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 Data File : VN082562.D
 Acq On : 13 Jun 2024 16:20
 Operator : JC\MD
 Sample : P2853-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 10

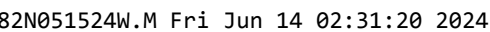
Quant Time: Jun 14 02:31:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

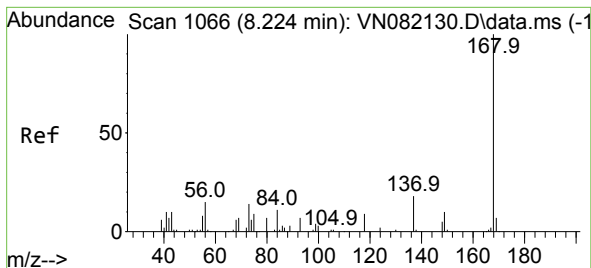
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	160163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	310052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	311818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	133716	52.873	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.740%	
35) Dibromofluoromethane	8.171	113	97354	51.043	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.080%	
50) Toluene-d8	10.571	98	381411	52.159	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.320%	
62) 4-Bromofluorobenzene	12.853	95	124136	47.562	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 95.120%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	447	0.316	ug/l #	77
11) Tert butyl alcohol	5.530	59	2020	4.976	ug/l #	71
16) Acetone	4.436	43	21809	21.022	ug/l	99
18) Methyl Acetate	5.018	43	1927	0.746	ug/l	93
20) Methylene Chloride	5.283	84	12660	6.048	ug/l #	83
25) 2-Butanone	7.483	43	11540	7.337	ug/l #	68
29) Tetrahydrofuran	7.847	42	761	0.754	ug/l #	29
31) Cyclohexane	8.224	56	4658	1.153	ug/l #	56
36) 1,1-Dichloropropene	8.230	75	15745	4.922	ug/l #	49
37) Ethyl Acetate	7.565	43	4762	1.330	ug/l #	77
38) Carbon Tetrachloride	8.230	117	17999	5.551	ug/l #	16
42) 1,2-Dichloroethane	8.677	62	1092	0.298	ug/l #	73
43) Isopropyl Acetate	8.688	43	294761	46.468	ug/l #	71
45) 1,2-Dichloropropane	9.741	63	2031	0.825	ug/l #	45
48) Methyl methacrylate	9.671	41	5799	1.919	ug/l #	40
51) 4-Methyl-2-Pentanone	10.359	43	133317	36.991	ug/l #	44
52) Toluene	10.635	92	1354	0.237	ug/l	88
53) t-1,3-Dichloropropene	10.724	75	994	0.282	ug/l #	75
54) cis-1,3-Dichloropropene	10.359	75	50316	13.474	ug/l #	76
56) Ethyl methacrylate	10.988	69	2108	0.597	ug/l #	1
57) 1,3-Dichloropropane	11.212	76	6251	1.607	ug/l #	42
59) 2-Hexanone	11.171	43	150989	57.216	ug/l #	23
71) Bromoform	12.847	173	633	1.047	ug/l #	1
74) N-amyl acetate	12.465	43	4060	0.727	ug/l #	39
76) 1,2,3-Trichloropropane	12.853	75	71685	26.646	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	71685	62.323	ug/l #	13

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Jun 14 02:31:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

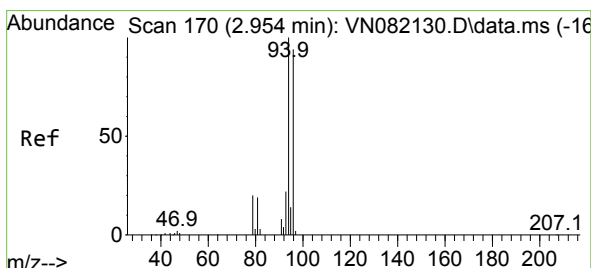
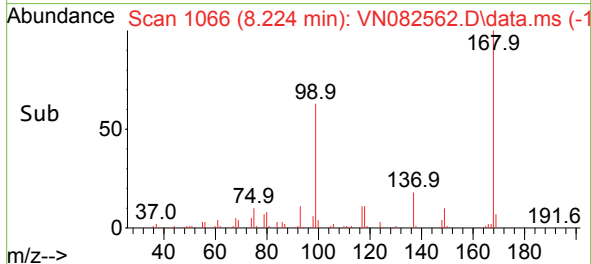
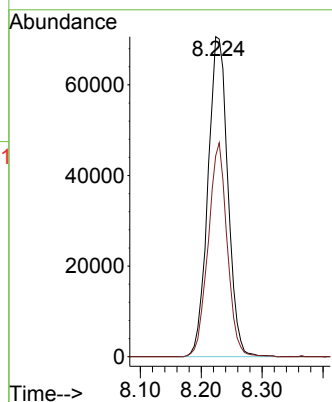
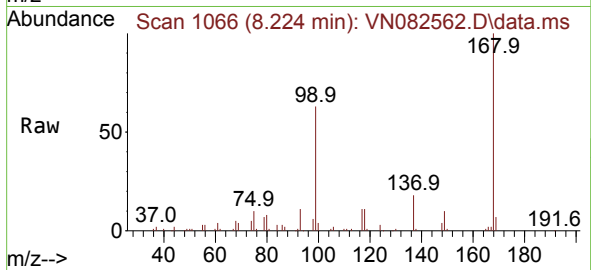




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

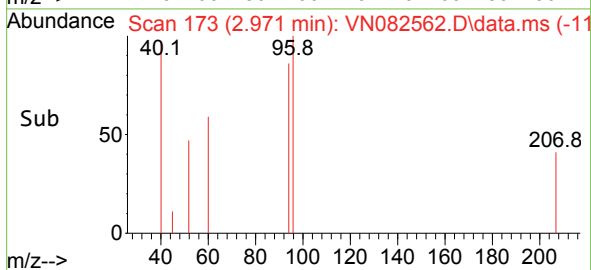
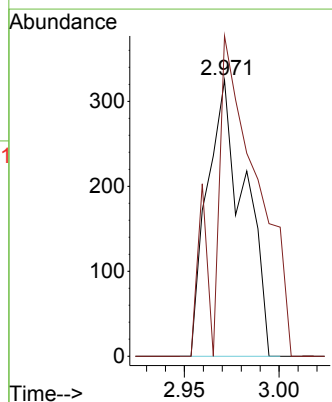
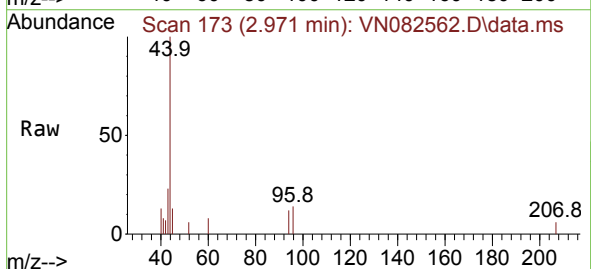
Instrument :
MSVOA_N
ClientSampleId :
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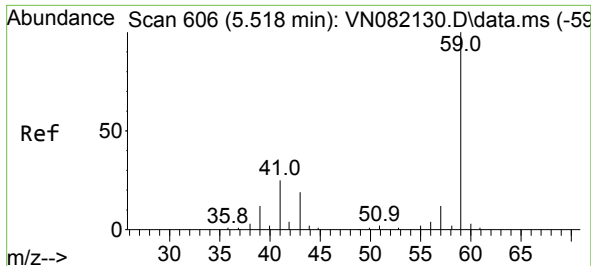
Tgt Ion:168 Resp: 160163
Ion Ratio Lower Upper
168 100
99 62.8 48.2 72.4



#5
Bromomethane
Concen: 0.316 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.018 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

Tgt Ion: 94 Resp: 447
Ion Ratio Lower Upper
94 100
96 116.0 74.8 112.2#

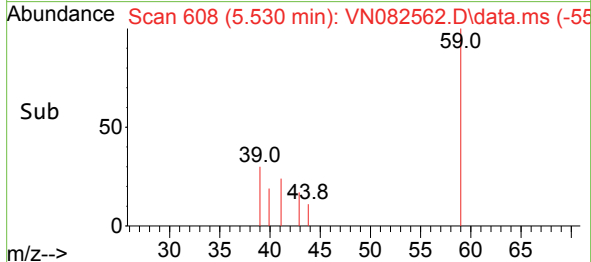
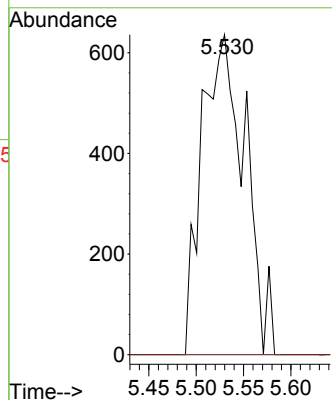
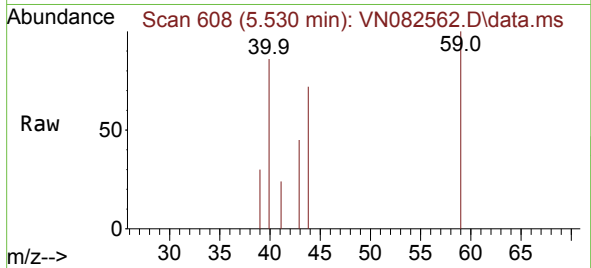




#11
Tert butyl alcohol
Concen: 4.976 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

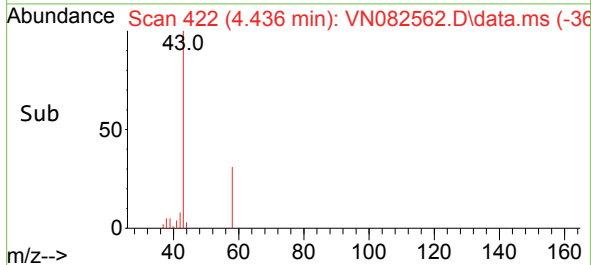
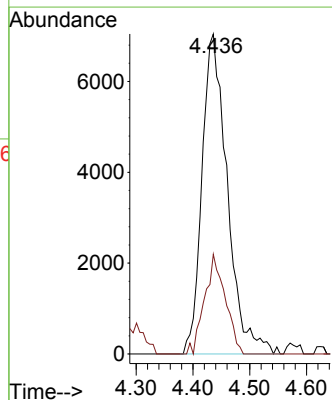
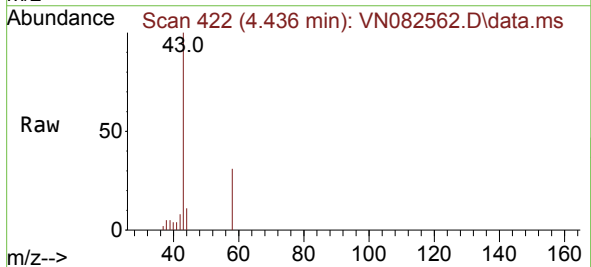
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 59 Resp: 2020
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#16
Acetone
Concen: 21.022 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

Tgt Ion: 43 Resp: 21809
Ion Ratio Lower Upper
43 100
58 31.2 25.2 37.8

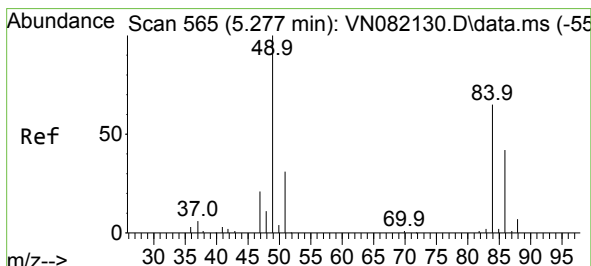
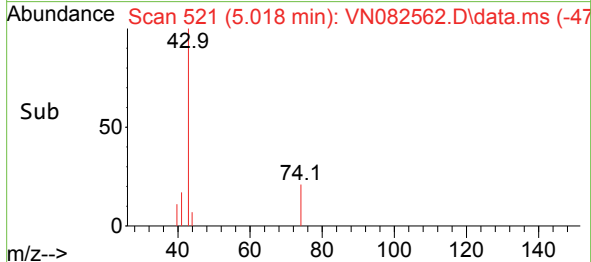
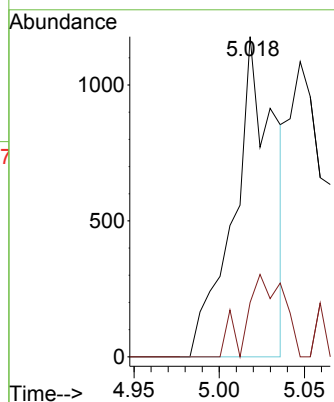
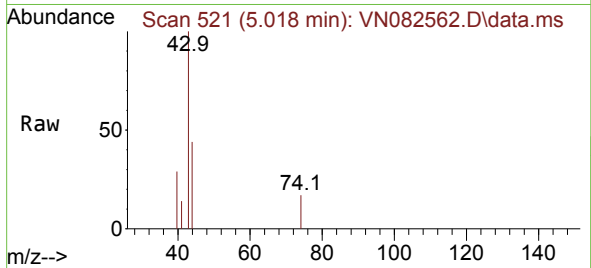




#18
Methyl Acetate
Concen: 0.746 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

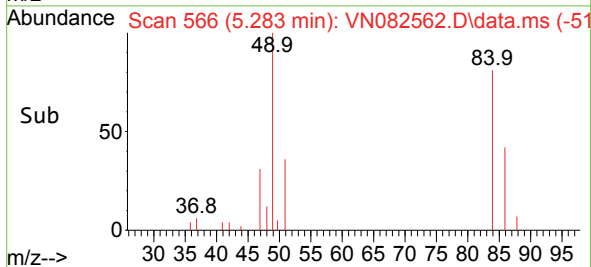
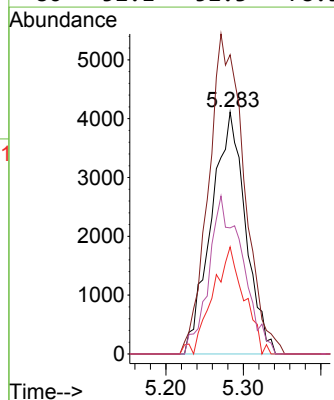
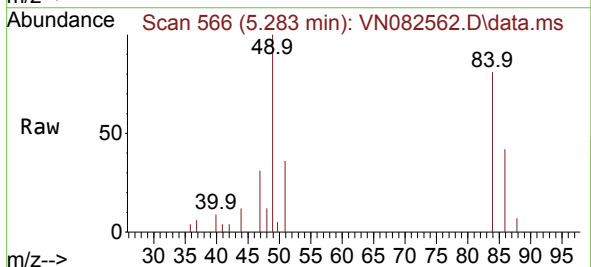
Instrument :
MSVOA_N
ClientSampleId :
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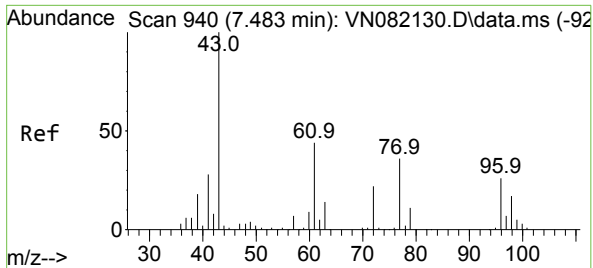
Tgt Ion: 43 Resp: 1927
Ion Ratio Lower Upper
43 100
74 24.2 22.2 33.2



#20
Methylene Chloride
Concen: 6.048 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

Tgt Ion: 84 Resp: 12660
Ion Ratio Lower Upper
84 100
49 123.7 84.9 127.3
51 44.2 27.0 40.6#
86 52.1 52.3 78.5#

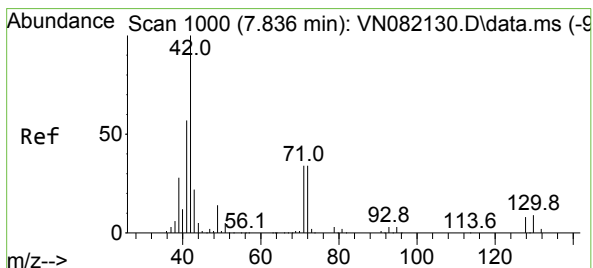
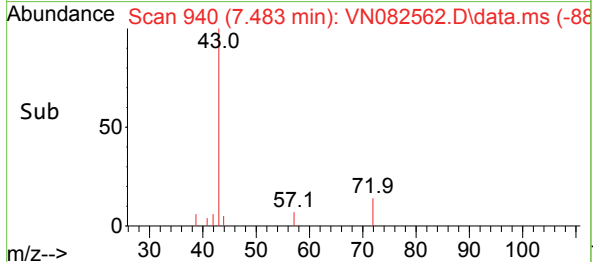
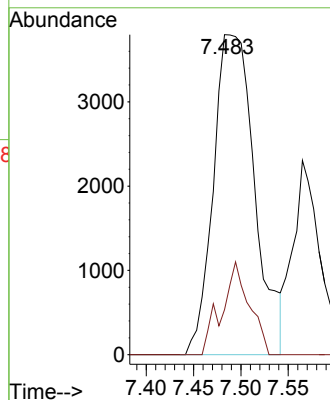
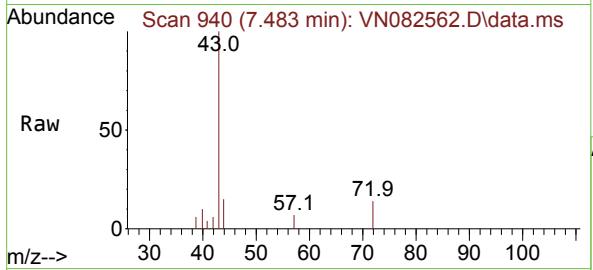




#25
2-Butanone
Concen: 7.337 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

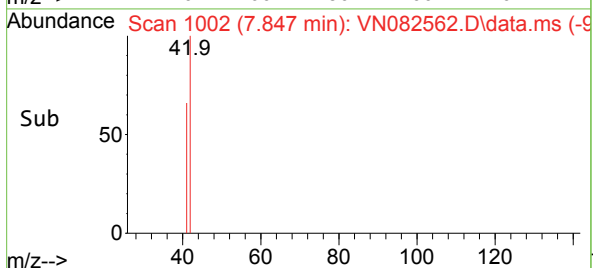
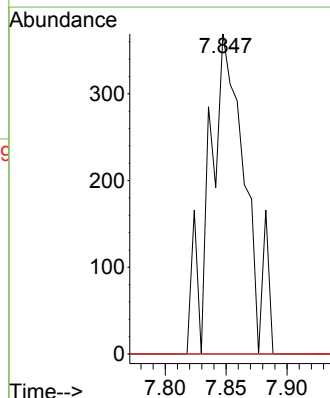
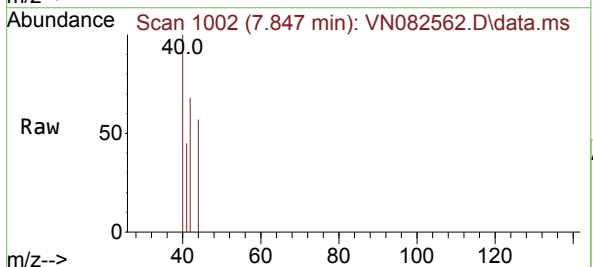
Instrument :
MSVOA_N
ClientSampleId :
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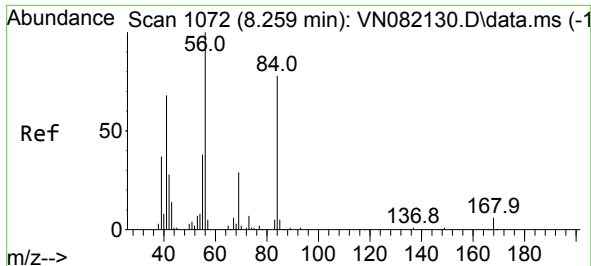
Tgt Ion: 43 Resp: 11540
Ion Ratio Lower Upper
43 100
72 14.0 25.3 37.9#



#29
Tetrahydrofuran
Concen: 0.754 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.011 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

Tgt Ion: 42 Resp: 761
Ion Ratio Lower Upper
42 100
72 0.0 39.3 58.9#
71 0.0 37.4 56.0#

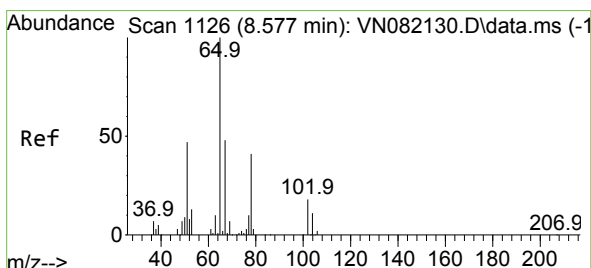
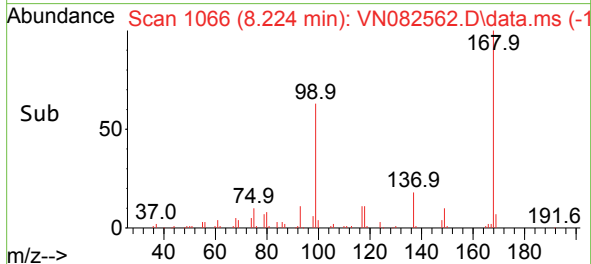
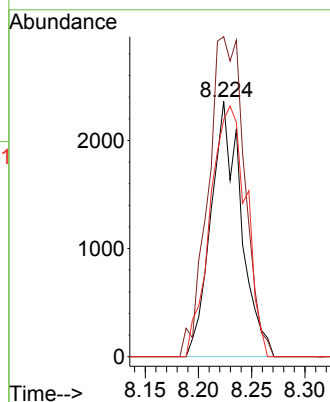
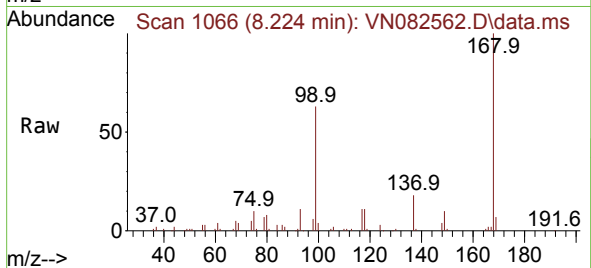




#31
Cyclohexane
Concen: 1.153 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.035 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

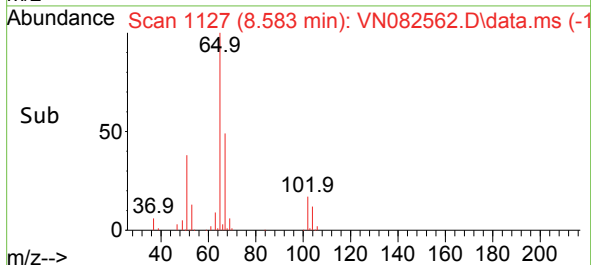
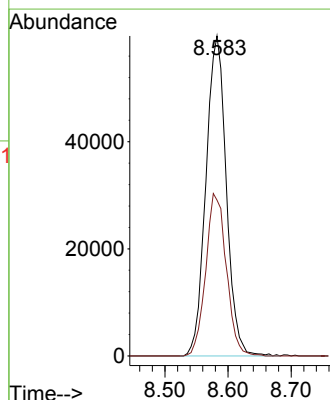
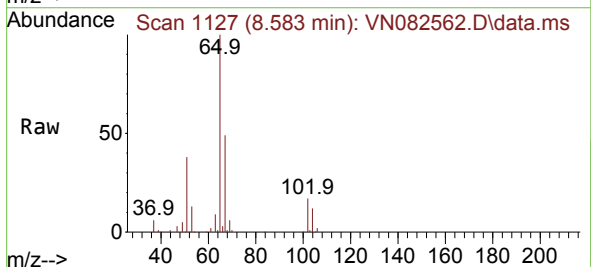
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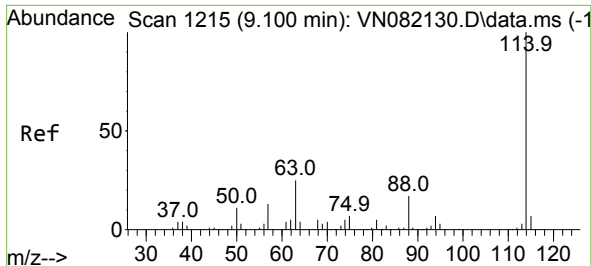
Tgt Ion: 56 Resp: 4658
Ion Ratio Lower Upper
56 100
69 125.3 24.4 36.6#
84 92.9 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 52.873 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

Tgt Ion: 65 Resp: 133716
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0

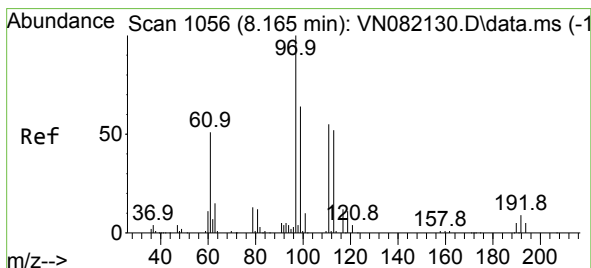
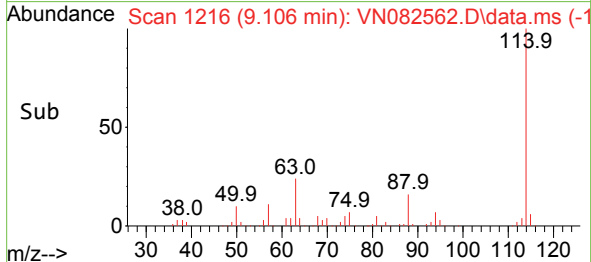
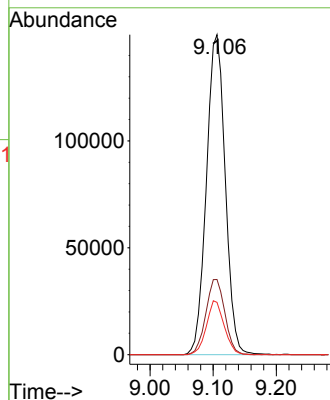
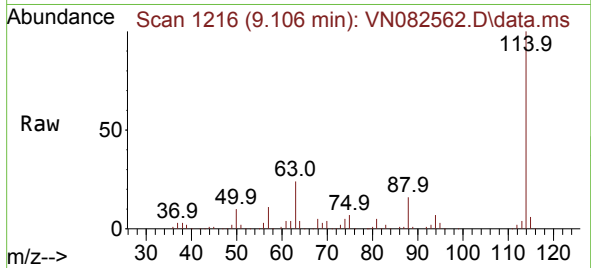




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

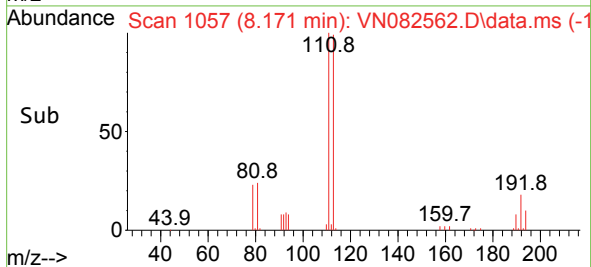
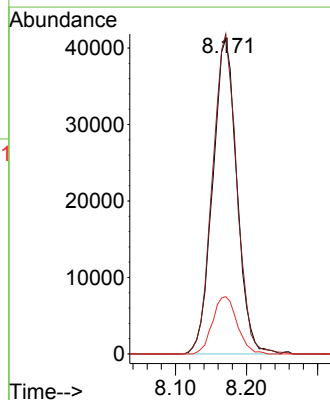
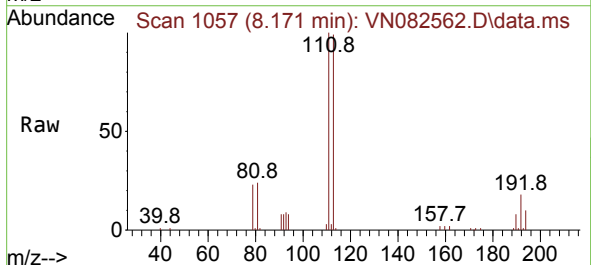
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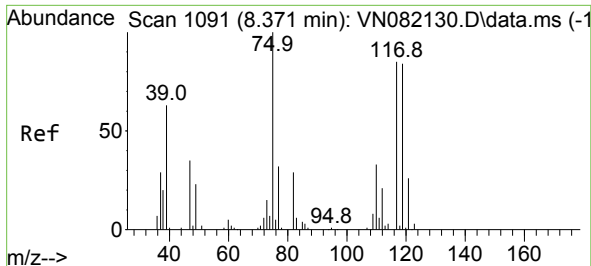
Tgt Ion:114 Resp: 310052
Ion Ratio Lower Upper
114 100
63 23.5 0.0 41.0
88 16.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.043 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

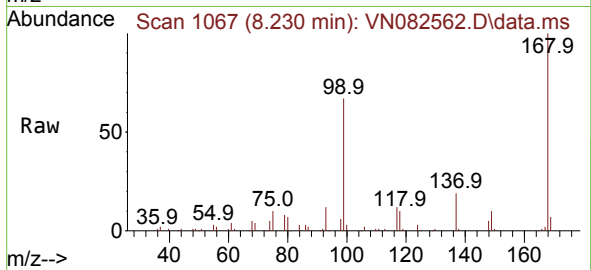
Tgt Ion:113 Resp: 97354
Ion Ratio Lower Upper
113 100
111 102.1 83.4 125.2
192 18.5 14.0 21.0



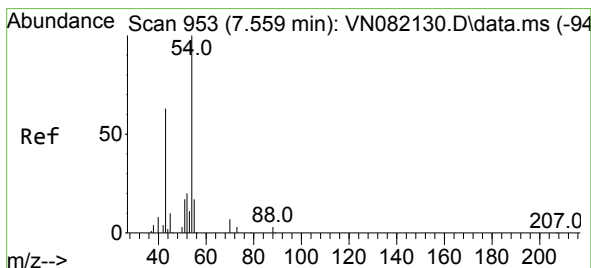
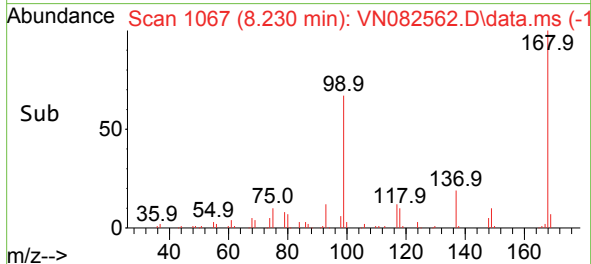
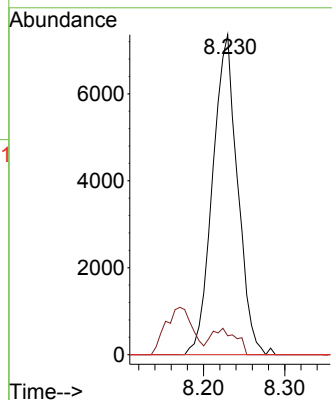


#36
1,1-Dichloropropene
Concen: 4.922 ug/l
RT: 8.230 min Scan# 1091
Delta R.T. -0.141 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

Instrument :
MSVOA_N
ClientSampleId :
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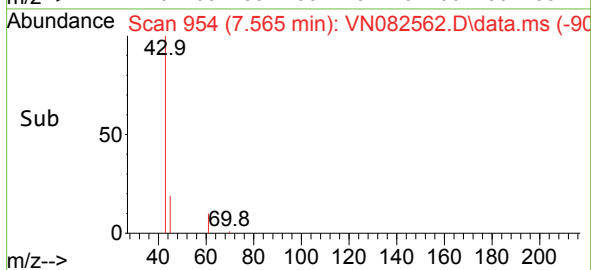
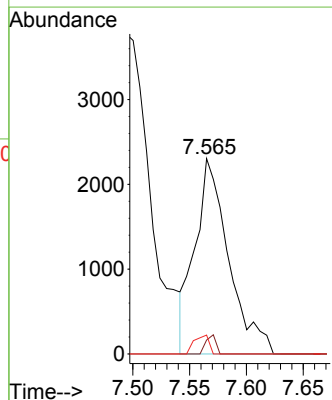
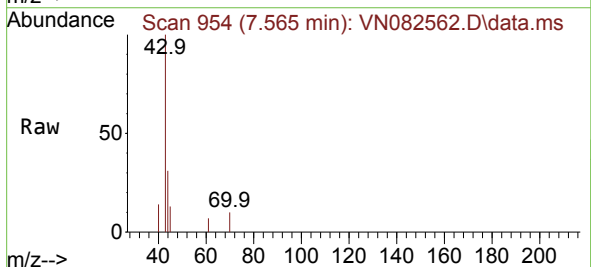


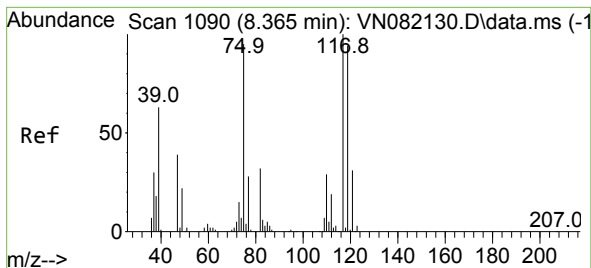
Tgt Ion: 75 Resp: 15745
Ion Ratio Lower Upper
75 100
110 8.2 17.8 53.5#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.330 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

Tgt Ion: 43 Resp: 4762
Ion Ratio Lower Upper
43 100
61 2.9 11.3 16.9#
70 4.2 8.7 13.1#





#38

Carbon Tetrachloride

Concen: 5.551 ug/l

RT: 8.230 min Scan# 110

Delta R.T. -0.135 min

Lab File: VN082562.D

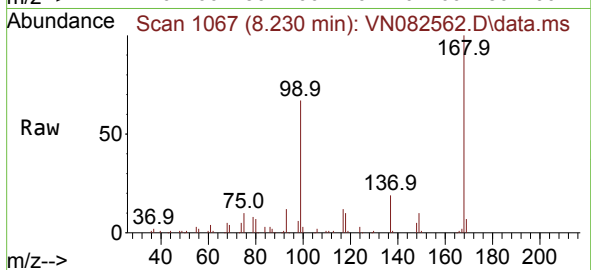
Acq: 13 Jun 2024 16:20

Instrument :

MSVOA_N

ClientSampleId :

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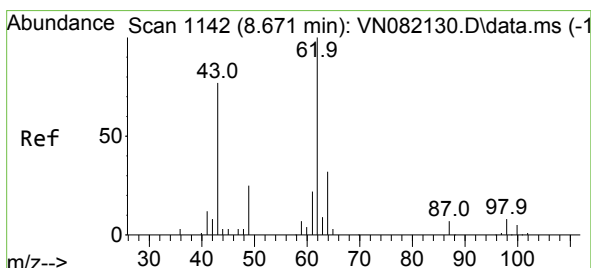
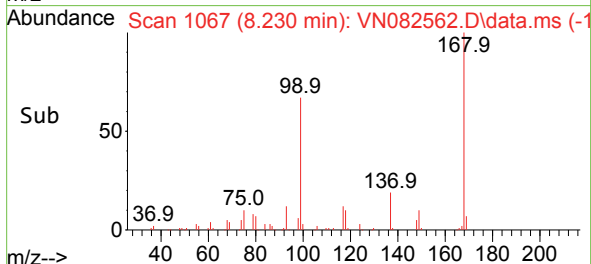
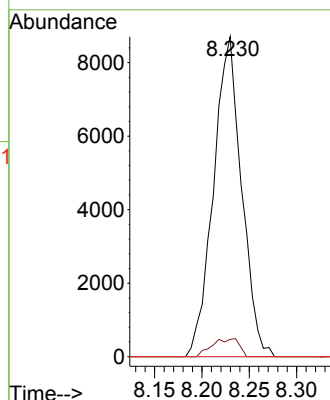
Tgt Ion:117 Resp: 17999

Ion Ratio Lower Upper

117 100

119 5.4 76.5 114.7#

121 0.0 23.9 35.9#



#42

1,2-Dichloroethane

Concen: 0.298 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN082562.D

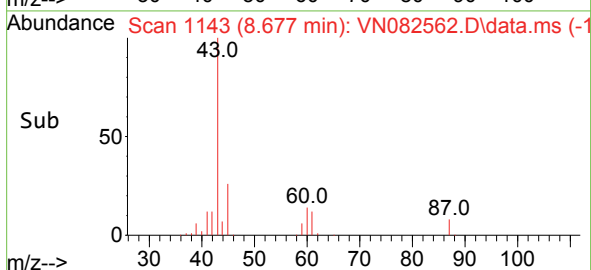
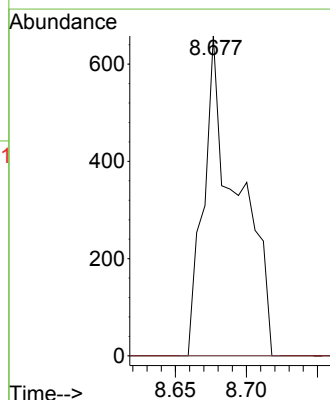
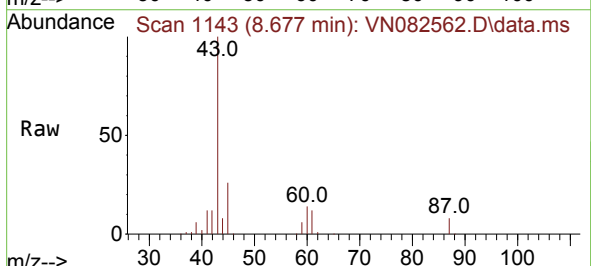
Acq: 13 Jun 2024 16:20

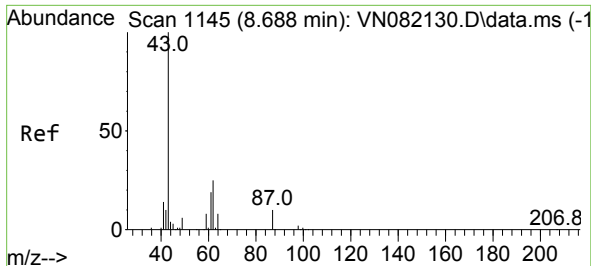
Tgt Ion: 62 Resp: 1092

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.6

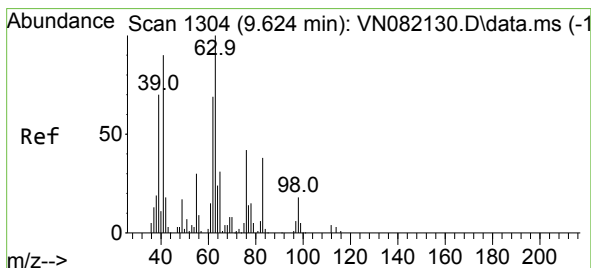
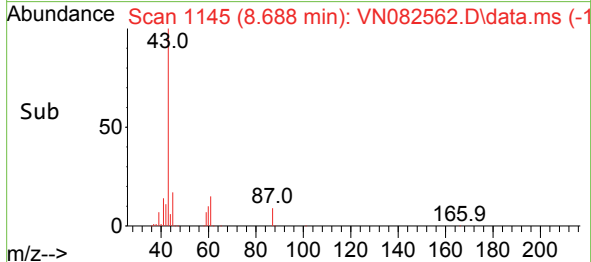
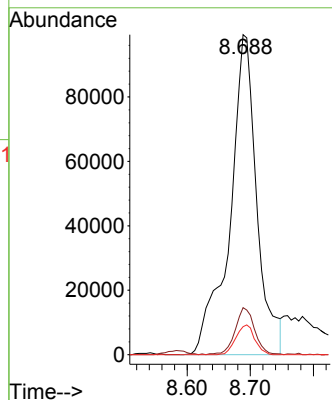
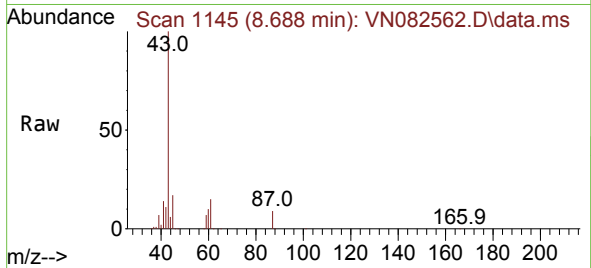




#43
Isopropyl Acetate
Concen: 46.468 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

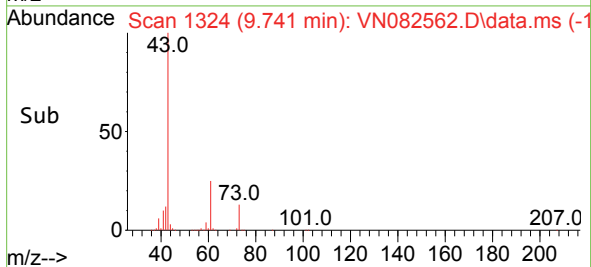
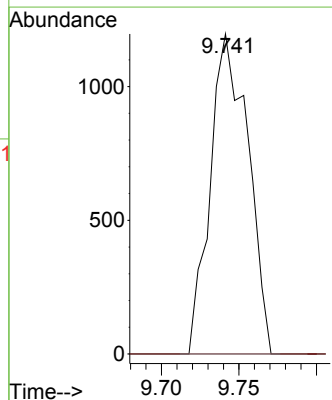
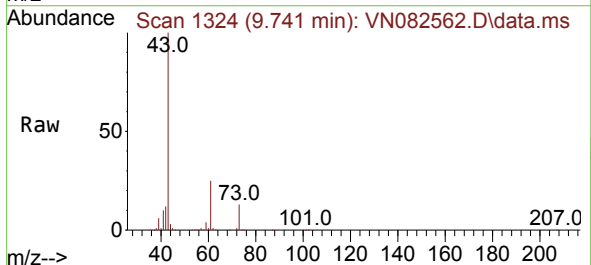
Instrument :
MSVOA_N
ClientSampleId :
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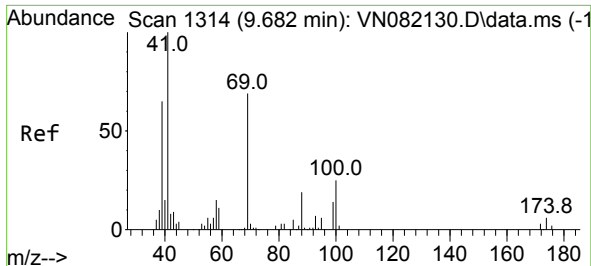
Tgt Ion: 43 Resp: 294761
Ion Ratio Lower Upper
43 100
61 10.7 22.8 34.2#
87 6.5 12.0 18.0#



#45
1,2-Dichloropropane
Concen: 0.825 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.118 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

Tgt Ion: 63 Resp: 2031
Ion Ratio Lower Upper
63 100
65 0.0 24.1 36.1#

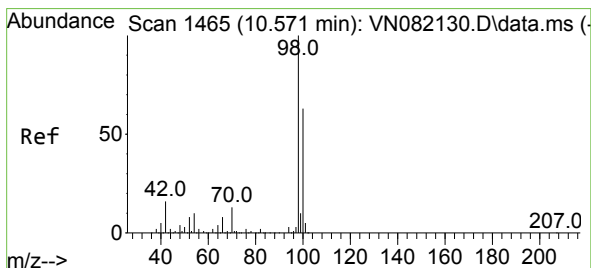
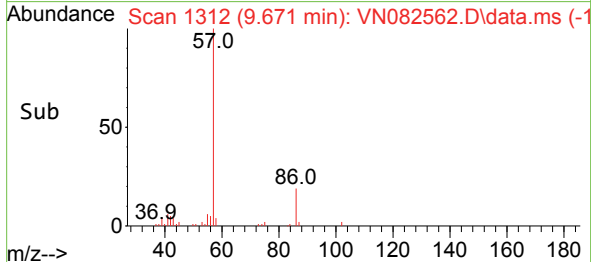
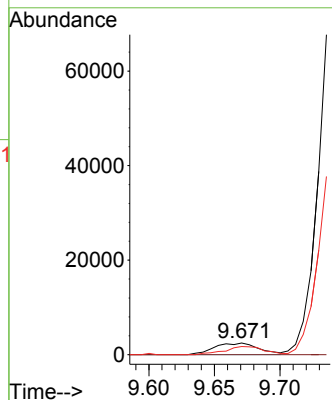
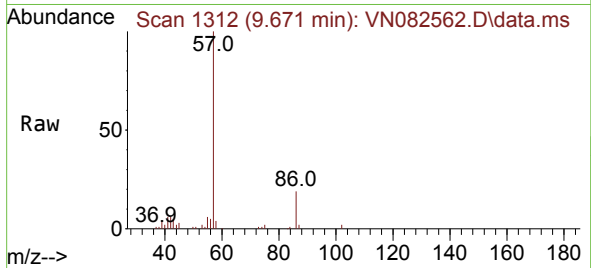




#48
Methyl methacrylate
Concen: 1.919 ug/l
RT: 9.671 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

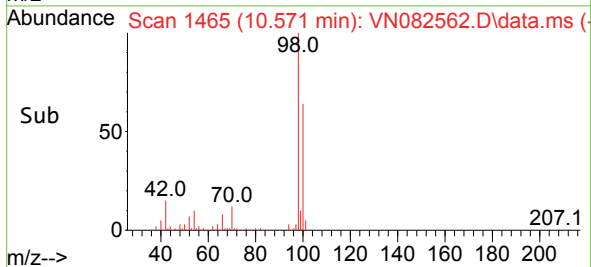
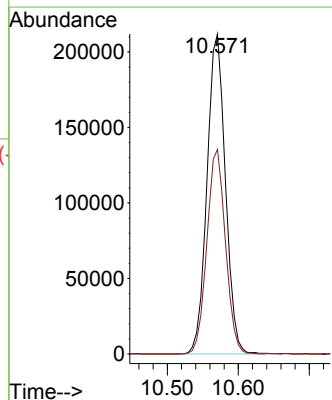
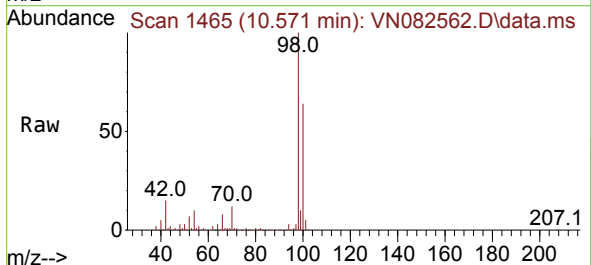
Instrument :
MSVOA_N
ClientSampleId :
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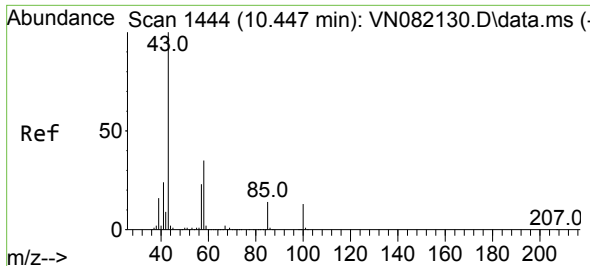
Tgt Ion: 41 Resp: 5799
Ion Ratio Lower Upper
41 100
69 0.0 77.9 116.9#
39 63.6 50.9 76.3



#50
Toluene-d8
Concen: 52.159 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

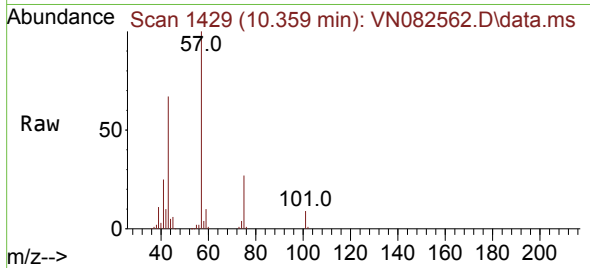
Tgt Ion: 98 Resp: 381411
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



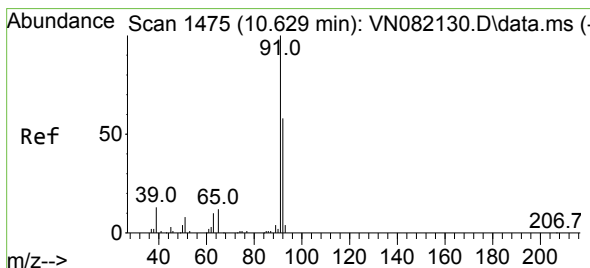
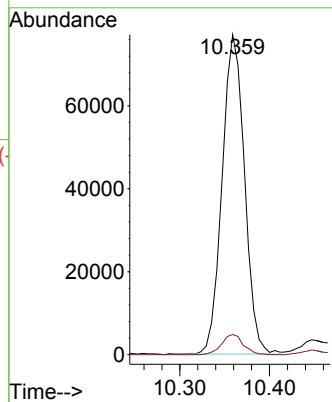
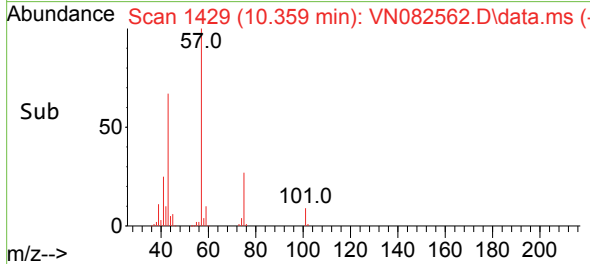


#51
4-Methyl-2-Pentanone
Concen: 36.991 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. -0.088 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

Instrument :
MSVOA_N
ClientSampleId :
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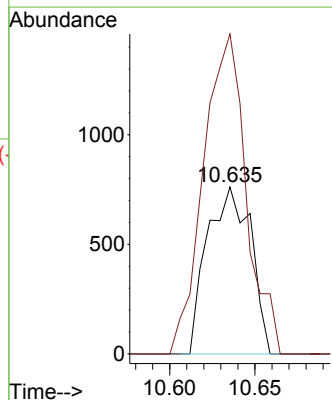
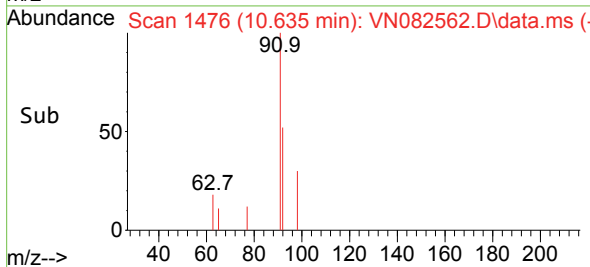
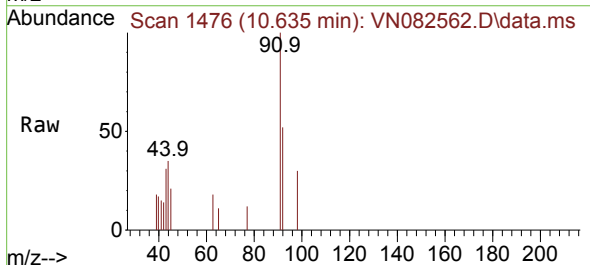


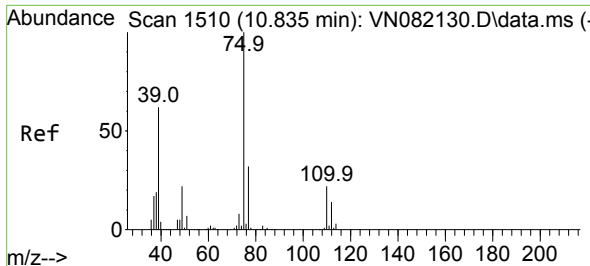
Tgt Ion: 43 Resp: 133317
Ion Ratio Lower Upper
43 100
58 6.1 33.2 49.8#



#52
Toluene
Concen: 0.237 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

Tgt Ion: 92 Resp: 1354
Ion Ratio Lower Upper
92 100
91 188.0 136.7 205.1

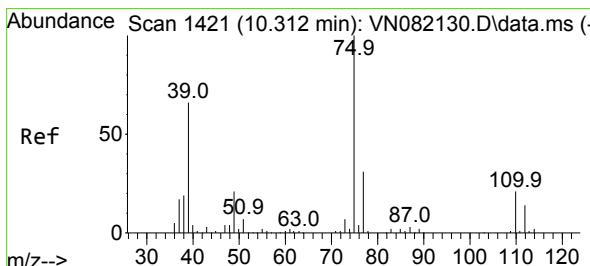
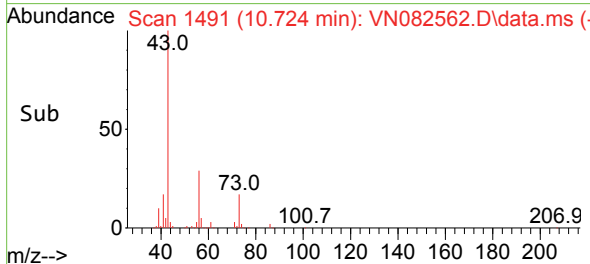
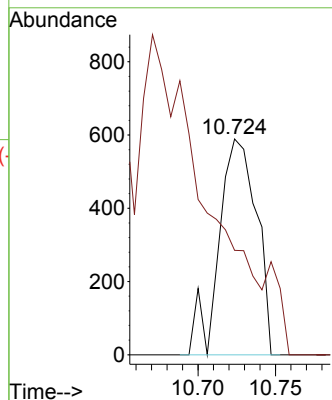
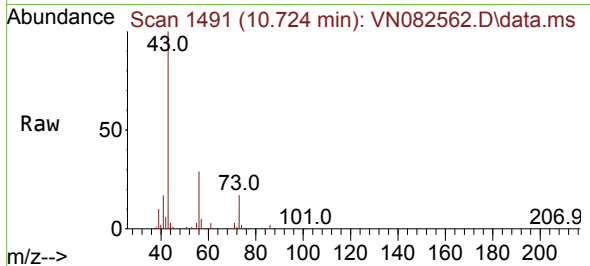




#53
t-1,3-Dichloropropene
Concen: 0.282 ug/l
RT: 10.724 min Scan# 1491
Delta R.T. -0.112 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

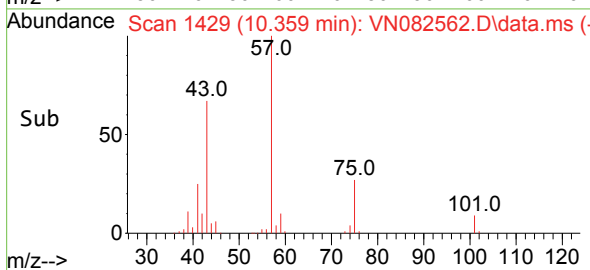
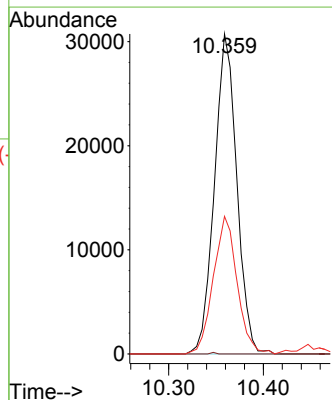
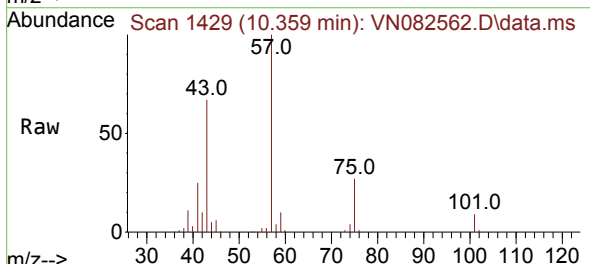
Instrument :
MSVOA_N
ClientSampleId :
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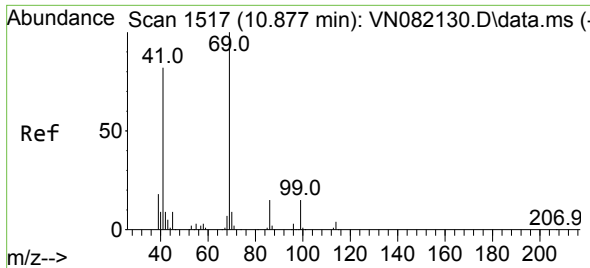
Tgt Ion: 75 Resp: 994
Ion Ratio Lower Upper
75 100
77 17.7 25.4 38.0#



#54
cis-1,3-Dichloropropene
Concen: 13.474 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

Tgt Ion: 75 Resp: 50316
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.4#
39 43.0 34.8 52.2

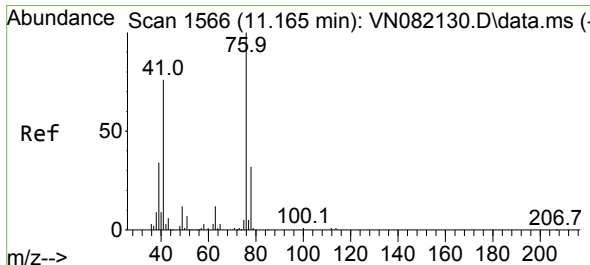
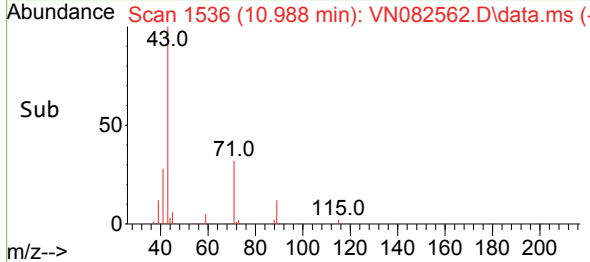
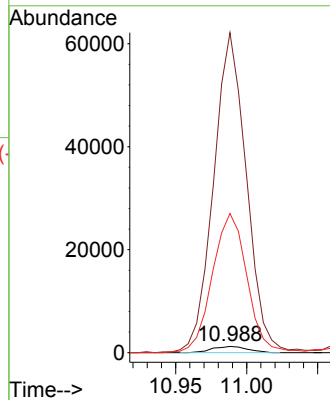
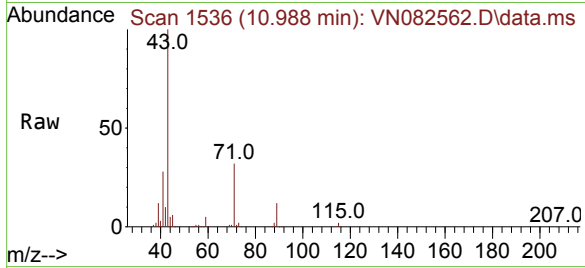




#56
Ethyl methacrylate
Concen: 0.597 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. 0.112 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

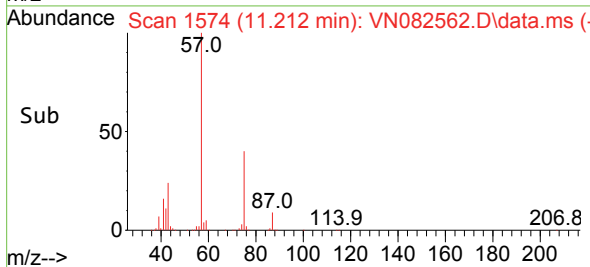
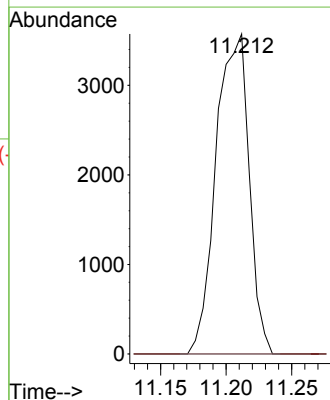
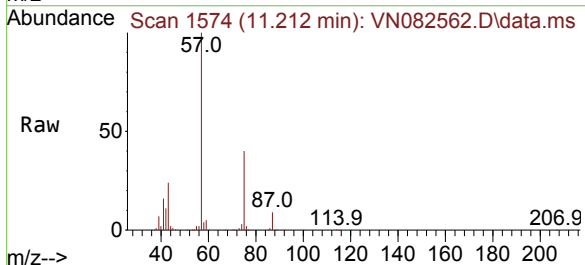
Instrument :
MSVOA_N
ClientSampleId :
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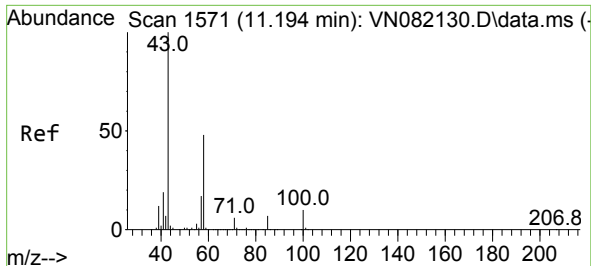
Tgt Ion: 69 Resp: 2108
Ion Ratio Lower Upper
69 100
41 4749.6 46.6 70.0#
39 2180.1 26.5 39.7#



#57
1,3-Dichloropropane
Concen: 1.607 ug/l
RT: 11.212 min Scan# 1574
Delta R.T. 0.047 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

Tgt Ion: 76 Resp: 6251
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#

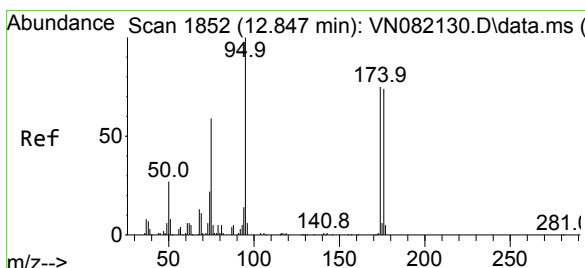
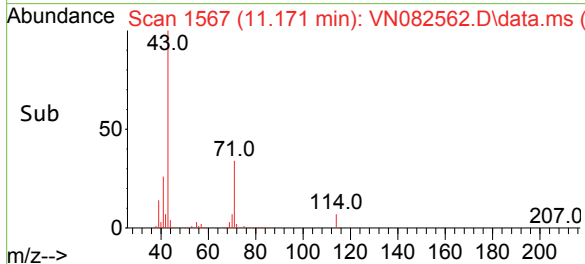
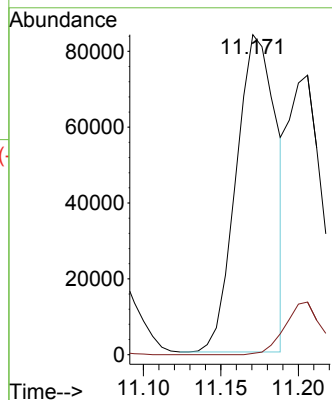
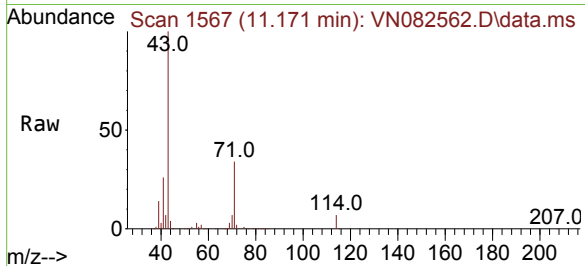




#59
2-Hexanone
Concen: 57.216 ug/l
RT: 11.171 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

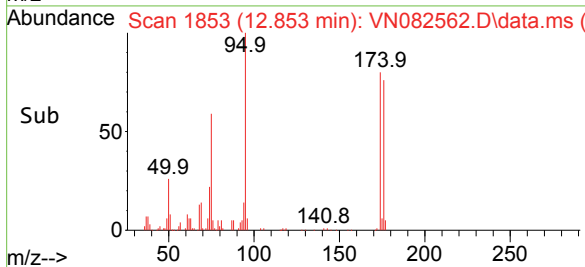
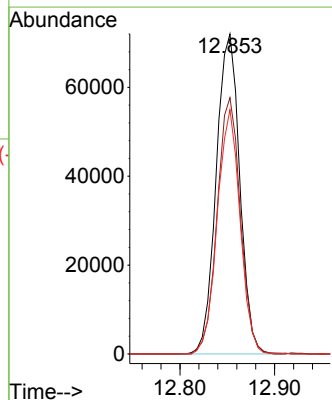
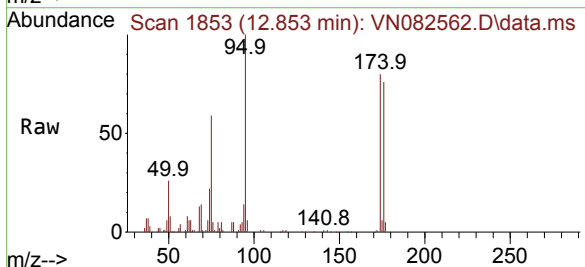
Instrument :
MSVOA_N
ClientSampleId :
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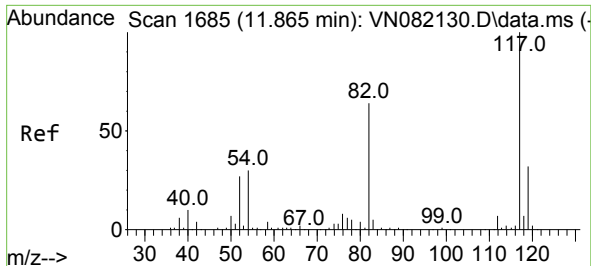
Tgt Ion: 43 Resp: 150989
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 47.562 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

Tgt Ion: 95 Resp: 124136
Ion Ratio Lower Upper
95 100
174 79.5 0.0 160.6
176 74.0 0.0 152.8

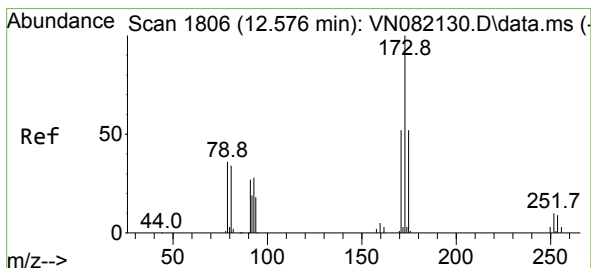
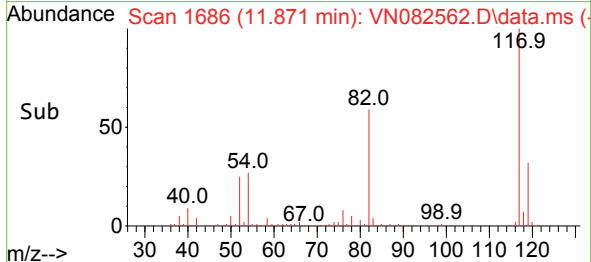
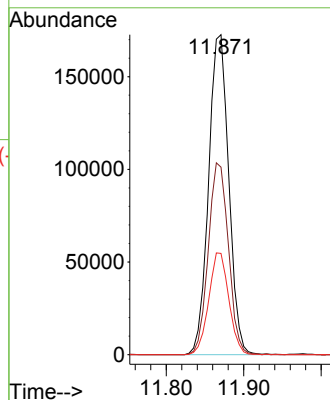
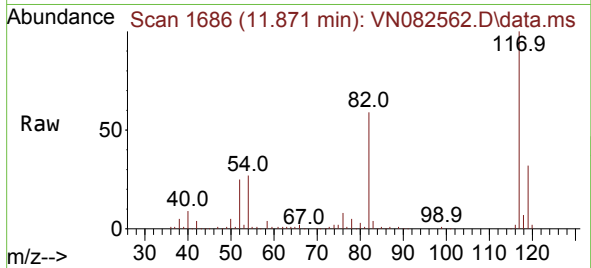




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

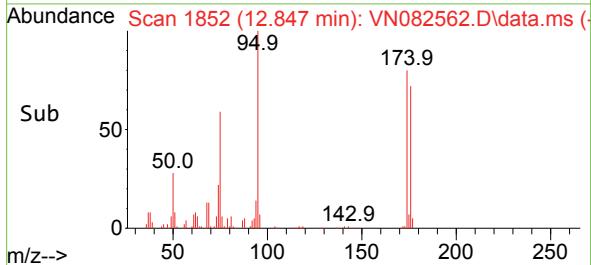
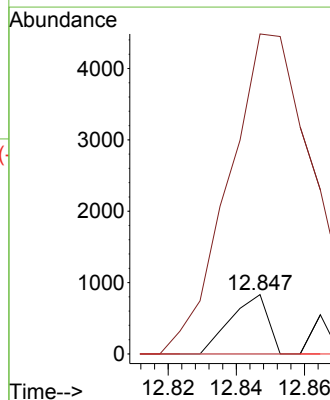
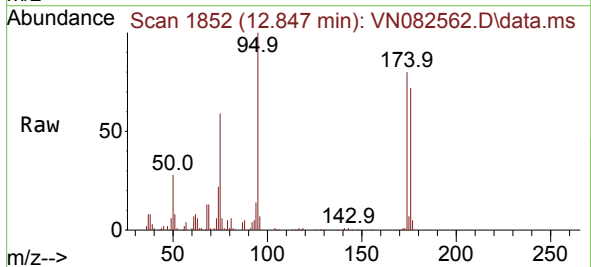
Instrument :
MSVOA_N
ClientSampleId :
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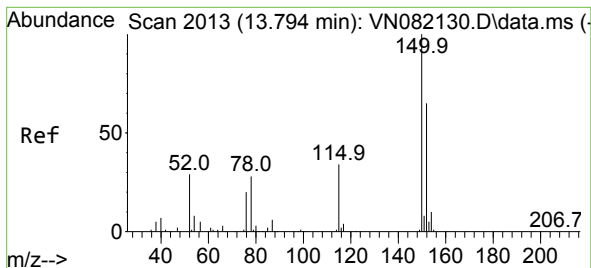
Tgt Ion:117 Resp: 311818
Ion Ratio Lower Upper
117 100
82 58.6 44.6 66.8
119 31.7 25.9 38.9



#71
Bromoform
Concen: 1.047 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

Tgt Ion:173 Resp: 633
Ion Ratio Lower Upper
173 100
175 839.5 24.6 74.0#
254 0.0 0.0 0.0

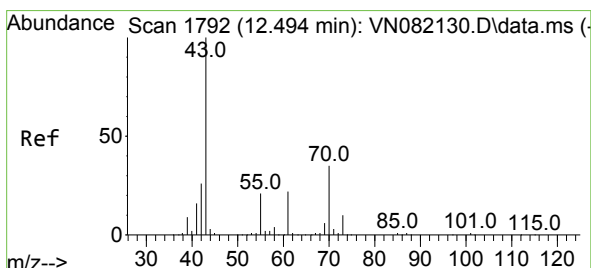
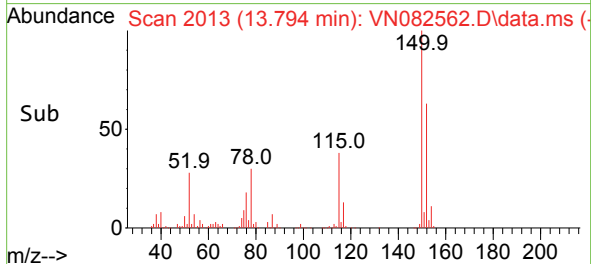
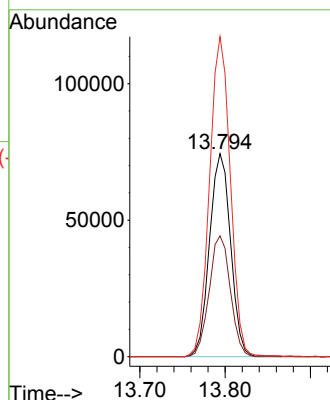
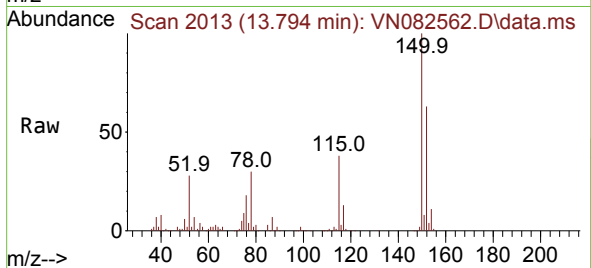




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

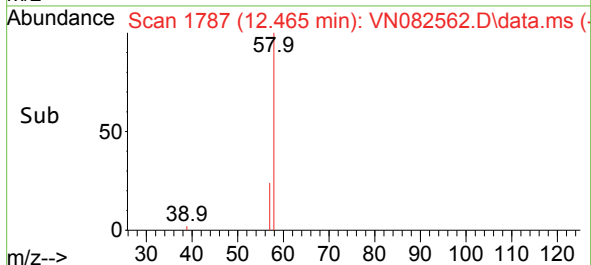
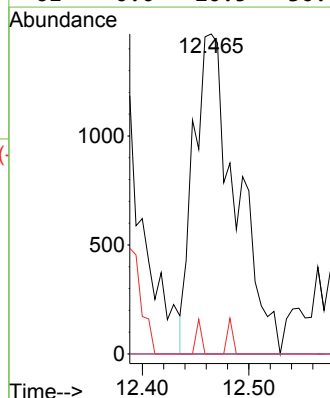
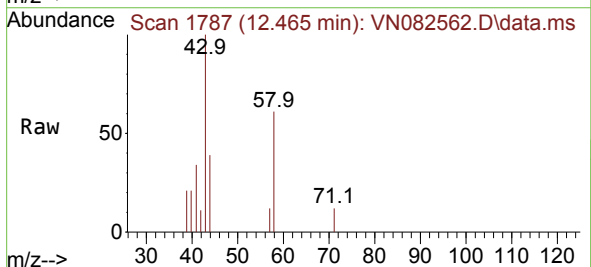
Instrument :
MSVOA_N
ClientSampleId :
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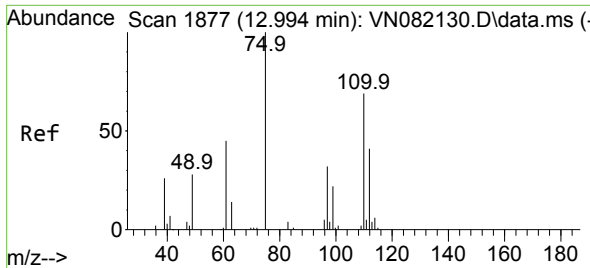
Tgt Ion:152 Resp: 127820
Ion Ratio Lower Upper
152 100
115 59.7 30.4 91.3
150 154.7 0.0 353.2



#74
N-ethyl acetate
Concen: 0.727 ug/l
RT: 12.465 min Scan# 1787
Delta R.T. -0.029 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

Tgt Ion: 43 Resp: 4060
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.4#
55 0.0 21.3 31.9#
61 0.0 20.5 30.7#

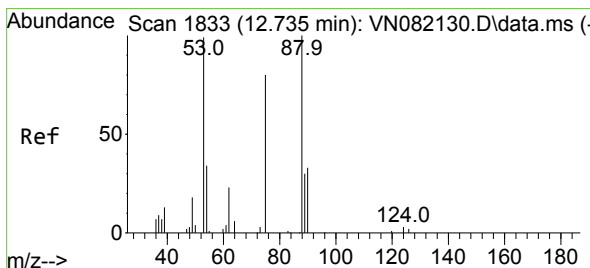
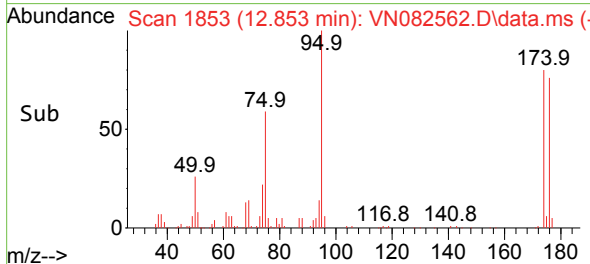
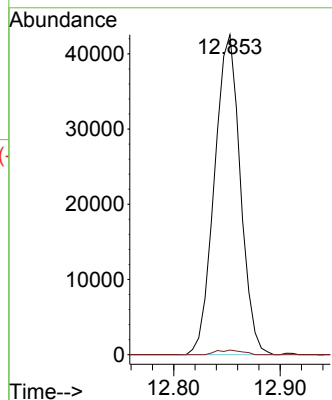
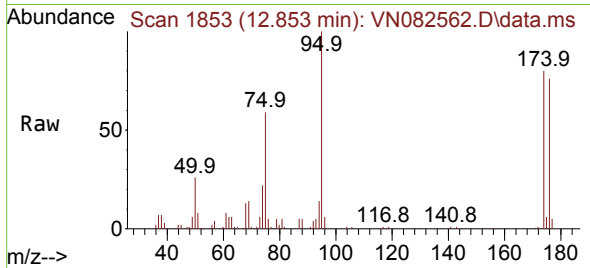




#76
1,2,3-Trichloropropane
Concen: 26.646 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

Instrument :
MSVOA_N
ClientSampleId :
10

Tgt Ion: 75 Resp: 71685
Ion Ratio Lower Upper
75 100
77 1.4 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.323 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082562.D
Acq: 13 Jun 2024 16:20

Tgt Ion: 75 Resp: 71685
Ion Ratio Lower Upper
75 100
53 0.1 72.9 109.3#
89 0.0 39.1 58.7#

