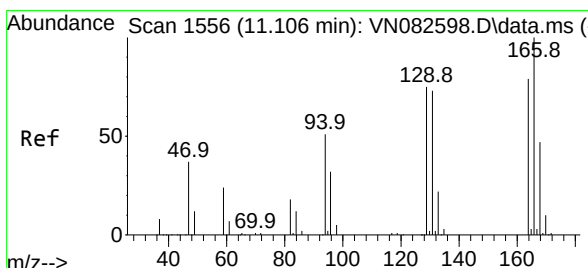
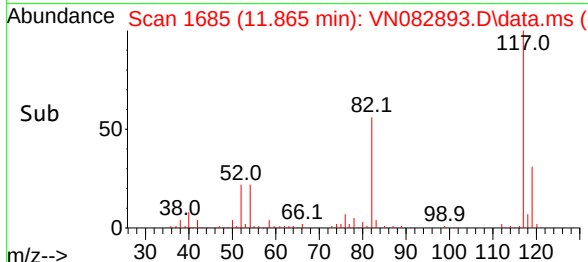
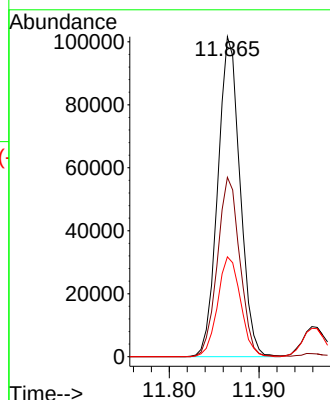
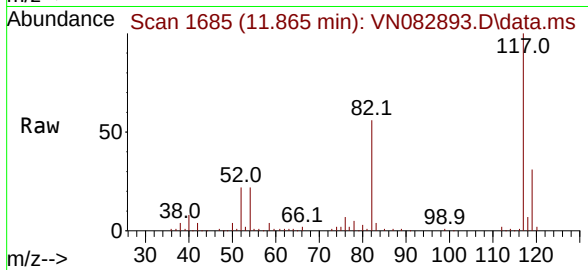
119 31.2 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#64

Tetrachloroethene

Concen: 17.471 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN082893.D

Acq: 12 Jul 2024 12:39

Tgt Ion:164 Resp: 22777

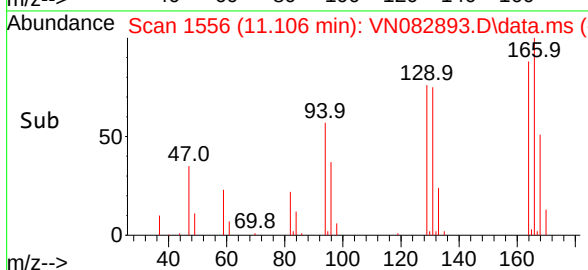
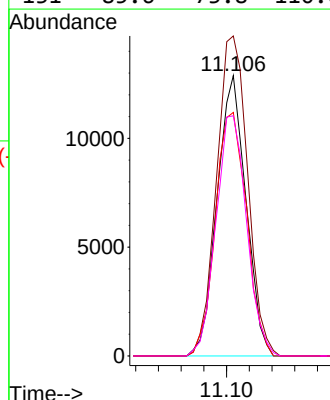
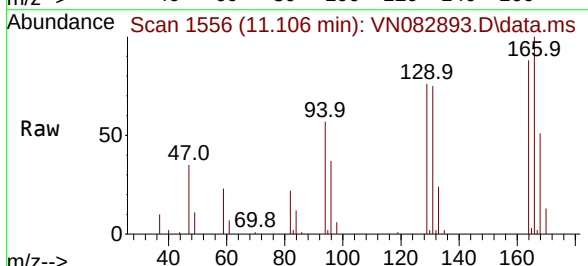
Ion Ratio Lower Upper

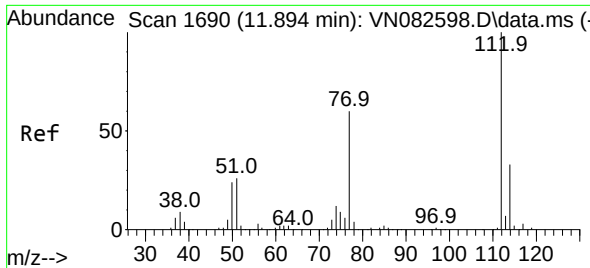
164 100

166 114.1 101.4 152.0

129 86.9 75.7 113.5

131 85.6 73.8 110.6





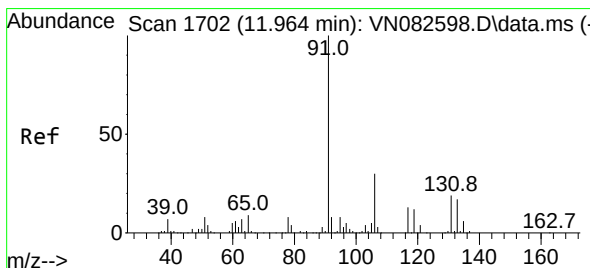
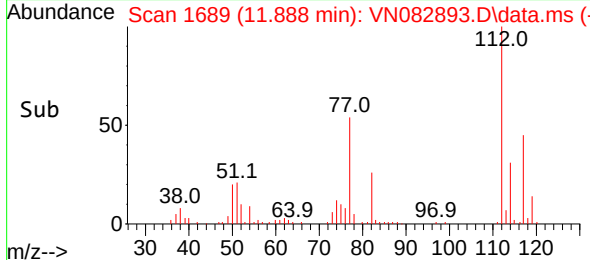
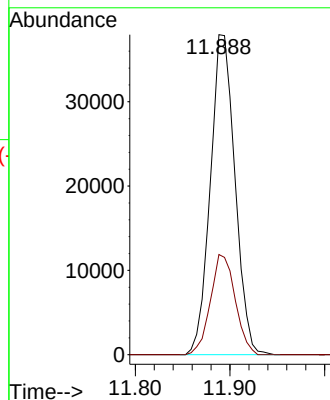
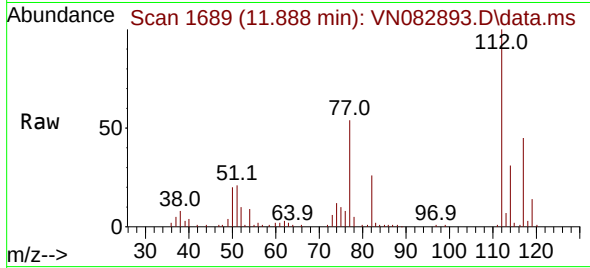
#65
Chlorobenzene
Concen: 18.344 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01

Tgt Ion:112 Resp: 68689
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.2

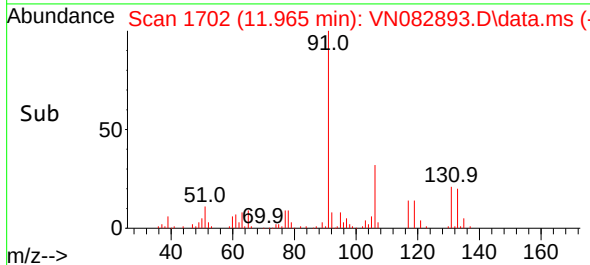
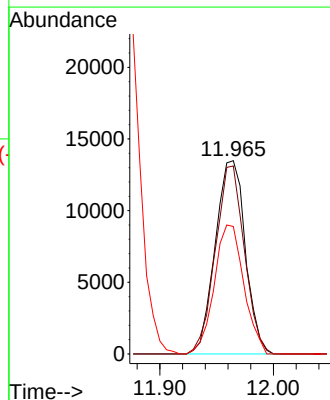
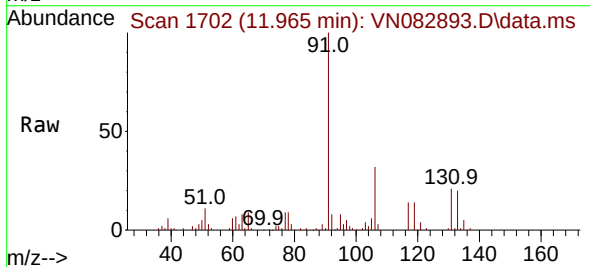
Manual Integrations
APPROVED

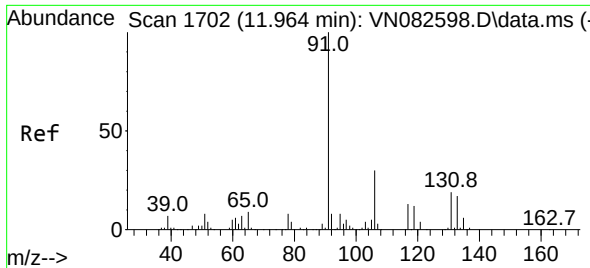
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.613 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

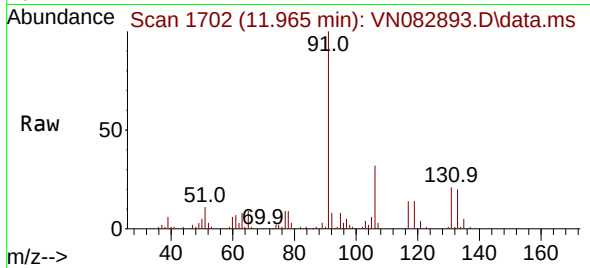
Tgt Ion:131 Resp: 24791
Ion Ratio Lower Upper
131 100
133 94.1 47.3 142.0
119 65.8 32.5 97.4





#67
Ethyl Benzene
Concen: 17.559 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

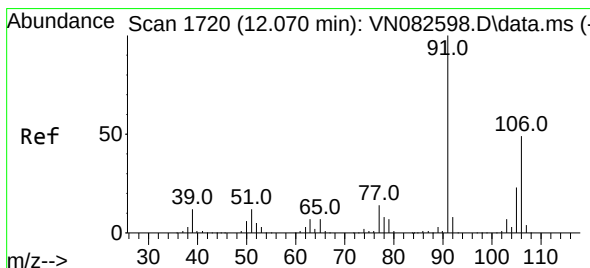
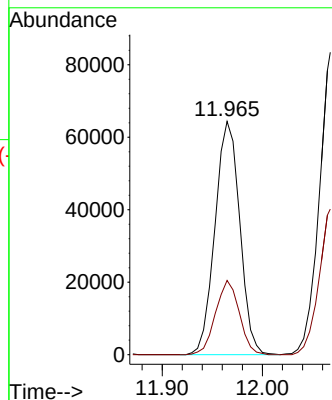
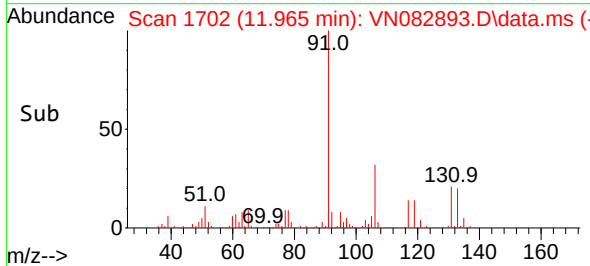
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 91 Resp: 110508
Ion Ratio Lower Upper
91 100
106 31.9 24.0 36.0

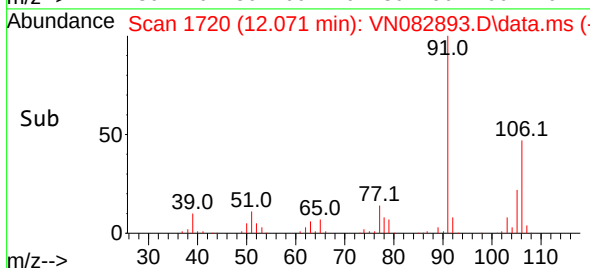
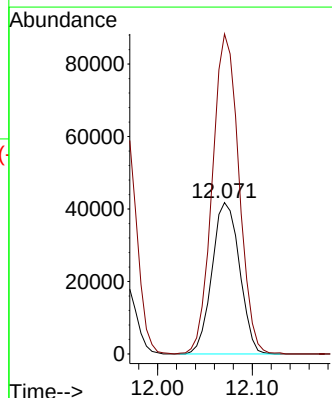
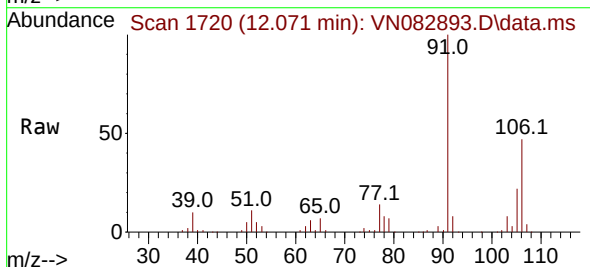
Manual Integrations
APPROVED

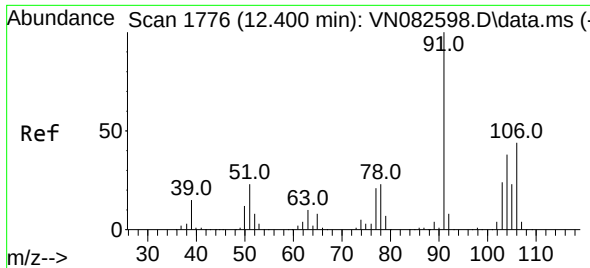
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#68
m/p-Xylenes
Concen: 35.483 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.001 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

Tgt Ion:106 Resp: 84309
Ion Ratio Lower Upper
106 100
91 204.5 166.1 249.1





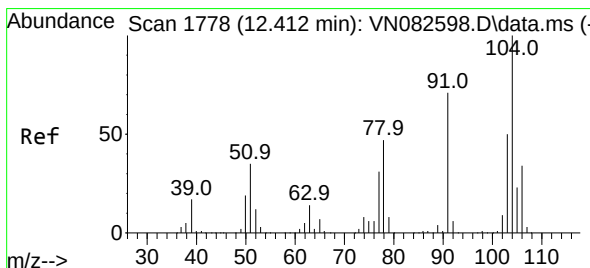
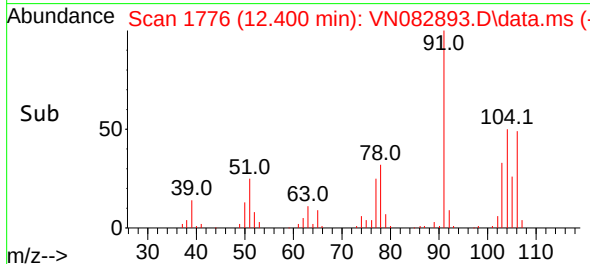
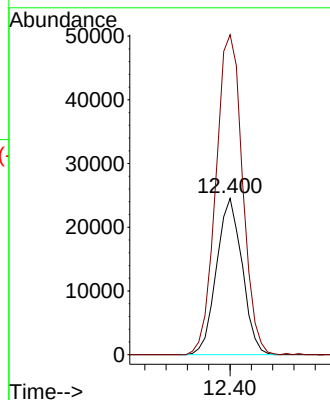
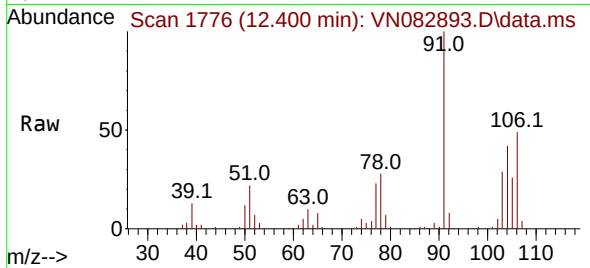
#69
o-Xylene
Concen: 18.002 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01

Tgt Ion:106 Resp: 40985
Ion Ratio Lower Upper
106 100
91 212.6 111.3 333.9

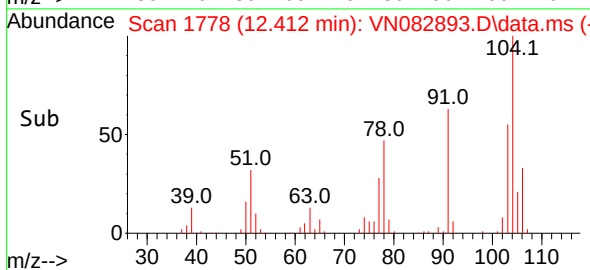
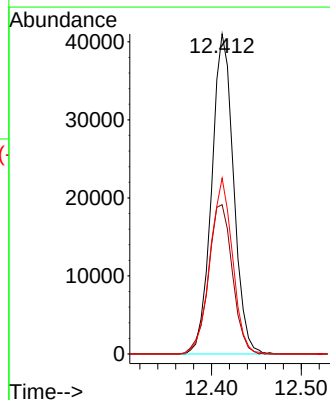
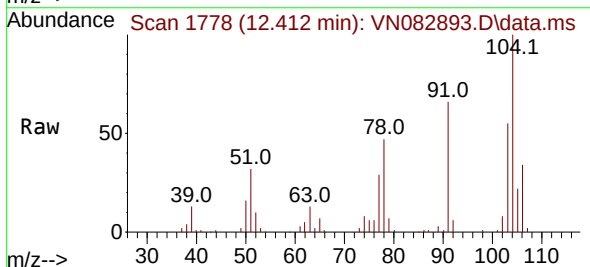
Manual Integrations
APPROVED

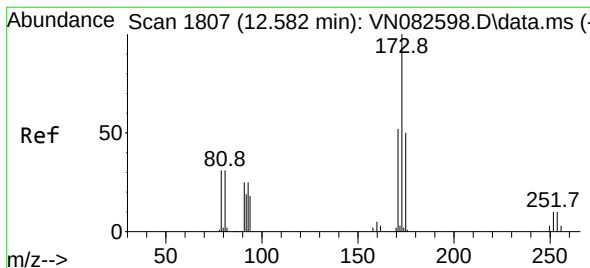
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#70
Styrene
Concen: 18.458 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

Tgt Ion:104 Resp: 69434
Ion Ratio Lower Upper
104 100
78 51.2 41.6 62.4
103 56.2 44.0 66.0





#71

Bromoform

Concen: 17.408 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN082893.D

Acq: 12 Jul 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBSD01

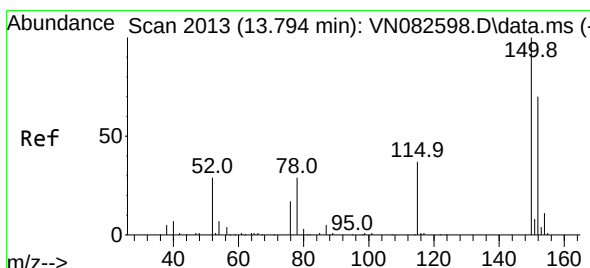
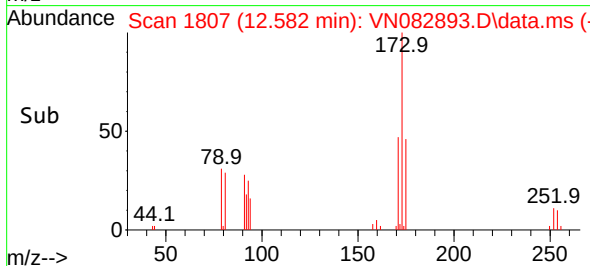
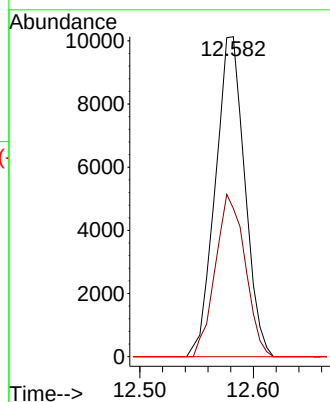
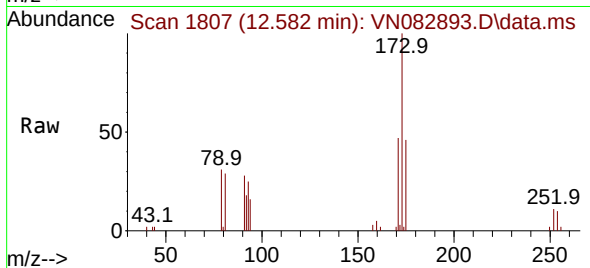
Tgt Ion:	173	Resp:	1823
Ion Ratio	Lower	Upper	
173	100		
175	51.3	24.0	72.0
254	0.0	0.0	0.0

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

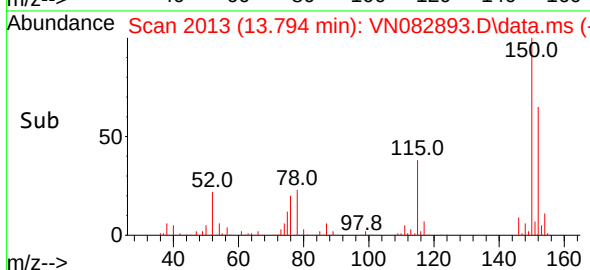
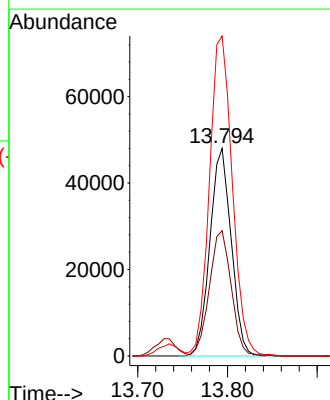
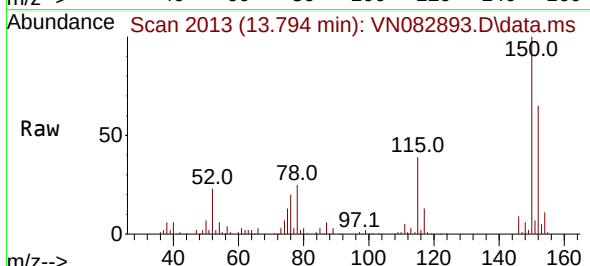
RT: 13.794 min Scan# 2013

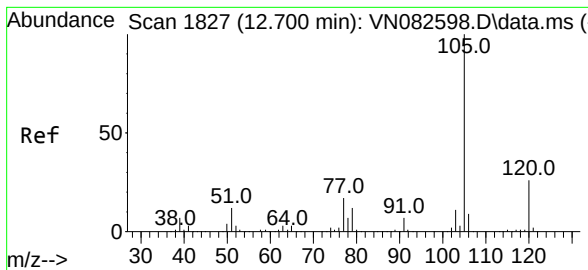
Delta R.T. 0.000 min

Lab File: VN082893.D

Acq: 12 Jul 2024 12:39

Tgt Ion:	152	Resp:	79190
Ion Ratio	Lower	Upper	
152	100		
115	61.8	30.6	91.6
150	165.5	0.0	348.6





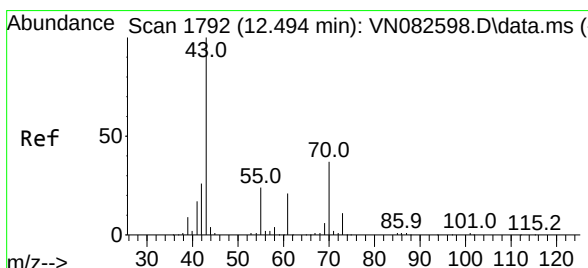
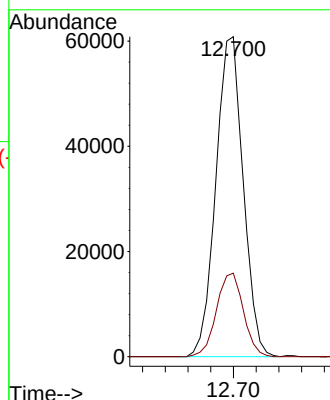
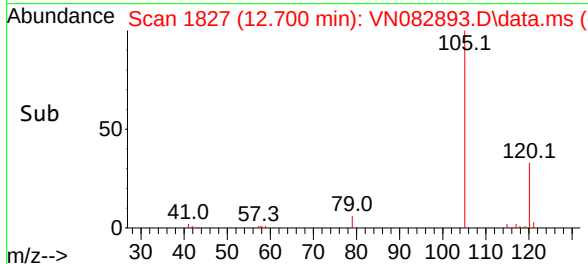
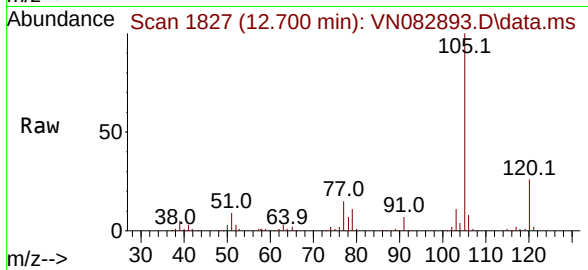
#73
Isopropylbenzene
Concen: 17.652 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01

Tgt Ion:105 Resp: 101579
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

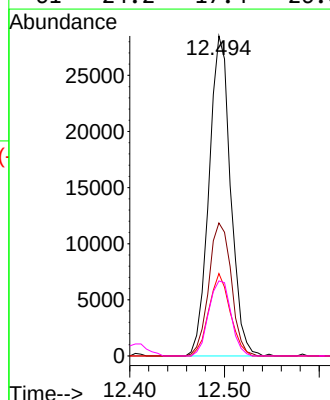
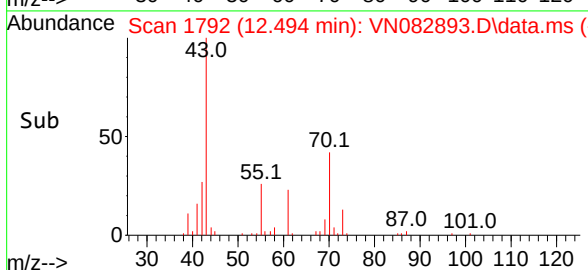
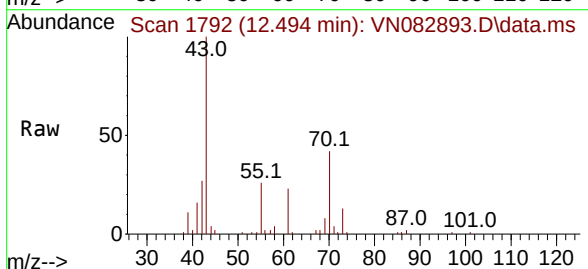
Manual Integrations
APPROVED

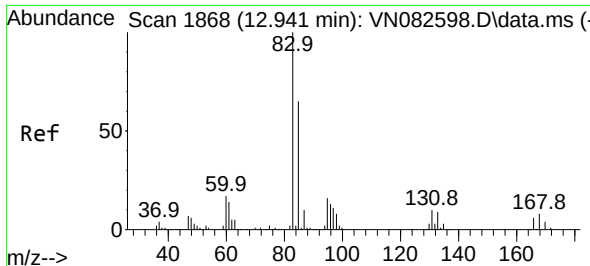
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#74
N-ethyl acetate
Concen: 18.954 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

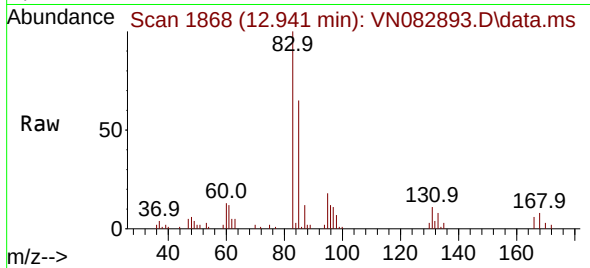
Tgt Ion: 43 Resp: 45114
Ion Ratio Lower Upper
43 100
70 43.3 29.8 44.6
55 25.4 18.7 28.1
61 24.2 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 19.482 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

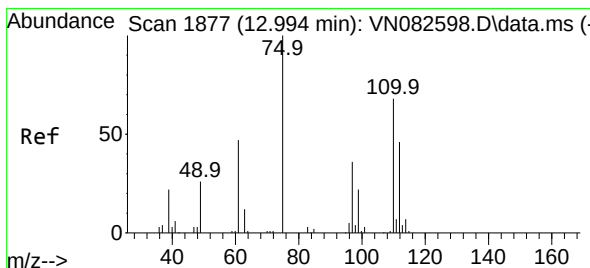
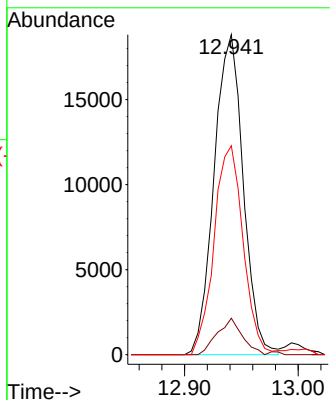
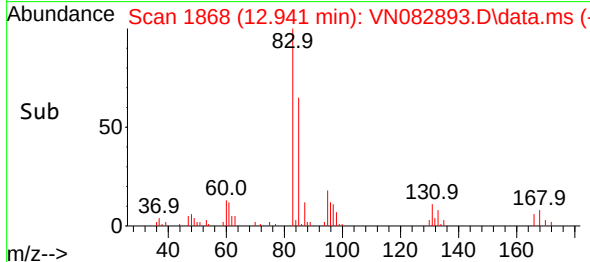
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



Tgt Ion: 83 Resp: 3357
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 65.3 31.9 95.7

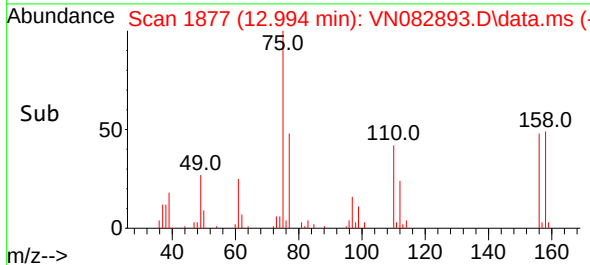
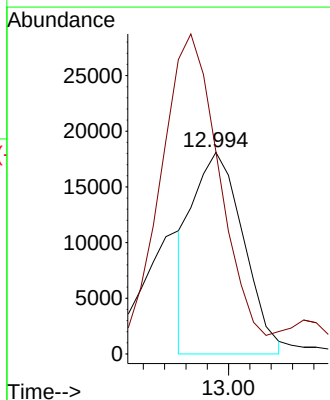
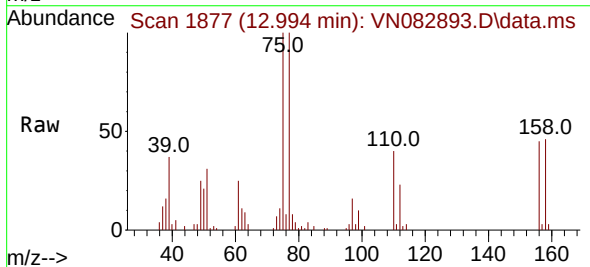
Manual Integrations
APPROVED

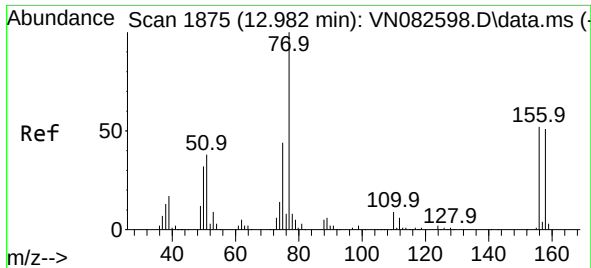
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#76
1,2,3-Trichloropropane
Concen: 21.970 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

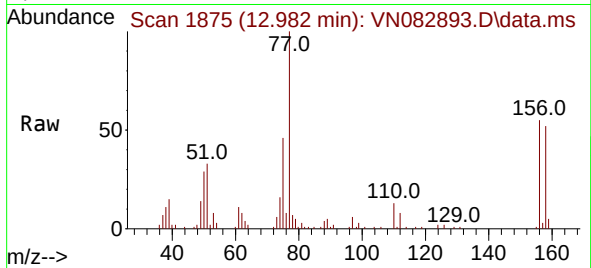
Tgt Ion: 75 Resp: 29995
Ion Ratio Lower Upper
75 100
77 188.5 110.9 332.6





#77
Bromobenzene
Concen: 18.126 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

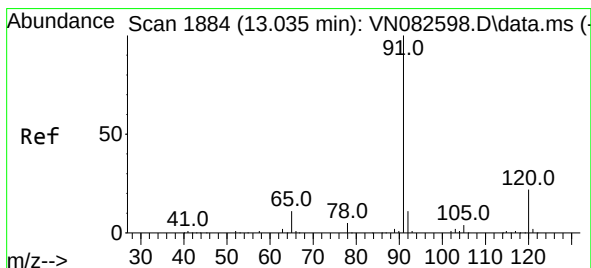
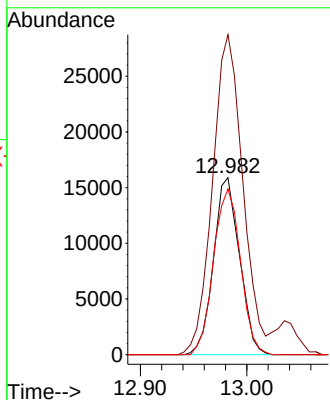
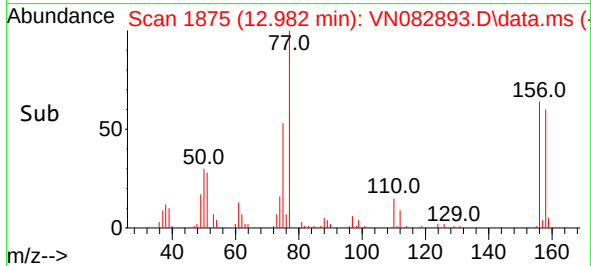
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



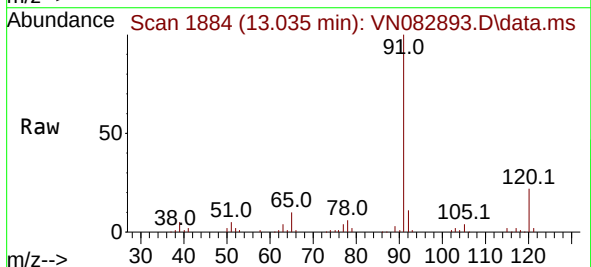
Tgt Ion:156 Resp: 26908
Ion Ratio Lower Upper
156 100
77 210.2 111.3 333.8
158 97.5 48.3 144.9

Manual Integrations
APPROVED

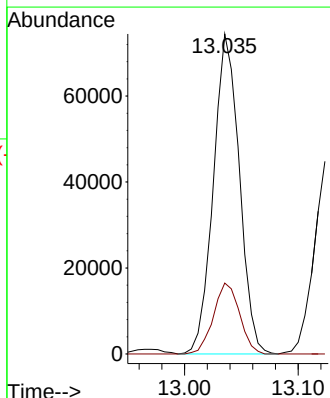
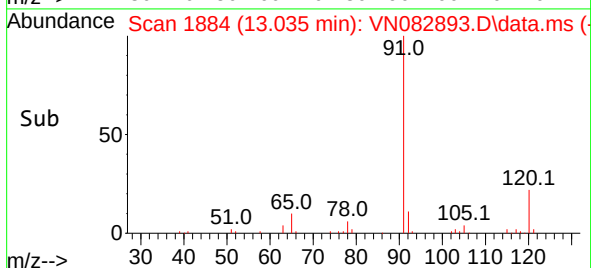
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

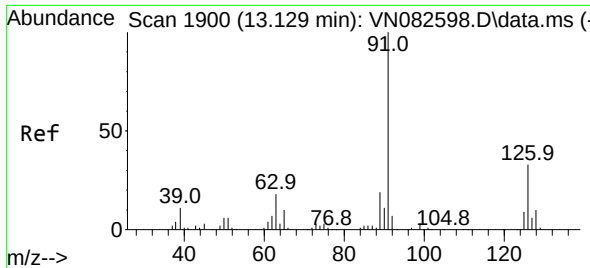


#78
n-propylbenzene
Concen: 17.893 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39



Tgt Ion: 91 Resp: 118381
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9





#79
2-Chlorotoluene
Concen: 17.696 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBSD01

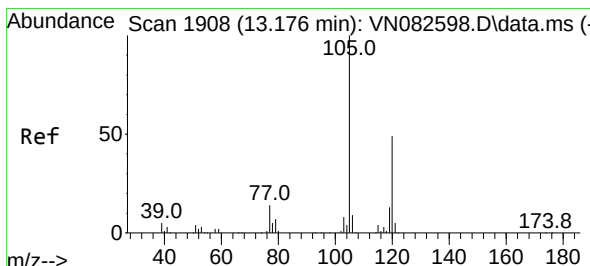
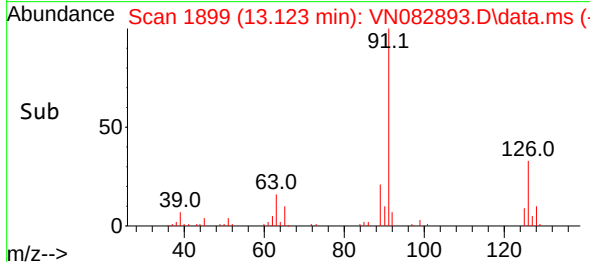
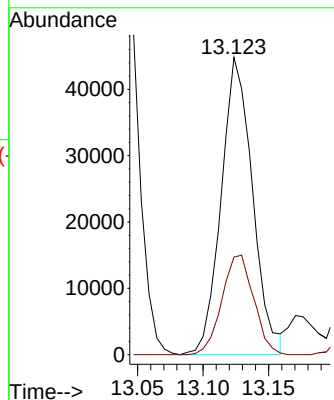
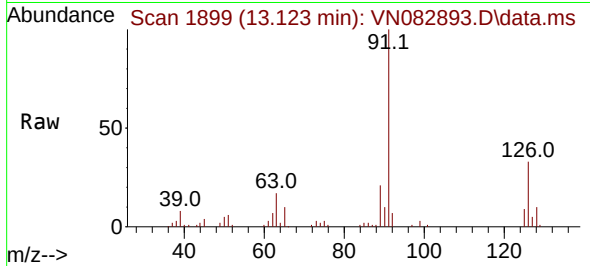
Tgt Ion: 91 Resp: 74598
Ion Ratio Lower Upper
91 100
126 34.0 16.2 48.6

Manual Integrations

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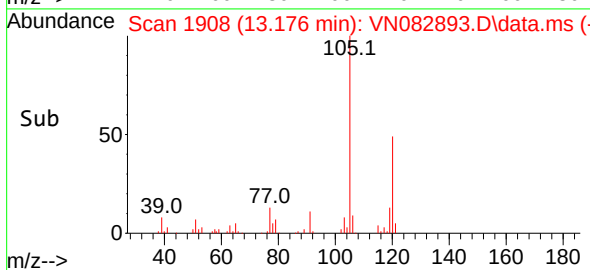
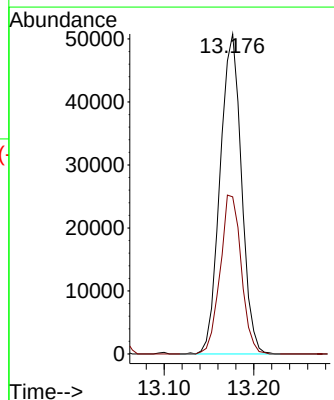
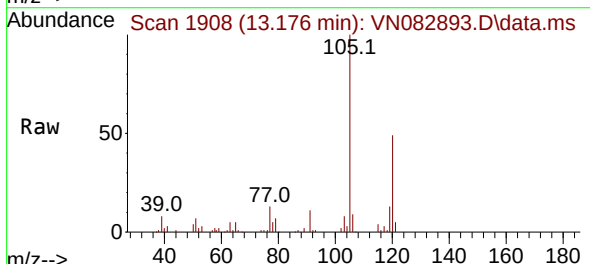
Reviewed By :John Carlone 07/15/2024

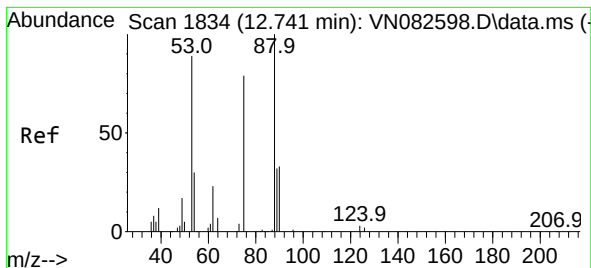
Supervised By :Mahesh Dadoda 07/15/2024



#80
1,3,5-Trimethylbenzene
Concen: 18.051 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

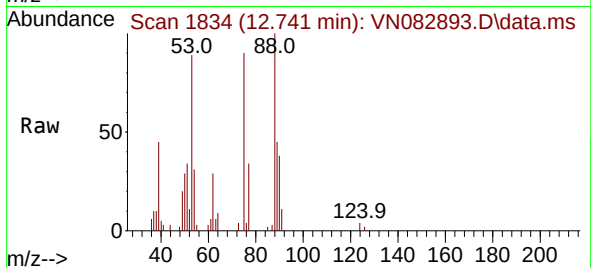
Tgt Ion:105 Resp: 83961
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 17.046 ug/l m
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

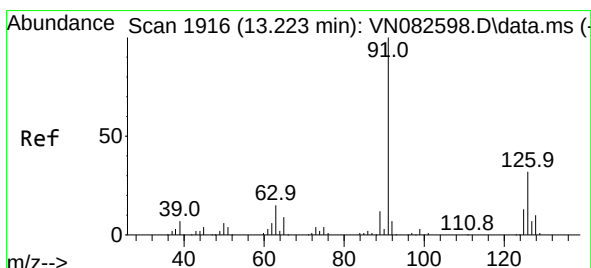
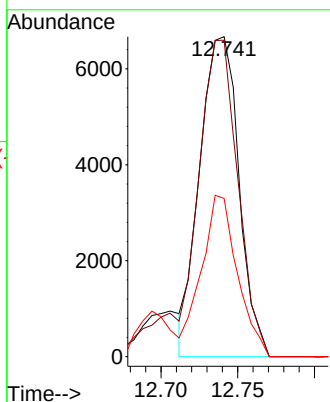
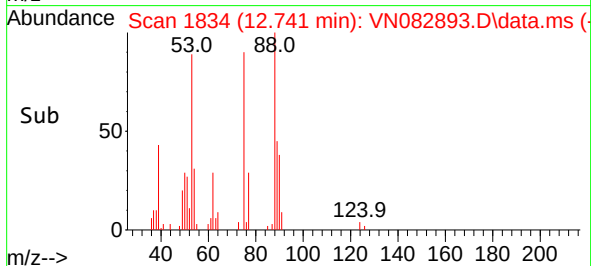
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



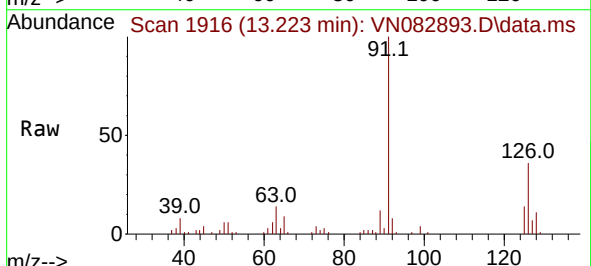
Tgt Ion: 75 Resp: 1183
Ion Ratio Lower Upper
75 100
53 110.2 88.4 132.6
89 46.6 36.3 54.5

Manual Integrations
APPROVED

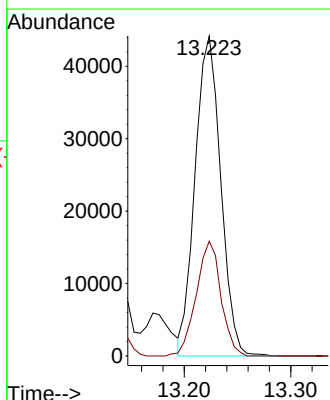
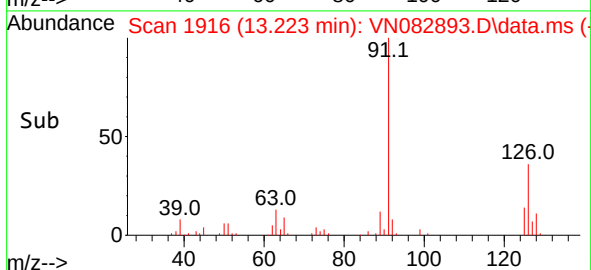
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

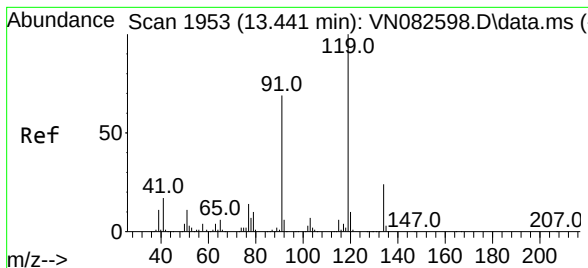


#82
4-Chlorotoluene
Concen: 17.722 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39



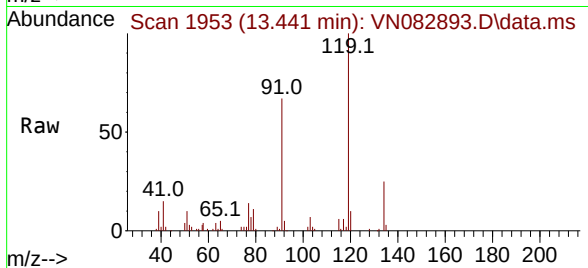
Tgt Ion: 91 Resp: 73947
Ion Ratio Lower Upper
91 100
126 34.5 16.2 48.6





#83
tert-Butylbenzene
Concen: 16.821 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

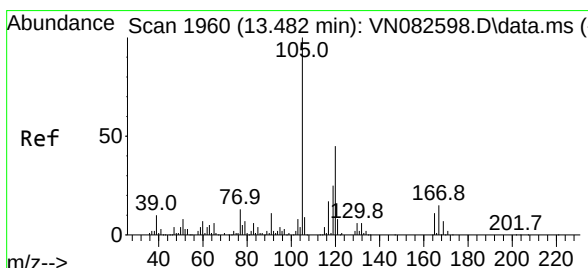
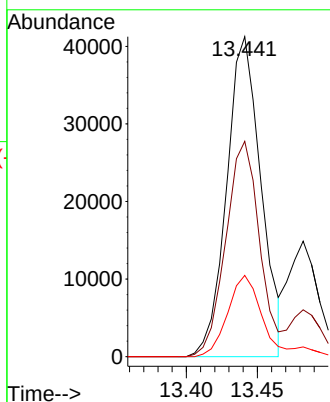
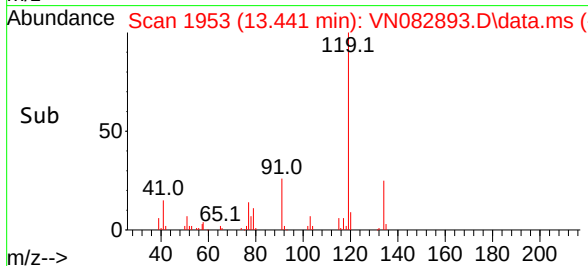
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



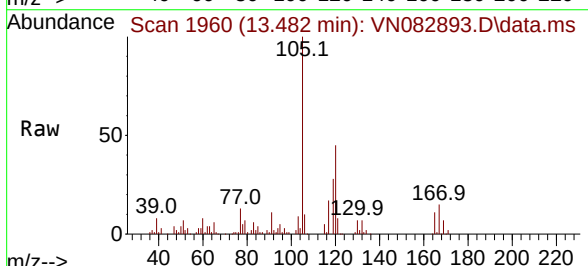
Tgt Ion:119 Resp: 6936
Ion Ratio Lower Upper
119 100
91 66.1 35.0 105.1
134 26.7 13.3 39.8

Manual Integrations
APPROVED

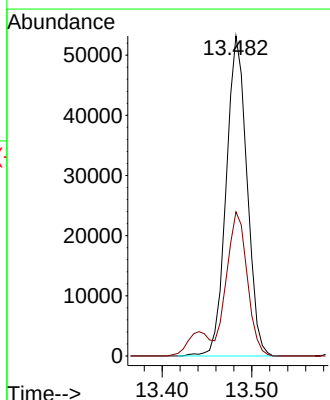
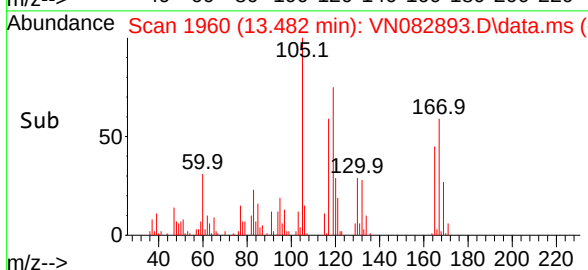
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

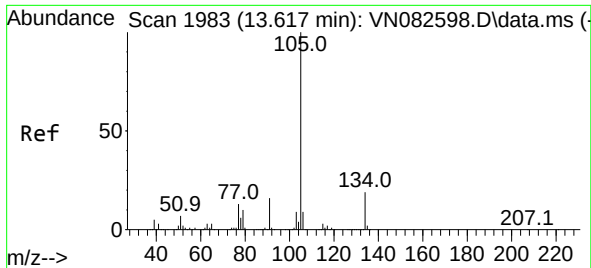


#84
1,2,4-Trimethylbenzene
Concen: 17.993 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39



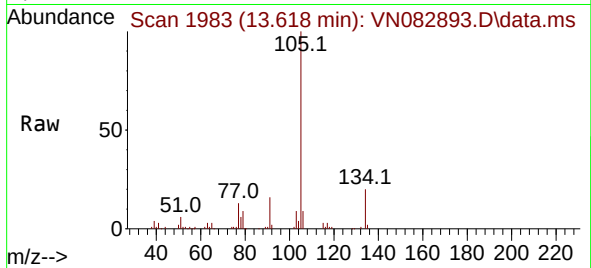
Tgt Ion:105 Resp: 85299
Ion Ratio Lower Upper
105 100
120 44.2 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 17.670 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.001 min
 Lab File: VN082893.D
 Acq: 12 Jul 2024 12:39

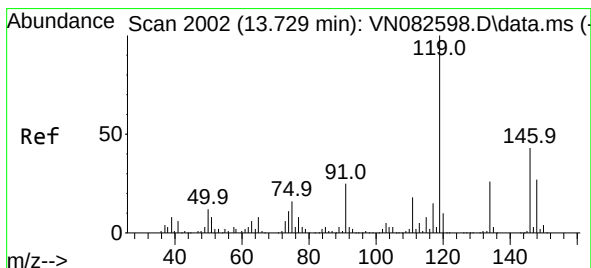
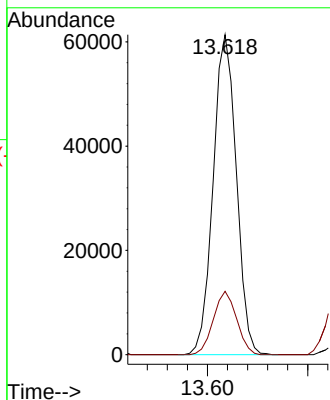
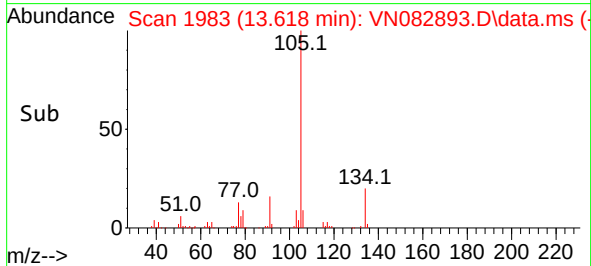
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBSD01



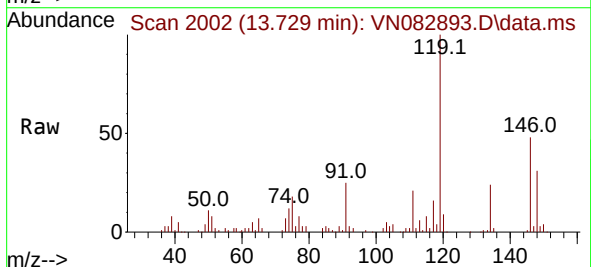
Tgt Ion:105 Resp: 9846
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

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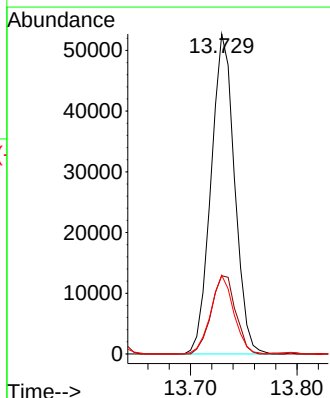
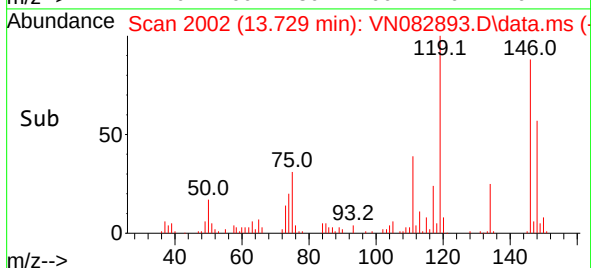
Reviewed By :John Carlone 07/15/2024
 Supervised By :Mahesh Dadoda 07/15/2024

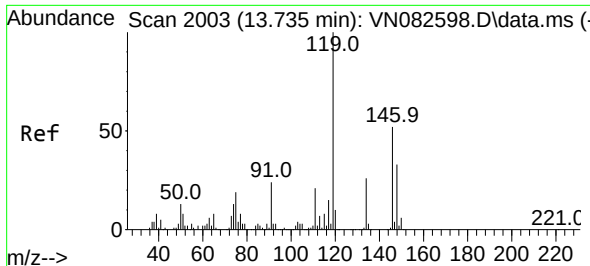


#86
 p-Isopropyltoluene
 Concen: 17.410 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082893.D
 Acq: 12 Jul 2024 12:39



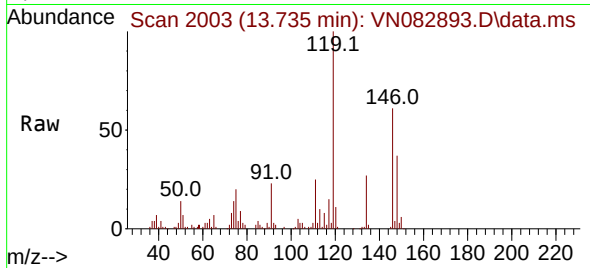
Tgt Ion:119 Resp: 80941
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.0 39.0
 91 24.1 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 17.918 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

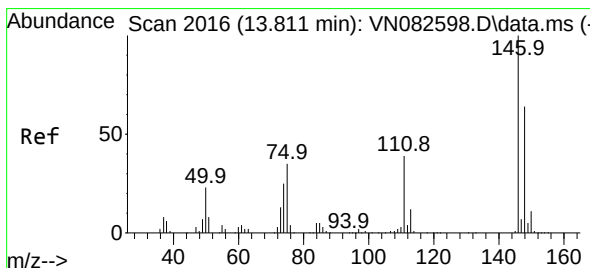
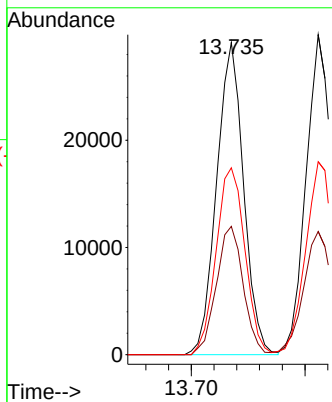
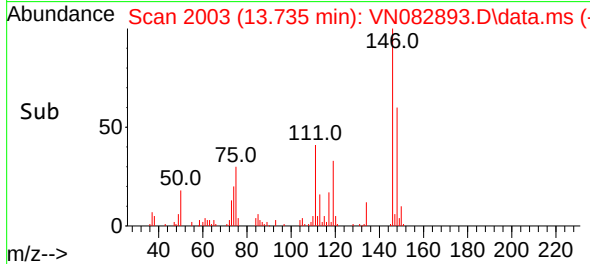
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



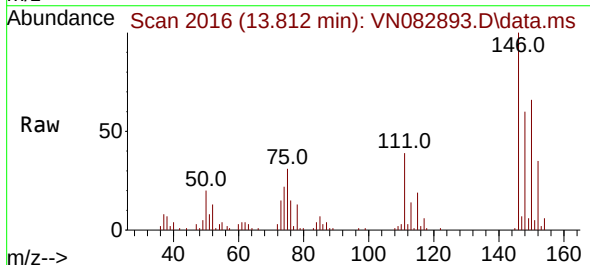
Tgt Ion:146 Resp: 4805
Ion Ratio Lower Upper
146 100
111 41.1 20.6 61.9
148 64.0 31.8 95.3

Manual Integrations
APPROVED

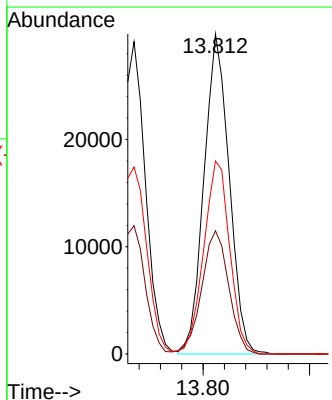
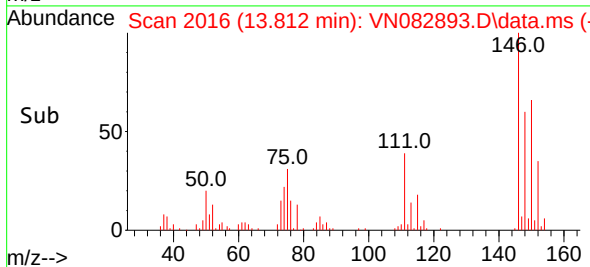
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

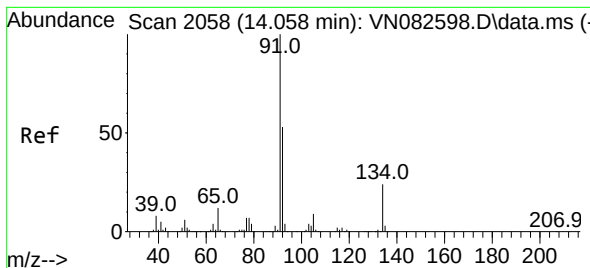


#88
1,4-Dichlorobenzene
Concen: 17.666 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.001 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39



Tgt Ion:146 Resp: 48996
Ion Ratio Lower Upper
146 100
111 41.4 20.1 60.3
148 62.5 32.2 96.6





#89

n-Butylbenzene

Concen: 16.909 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082893.D

Acq: 12 Jul 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBSD01

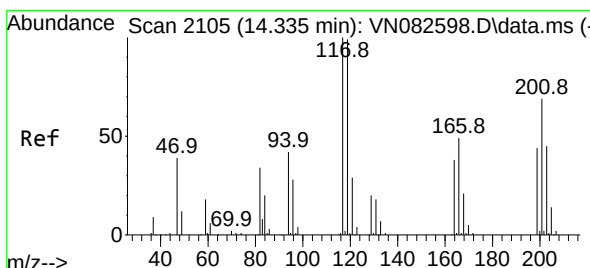
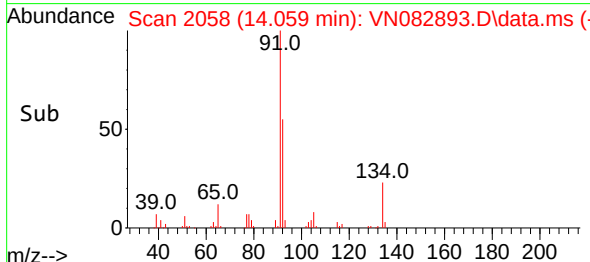
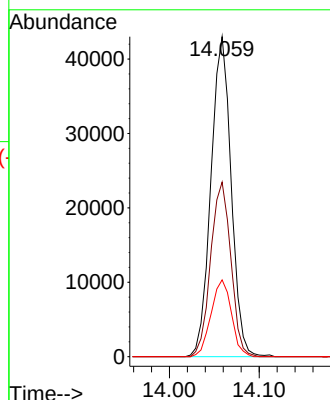
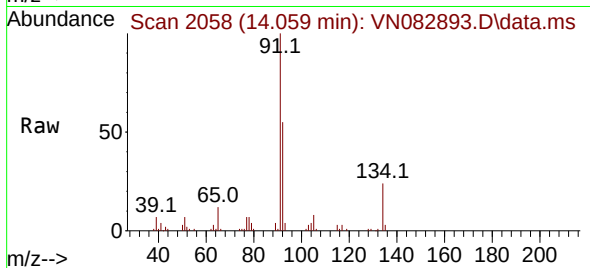
Tgt Ion: 91	Resp: 67350
Ion Ratio	Lower Upper
91	100
92	54.4 26.1 78.3
134	24.1 12.1 36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#90

Hexachloroethane

Concen: 17.003 ug/l

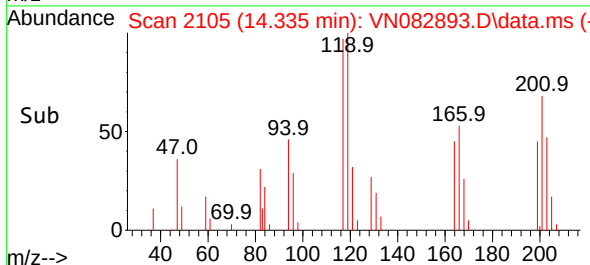
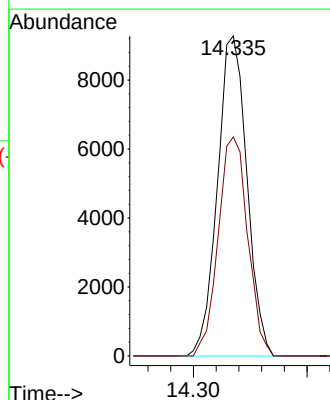
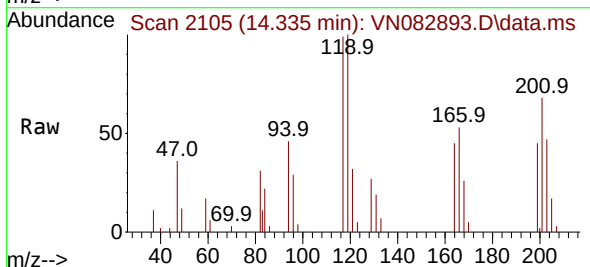
RT: 14.335 min Scan# 2105

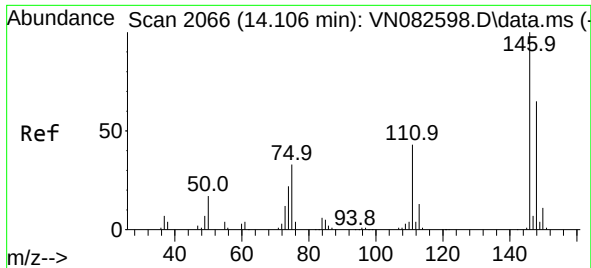
Delta R.T. 0.000 min

Lab File: VN082893.D

Acq: 12 Jul 2024 12:39

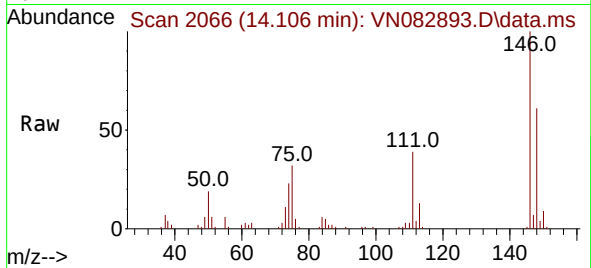
Tgt Ion:117	Resp: 16727
Ion Ratio	Lower Upper
117	100
201	68.4 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 18.137 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

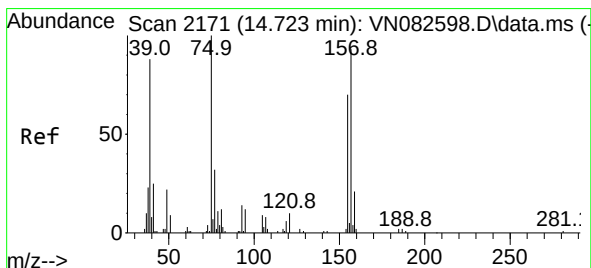
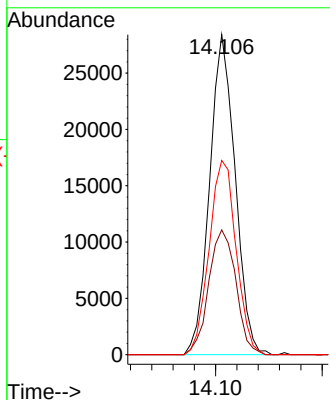
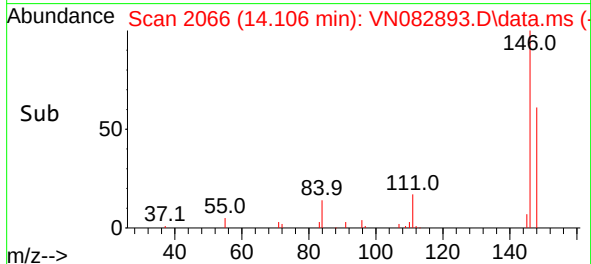
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



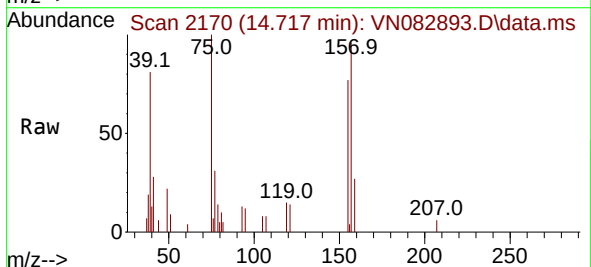
Tgt Ion:146 Resp: 47225
Ion Ratio Lower Upper
146 100
111 41.6 21.4 64.2
148 64.3 32.1 96.5

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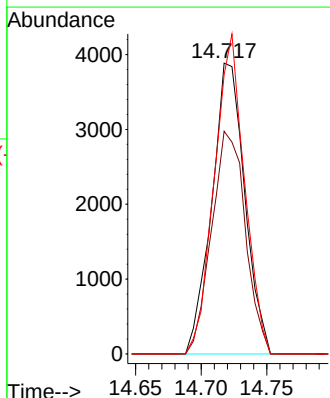
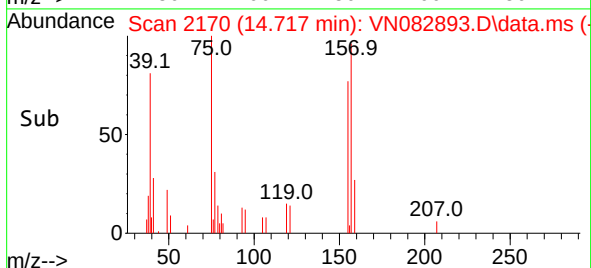
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

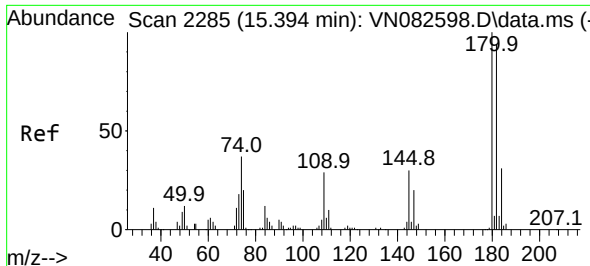


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.036 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39



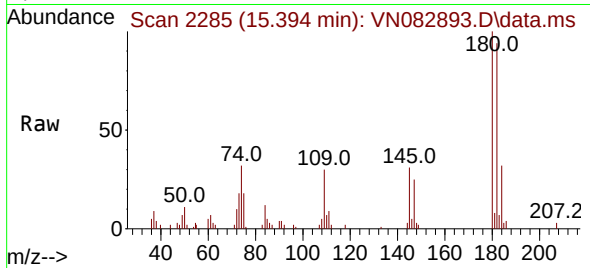
Tgt Ion: 75 Resp: 6792
Ion Ratio Lower Upper
75 100
155 78.2 36.6 109.8
157 100.3 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 16.226 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

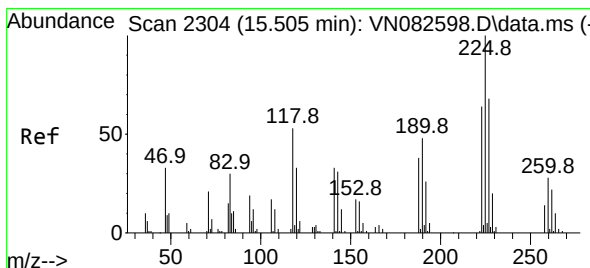
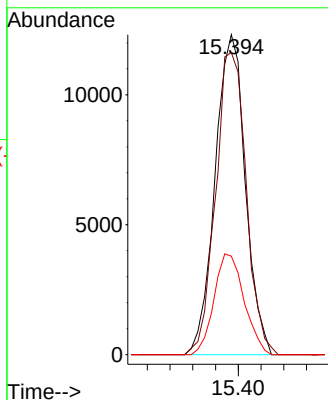
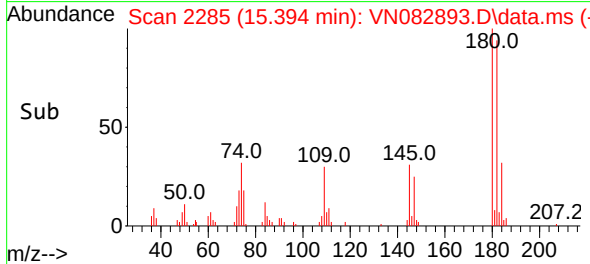
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



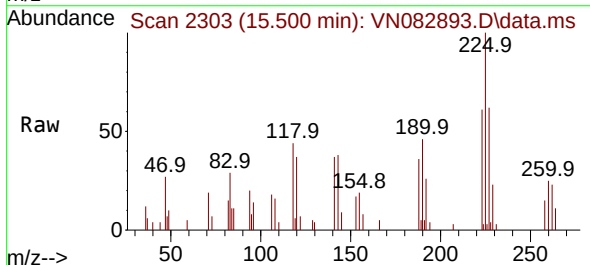
Tgt Ion:180 Resp: 2275
Ion Ratio Lower Upper
180 100
182 95.4 47.3 141.8
145 31.4 15.7 47.1

Manual Integrations
APPROVED

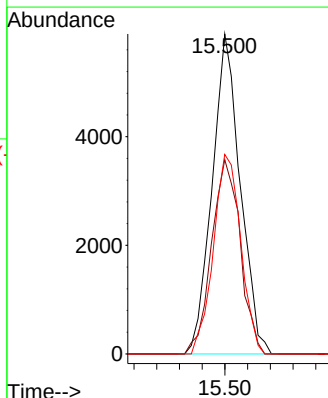
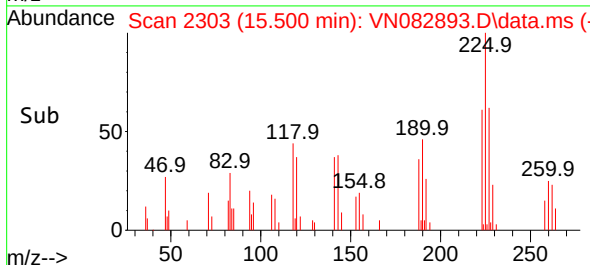
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

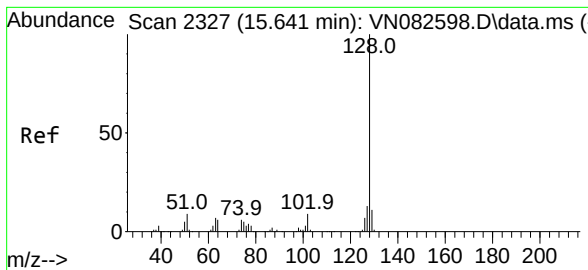


#94
Hexachlorobutadiene
Concen: 16.273 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.005 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39



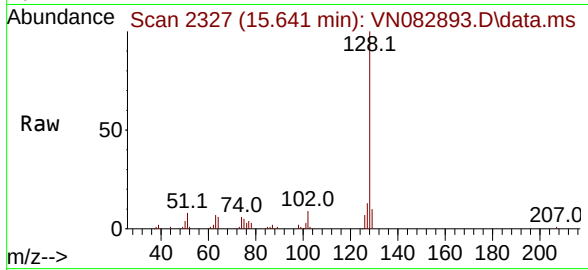
Tgt Ion:225 Resp: 10118
Ion Ratio Lower Upper
225 100
223 61.7 31.9 95.7
227 60.9 32.5 97.5





#95
Naphthalene
Concen: 15.935 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39

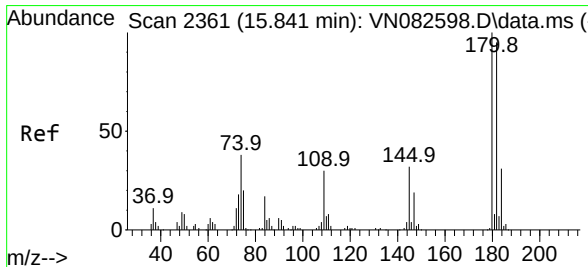
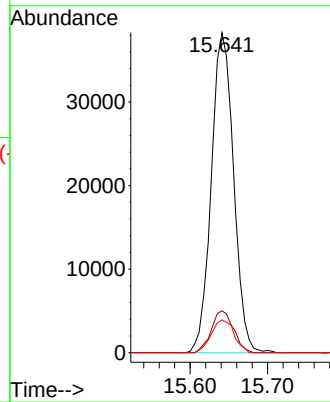
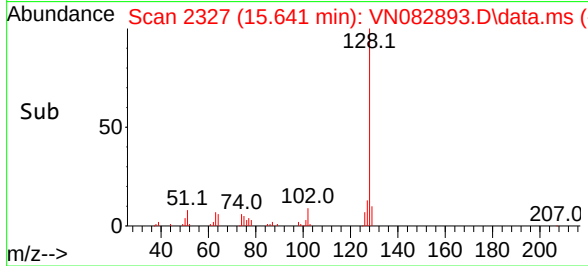
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBSD01



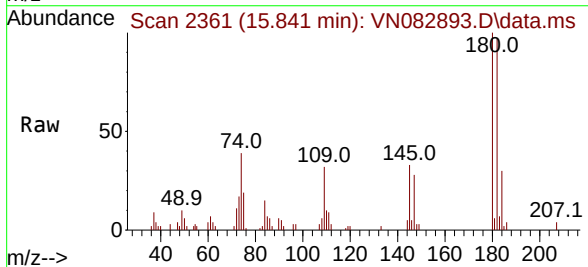
Tgt Ion:128 Resp: 76548
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.5 8.6 12.8

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#96
1,2,3-Trichlorobenzene
Concen: 16.466 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082893.D
Acq: 12 Jul 2024 12:39



Tgt Ion:180 Resp: 23745
Ion Ratio Lower Upper
180 100
182 94.4 48.9 146.8
145 33.3 16.8 50.4

