

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070924\
 Data File : VN082841.D
 Acq On : 09 Jul 2024 15:56
 Operator : JC\MD
 Sample : VN0709WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/10/2024
 Supervised By : Mahesh Dadoda 07/10/2024

Quant Time: Jul 10 01:22:20 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	8.230	168	113657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	200093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	180891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	83502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	87275	54.778	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.560%			
35) Dibromofluoromethane	8.171	113	65386	50.926	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.860%			
50) Toluene-d8	10.571	98	239893	50.587	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.180%			
62) 4-Bromofluorobenzene	12.853	95	80542	47.282	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 94.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	30570	20.775	ug/l	97
3) Chloromethane	2.359	50	29224	20.942	ug/l	98
4) Vinyl Chloride	2.512	62	31573	21.543	ug/l	96
5) Bromomethane	2.954	94	20427	19.331	ug/l	98
6) Chloroethane	3.118	64	20214	20.155	ug/l	99
7) Trichlorofluoromethane	3.495	101	39344	18.665	ug/l	91
8) Diethyl Ether	3.959	74	14274	19.786	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.365	101	25053	21.000	ug/l	97
10) Methyl Iodide	4.583	142	22937	18.752	ug/l	94
11) Tert butyl alcohol	5.536	59	26749	99.819	ug/l	100
12) 1,1-Dichloroethene	4.342	96	22142	19.084	ug/l	87
13) Acrolein	4.177	56	22058	114.013	ug/l	99
14) Allyl chloride	5.018	41	34280	18.949	ug/l	96
15) Acrylonitrile	5.724	53	68733	111.607	ug/l	98
16) Acetone	4.436	43	60191	107.304	ug/l	95
17) Carbon Disulfide	4.706	76	63345	18.271	ug/l	98
18) Methyl Acetate	5.024	43	35107	23.652	ug/l	96
19) Methyl tert-butyl Ether	5.800	73	78100	19.514	ug/l	99
20) Methylene Chloride	5.277	84	27431	20.249	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	23714	18.863	ug/l	96
22) Diisopropyl ether	6.677	45	80564	21.287	ug/l	94
23) Vinyl Acetate	6.606	43	321164	106.856	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	46084	20.074	ug/l	96
25) 2-Butanone	7.489	43	91938	108.547	ug/l	93
26) 2,2-Dichloropropane	7.489	77	39492	18.502	ug/l	95
27) cis-1,2-Dichloroethene	7.489	96	27814	18.898	ug/l	92
28) Bromochloromethane	7.824	49	23755	24.120	ug/l #	83
29) Tetrahydrofuran	7.841	42	60907	114.224	ug/l	89
30) Chloroform	7.971	83	49642	20.383	ug/l	98
31) Cyclohexane	8.259	56	39173	18.806	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	43810	19.375	ug/l	97
36) 1,1-Dichloropropene	8.371	75	33406	18.871	ug/l	98
37) Ethyl Acetate	7.571	43	39069	21.678	ug/l	99
38) Carbon Tetrachloride	8.365	117	39358	18.466	ug/l	96
39) Methylcyclohexane	9.600	83	32748	17.126	ug/l	98
40) Benzene	8.612	78	105545	19.383	ug/l	97

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 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	20748	21.369	ug/l	96
42) 1,2-Dichloroethane	8.671	62	39318	20.057	ug/l	98
43) Isopropyl Acetate	8.694	43	69297	18.524	ug/l	98
44) Trichloroethene	9.353	130	24203	17.349	ug/l	93
45) 1,2-Dichloropropane	9.624	63	25822	20.312	ug/l	96
46) Dibromomethane	9.712	93	19394	19.582	ug/l	97
47) Bromodichloromethane	9.894	83	40253	19.671	ug/l	94
48) Methyl methacrylate	9.683	41	28442	20.126	ug/l	91
49) 1,4-Dioxane	9.706	88	12013	385.461	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	197160	110.348	ug/l	95
52) Toluene	10.635	92	64716	19.026	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	39665	18.815	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	42417	19.009	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	25842	20.660	ug/l	97
56) Ethyl methacrylate	10.877	69	39274	20.182	ug/l	87
57) 1,3-Dichloropropane	11.165	76	44636	20.160	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	116982	117.153	ug/l	98
59) 2-Hexanone	11.200	43	146207	110.063	ug/l	94
60) Dibromochloromethane	11.359	129	31389	19.703	ug/l	99
61) 1,2-Dibromoethane	11.471	107	26209	19.731	ug/l	95
64) Tetrachloroethene	11.106	164	24137	17.885	ug/l	94
65) Chlorobenzene	11.894	112	71210	18.371	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	25970	18.836	ug/l	99
67) Ethyl Benzene	11.965	91	114144	17.521	ug/l	100
68) m/p-Xylenes	12.076	106	89002	36.186	ug/l	100
69) o-Xylene	12.400	106	41942	17.797	ug/l	97
70) Styrene	12.412	104	72580	18.639	ug/l	100
71) Bromoform	12.576	173	21113	19.471	ug/l #	99
73) Isopropylbenzene	12.694	105	106468	17.547	ug/l	100
74) N-amyl acetate	12.494	43	48590	19.360	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	37246	20.496	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	30160m	20.950	ug/l	
77) Bromobenzene	12.982	156	28016	17.898	ug/l	99
78) n-propylbenzene	13.035	91	125834	18.037	ug/l	98
79) 2-Chlorotoluene	13.129	91	78067	17.563	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	89031	18.153	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	14098	19.260	ug/l	94
82) 4-Chlorotoluene	13.223	91	81155	18.445	ug/l	99
83) tert-Butylbenzene	13.441	119	73084	16.808	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	90138	18.032	ug/l	98
85) sec-Butylbenzene	13.618	105	103081	17.543	ug/l	100
86) p-Isopropyltoluene	13.735	119	84865	17.311	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	50280	17.781	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	51523	17.618	ug/l	99
89) n-Butylbenzene	14.059	91	70010	16.669	ug/l	99
90) Hexachloroethane	14.341	117	18705	18.032	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	48527	17.675	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8151	19.388	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	24277	16.416	ug/l	99
94) Hexachlorobutadiene	15.500	225	10717	16.347	ug/l	98
95) Naphthalene	15.641	128	78827	15.562	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	25066	16.484	ug/l	96

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ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
VN0709WBSD02

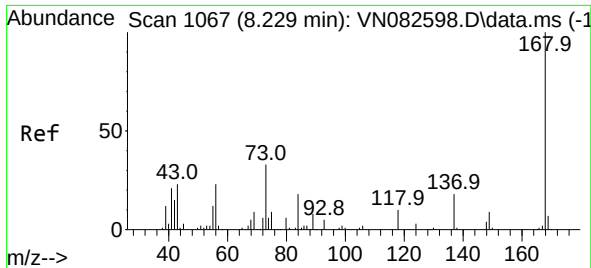
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

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Response via : Initial Calibration

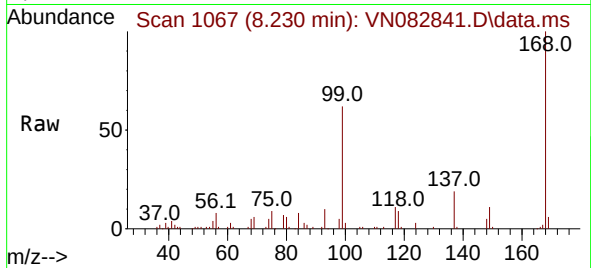
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082841.D
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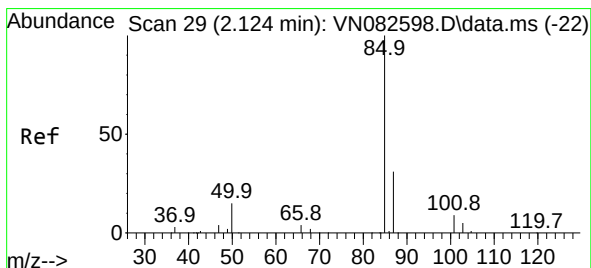
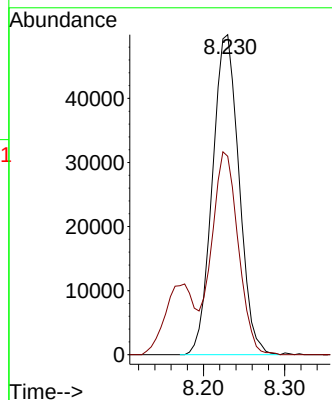
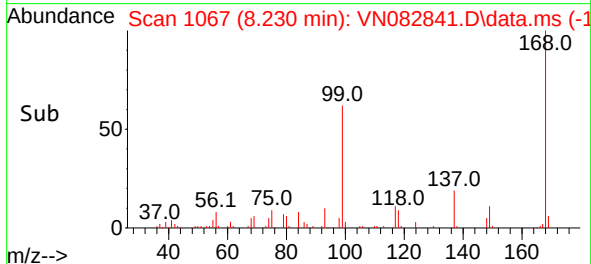
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02



Tgt Ion:168 Resp: 11365
Ion Ratio Lower Upper
168 100
99 62.0 48.2 72.4

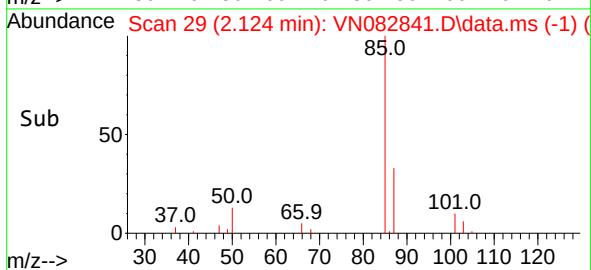
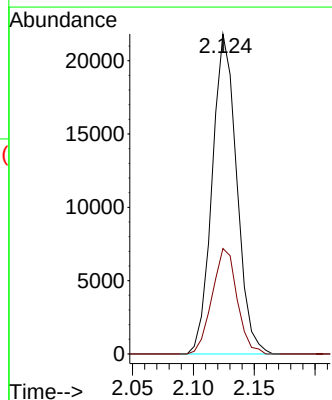
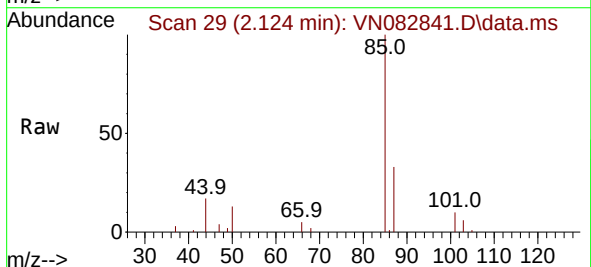
Manual Integrations
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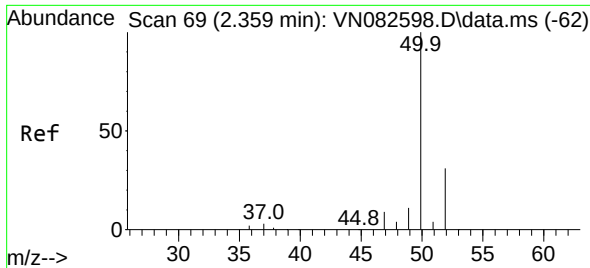
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#2
Dichlorodifluoromethane
Concen: 20.775 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

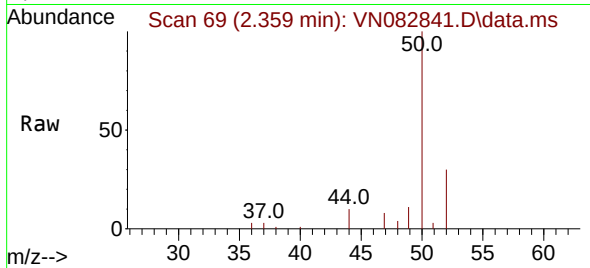
Tgt Ion: 85 Resp: 30570
Ion Ratio Lower Upper
85 100
87 32.9 15.7 47.0





#3
Chloromethane
Concen: 20.942 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

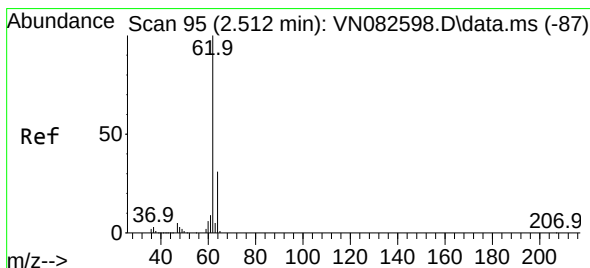
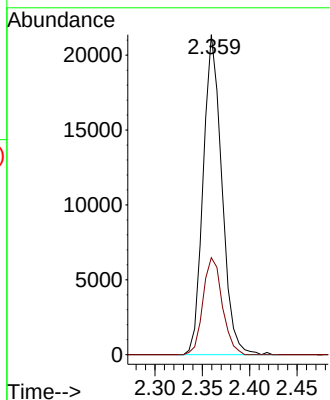
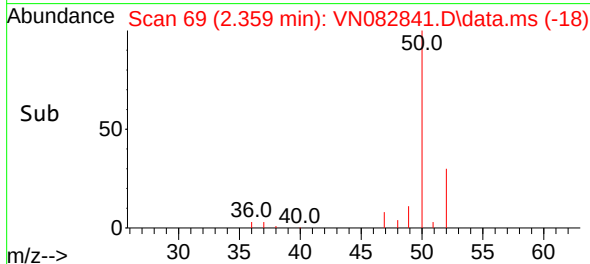
Instrument :
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Tgt Ion: 50 Resp: 29224
Ion Ratio Lower Upper
50 100
52 30.3 25.0 37.4

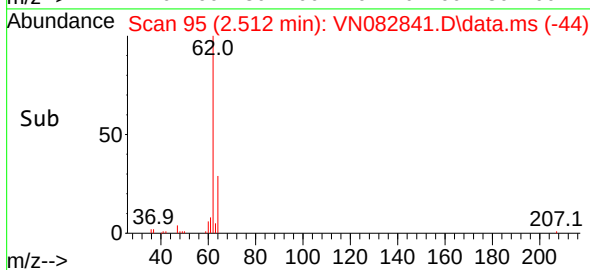
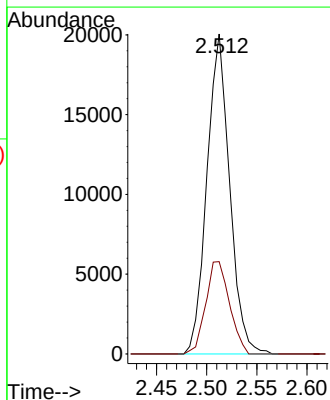
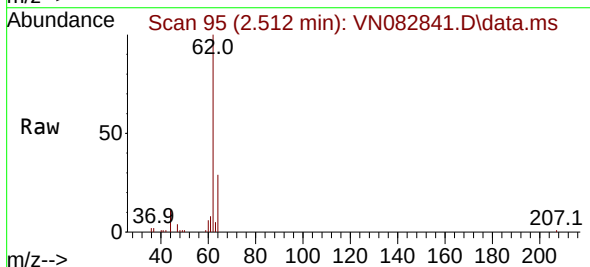
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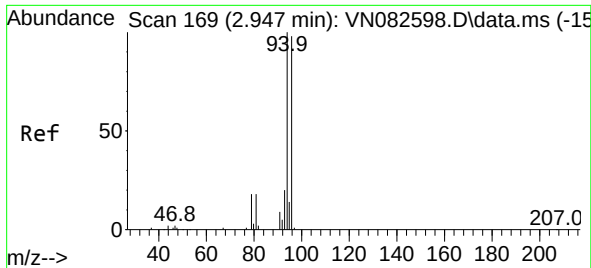
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#4
Vinyl Chloride
Concen: 21.543 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

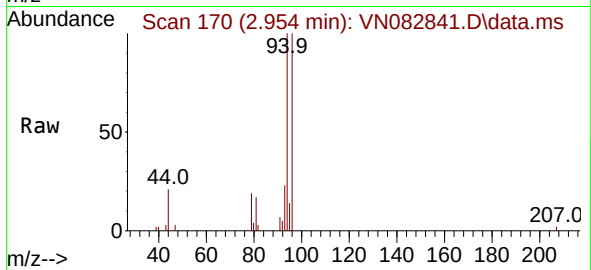
Tgt Ion: 62 Resp: 31573
Ion Ratio Lower Upper
62 100
64 28.8 25.0 37.6





#5
Bromomethane
Concen: 19.331 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.007 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

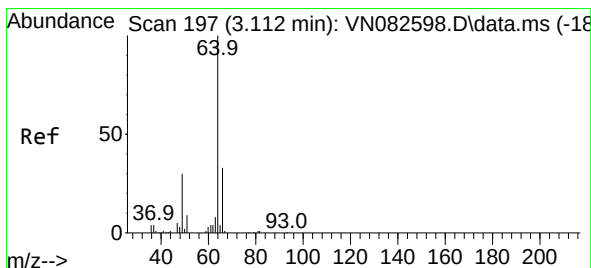
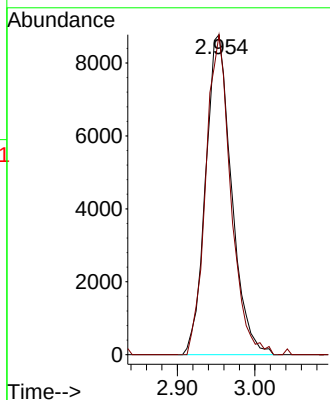
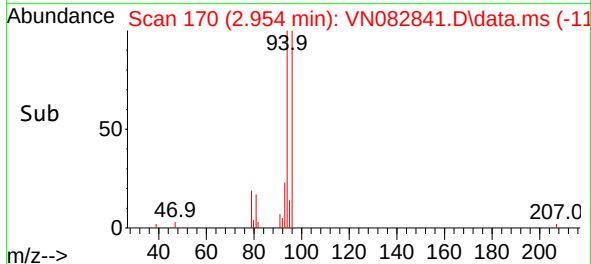
Instrument :
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Tgt Ion: 94 Resp: 2042
Ion Ratio Lower Upper
94 100
96 99.9 78.0 117.0

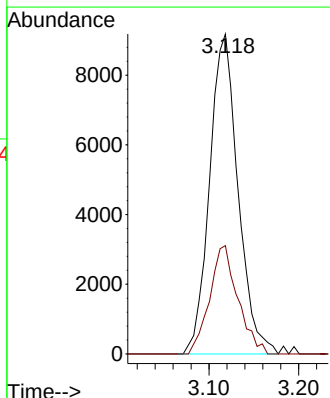
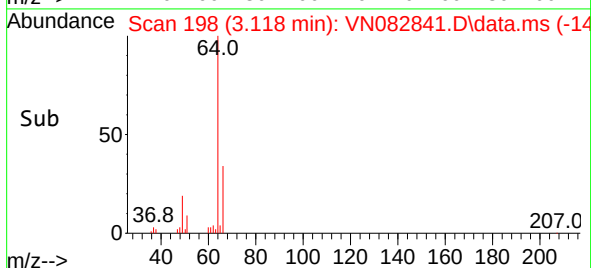
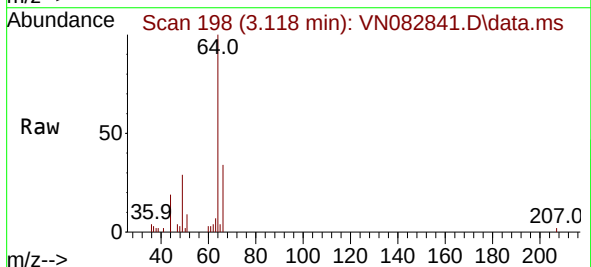
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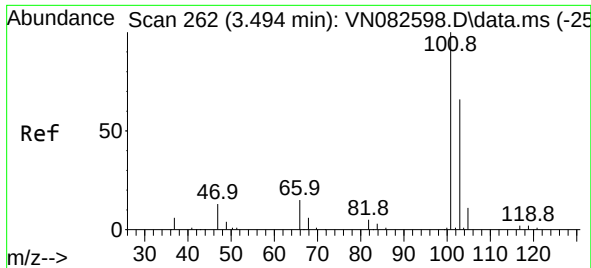
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#6
Chloroethane
Concen: 20.155 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

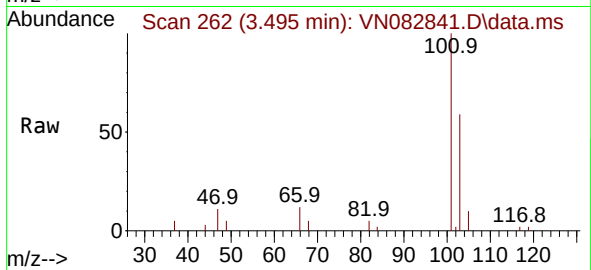
Tgt Ion: 64 Resp: 20214
Ion Ratio Lower Upper
64 100
66 33.9 26.6 40.0





#7
Trichlorofluoromethane
Concen: 18.665 ug/l
RT: 3.495 min Scan# 201
Delta R.T. 0.001 min
Lab File: VN082841.D
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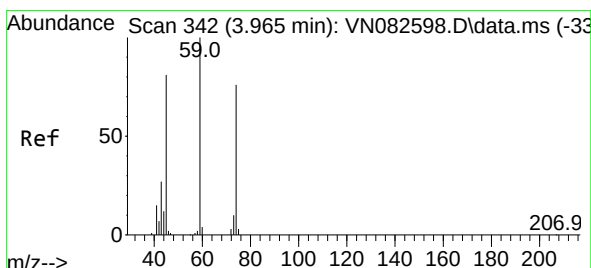
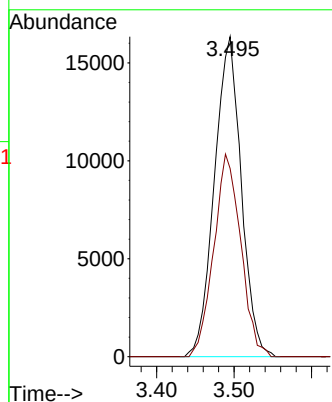
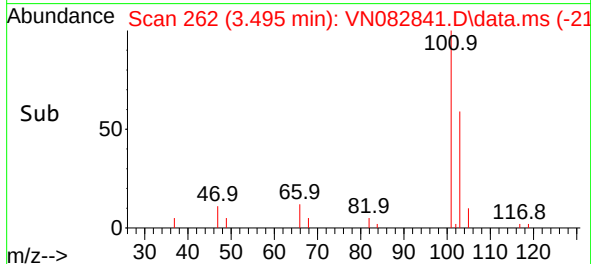
Instrument :
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Tgt Ion:101 Resp: 3934
Ion Ratio Lower Upper
101 100
103 58.8 52.7 79.1

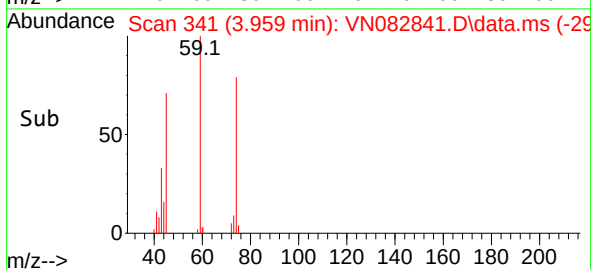
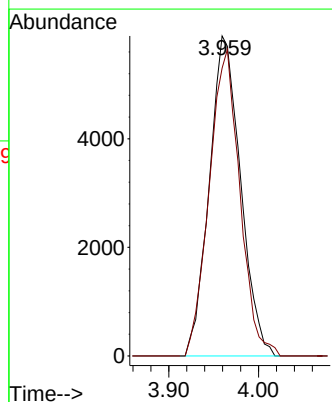
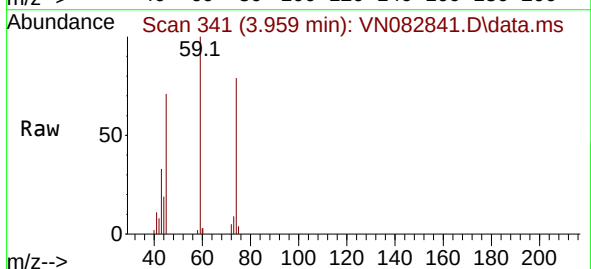
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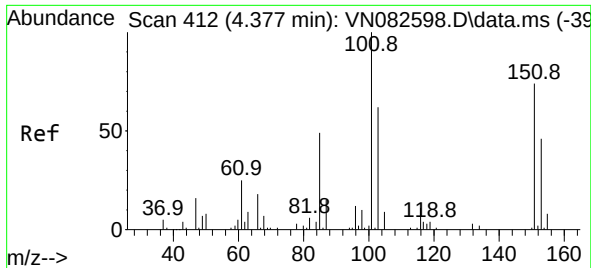
Reviewed By :John Carlone 07/10/2024
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#8
Diethyl Ether
Concen: 19.786 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

Tgt Ion: 74 Resp: 14274
Ion Ratio Lower Upper
74 100
45 93.7 55.5 166.3





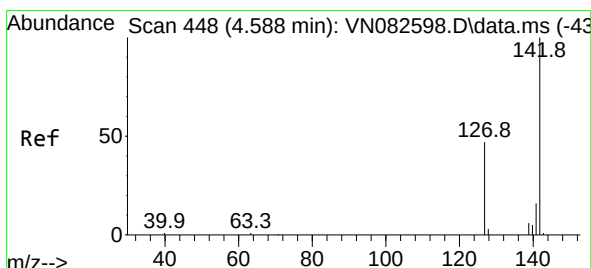
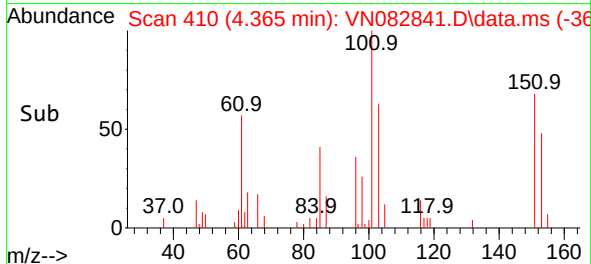
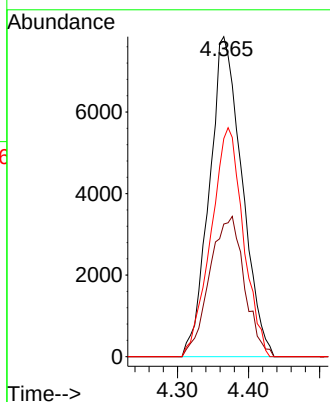
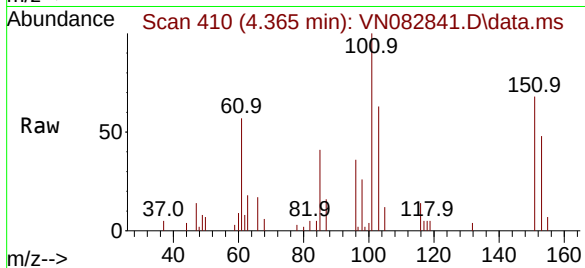
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.000 ug/l
RT: 4.365 min Scan# 412
Delta R.T. -0.012 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

Tgt Ion:101 Resp: 2505
Ion Ratio Lower Upper
101 100
85 46.8 38.3 57.5
151 71.0 59.3 88.9

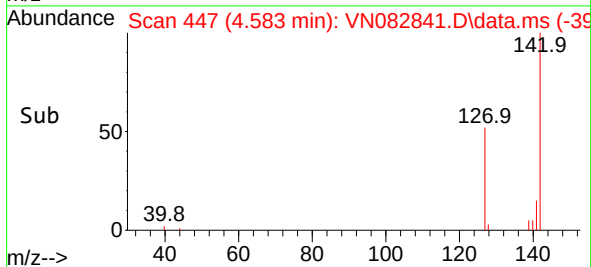
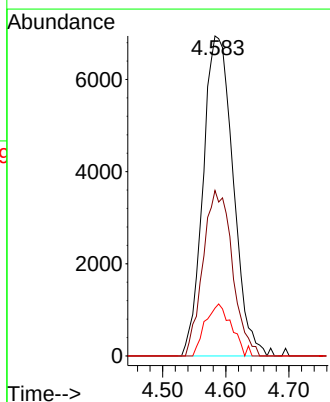
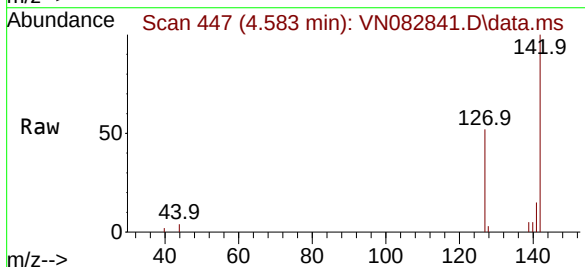
Manual Integrations
APPROVED

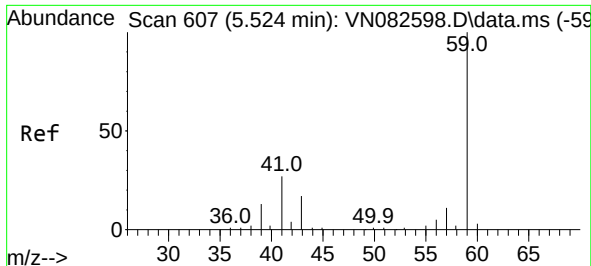
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#10
Methyl Iodide
Concen: 18.752 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.005 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

Tgt Ion:142 Resp: 22937
Ion Ratio Lower Upper
142 100
127 51.7 37.5 56.3
141 14.9 13.1 19.7





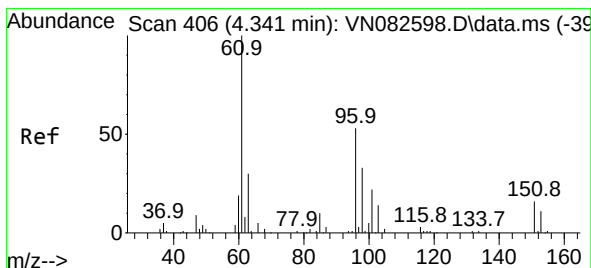
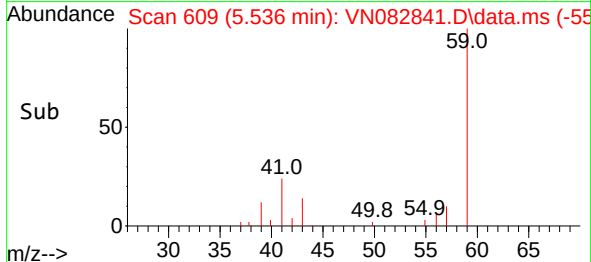
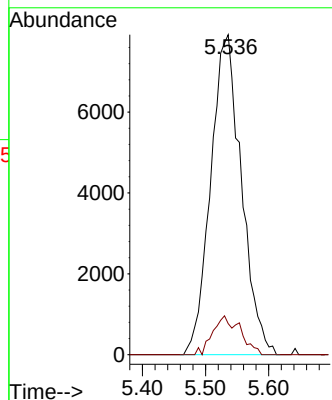
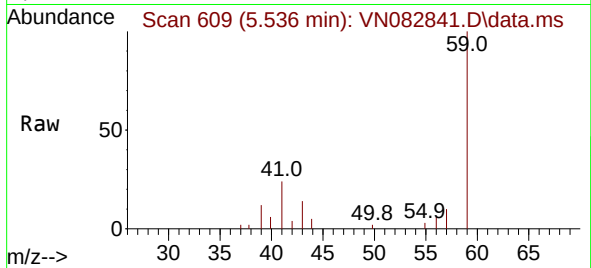
#11
Tert butyl alcohol
Concen: 99.819 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

Tgt Ion: 59 Resp: 26749
Ion Ratio Lower Upper
59 100
57 10.9 8.9 13.3

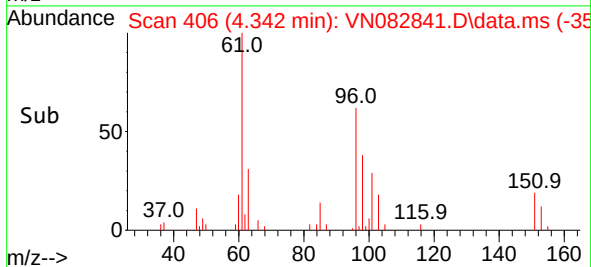
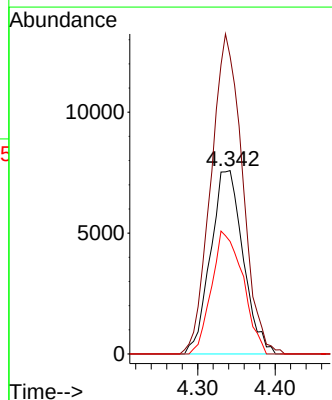
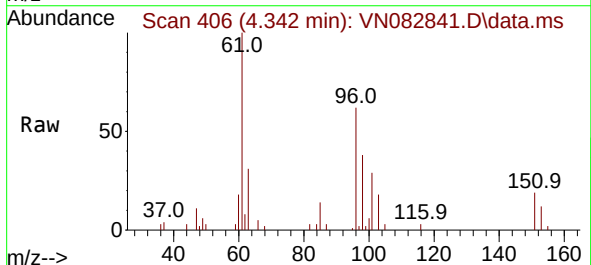
Manual Integrations
APPROVED

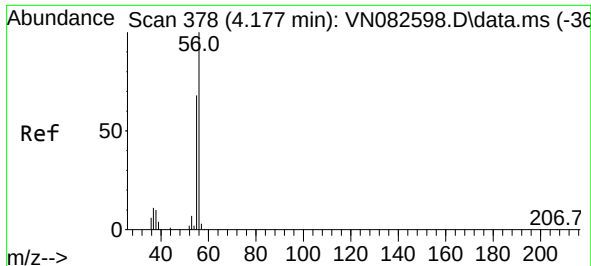
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#12
1,1-Dichloroethene
Concen: 19.084 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.001 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

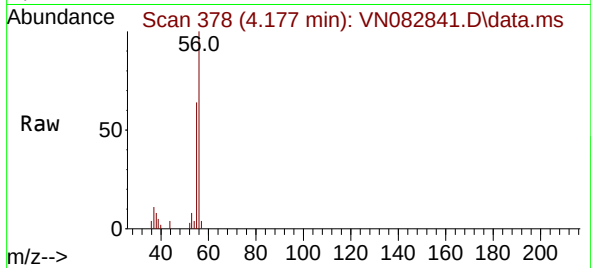
Tgt Ion: 96 Resp: 22142
Ion Ratio Lower Upper
96 100
61 162.3 149.7 224.5
98 61.4 50.1 75.1





#13
Acrolein
Concen: 114.013 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

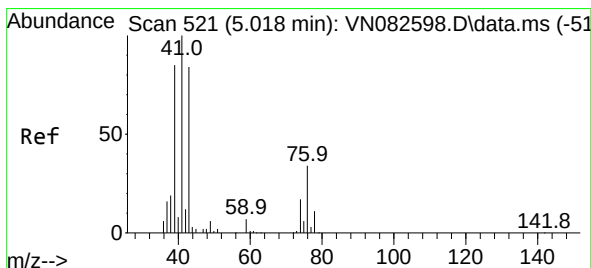
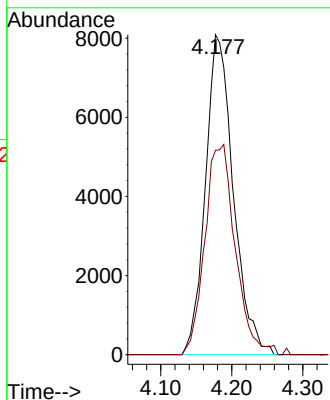
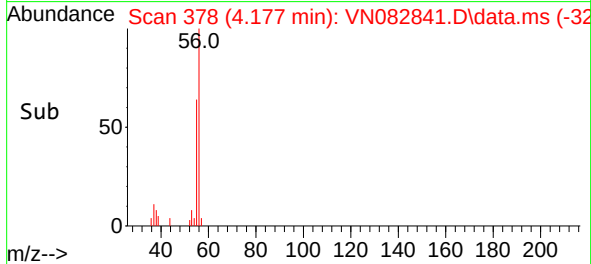
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02



Tgt Ion: 56 Resp: 22058
Ion Ratio Lower Upper
56 100
55 71.5 56.4 84.6

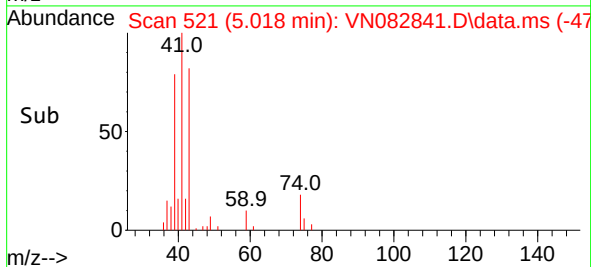
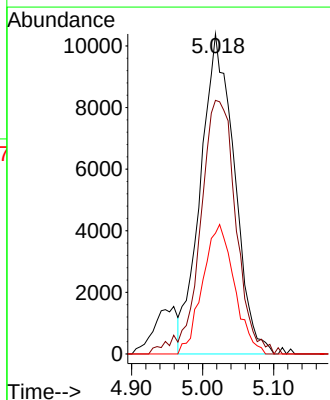
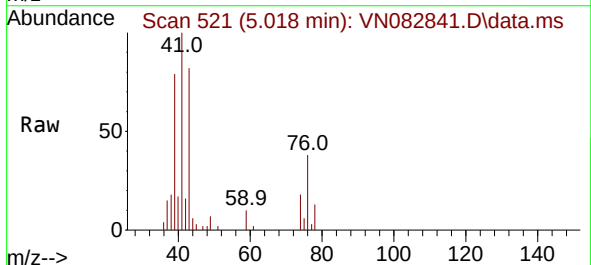
Manual Integrations
APPROVED

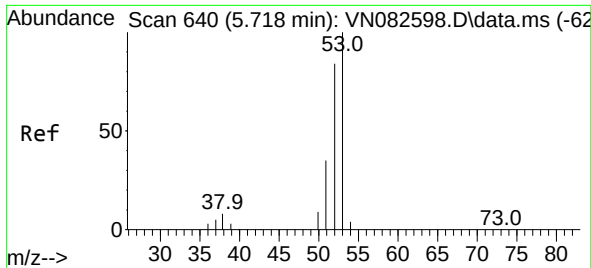
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#14
Allyl chloride
Concen: 18.949 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

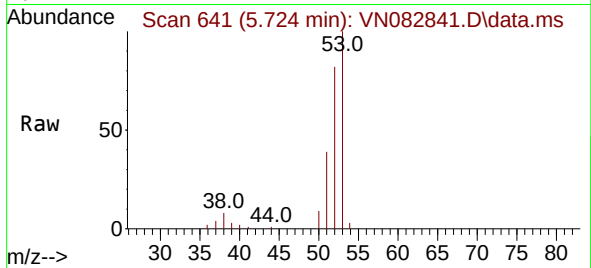
Tgt Ion: 41 Resp: 34280
Ion Ratio Lower Upper
41 100
39 83.4 67.8 101.6
76 38.1 25.8 38.8





#15
Acrylonitrile
Concen: 111.607 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

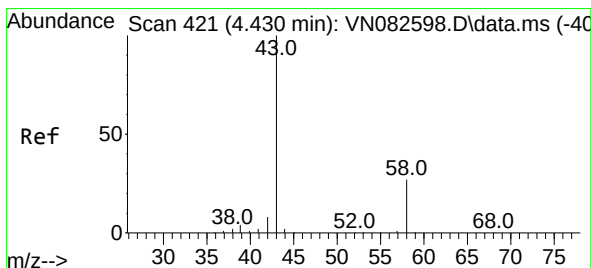
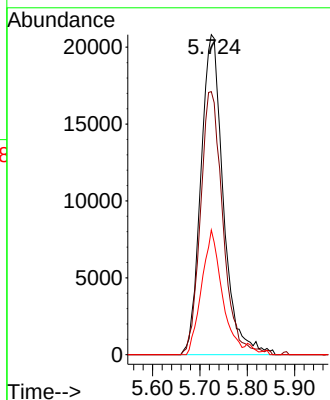
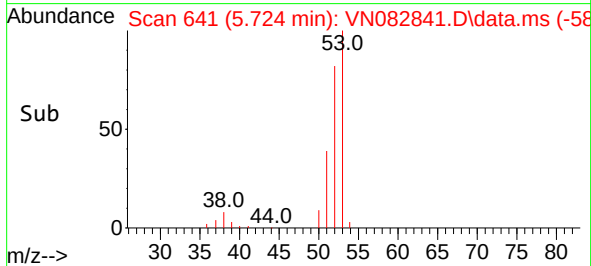
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02



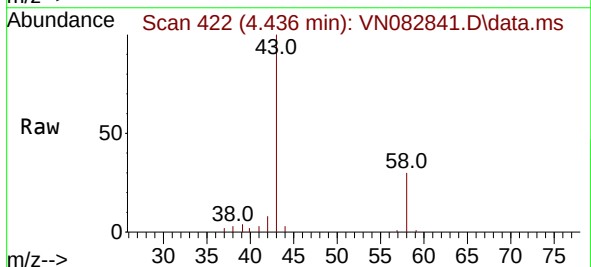
Tgt Ion: 53 Resp: 6873
Ion Ratio Lower Upper
53 100
52 82.1 66.6 100.0
51 35.2 30.1 45.1

Manual Integrations
APPROVED

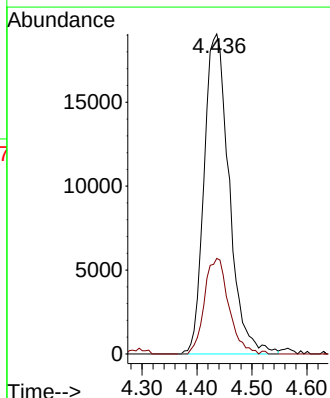
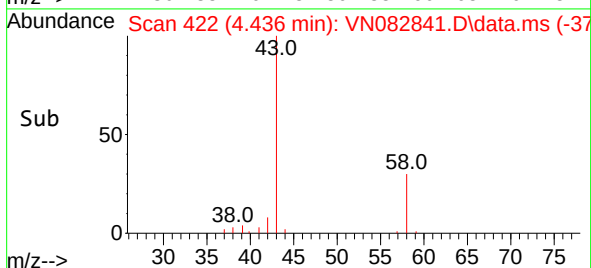
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

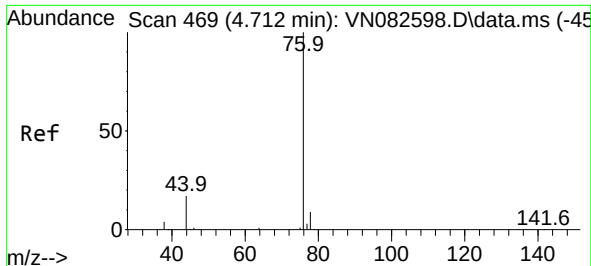


#16
Acetone
Concen: 107.304 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56



Tgt Ion: 43 Resp: 60191
Ion Ratio Lower Upper
43 100
58 29.9 21.8 32.6





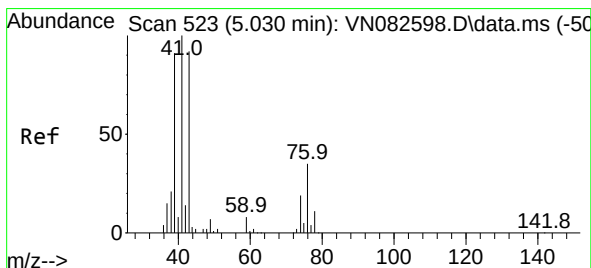
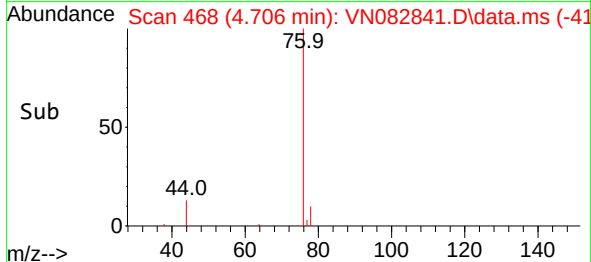
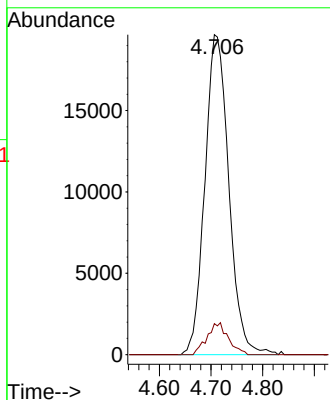
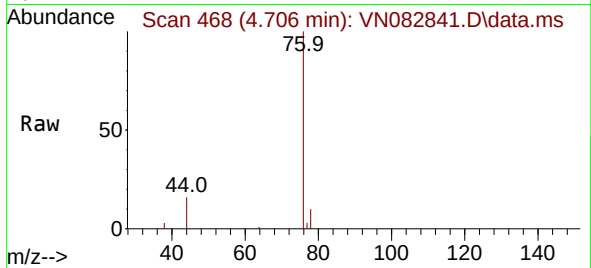
#17
Carbon Disulfide
Concen: 18.271 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

Tgt Ion: 76 Resp: 6334
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

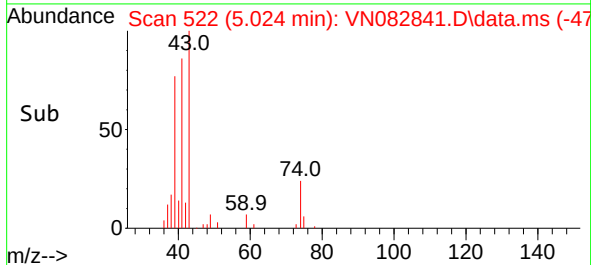
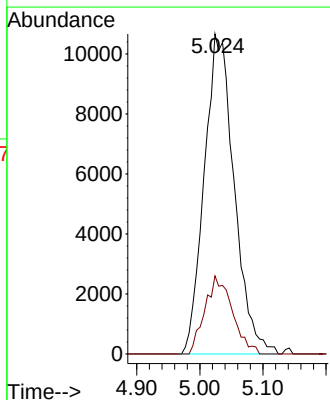
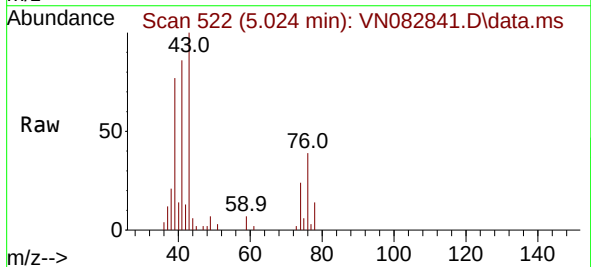
Manual Integrations
APPROVED

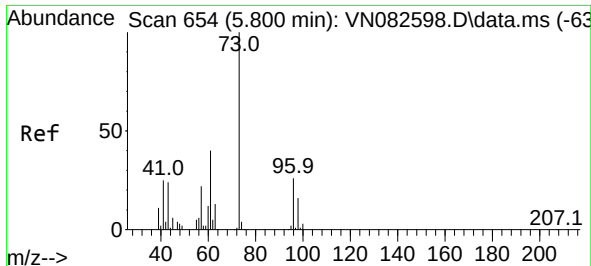
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#18
Methyl Acetate
Concen: 23.652 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

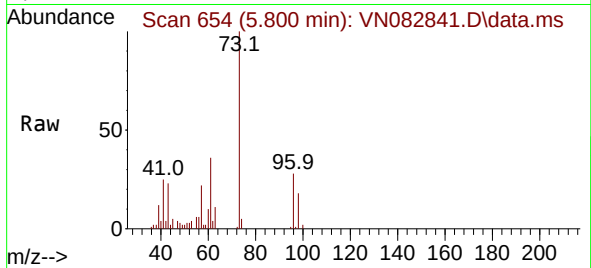
Tgt Ion: 43 Resp: 35107
Ion Ratio Lower Upper
43 100
74 22.3 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 19.514 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

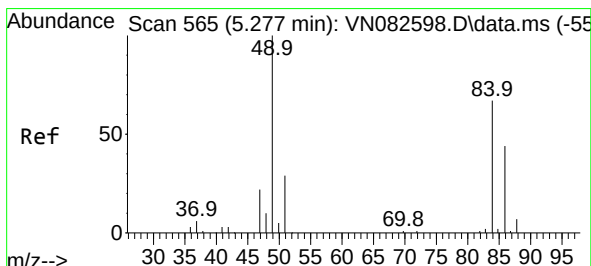
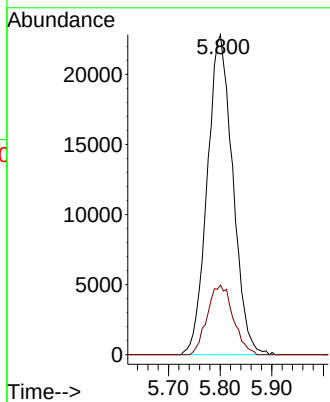
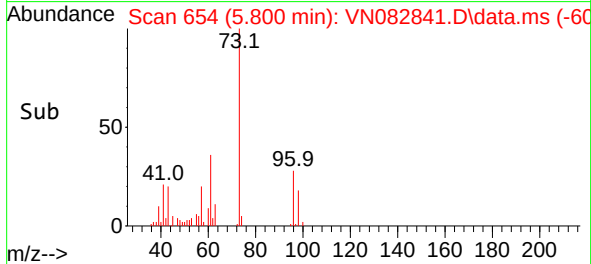
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02



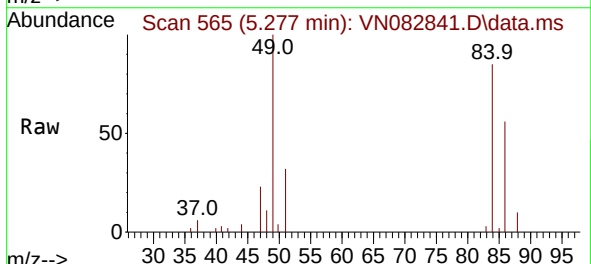
Tgt Ion: 73 Resp: 78100
Ion Ratio Lower Upper
73 100
57 21.8 17.9 26.9

Manual Integrations
APPROVED

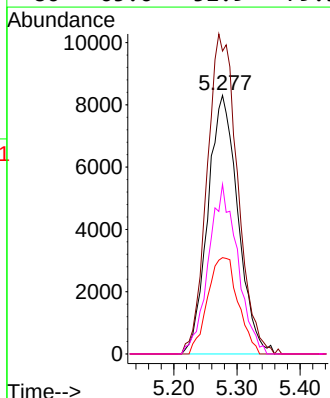
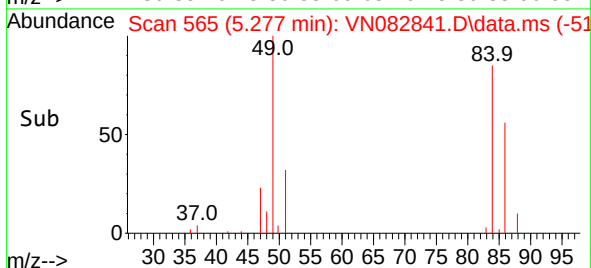
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

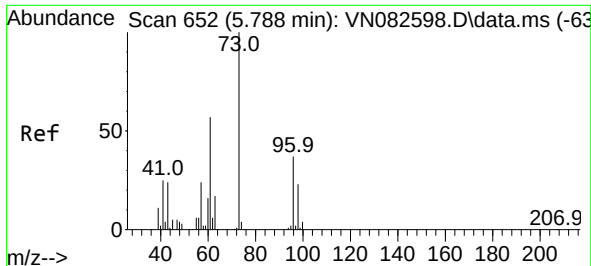


#20
Methylene Chloride
Concen: 20.249 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56



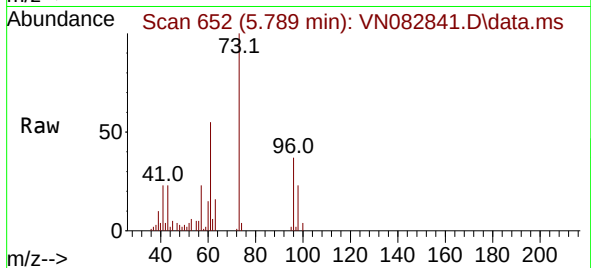
Tgt Ion: 84 Resp: 27431
Ion Ratio Lower Upper
84 100
49 117.1 119.6 179.4#
51 37.3 34.8 52.2
86 65.6 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 18.863 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

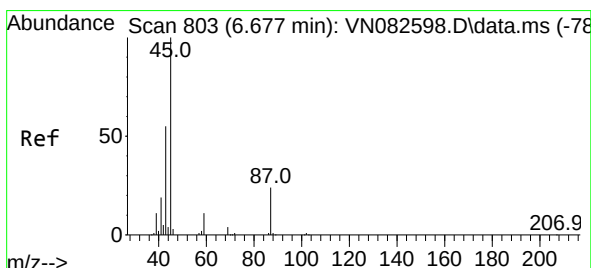
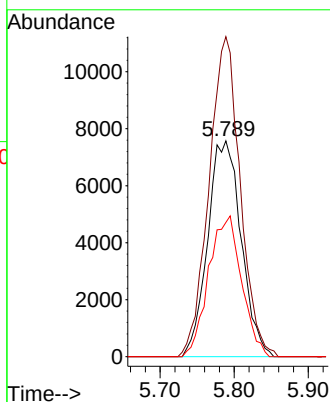
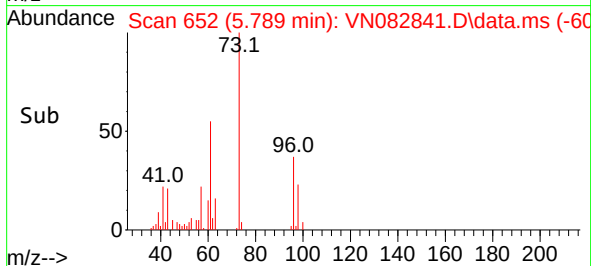
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02



Tgt Ion: 96 Resp: 23714
Ion Ratio Lower Upper
96 100
61 148.3 123.4 185.2
98 62.2 49.3 73.9

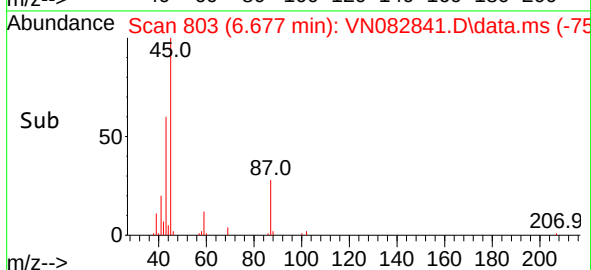
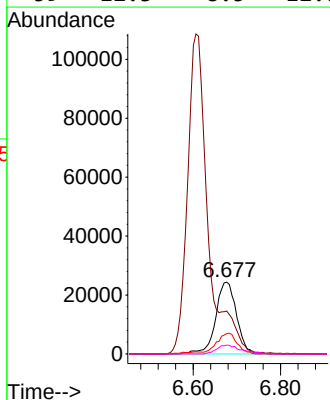
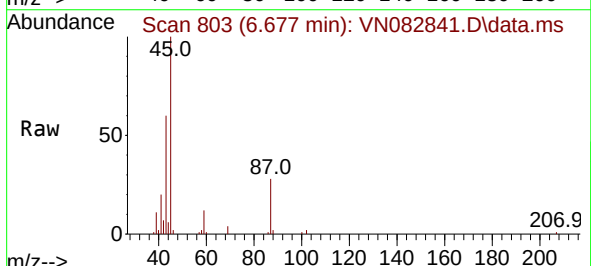
Manual Integrations
APPROVED

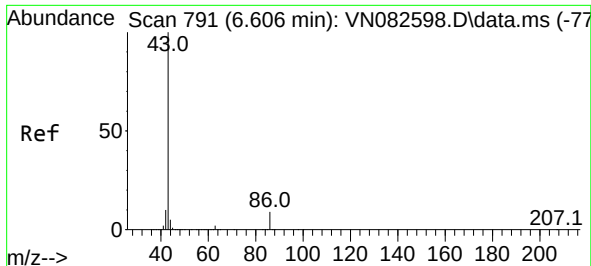
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#22
Diisopropyl ether
Concen: 21.287 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

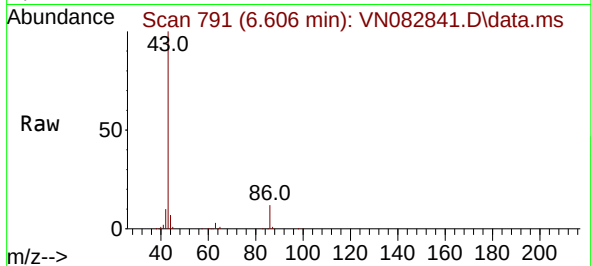
Tgt Ion: 45 Resp: 80564
Ion Ratio Lower Upper
45 100
43 58.8 44.0 66.0
87 28.4 19.7 29.5
59 12.3 8.5 12.7





#23
 Vinyl Acetate
 Concen: 106.856 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082841.D
 Acq: 09 Jul 2024 15:56

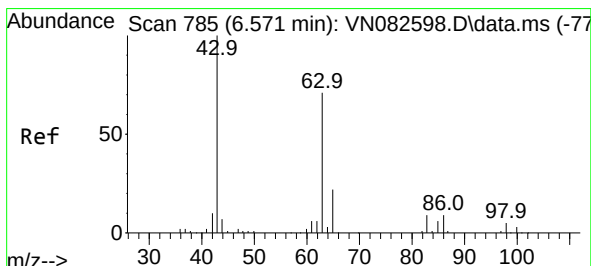
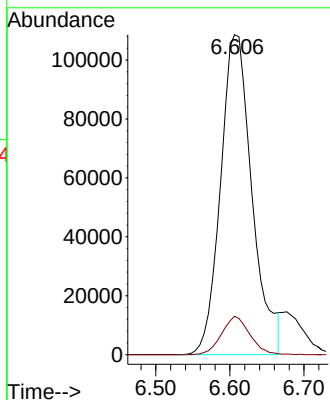
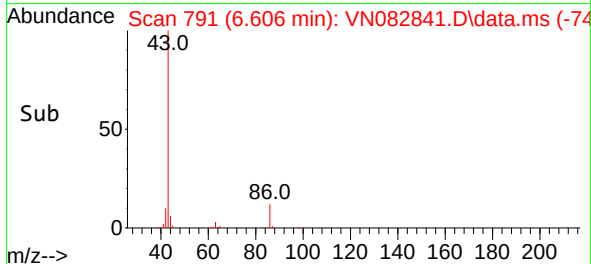
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02



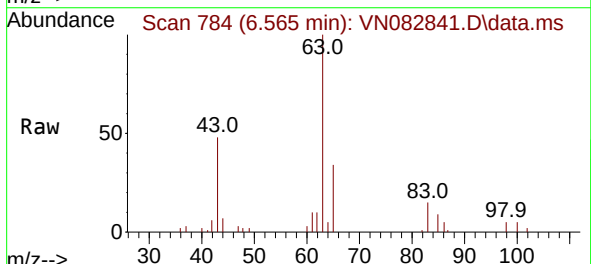
Tgt Ion: 43 Resp: 321164
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.3 10.9

Manual Integrations
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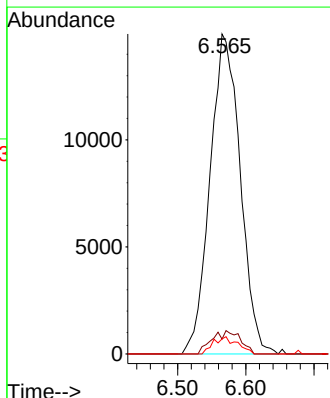
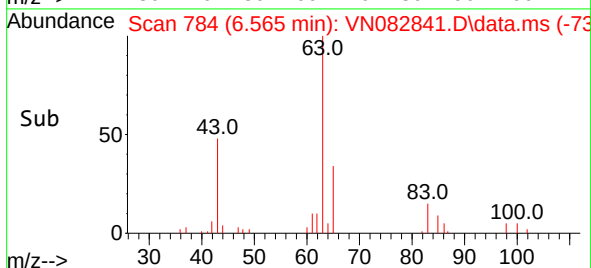
Reviewed By :John Carlone 07/10/2024
 Supervised By :Mahesh Dadoda 07/10/2024

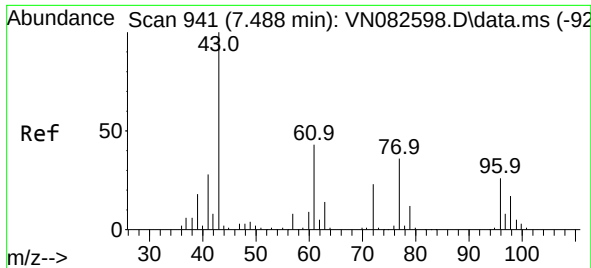


#24
 1,1-Dichloroethane
 Concen: 20.074 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082841.D
 Acq: 09 Jul 2024 15:56



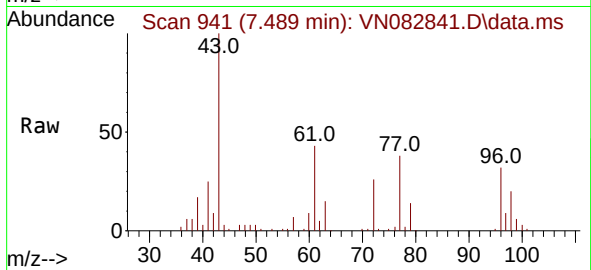
Tgt Ion: 63 Resp: 46084
 Ion Ratio Lower Upper
 63 100
 98 4.7 3.3 9.9
 100 4.7 2.0 6.0





#25
2-Butanone
Concen: 108.547 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

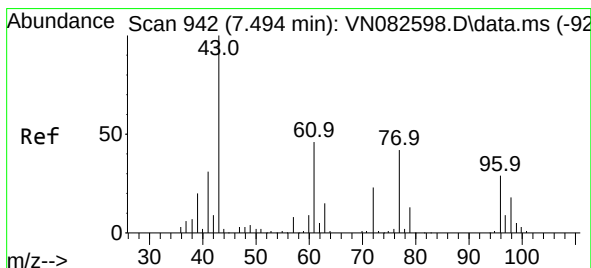
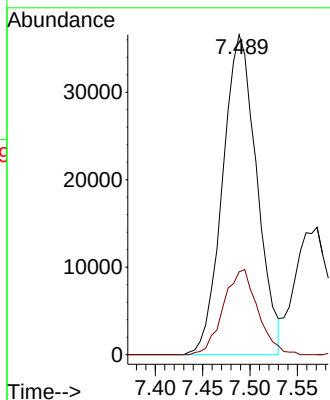
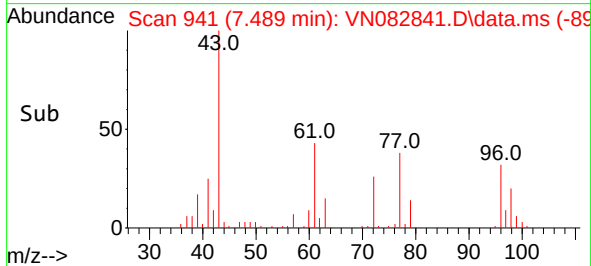
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02



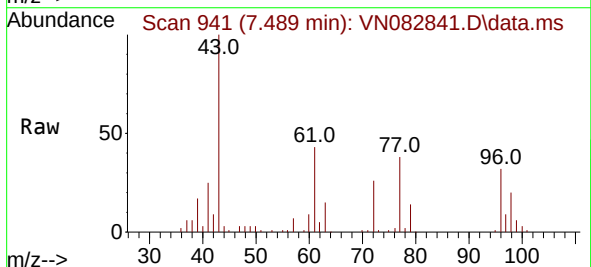
Tgt Ion: 43 Resp: 91938
Ion Ratio Lower Upper
43 100
72 25.9 18.2 27.2

Manual Integrations
APPROVED

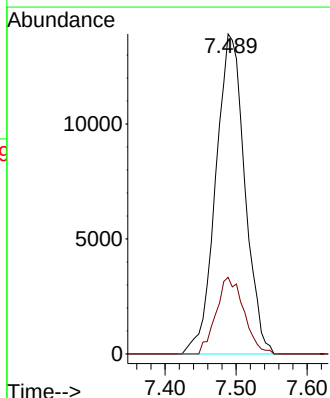
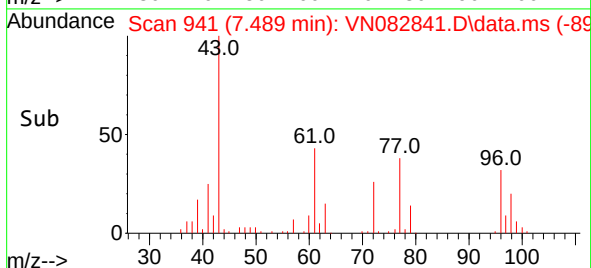
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

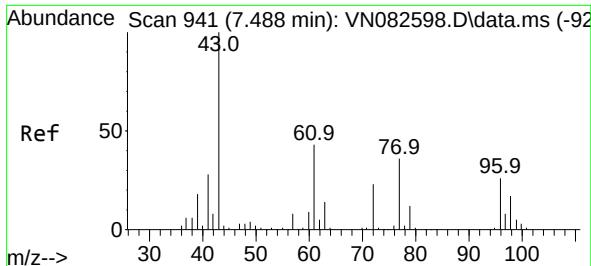


#26
2,2-Dichloropropane
Concen: 18.502 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56



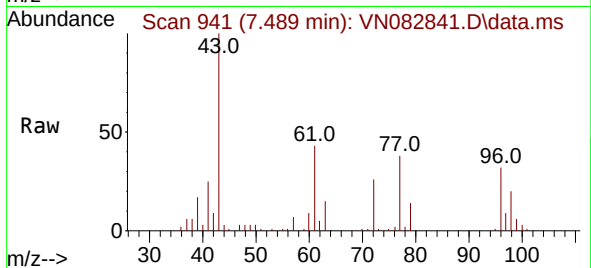
Tgt Ion: 77 Resp: 39492
Ion Ratio Lower Upper
77 100
97 22.8 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 18.898 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.001 min
 Lab File: VN082841.D
 Acq: 09 Jul 2024 15:56

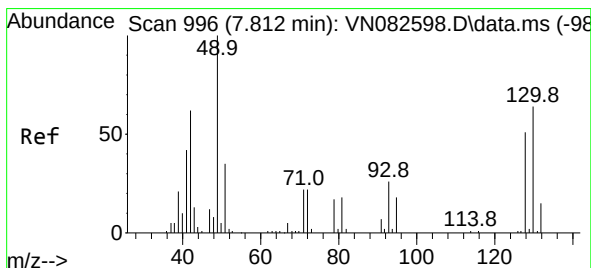
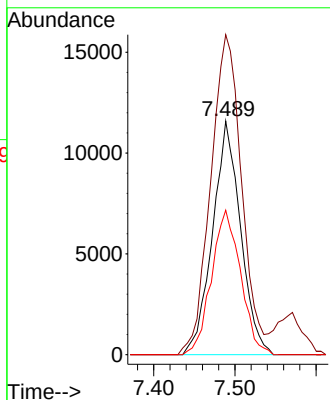
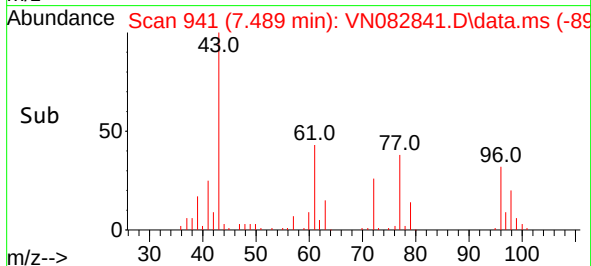
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02



Tgt Ion: 96 Resp: 27814
 Ion Ratio Lower Upper
 96 100
 61 150.3 0.0 329.6
 98 64.2 0.0 128.6

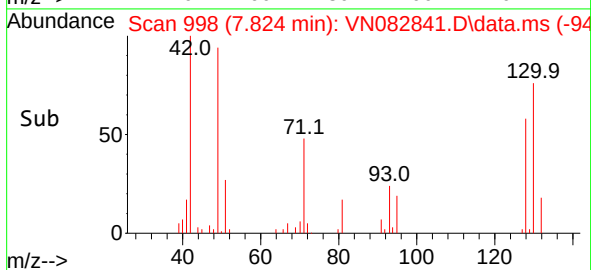
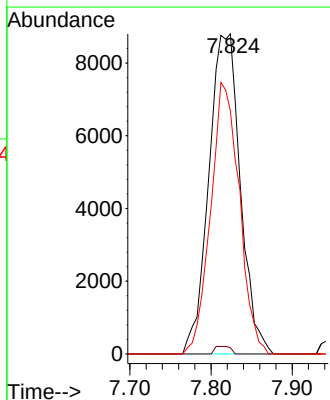
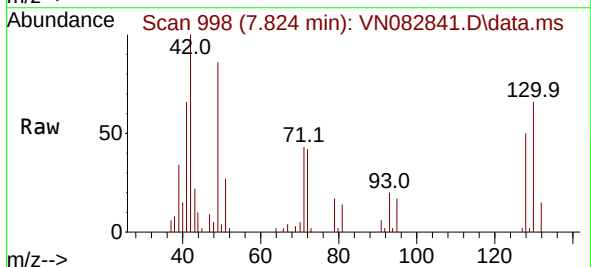
Manual Integrations
 APPROVED

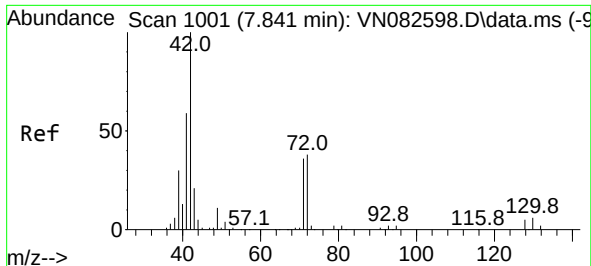
Reviewed By :John Carlone 07/10/2024
 Supervised By :Mahesh Dadoda 07/10/2024



#28
 Bromochloromethane
 Concen: 24.120 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.012 min
 Lab File: VN082841.D
 Acq: 09 Jul 2024 15:56

Tgt Ion: 49 Resp: 23755
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.8
 130 77.0 50.5 75.7#





#29

Tetrahydrofuran

Concen: 114.224 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN082841.D

Acq: 09 Jul 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

Tgt Ion: 42 Resp: 6090

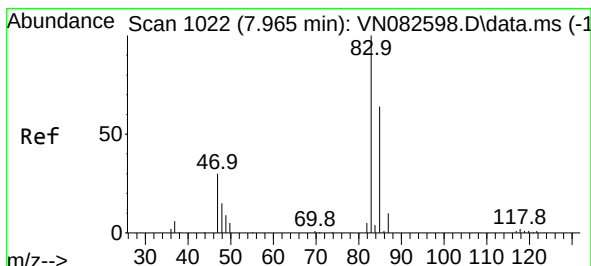
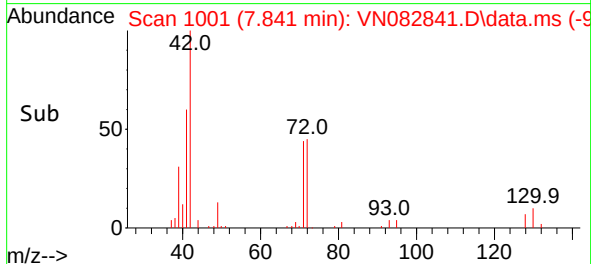
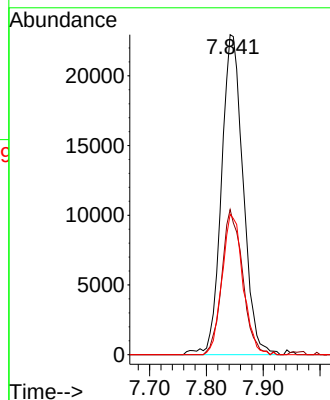
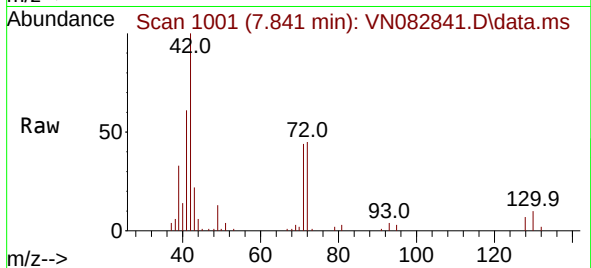
Ion	Ratio	Lower	Upper
42	100		
72	43.4	30.0	45.0
71	42.3	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#30

Chloroform

Concen: 20.383 ug/l

RT: 7.971 min Scan# 1023

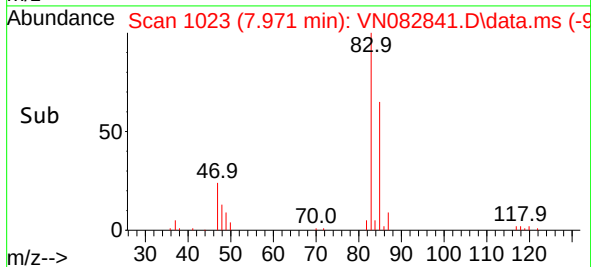
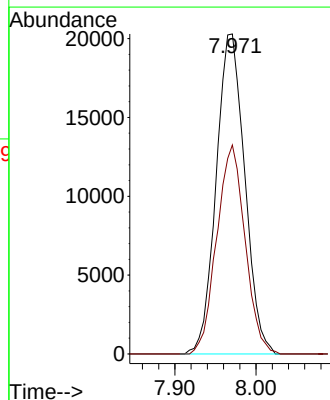
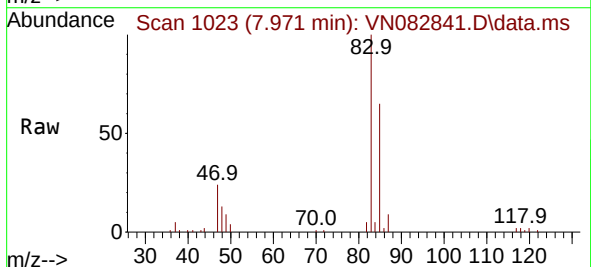
Delta R.T. 0.006 min

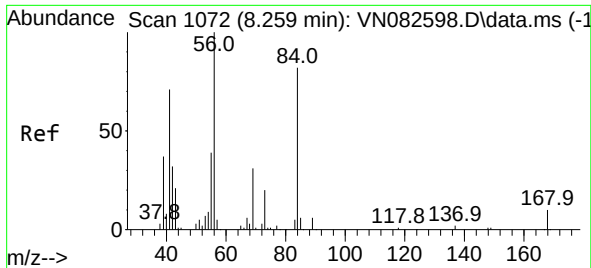
Lab File: VN082841.D

Acq: 09 Jul 2024 15:56

Tgt Ion: 83 Resp: 49642

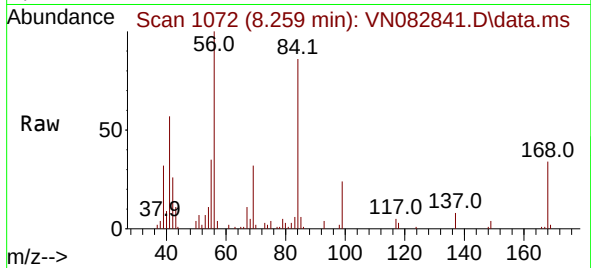
Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.9	76.3





#31
Cyclohexane
Concen: 18.806 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

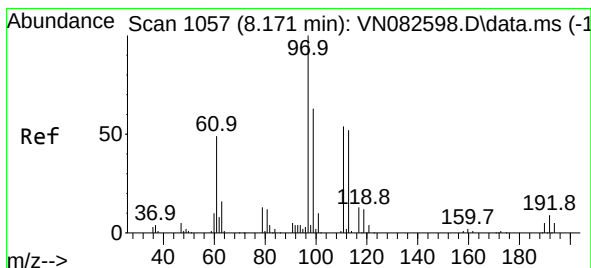
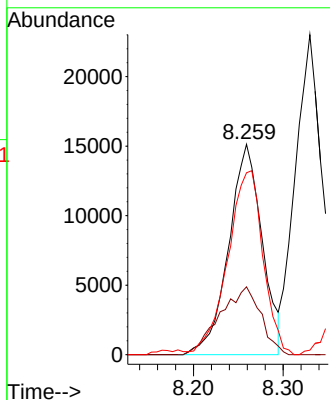
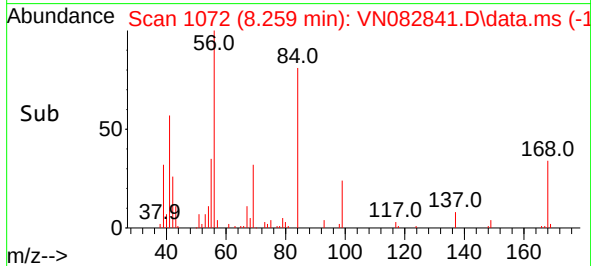
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02



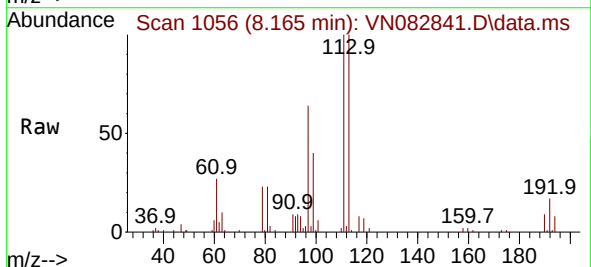
Tgt Ion: 56 Resp: 3917
Ion Ratio Lower Upper
56 100
69 32.3 24.5 36.7
84 84.2 66.0 99.0

Manual Integrations
APPROVED

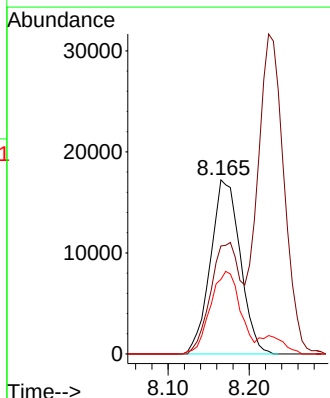
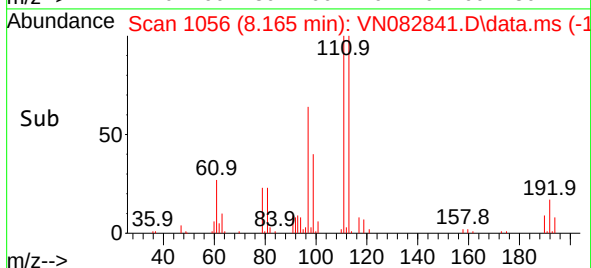
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

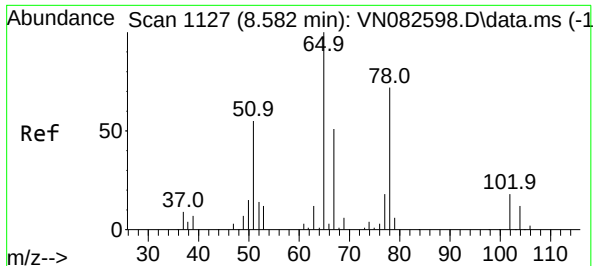


#32
1,1,1-Trichloroethane
Concen: 19.375 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56



Tgt Ion: 97 Resp: 43810
Ion Ratio Lower Upper
97 100
99 64.5 52.0 78.0
61 47.7 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 54.778 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN082841.D

Acq: 09 Jul 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

Tgt Ion: 65 Resp: 8727

Ion Ratio Lower Upper

65 100

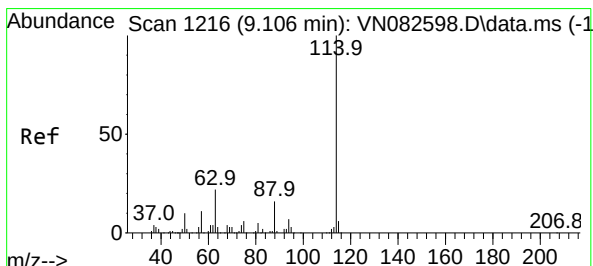
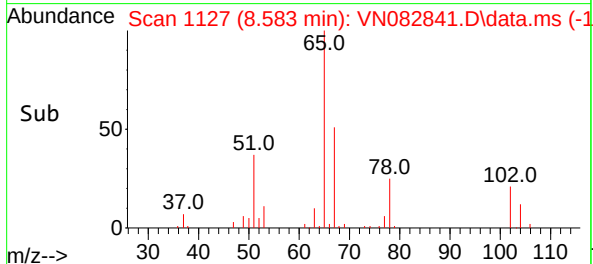
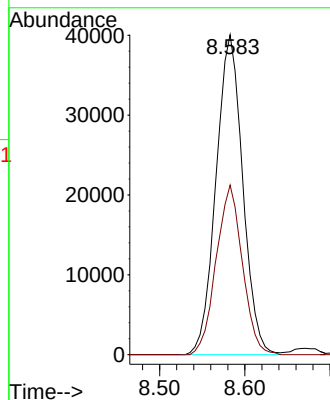
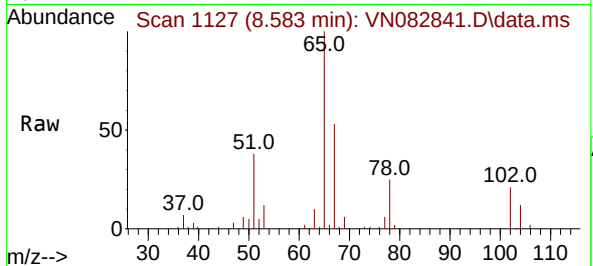
67 52.0 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082841.D

Acq: 09 Jul 2024 15:56

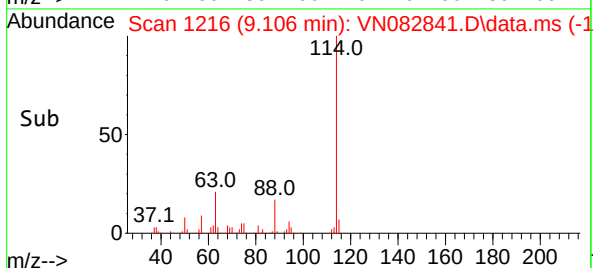
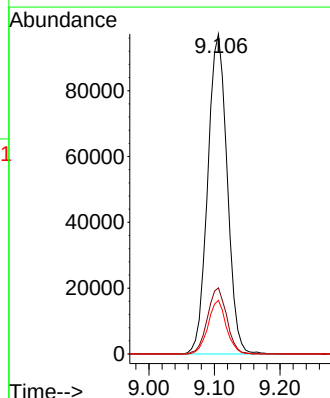
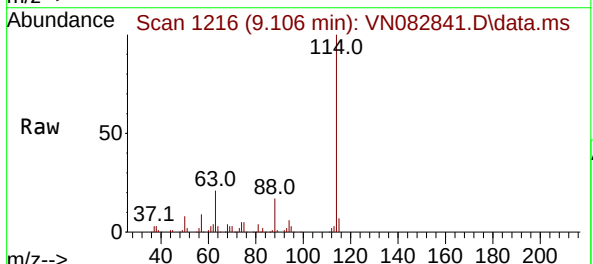
Tgt Ion:114 Resp: 200093

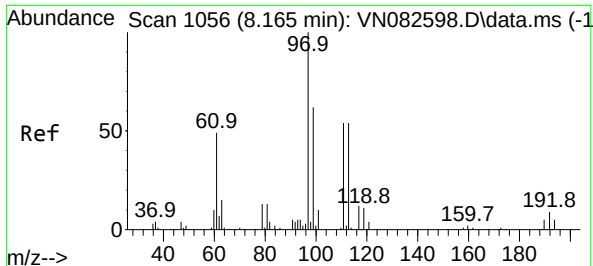
Ion Ratio Lower Upper

114 100

63 20.6 0.0 44.6

88 16.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.926 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN082841.D

Acq: 09 Jul 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

Tgt Ion: 113 Resp: 6538

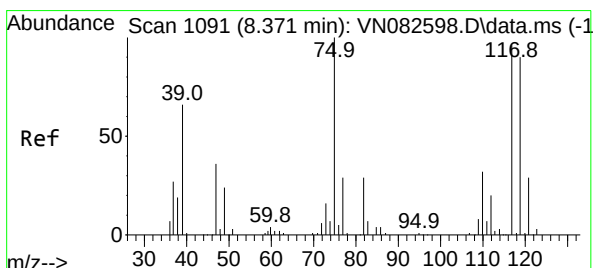
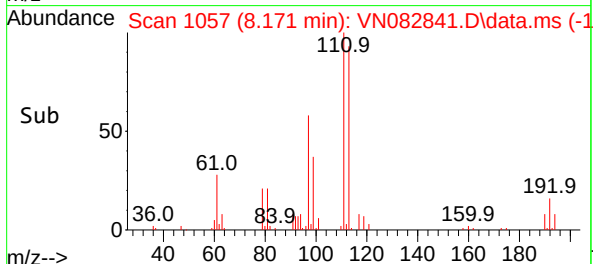
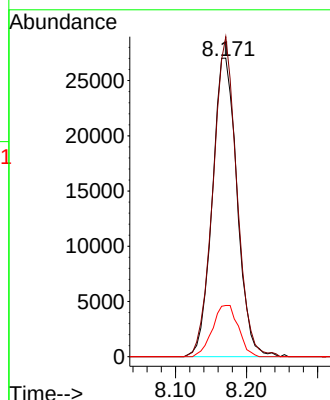
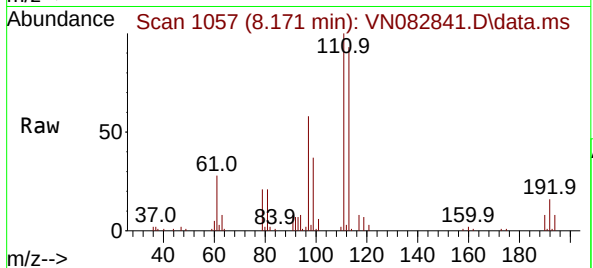
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	17.8	14.9	22.3

Manual Integrations

APPROVED

Reviewed By : John Carlone 07/10/2024

Supervised By : Mahesh Dadoda 07/10/2024



#36

1,1-Dichloropropene

Concen: 18.871 ug/l

RT: 8.371 min Scan# 1091

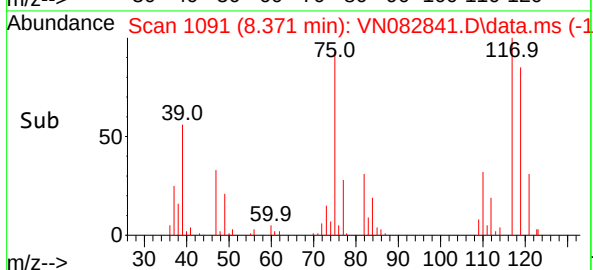
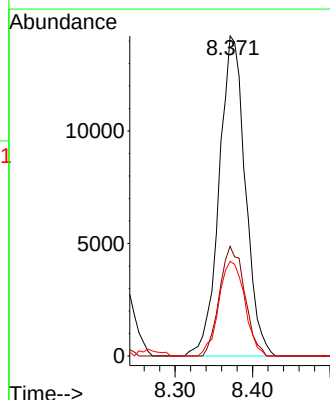
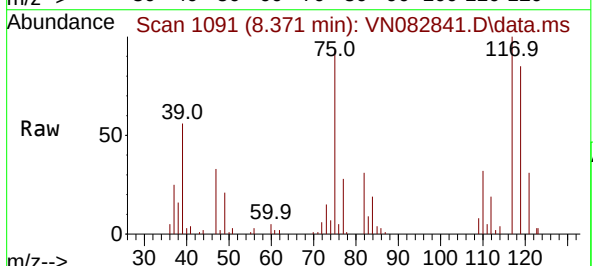
Delta R.T. -0.000 min

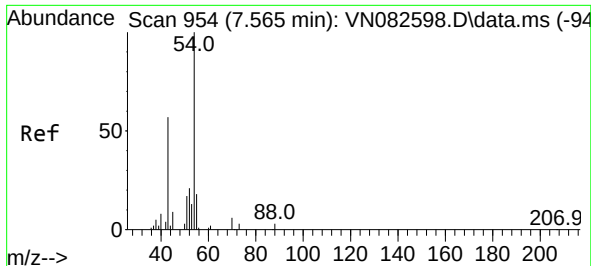
Lab File: VN082841.D

Acq: 09 Jul 2024 15:56

Tgt Ion: 75 Resp: 33406

Ion	Ratio	Lower	Upper
75	100		
110	32.8	16.3	48.9
77	29.2	24.6	37.0





#37

Ethyl Acetate

Concen: 21.678 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN082841.D

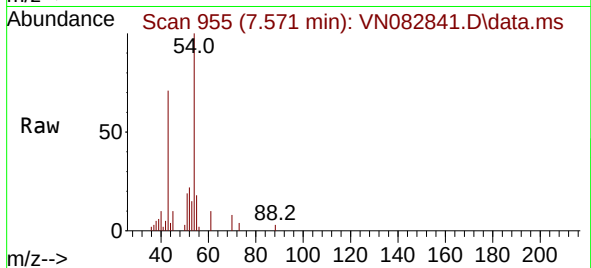
Acq: 09 Jul 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02



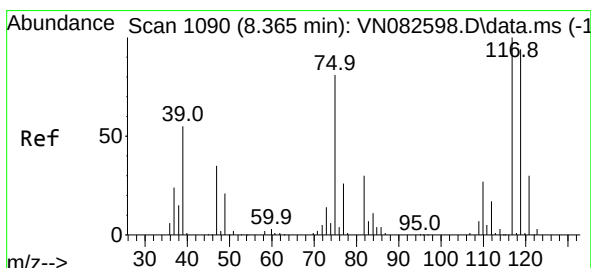
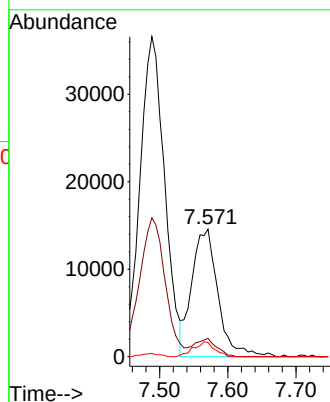
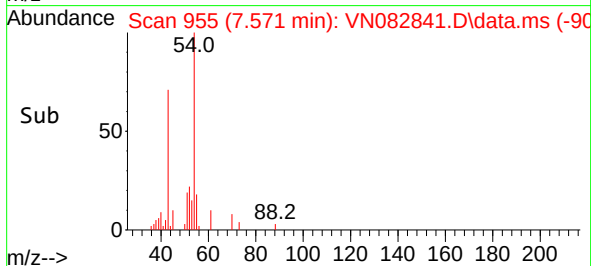
Tgt Ion:	43	Resp:	39069
Ion	Ratio	Lower	Upper
43	100		
61	11.7	9.3	13.9
70	9.2	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#38

Carbon Tetrachloride

Concen: 18.466 ug/l

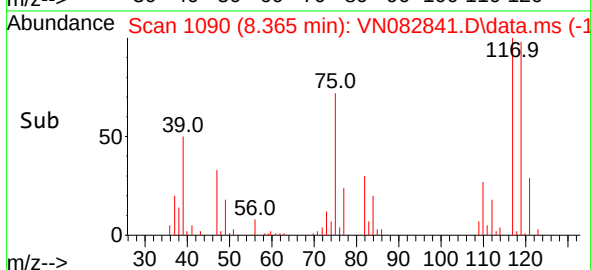
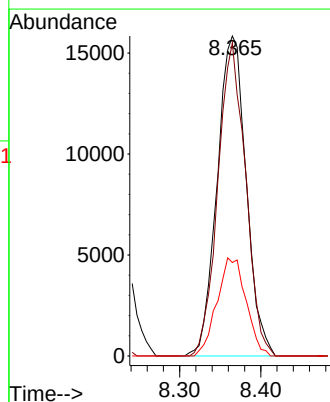
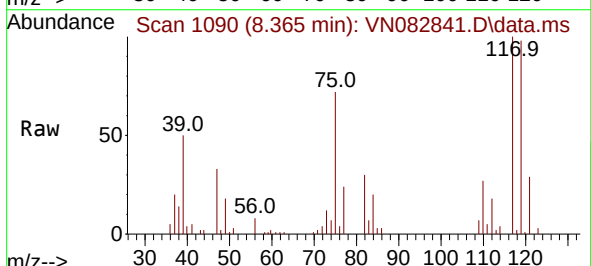
RT: 8.365 min Scan# 1090

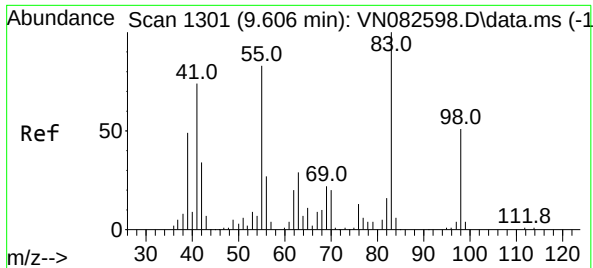
Delta R.T. -0.000 min

Lab File: VN082841.D

Acq: 09 Jul 2024 15:56

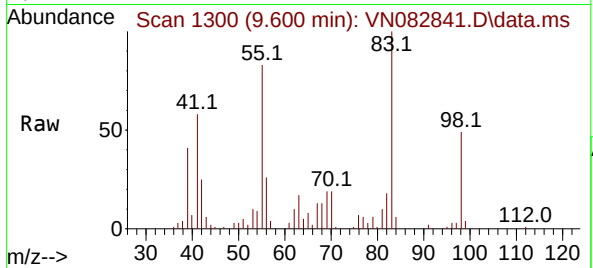
Tgt Ion:	117	Resp:	39358
Ion	Ratio	Lower	Upper
117	100		
119	97.8	74.9	112.3
121	29.2	24.3	36.5





#39
Methylcyclohexane
Concen: 17.126 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.006 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

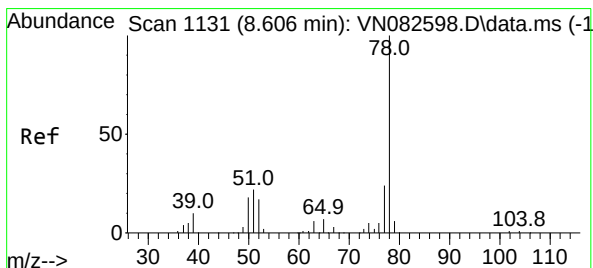
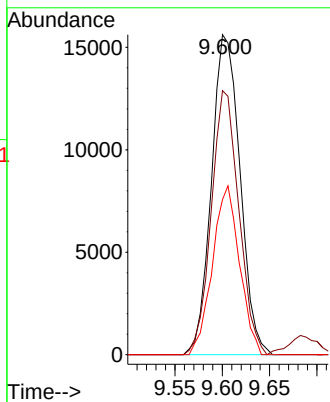
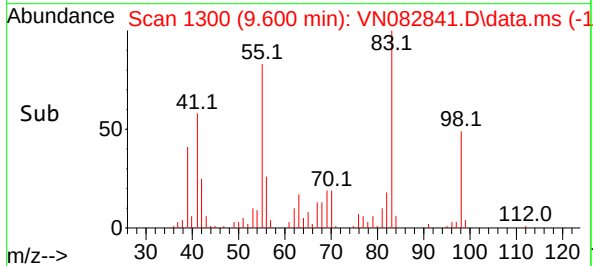
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02



Tgt Ion: 83 Resp: 32748
Ion Ratio Lower Upper
83 100
55 82.5 66.4 99.6
98 48.5 40.7 61.1

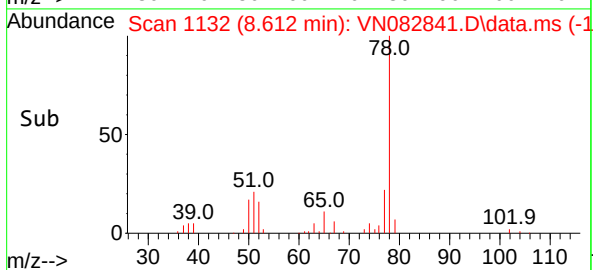
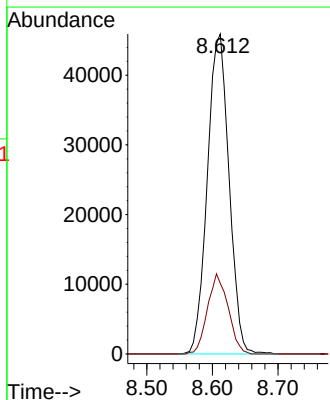
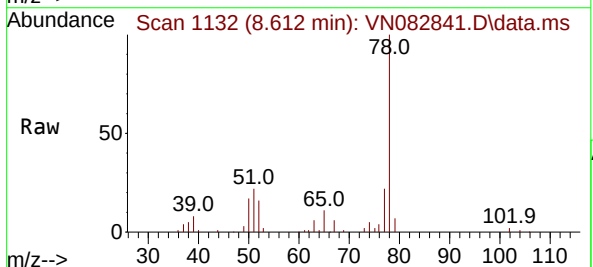
Manual Integrations
APPROVED

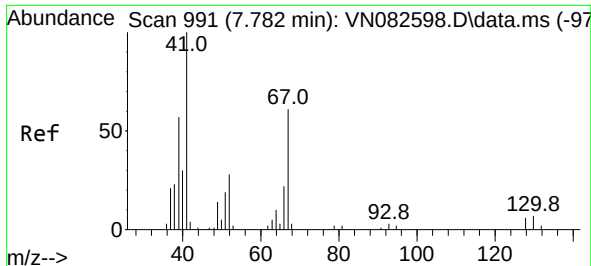
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#40
Benzene
Concen: 19.383 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

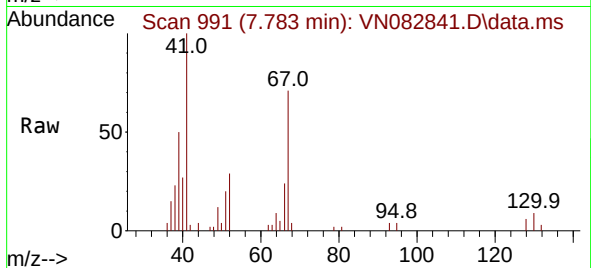
Tgt Ion: 78 Resp: 105545
Ion Ratio Lower Upper
78 100
77 22.0 19.0 28.4





#41
Methacrylonitrile
Concen: 21.369 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

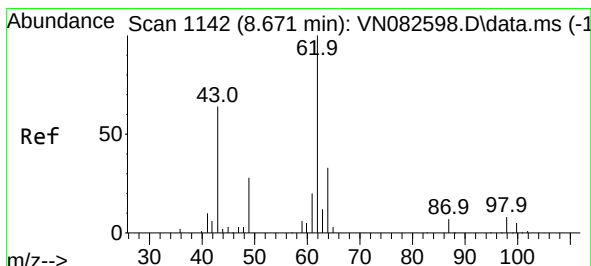
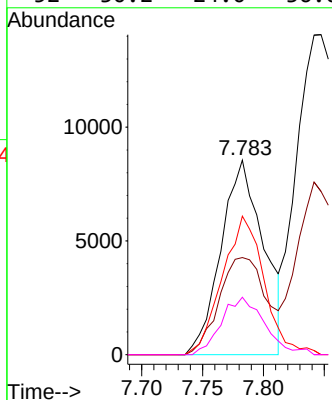
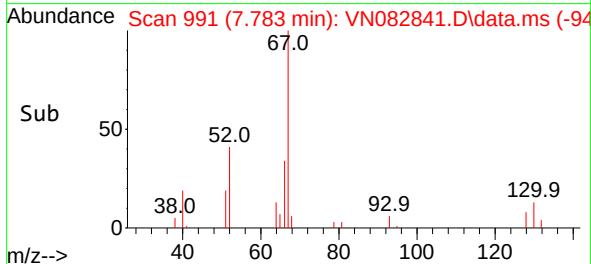
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02



Tgt Ion: 41 Resp: 20748
Ion Ratio Lower Upper
41 100
39 55.6 45.5 68.3
67 70.0 50.5 75.7
52 30.2 24.0 36.0

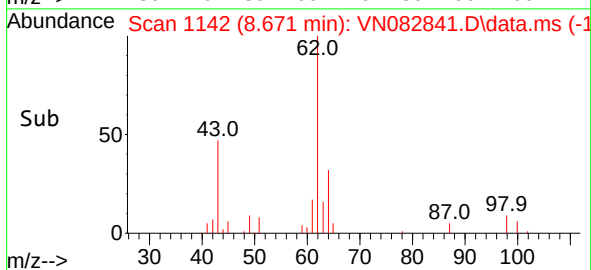
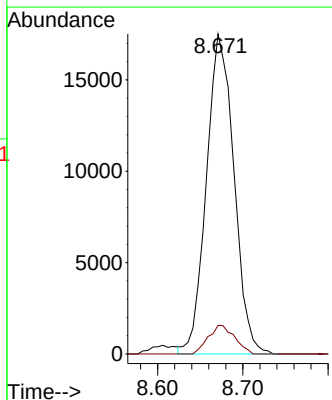
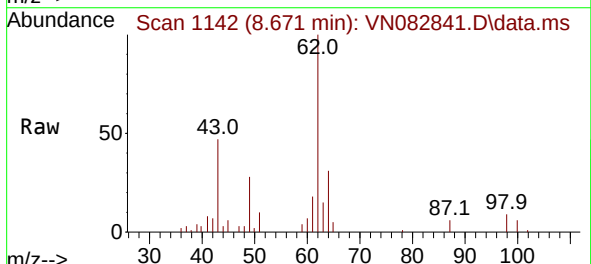
Manual Integrations
APPROVED

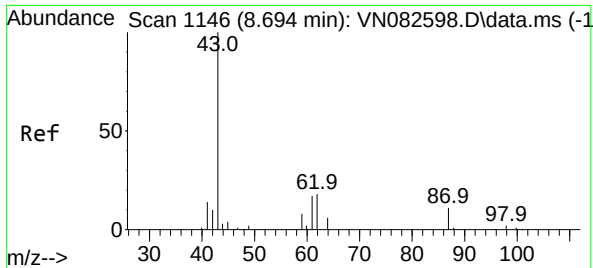
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#42
1,2-Dichloroethane
Concen: 20.057 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

Tgt Ion: 62 Resp: 39318
Ion Ratio Lower Upper
62 100
98 8.6 0.0 15.8





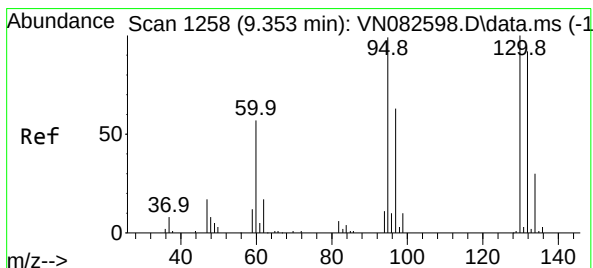
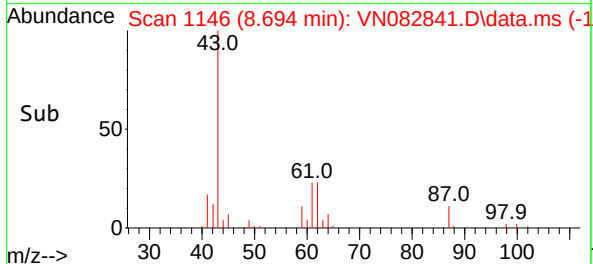
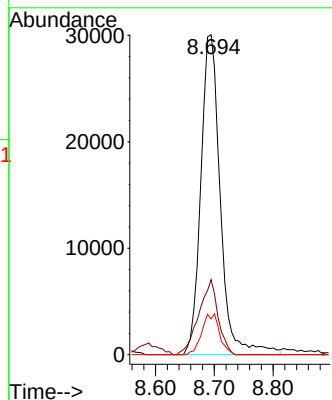
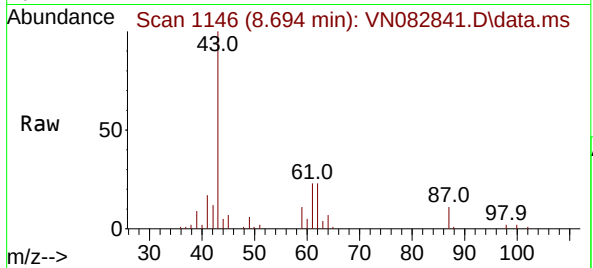
#43
Isopropyl Acetate
Concen: 18.524 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

Tgt Ion: 43 Resp: 6929
Ion Ratio Lower Upper
43 100
61 23.1 17.8 26.6
87 11.5 8.2 12.2

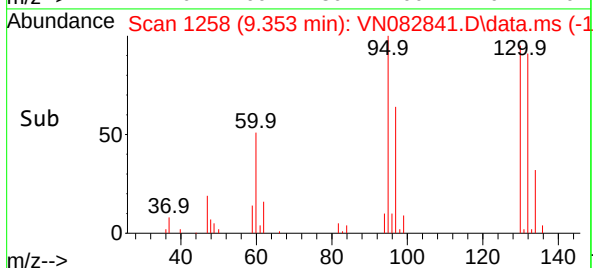
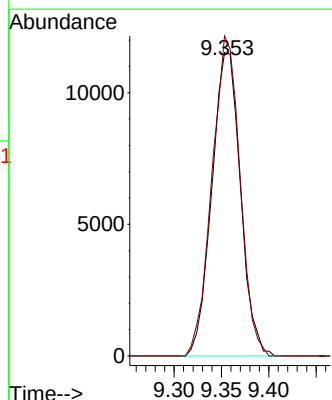
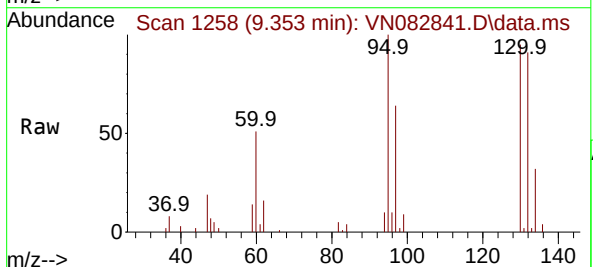
Manual Integrations
APPROVED

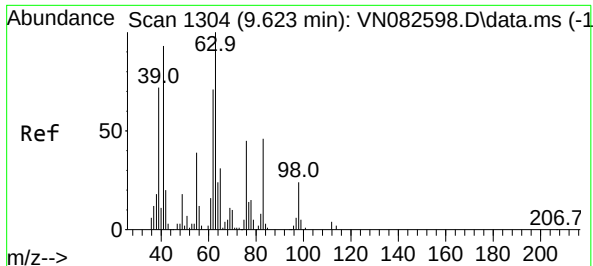
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#44
Trichloroethene
Concen: 17.349 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

Tgt Ion:130 Resp: 24203
Ion Ratio Lower Upper
130 100
95 105.5 0.0 197.8





#45

1,2-Dichloropropane

Concen: 20.312 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.001 min

Lab File: VN082841.D

Acq: 09 Jul 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

Tgt Ion: 63 Resp: 2582

Ion Ratio Lower Upper

63 100

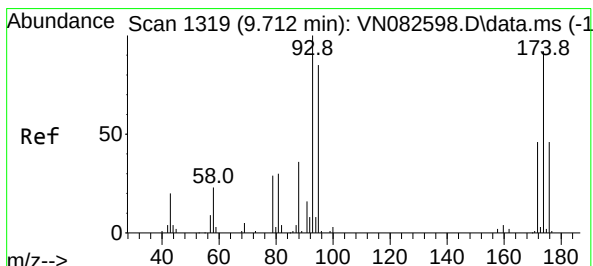
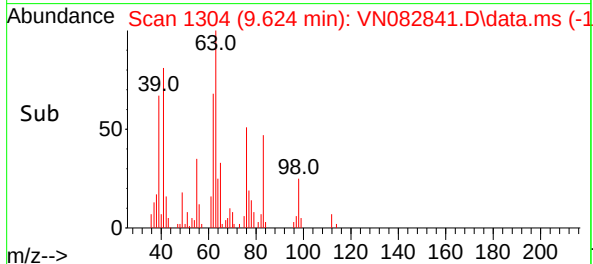
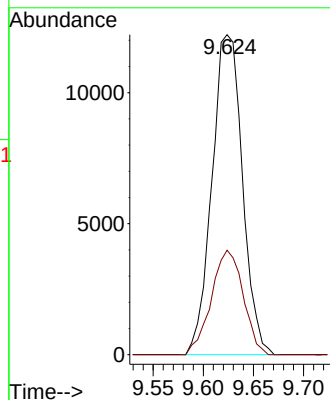
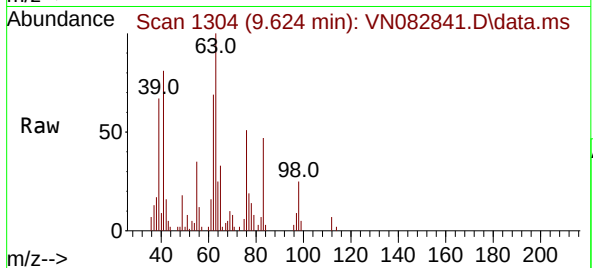
65 32.7 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#46

Dibromomethane

Concen: 19.582 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082841.D

Acq: 09 Jul 2024 15:56

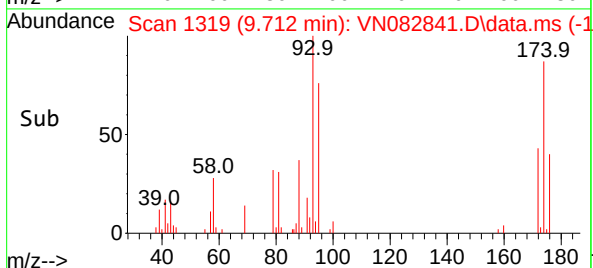
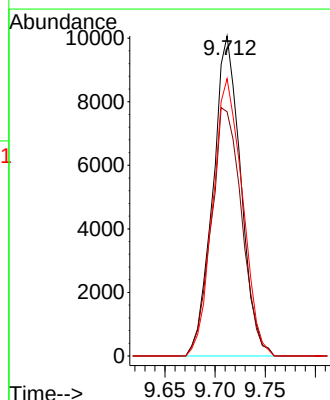
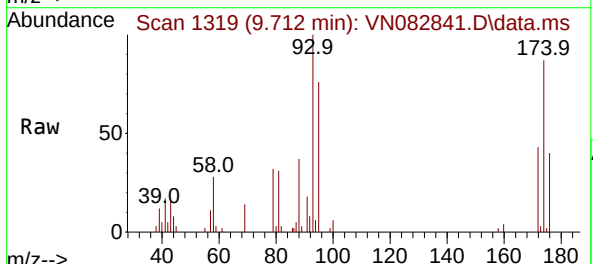
Tgt Ion: 93 Resp: 19394

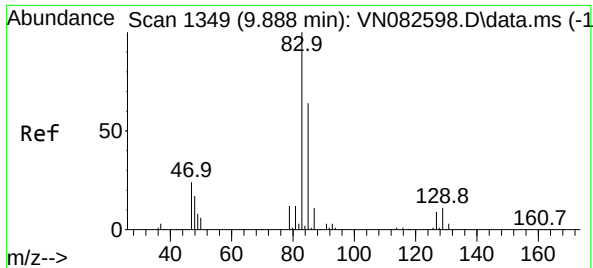
Ion Ratio Lower Upper

93 100

95 84.6 65.8 98.6

174 92.3 71.7 107.5





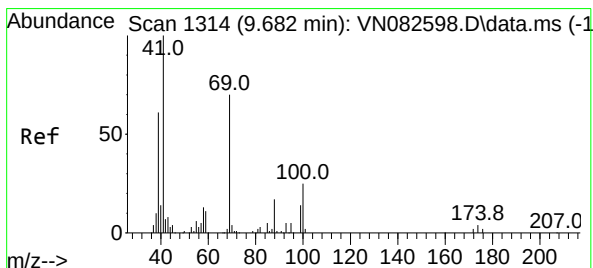
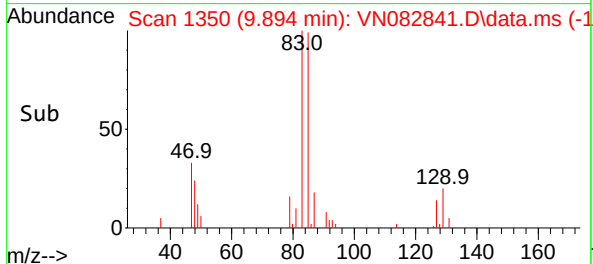
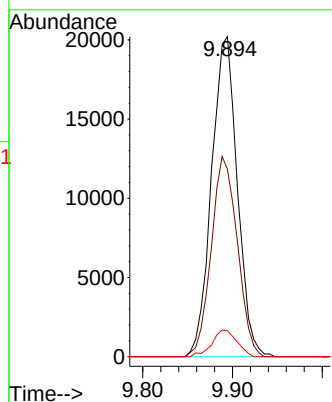
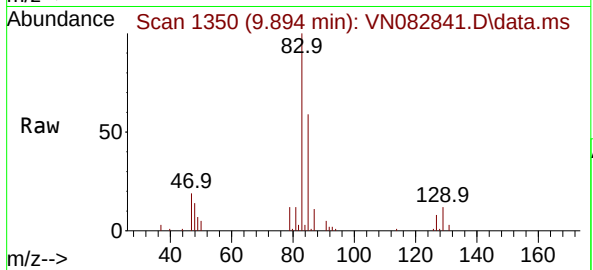
#47
Bromodichloromethane
Concen: 19.671 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

Tgt Ion: 83 Resp: 4025
Ion Ratio Lower Upper
83 100
85 58.6 51.1 76.7
127 8.1 7.2 10.8

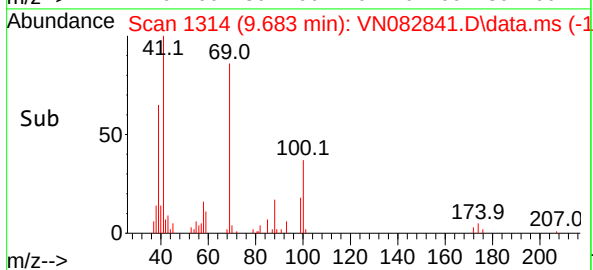
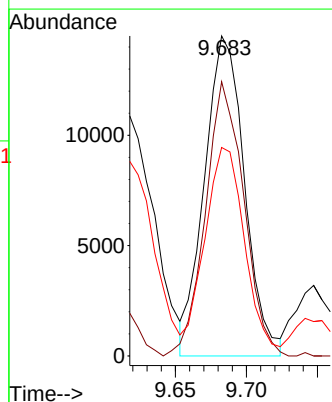
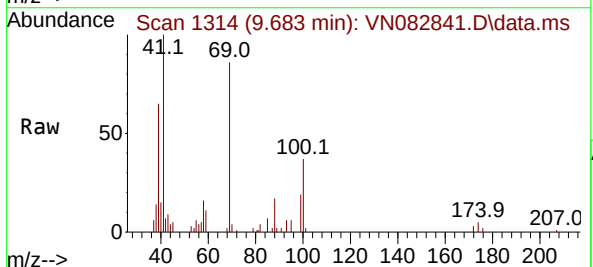
Manual Integrations
APPROVED

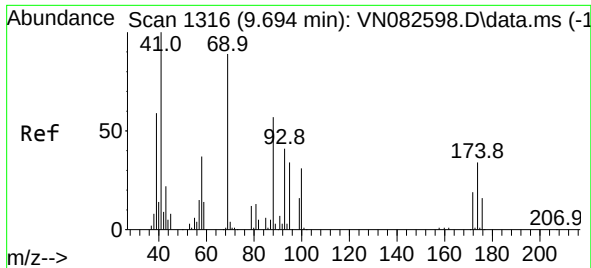
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#48
Methyl methacrylate
Concen: 20.126 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.001 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

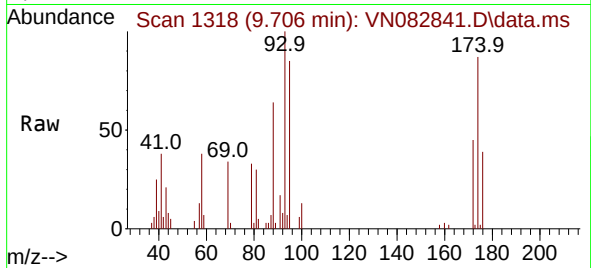
Tgt Ion: 41 Resp: 28442
Ion Ratio Lower Upper
41 100
69 82.1 56.3 84.5
39 65.5 50.3 75.5





#49
1,4-Dioxane
Concen: 385.461 ug/l
RT: 9.706 min Scan# 1316
Delta R.T. 0.012 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

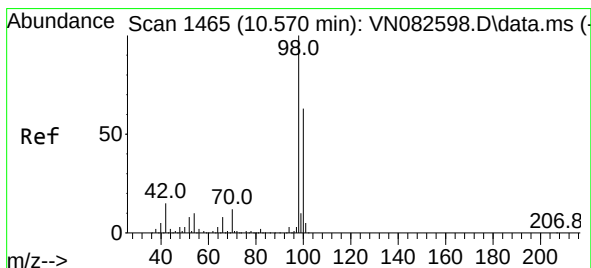
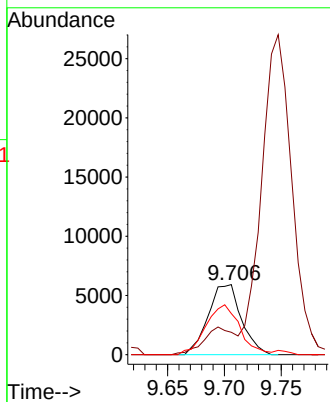
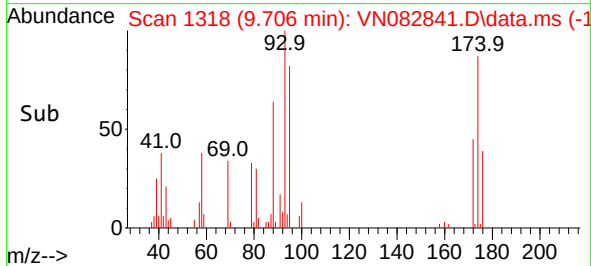
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02



Tgt Ion: 88 Resp: 1201
Ion Ratio Lower Upper
88 100
43 37.1 27.8 41.8
58 73.3 59.4 89.0

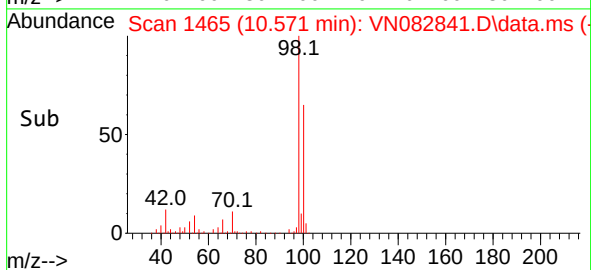
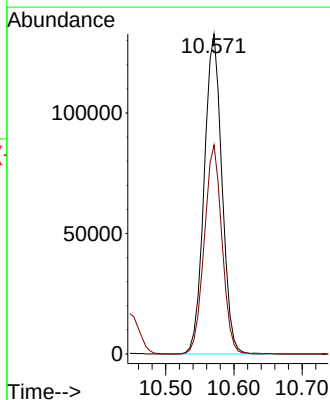
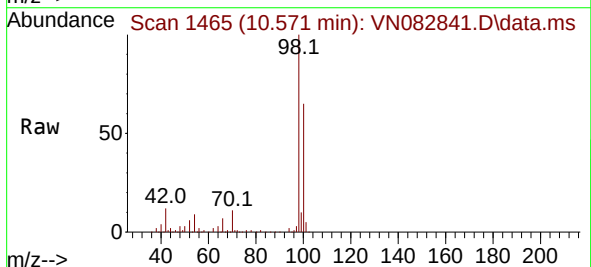
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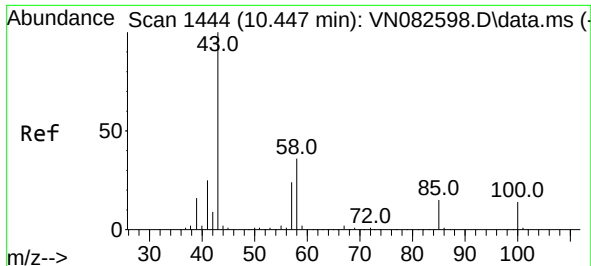
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#50
Toluene-d8
Concen: 50.587 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

Tgt Ion: 98 Resp: 239893
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3





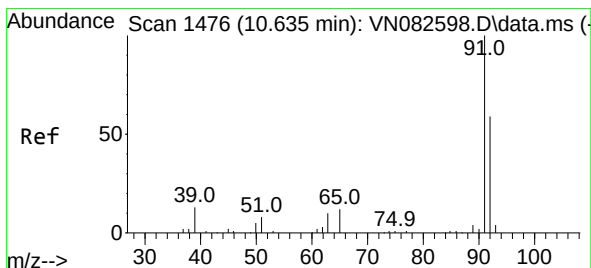
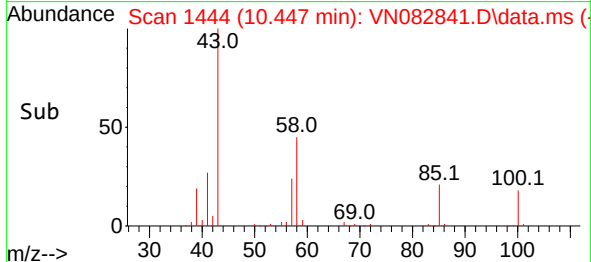
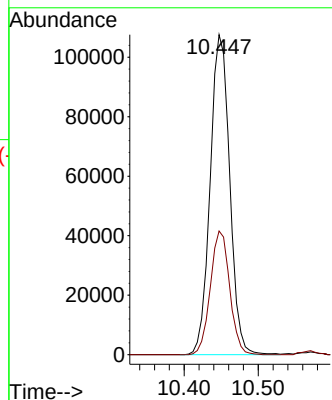
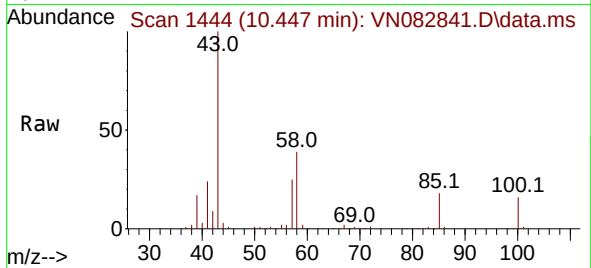
#51
4-Methyl-2-Pentanone
Concen: 110.348 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

Tgt Ion: 43 Resp: 197160
Ion Ratio Lower Upper
43 100
58 38.2 28.2 42.4

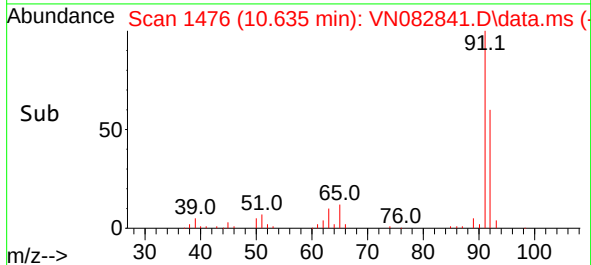
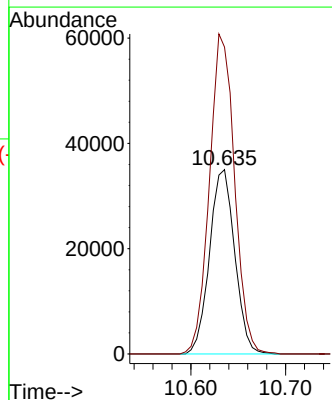
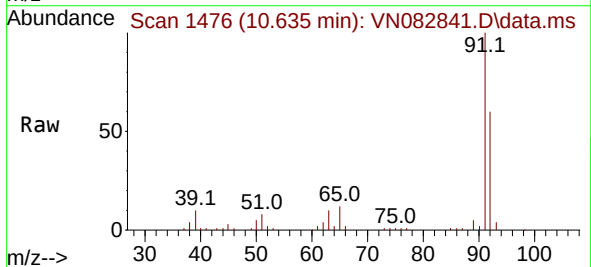
Manual Integrations
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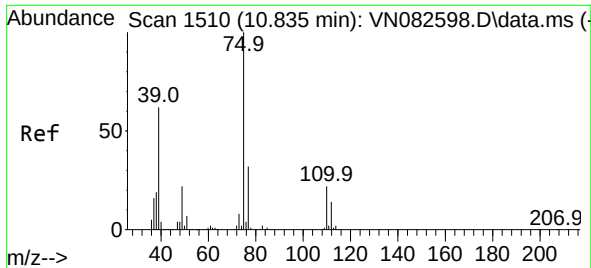
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#52
Toluene
Concen: 19.026 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

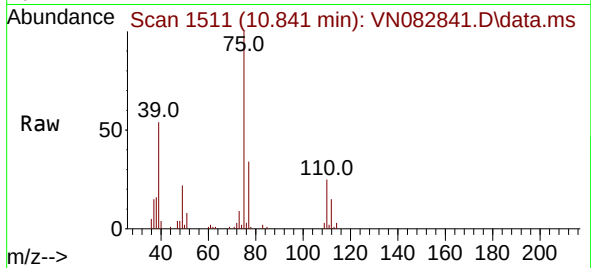
Tgt Ion: 92 Resp: 64716
Ion Ratio Lower Upper
92 100
91 173.0 139.4 209.0





#53
 t-1,3-Dichloropropene
 Concen: 18.815 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN082841.D
 Acq: 09 Jul 2024 15:56

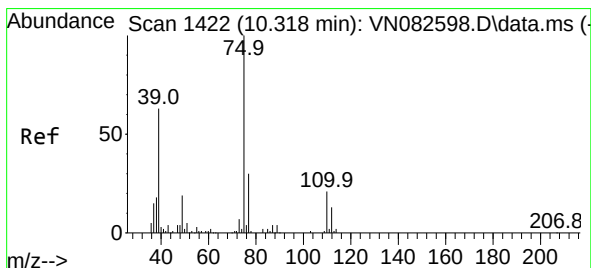
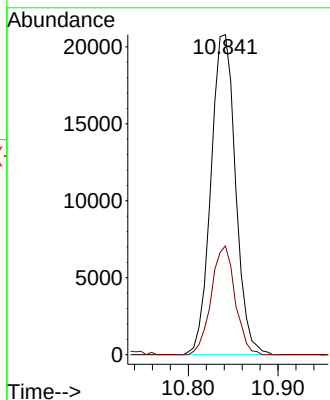
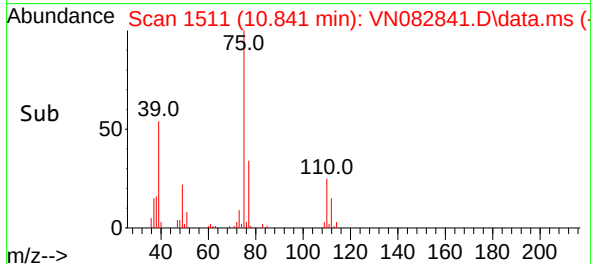
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02



Tgt Ion: 75 Resp: 3966
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.7 38.5

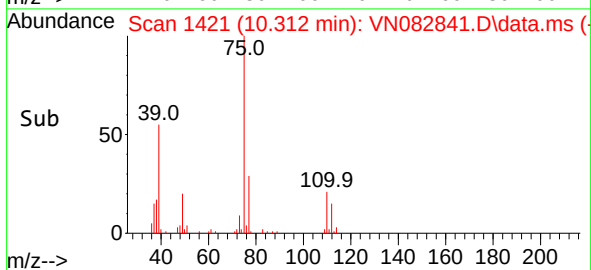
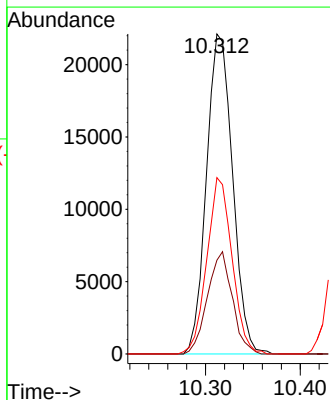
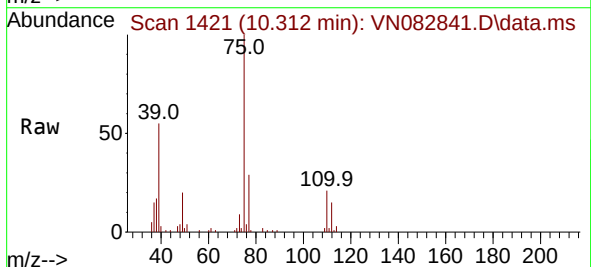
Manual Integrations
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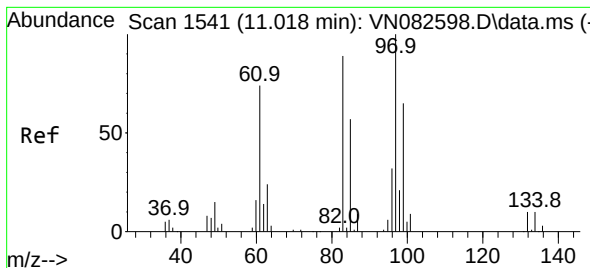
Reviewed By :John Carlone 07/10/2024
 Supervised By :Mahesh Dadoda 07/10/2024



#54
 cis-1,3-Dichloropropene
 Concen: 19.009 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN082841.D
 Acq: 09 Jul 2024 15:56

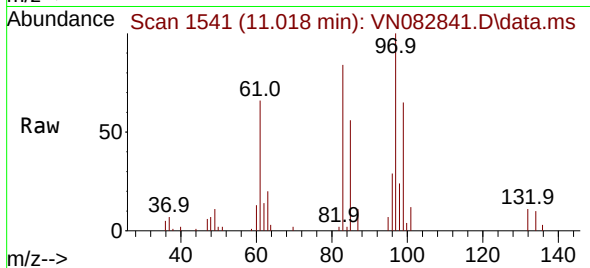
Tgt Ion: 75 Resp: 42417
 Ion Ratio Lower Upper
 75 100
 77 29.3 24.3 36.5
 39 55.1 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 20.660 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

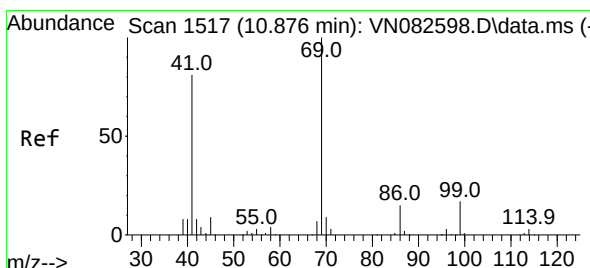
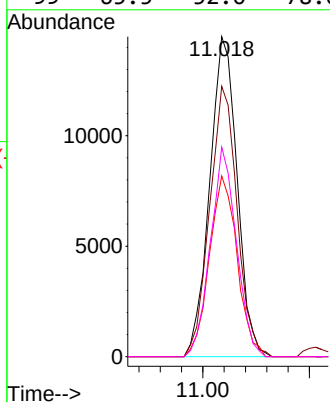
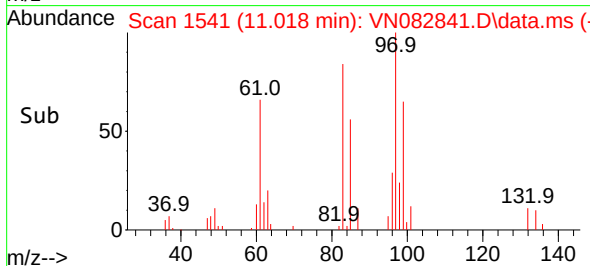
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02



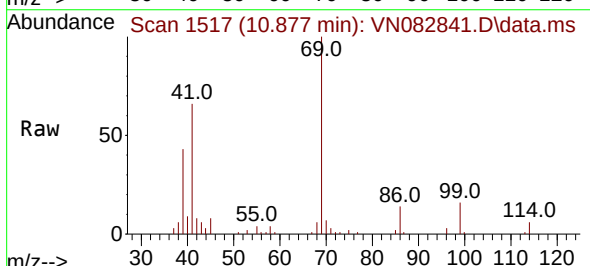
Tgt Ion: 97 Resp: 2584
Ion Ratio Lower Upper
97 100
83 84.5 71.4 107.0
85 56.4 45.8 68.6
99 65.5 52.0 78.0

Manual Integrations
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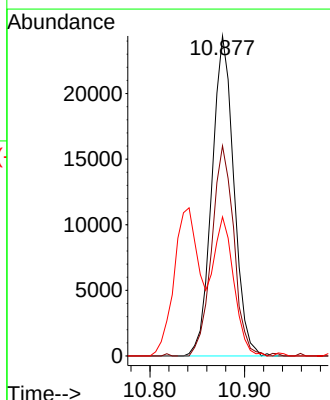
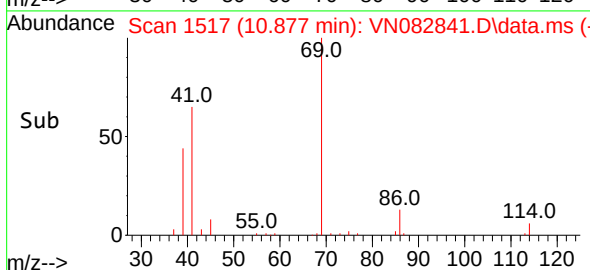
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

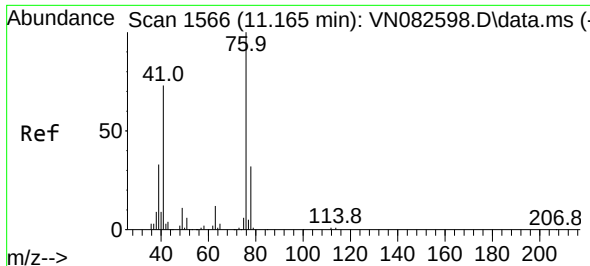


#56
Ethyl methacrylate
Concen: 20.182 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56



Tgt Ion: 69 Resp: 39274
Ion Ratio Lower Upper
69 100
41 66.1 63.4 95.2
39 40.9 37.4 56.0





#57

1,3-Dichloropropane

Concen: 20.160 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082841.D

Acq: 09 Jul 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

Tgt Ion: 76 Resp: 44630

Ion Ratio Lower Upper

76 100

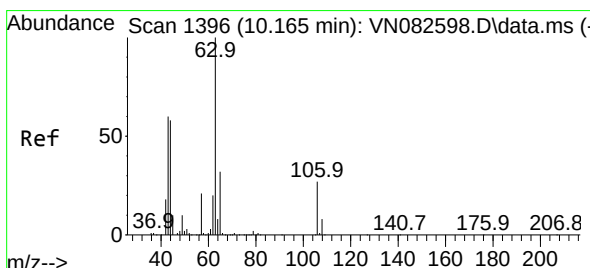
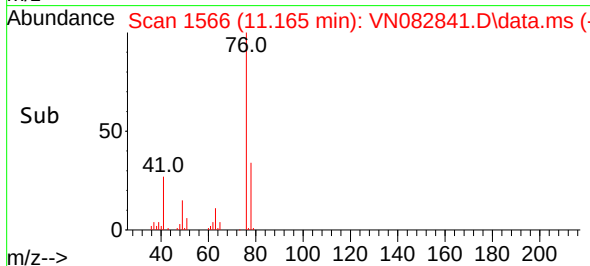
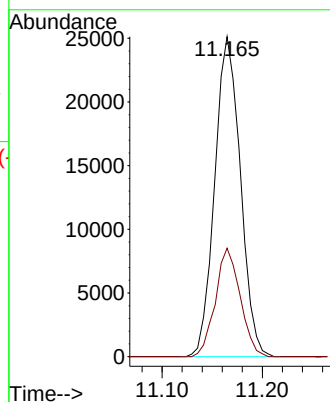
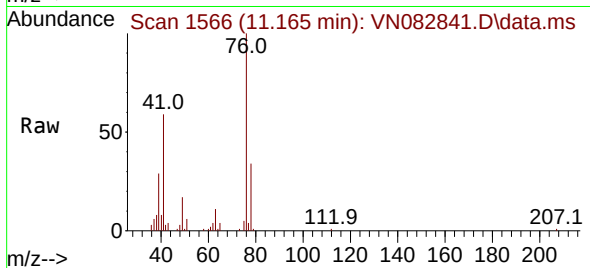
78 32.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#58

2-Chloroethyl Vinyl ether

Concen: 117.153 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN082841.D

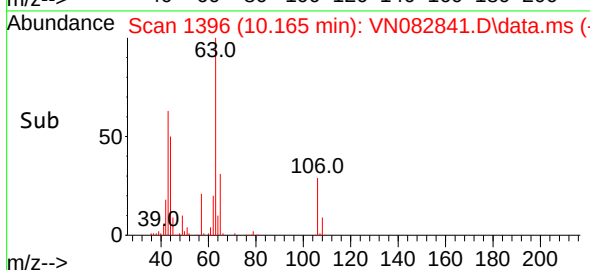
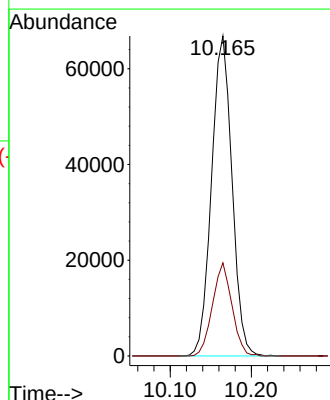
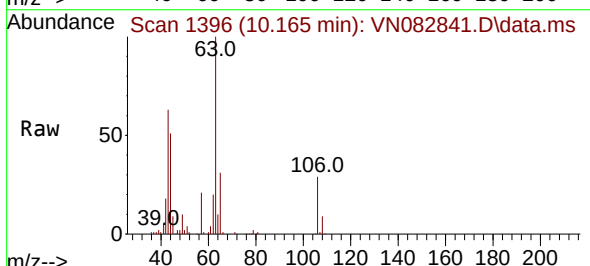
Acq: 09 Jul 2024 15:56

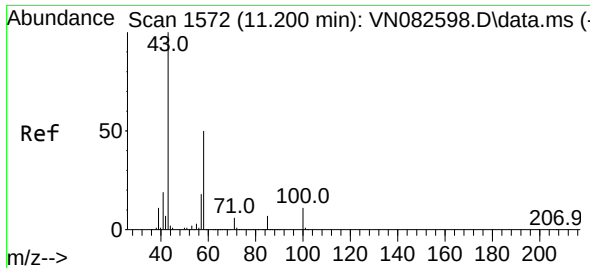
Tgt Ion: 63 Resp: 116982

Ion Ratio Lower Upper

63 100

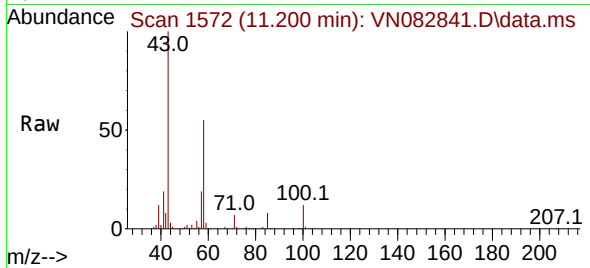
106 27.7 21.4 32.0





#59
2-Hexanone
Concen: 110.063 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

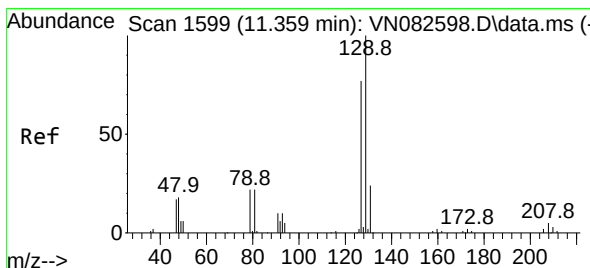
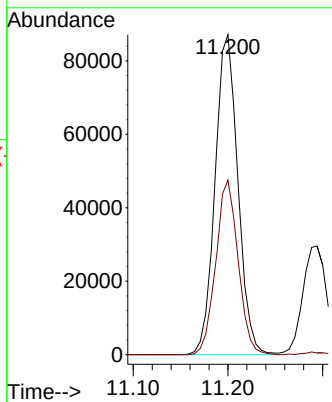
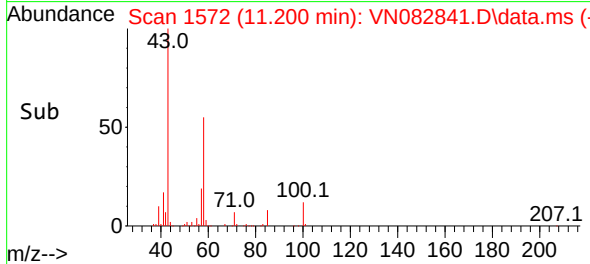
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02



Tgt Ion: 43 Resp: 14620
Ion Ratio Lower Upper
43 100
58 53.2 24.6 73.8

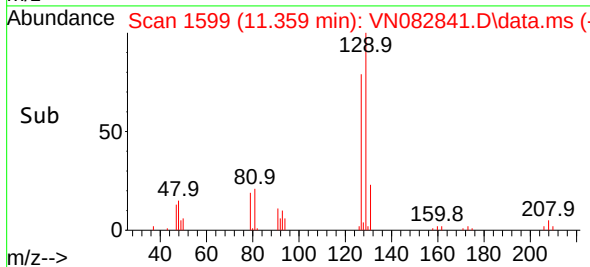
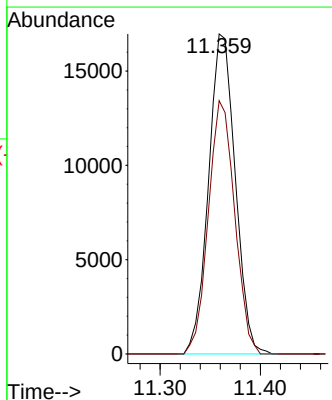
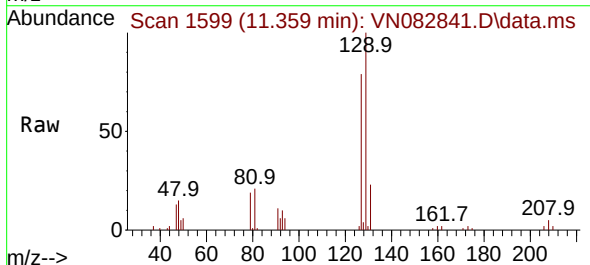
Manual Integrations
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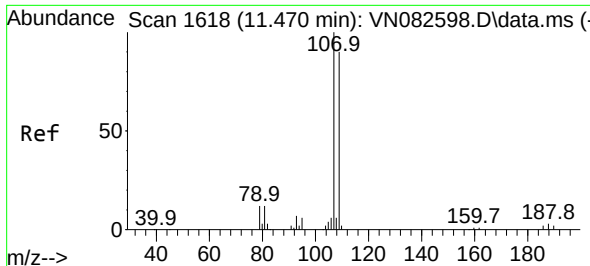
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#60
Dibromochloromethane
Concen: 19.703 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

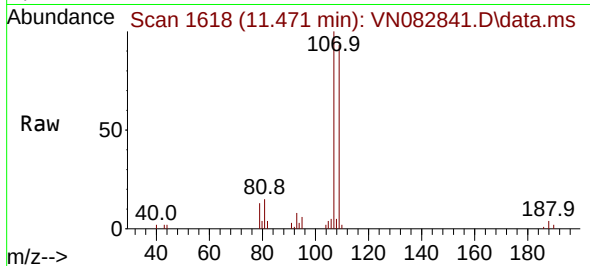
Tgt Ion:129 Resp: 31389
Ion Ratio Lower Upper
129 100
127 78.0 39.2 117.6





#61
1,2-Dibromoethane
Concen: 19.731 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

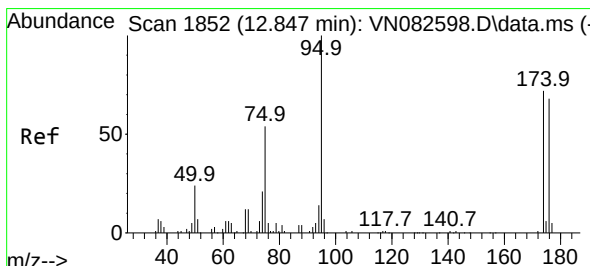
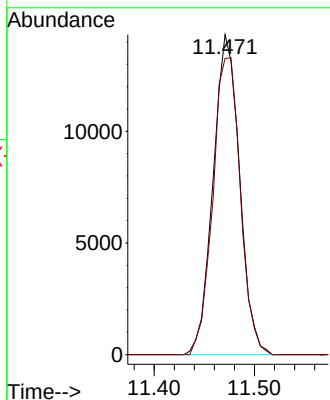
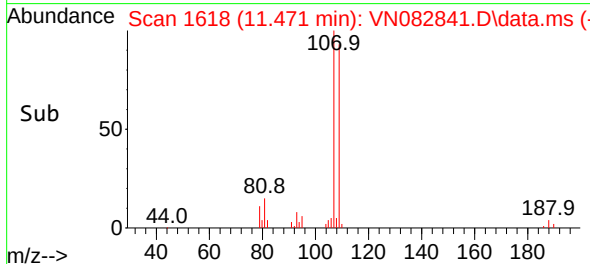
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02



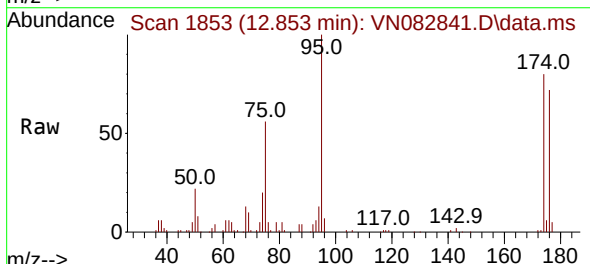
Tgt Ion:107 Resp: 26209
Ion Ratio Lower Upper
107 100
109 96.7 73.7 110.5

Manual Integrations
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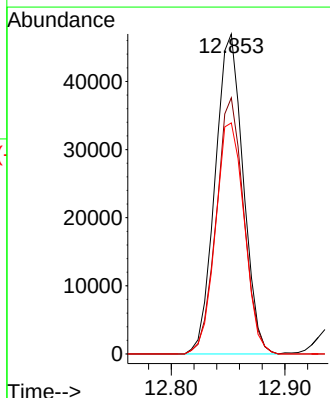
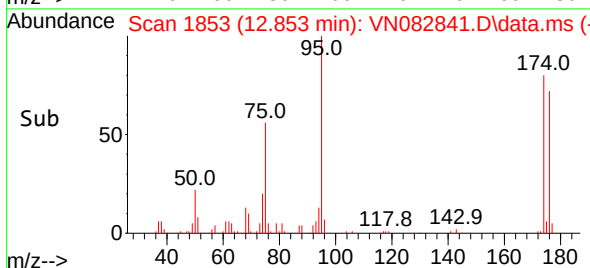
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

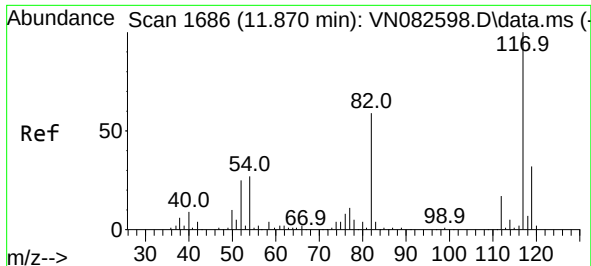


#62
4-Bromofluorobenzene
Concen: 47.282 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56



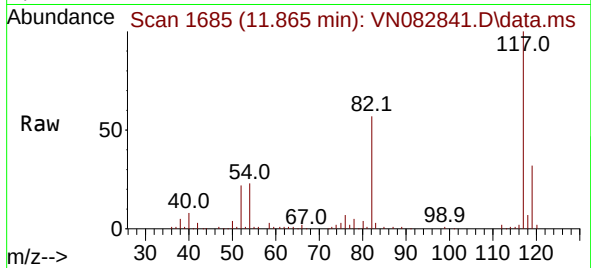
Tgt Ion: 95 Resp: 80542
Ion Ratio Lower Upper
95 100
174 78.4 0.0 159.2
176 74.1 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1168
Delta R.T. -0.005 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

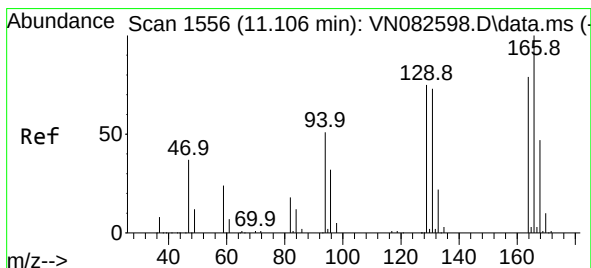
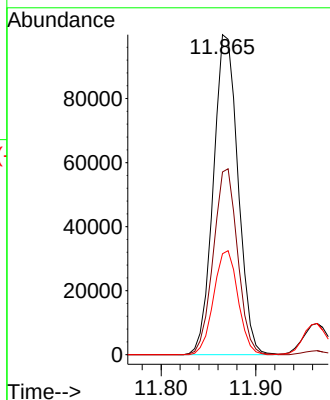
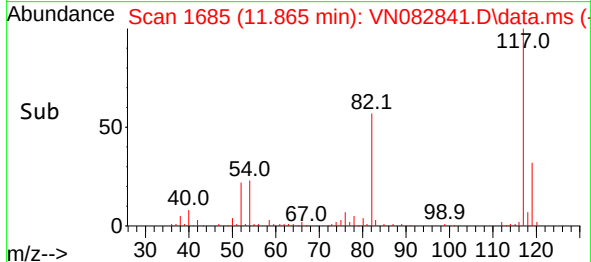
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02



Tgt Ion:117 Resp: 18089
Ion Ratio Lower Upper
117 100
82 57.1 47.5 71.3
119 31.5 25.6 38.4

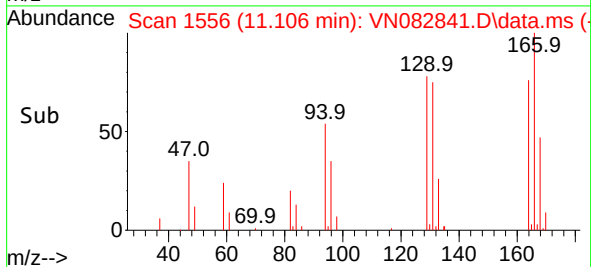
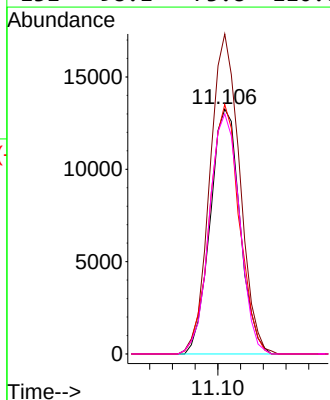
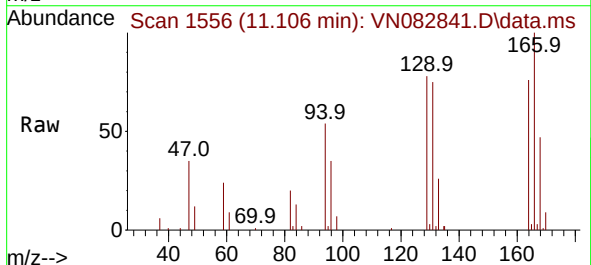
Manual Integrations
APPROVED

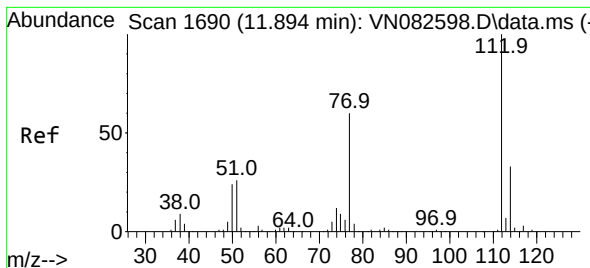
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#64
Tetrachloroethene
Concen: 17.885 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

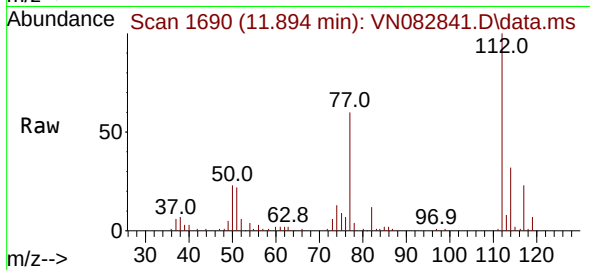
Tgt Ion:164 Resp: 24137
Ion Ratio Lower Upper
164 100
166 130.8 101.4 152.0
129 101.9 75.7 113.5
131 98.1 73.8 110.6





#65
Chlorobenzene
Concen: 18.371 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

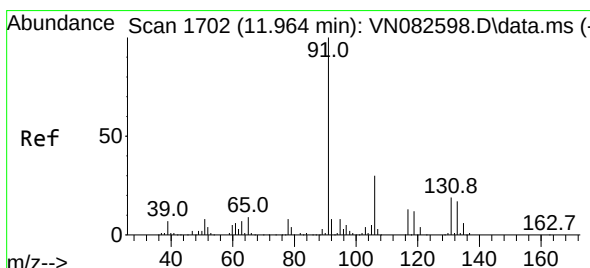
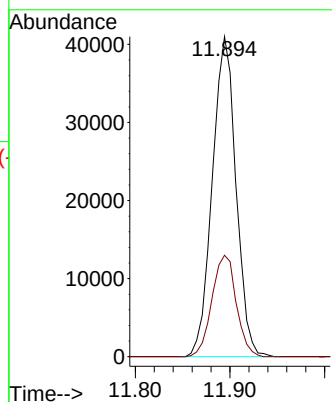
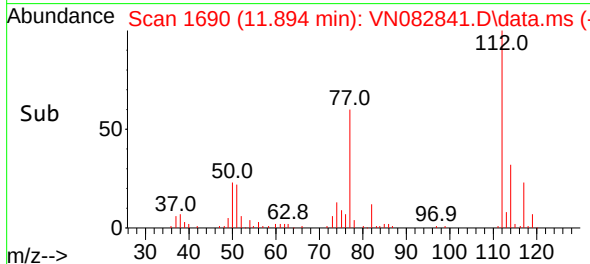
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02



Tgt Ion:112 Resp: 71210
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.2

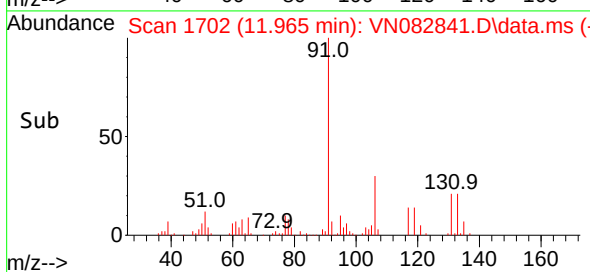
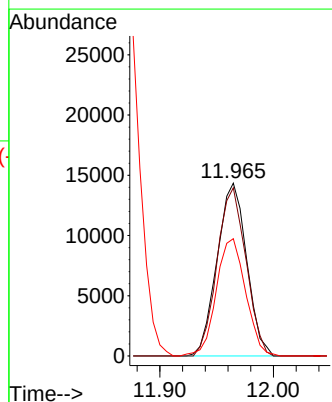
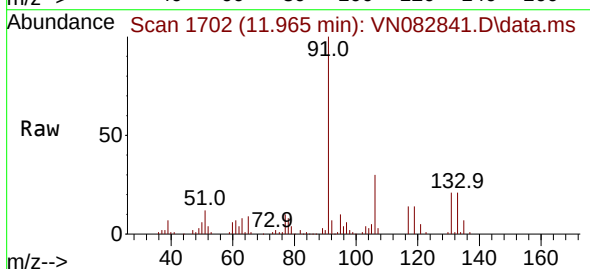
Manual Integrations
APPROVED

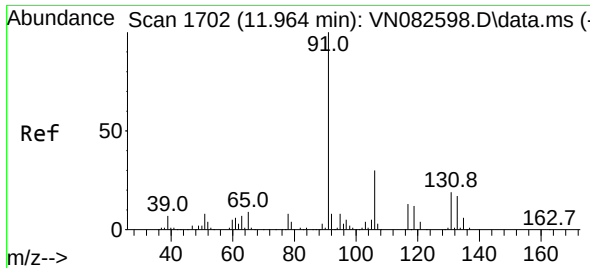
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.836 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

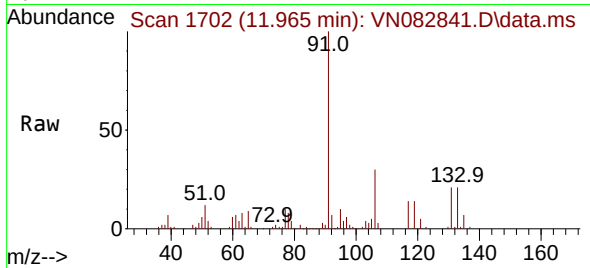
Tgt Ion:131 Resp: 25970
Ion Ratio Lower Upper
131 100
133 94.9 47.3 142.0
119 67.2 32.5 97.4





#67
Ethyl Benzene
Concen: 17.521 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

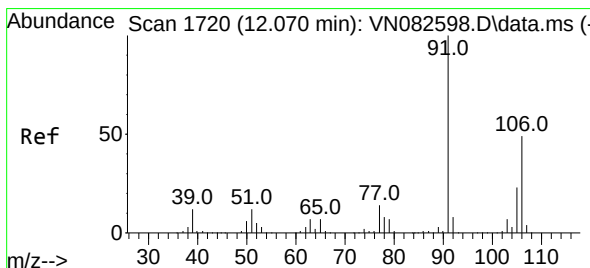
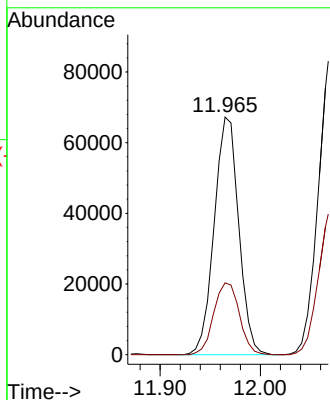
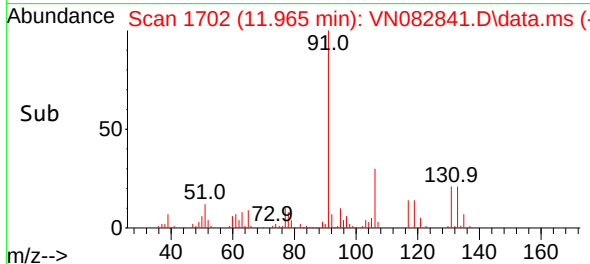
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02



Tgt Ion: 91 Resp: 114144
Ion Ratio Lower Upper
91 100
106 30.2 24.0 36.0

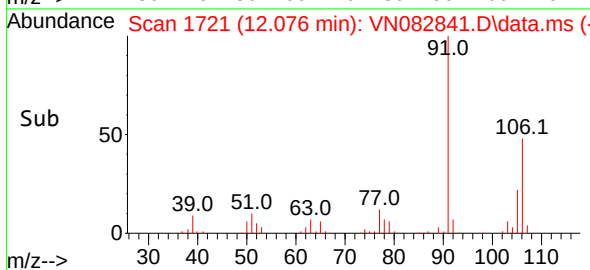
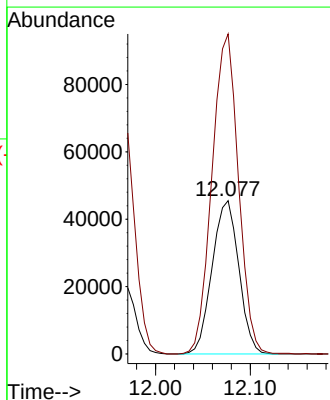
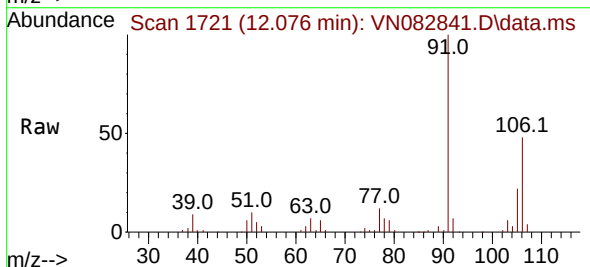
Manual Integrations
APPROVED

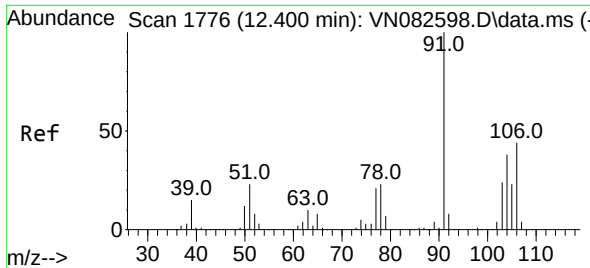
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#68
m/p-Xylenes
Concen: 36.186 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

Tgt Ion:106 Resp: 89002
Ion Ratio Lower Upper
106 100
91 207.0 166.1 249.1





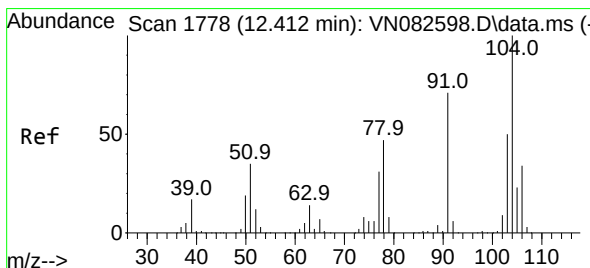
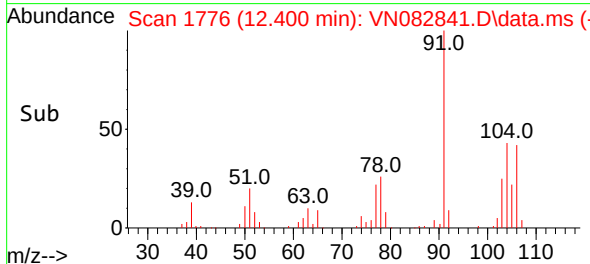
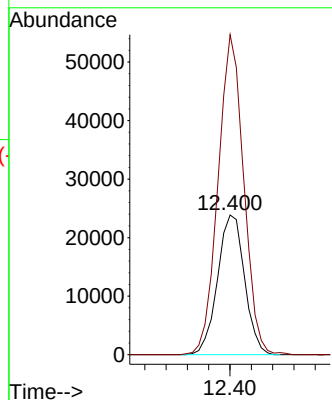
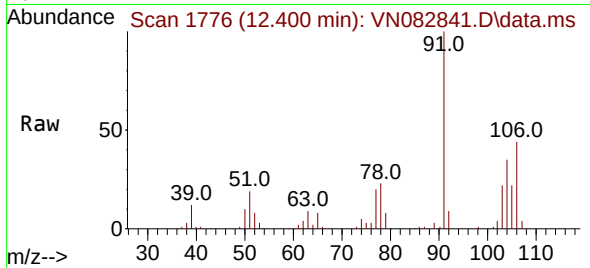
#69
o-Xylene
Concen: 17.797 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

Tgt Ion:106 Resp: 4194
Ion Ratio Lower Upper
106 100
91 217.9 111.3 333.9

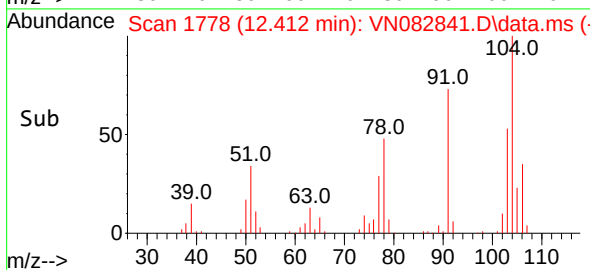
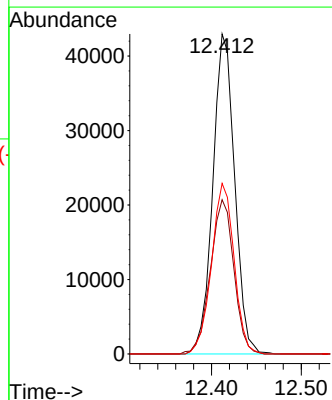
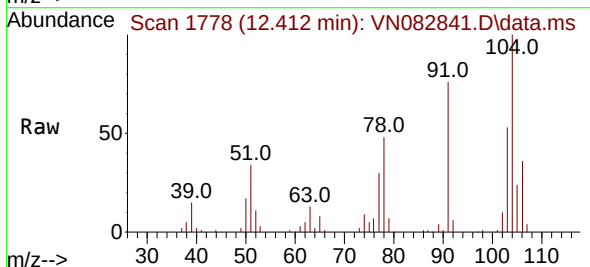
Manual Integrations
APPROVED

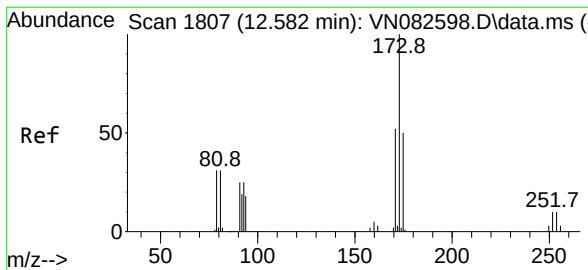
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#70
Styrene
Concen: 18.639 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

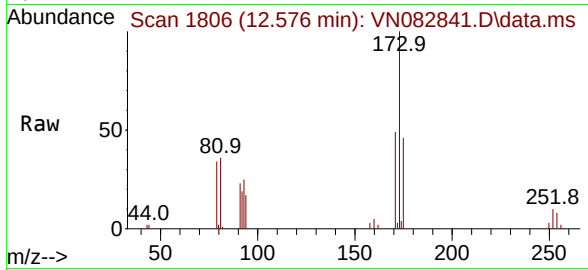
Tgt Ion:104 Resp: 72580
Ion Ratio Lower Upper
104 100
78 51.8 41.6 62.4
103 55.1 44.0 66.0





#71
Bromoform
Concen: 19.471 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

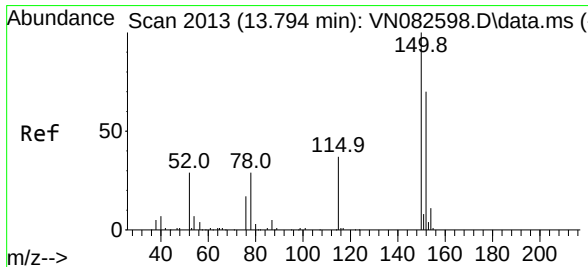
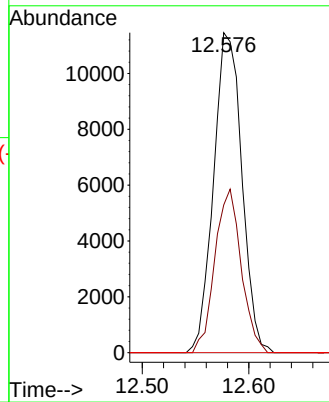
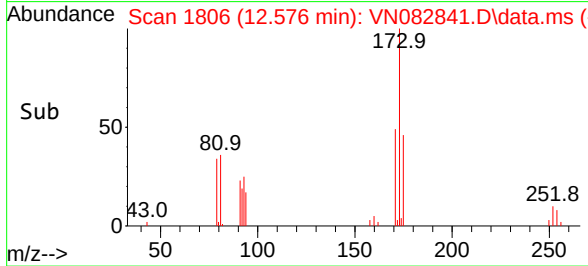
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02



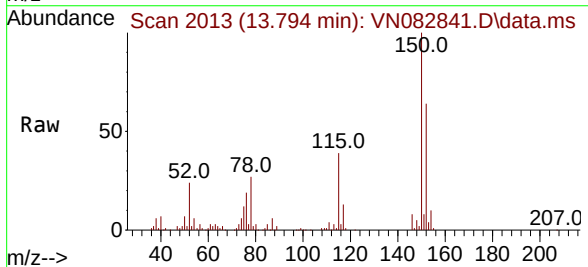
Tgt Ion:173 Resp: 2111
Ion Ratio Lower Upper
173 100
175 47.7 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

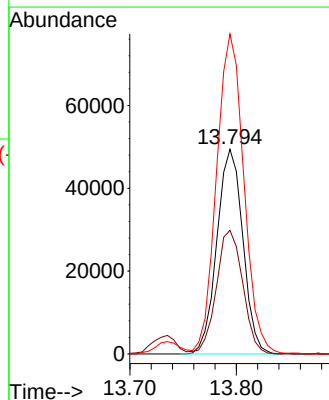
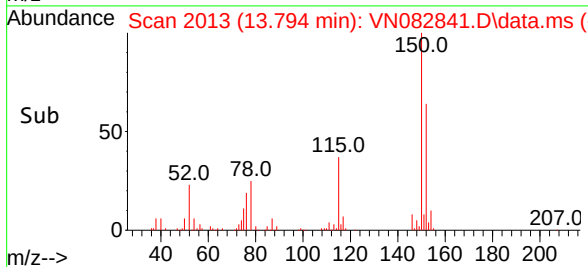
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

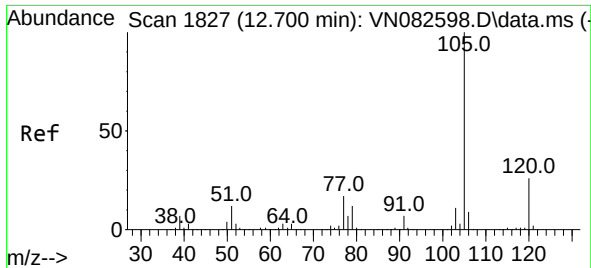


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56



Tgt Ion:152 Resp: 83502
Ion Ratio Lower Upper
152 100
115 61.6 30.6 91.6
150 164.6 0.0 348.6





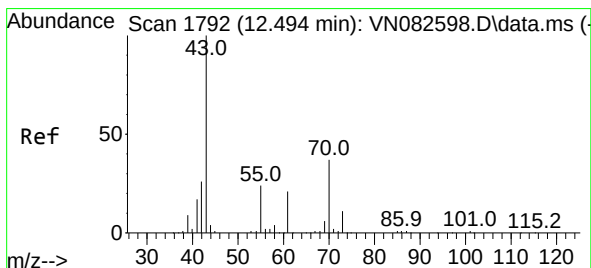
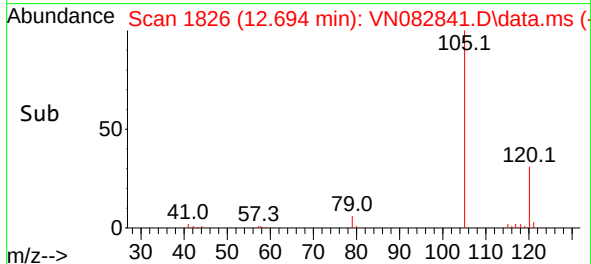
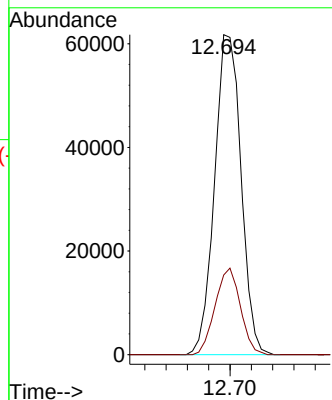
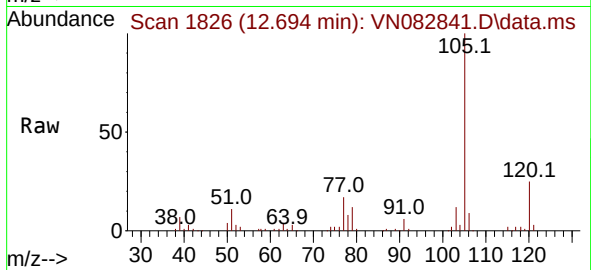
#73
Isopropylbenzene
Concen: 17.547 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

Tgt Ion:105 Resp: 106468
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6

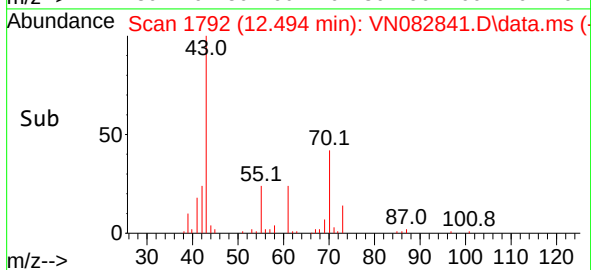
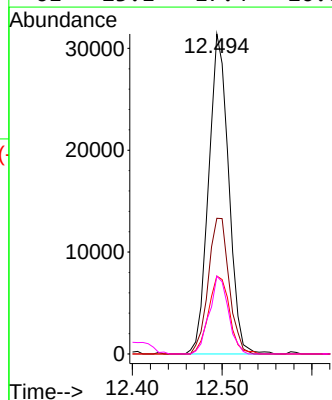
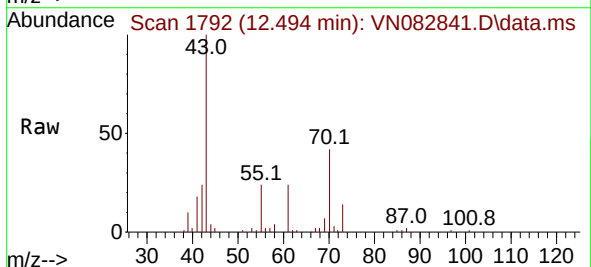
Manual Integrations
APPROVED

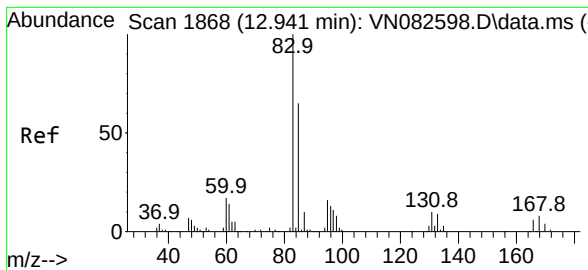
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#74
N-ethyl acetate
Concen: 19.360 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

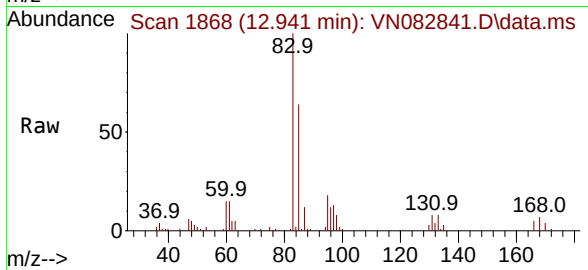
Tgt Ion: 43 Resp: 48590
Ion Ratio Lower Upper
43 100
70 44.2 29.8 44.6
55 25.4 18.7 28.1
61 23.1 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 20.496 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

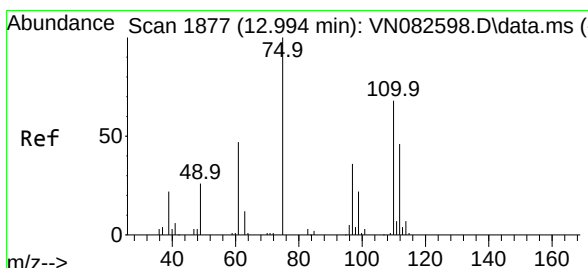
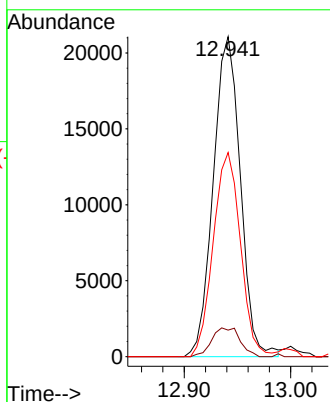
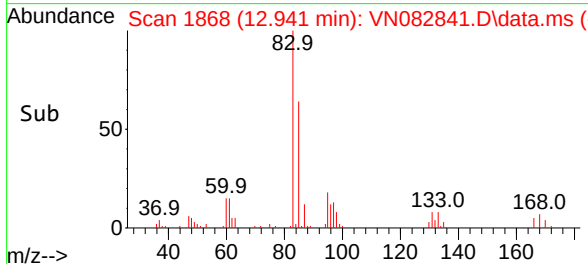
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02



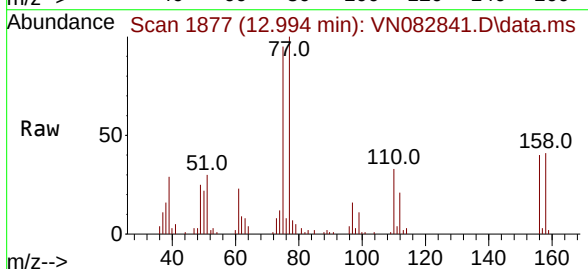
Tgt Ion: 83 Resp: 37240
Ion Ratio Lower Upper
83 100
131 9.4 5.0 14.9
85 64.0 31.9 95.7

Manual Integrations
APPROVED

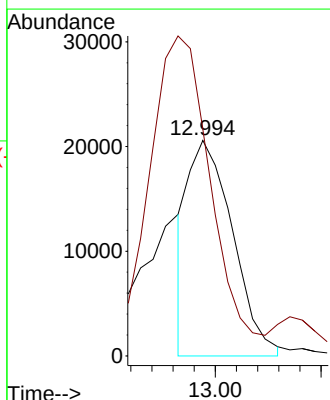
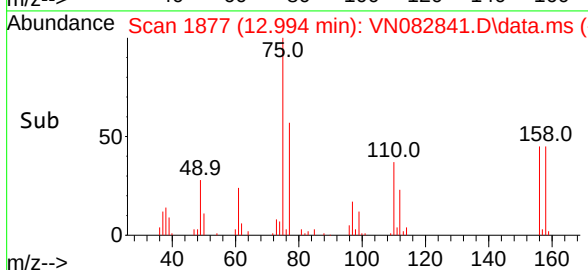
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

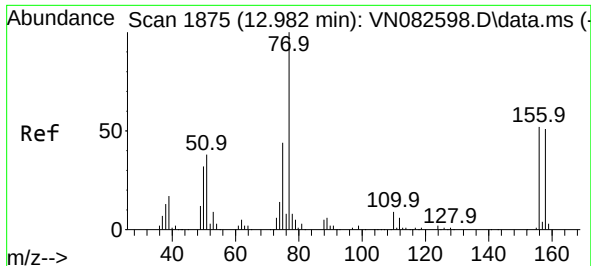


#76
1,2,3-Trichloropropane
Concen: 20.950 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56



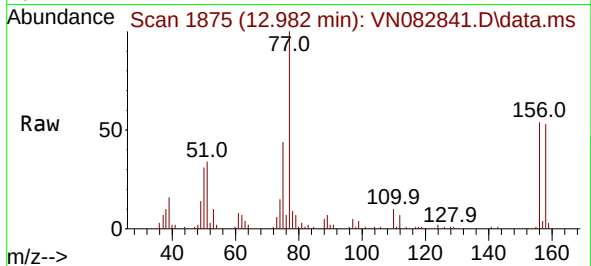
Tgt Ion: 75 Resp: 30160
Ion Ratio Lower Upper
75 100
77 207.9 110.9 332.6





#77
Bromobenzene
Concen: 17.898 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

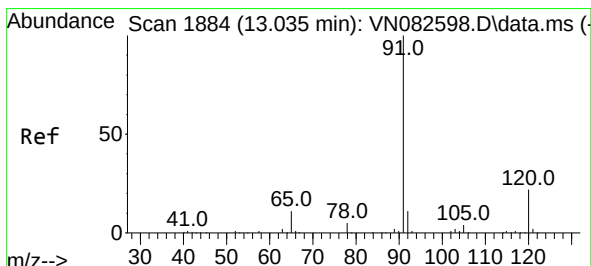
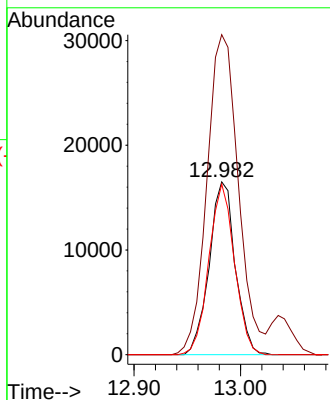
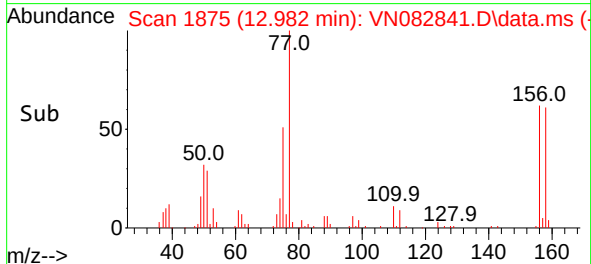
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02



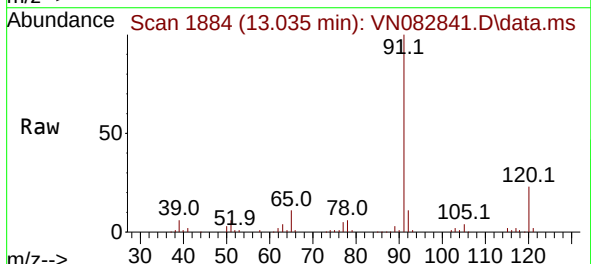
Tgt Ion:156 Resp: 28010
Ion Ratio Lower Upper
156 100
77 223.8 111.3 333.8
158 97.0 48.3 144.9

Manual Integrations
APPROVED

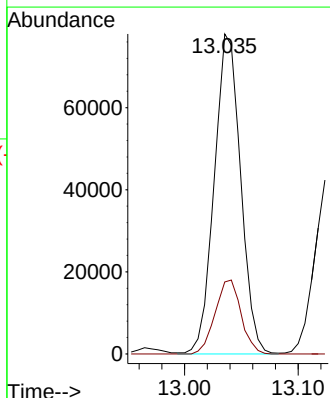
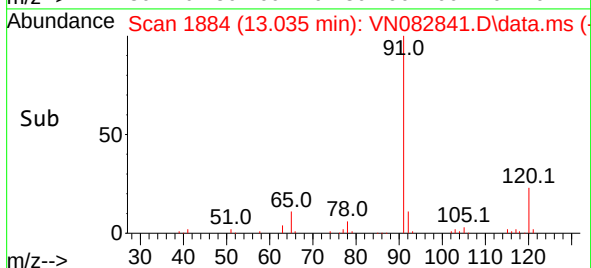
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

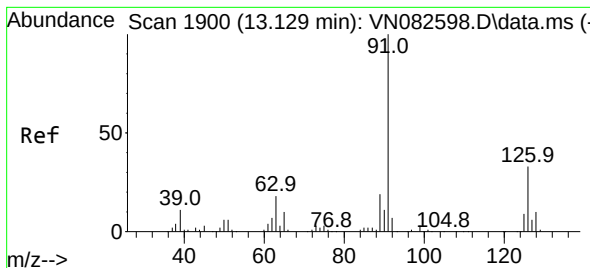


#78
n-propylbenzene
Concen: 18.037 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56



Tgt Ion: 91 Resp: 125834
Ion Ratio Lower Upper
91 100
120 22.7 10.9 32.9





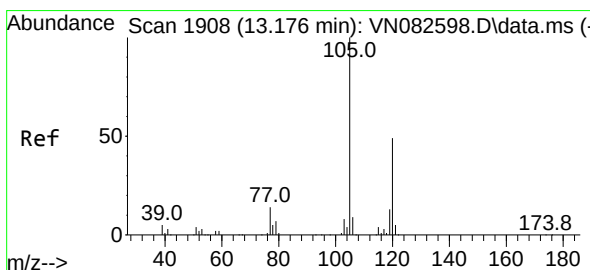
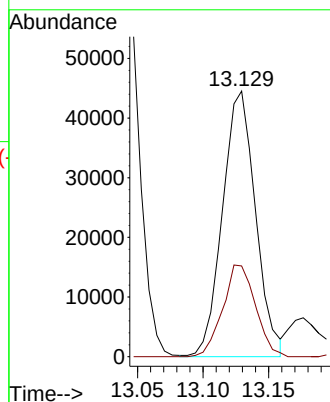
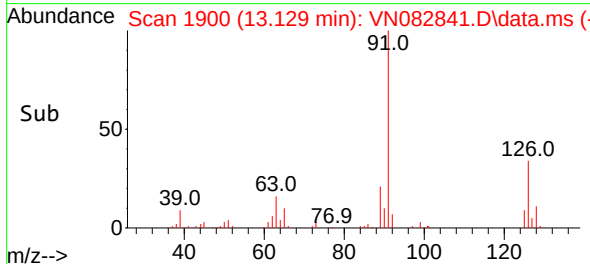
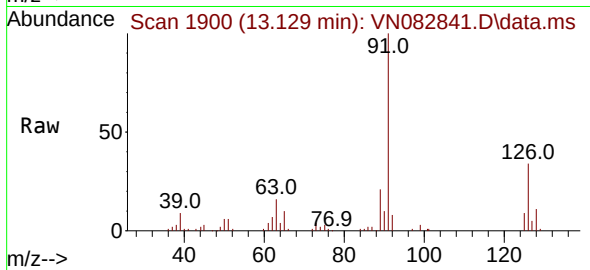
#79
2-Chlorotoluene
Concen: 17.563 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

Tgt Ion: 91 Resp: 7806
Ion Ratio Lower Upper
91 100
126 34.2 16.2 48.6

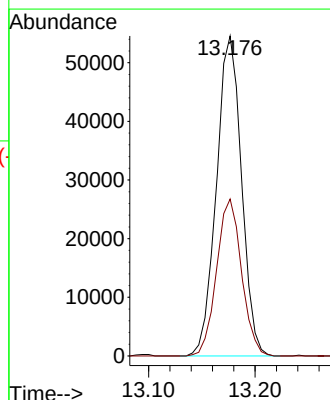
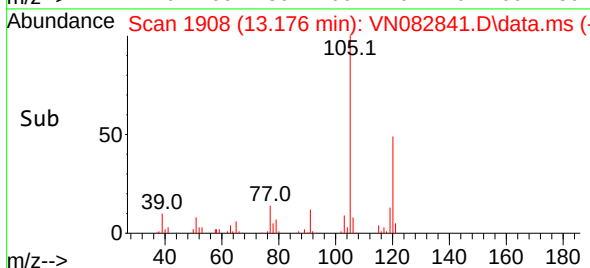
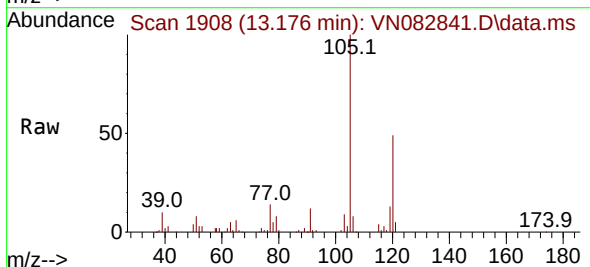
Manual Integrations
APPROVED

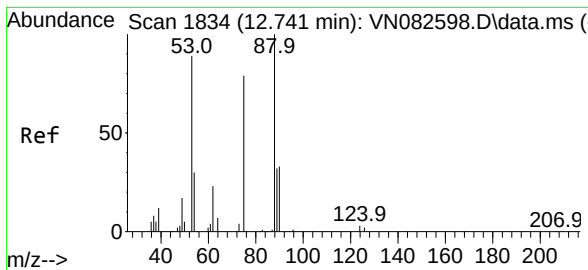
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#80
1,3,5-Trimethylbenzene
Concen: 18.153 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

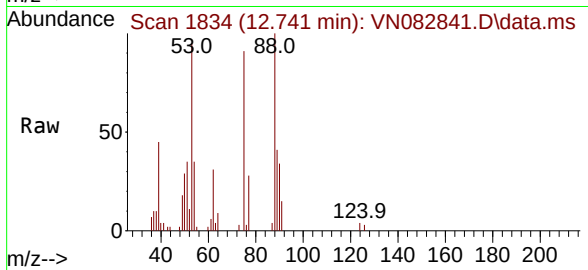
Tgt Ion:105 Resp: 89031
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 19.260 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

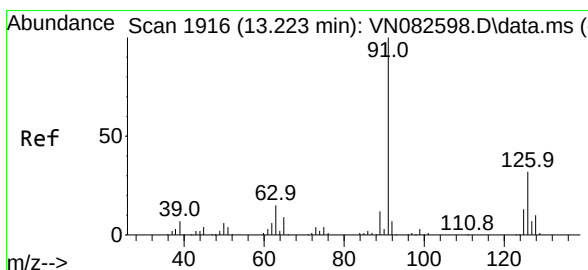
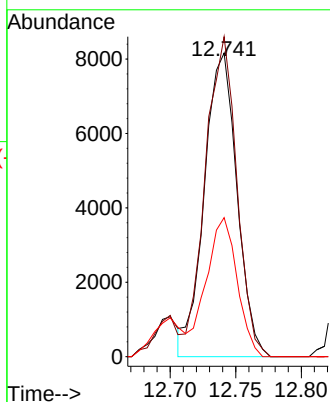
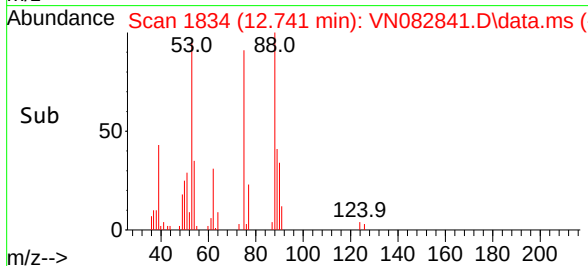
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02



Tgt Ion: 75 Resp: 14098
Ion Ratio Lower Upper
75 100
53 102.1 88.4 132.6
89 43.5 36.3 54.5

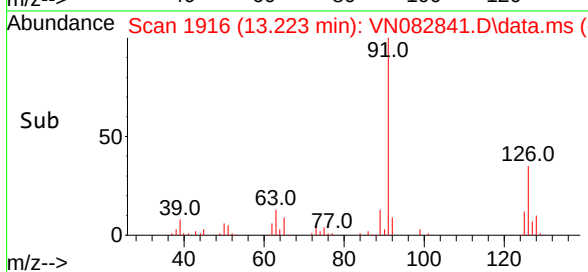
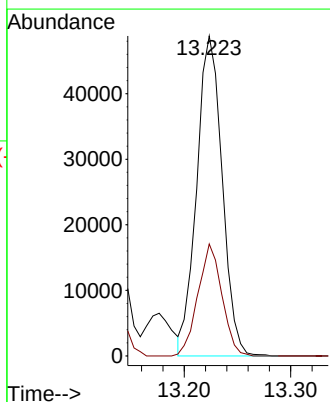
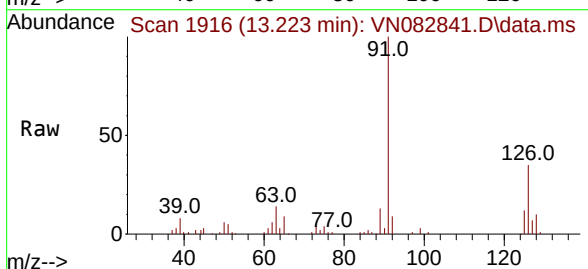
Manual Integrations
APPROVED

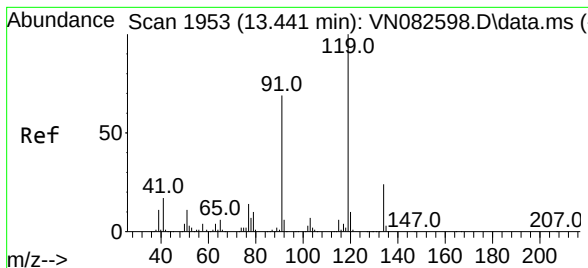
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#82
4-Chlorotoluene
Concen: 18.445 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

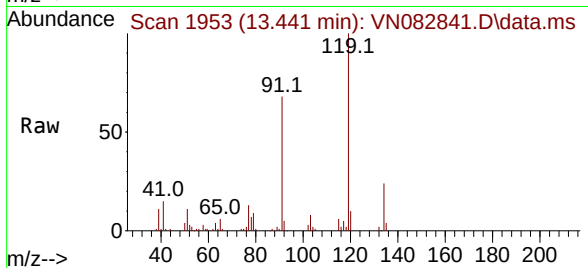
Tgt Ion: 91 Resp: 81155
Ion Ratio Lower Upper
91 100
126 32.9 16.2 48.6





#83
tert-Butylbenzene
Concen: 16.808 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

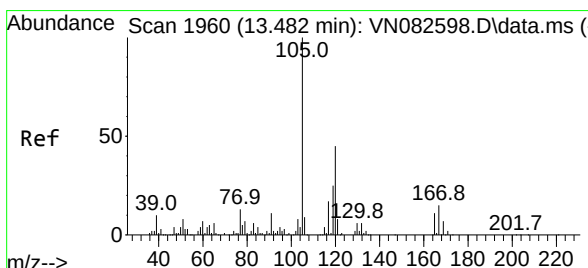
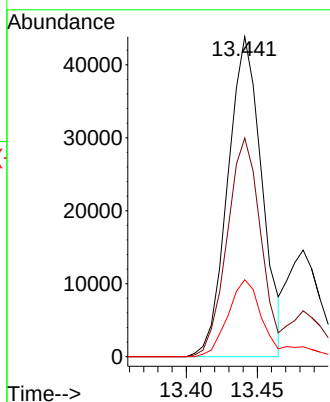
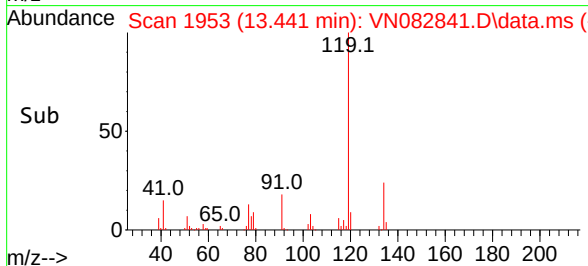
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02



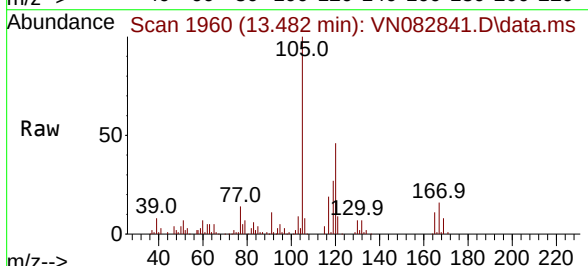
Tgt Ion:119 Resp: 73084
Ion Ratio Lower Upper
119 100
91 69.6 35.0 105.1
134 26.1 13.3 39.8

Manual Integrations
APPROVED

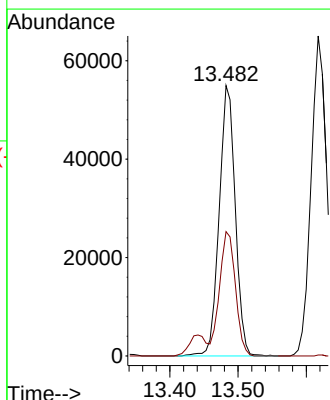
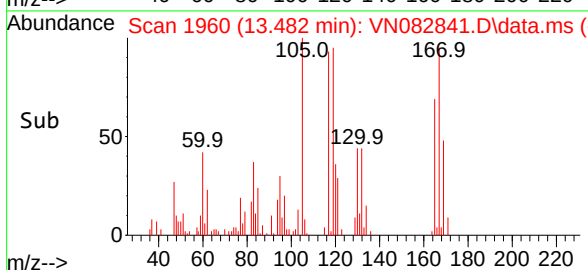
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

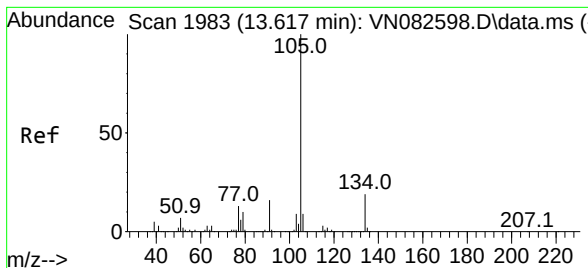


#84
1,2,4-Trimethylbenzene
Concen: 18.032 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56



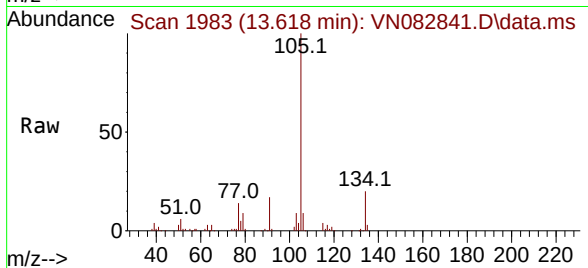
Tgt Ion:105 Resp: 90138
Ion Ratio Lower Upper
105 100
120 45.3 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 17.543 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.001 min
 Lab File: VN082841.D
 Acq: 09 Jul 2024 15:56

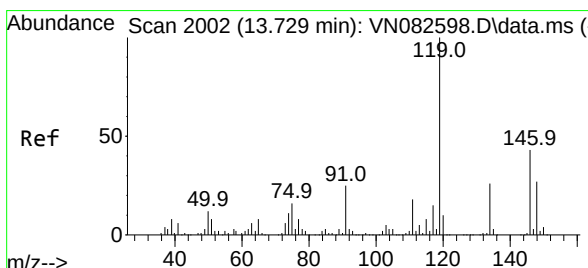
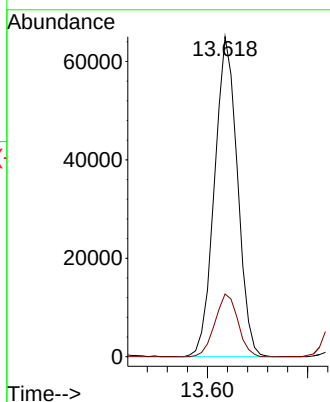
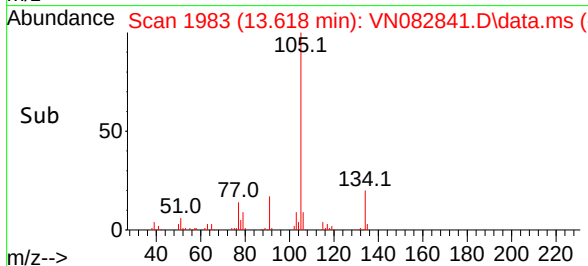
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02



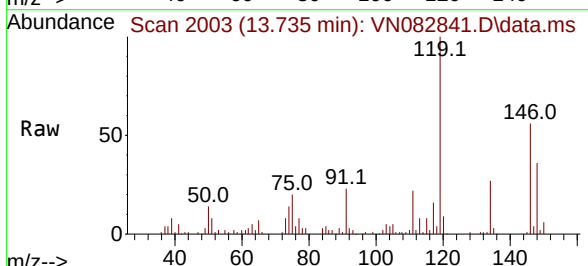
Tgt Ion:105 Resp: 10308
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

Manual Integrations
 APPROVED

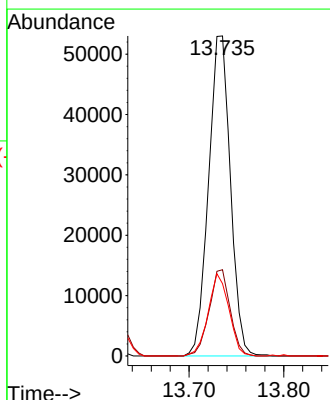
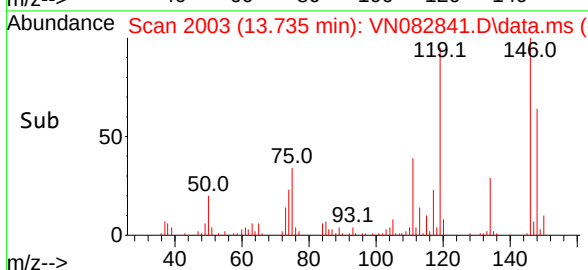
Reviewed By :John Carlone 07/10/2024
 Supervised By :Mahesh Dadoda 07/10/2024

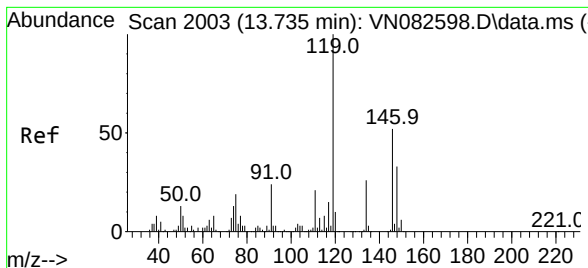


#86
 p-Isopropyltoluene
 Concen: 17.311 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN082841.D
 Acq: 09 Jul 2024 15:56



Tgt Ion:119 Resp: 84865
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 24.4 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 17.781 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN082841.D

Acq: 09 Jul 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

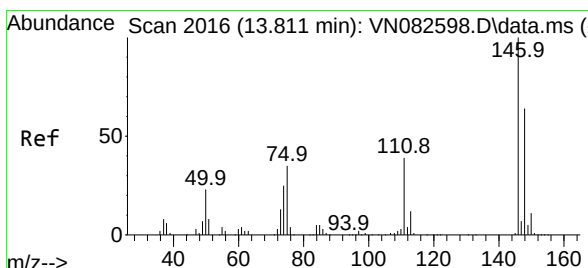
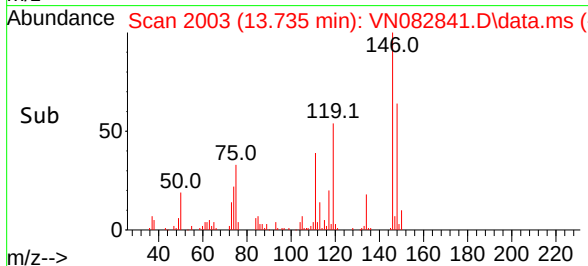
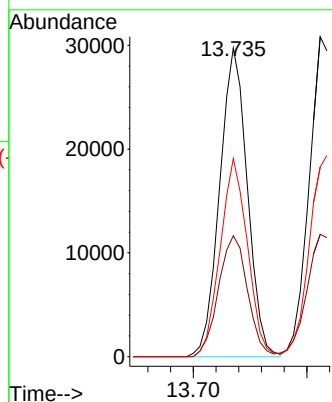
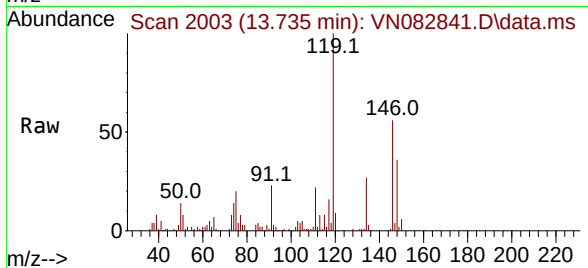
Tgt Ion:146 Resp: 50280
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.6 61.9
 148 63.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#88

1,4-Dichlorobenzene

Concen: 17.618 ug/l

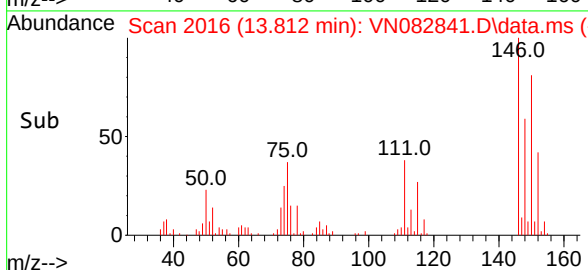
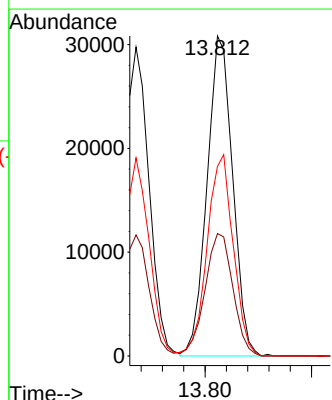
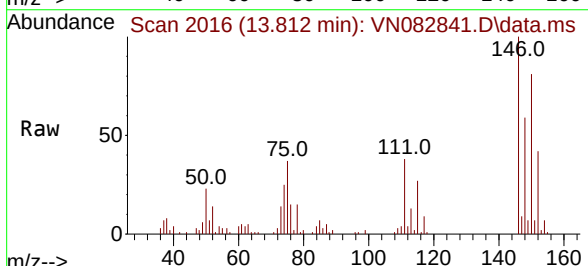
RT: 13.812 min Scan# 2016

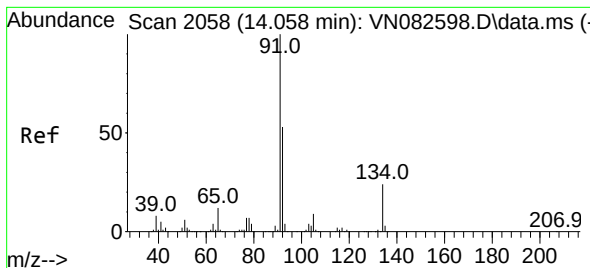
Delta R.T. 0.001 min

Lab File: VN082841.D

Acq: 09 Jul 2024 15:56

Tgt Ion:146 Resp: 51523
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.1 60.3
 148 64.0 32.2 96.6





#89

n-Butylbenzene

Concen: 16.669 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082841.D

Acq: 09 Jul 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBSD02

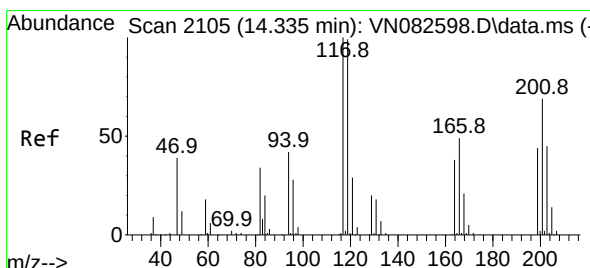
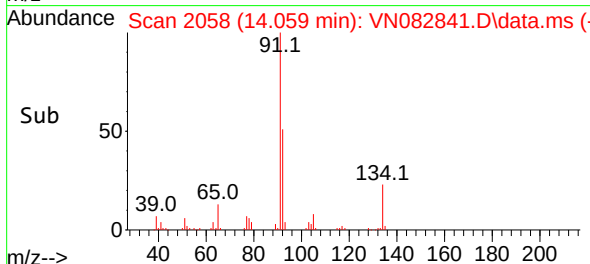
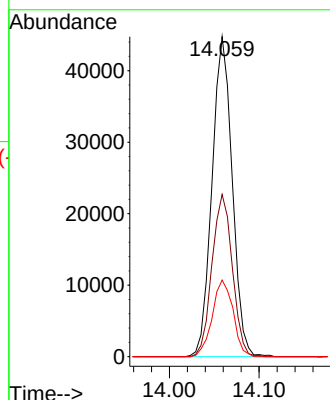
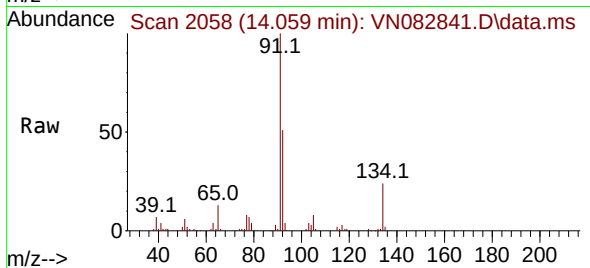
Tgt Ion: 91	Resp: 70010
Ion Ratio	Lower Upper
91	100
92	51.0 26.1 78.3
134	24.6 12.1 36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#90

Hexachloroethane

Concen: 18.032 ug/l

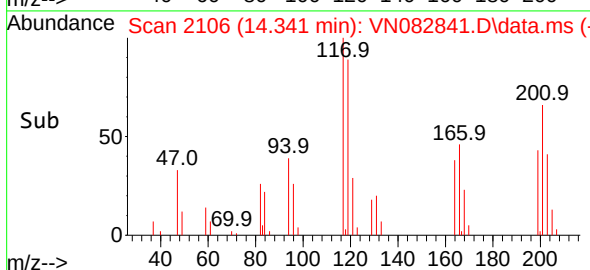
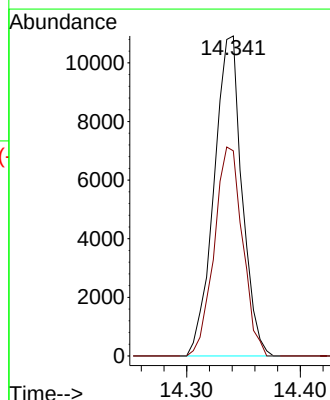
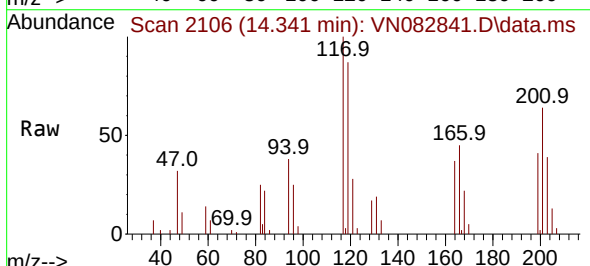
RT: 14.341 min Scan# 2106

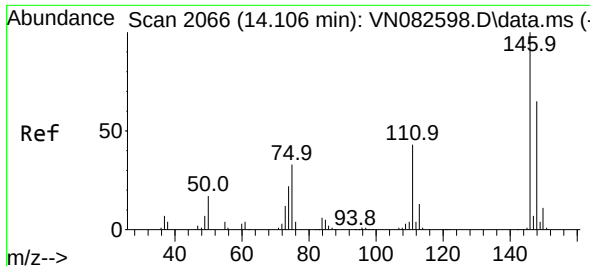
Delta R.T. 0.006 min

Lab File: VN082841.D

Acq: 09 Jul 2024 15:56

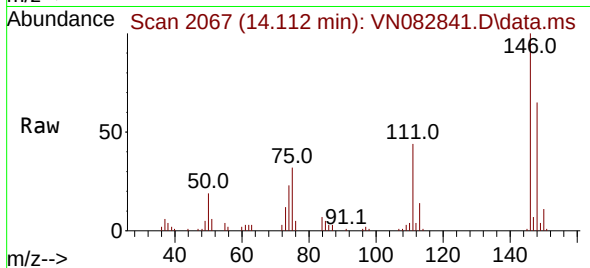
Tgt Ion: 117	Resp: 18705
Ion Ratio	Lower Upper
117	100
201	66.0 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 17.675 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

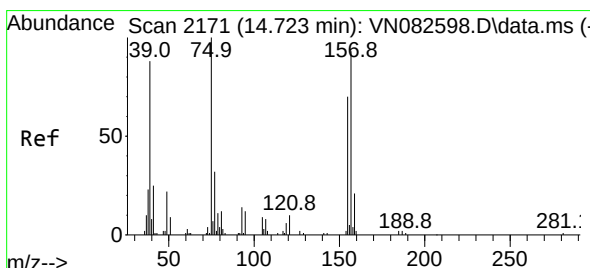
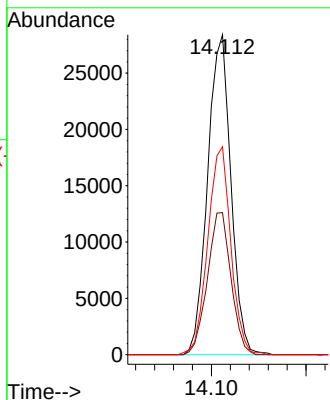
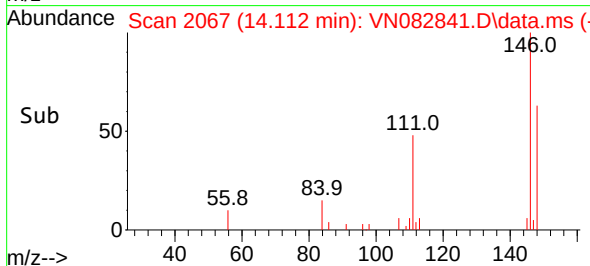
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02



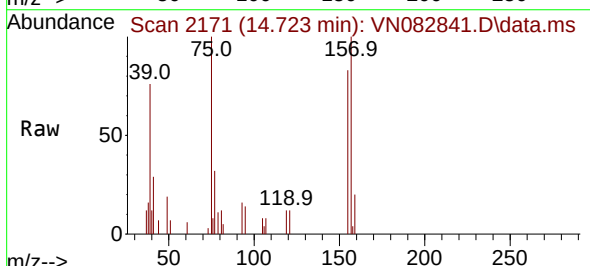
Tgt Ion:146 Resp: 4852
Ion Ratio Lower Upper
146 100
111 44.9 21.4 64.2
148 64.3 32.1 96.5

Manual Integrations
APPROVED

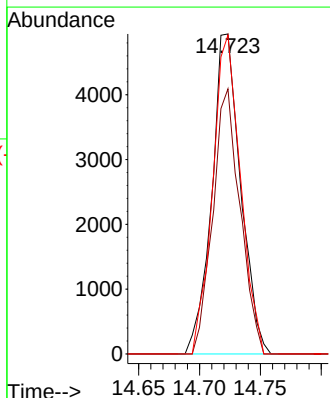
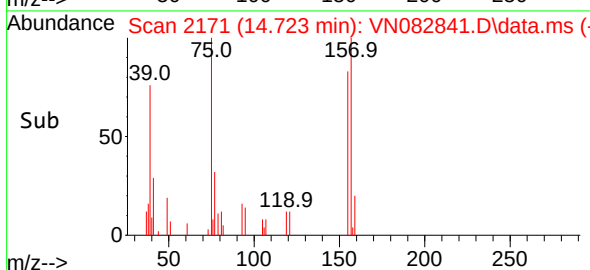
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

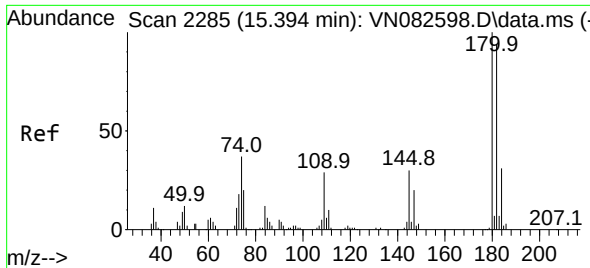


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.388 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56



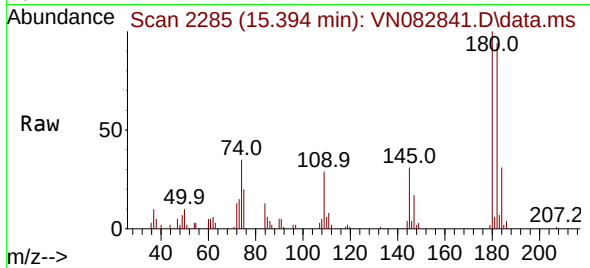
Tgt Ion: 75 Resp: 8151
Ion Ratio Lower Upper
75 100
155 78.3 36.6 109.8
157 95.8 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 16.416 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

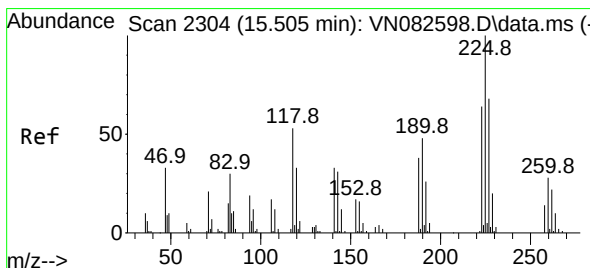
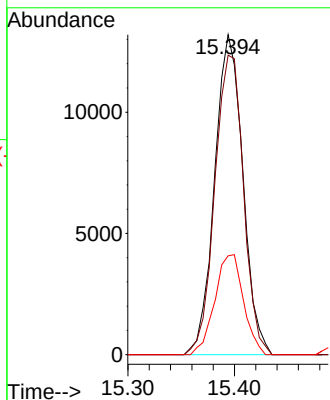
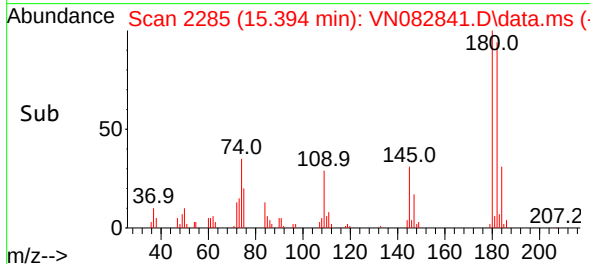
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02



Tgt Ion:180 Resp: 2427
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.8
145 31.8 15.7 47.1

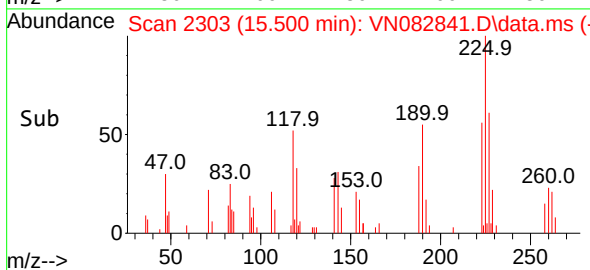
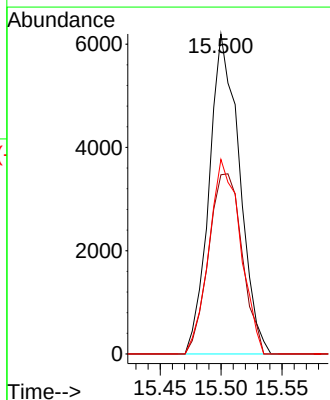
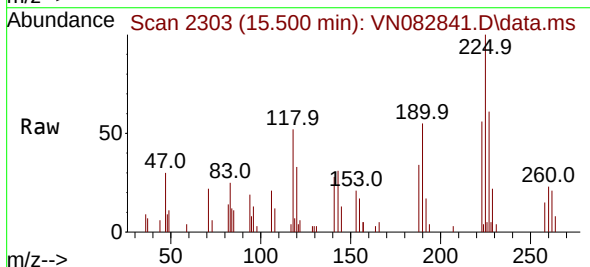
Manual Integrations
APPROVED

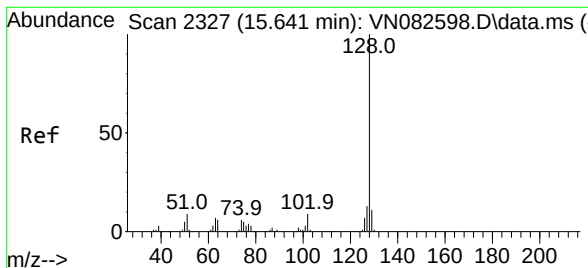
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#94
Hexachlorobutadiene
Concen: 16.347 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.005 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

Tgt Ion:225 Resp: 10717
Ion Ratio Lower Upper
225 100
223 62.4 31.9 95.7
227 63.2 32.5 97.5





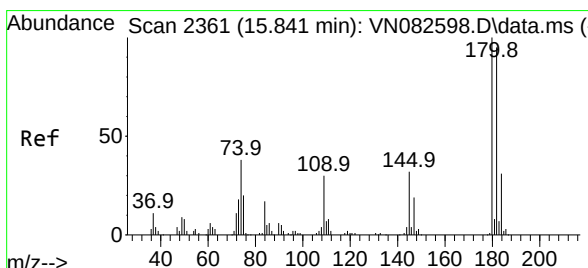
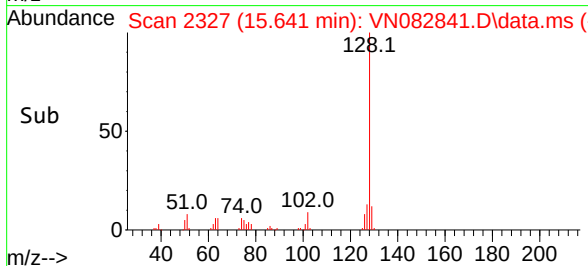
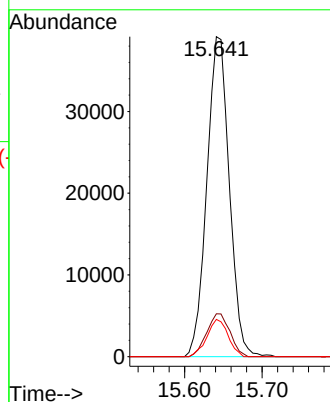
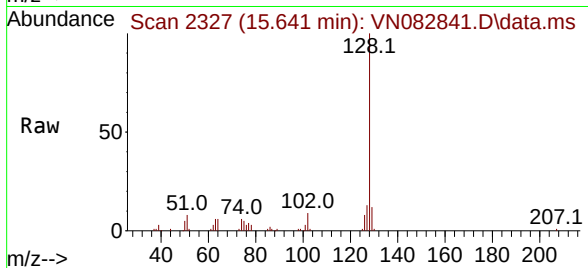
#95
Naphthalene
Concen: 15.562 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBSD02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.6	16.0
129	11.0	8.6	12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#96
1,2,3-Trichlorobenzene
Concen: 16.484 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082841.D
Acq: 09 Jul 2024 15:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	48.9	146.8
145	33.3	16.8	50.4

