

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070224\
 Data File : VN082789.D
 Acq On : 02 Jul 2024 16:23
 Operator : JC\MD
 Sample : P3106-03 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 03 00:32:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

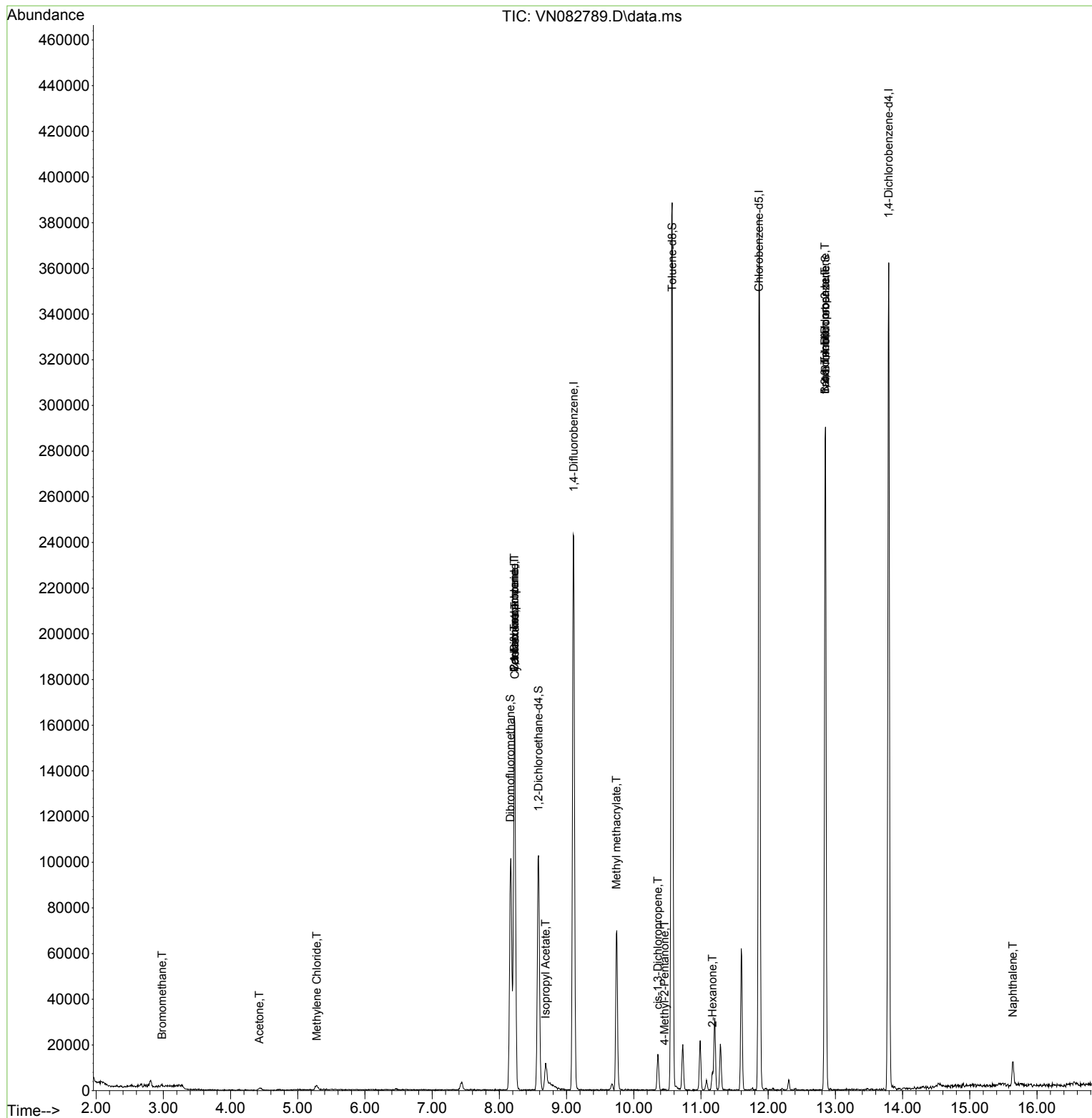
Internal Standards						
1) Pentafluorobenzene	8.224	168	115108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	213493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	211680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	96237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	86639	48.807	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.620%			
35) Dibromofluoromethane	8.165	113	71908	51.157	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.320%			
50) Toluene-d8	10.570	98	273191	51.970	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.940%			
62) 4-Bromofluorobenzene	12.853	95	98488	54.556	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 109.120%			
Target Compounds						Qvalue
5) Bromomethane	2.983	94	492	0.355	ug/l #	76
16) Acetone	4.430	43	1953	2.904	ug/l #	48
20) Methylene Chloride	5.283	84	1525	0.896	ug/l #	66
31) Cyclohexane	8.229	56	2744	1.097	ug/l #	15
36) 1,1-Dichloropropene	8.224	75	10043	4.971	ug/l #	51
38) Carbon Tetrachloride	8.224	117	12422	5.257	ug/l #	18
43) Isopropyl Acetate	8.688	43	15526	3.687	ug/l #	81
48) Methyl methacrylate	9.741	41	7034	4.186	ug/l #	52
51) 4-Methyl-2-Pentanone	10.459	43	516	0.231	ug/l #	39
54) cis-1,3-Dichloropropene	10.359	75	2700	1.136	ug/l #	67
59) 2-Hexanone	11.170	43	6062	3.660	ug/l #	28
71) Bromoform	12.847	173	503	0.390	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	54664	26.041	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	54664	67.912	ug/l #	6
95) Naphthalene	15.641	128	10968	2.133	ug/l	97

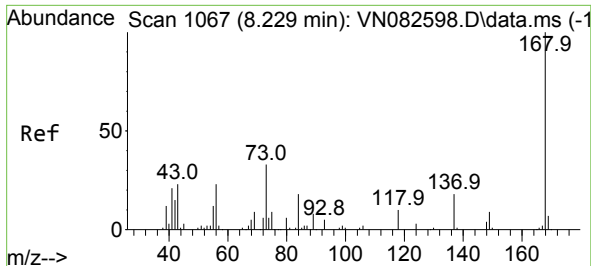
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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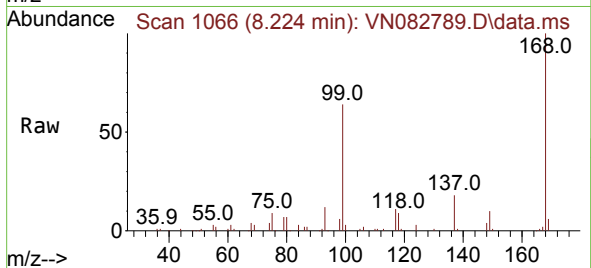
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 06:02:21 2024
Response via : Initial Calibration



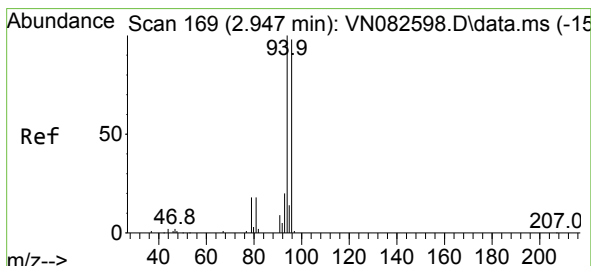
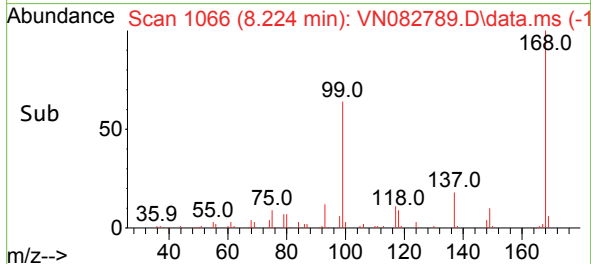
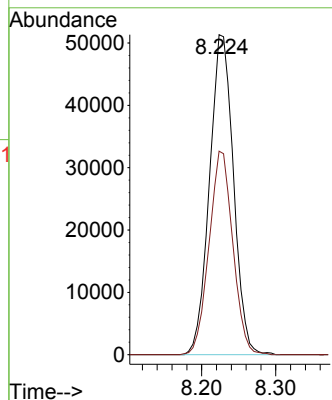


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN082789.D
Acq: 02 Jul 2024 16:23

Instrument :
MSVOA_N
ClientSampleId :

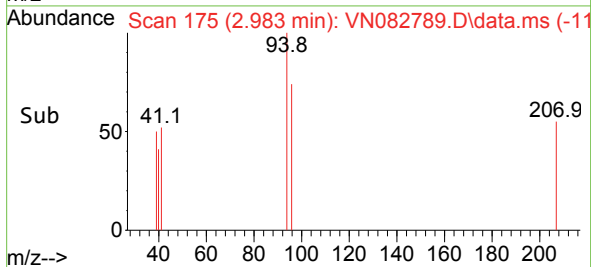
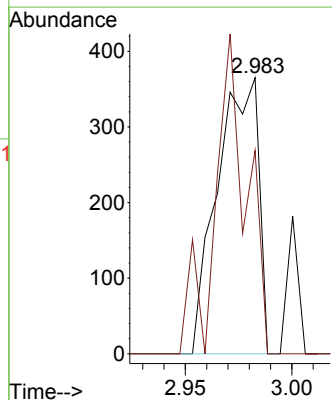
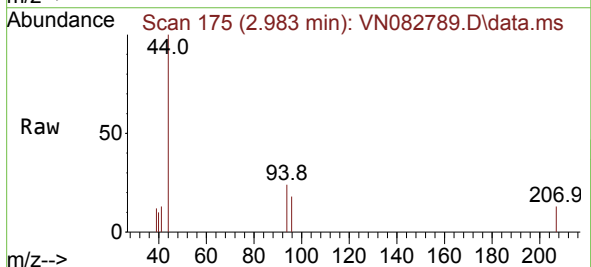


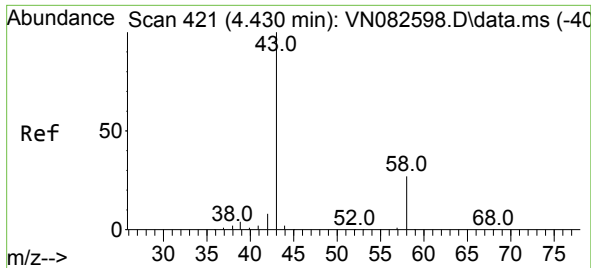
Tgt Ion:168 Resp: 115108
Ion Ratio Lower Upper
168 100
99 63.6 48.2 72.4



#5
Bromomethane
Concen: 0.355 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.036 min
Lab File: VN082789.D
Acq: 02 Jul 2024 16:23

Tgt Ion: 94 Resp: 492
Ion Ratio Lower Upper
94 100
96 73.7 78.0 117.0#

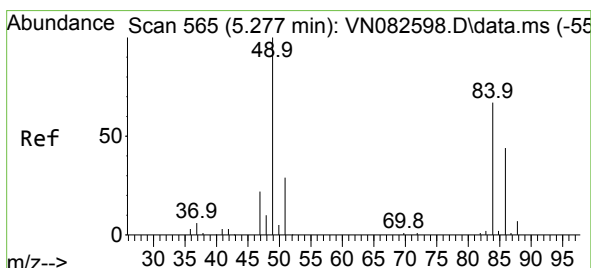
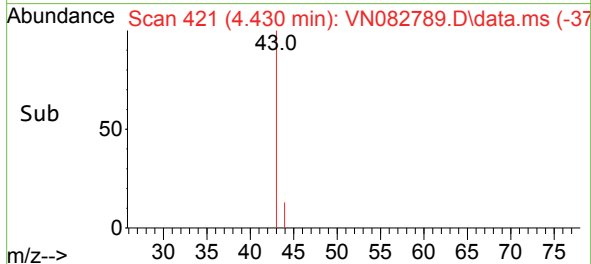
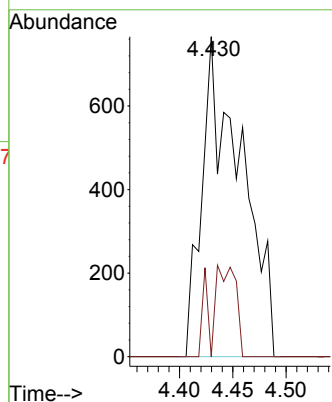
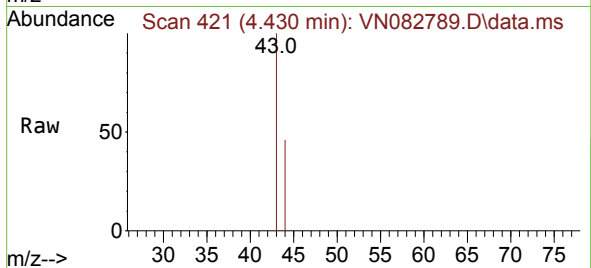




#16
Acetone
Concen: 2.904 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN082789.D
Acq: 02 Jul 2024 16:23

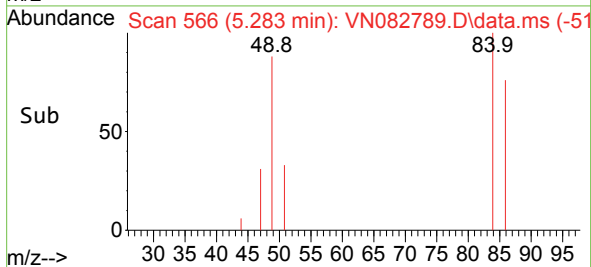
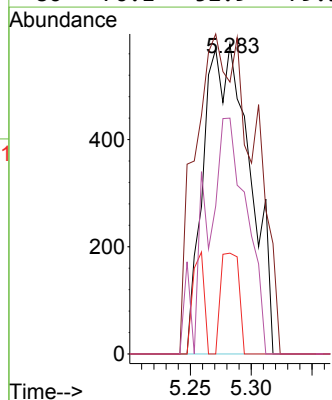
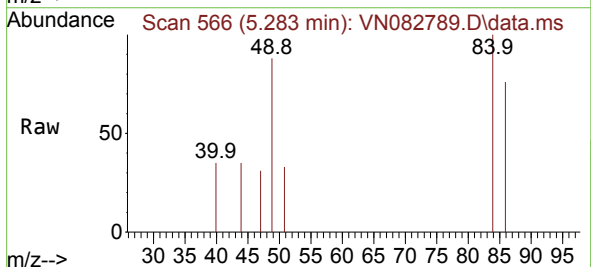
Instrument :
MSVOA_N
ClientSampleId :

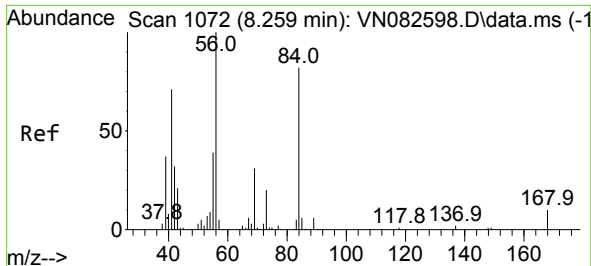
Tgt Ion: 43 Resp: 1953
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#20
Methylene Chloride
Concen: 0.896 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082789.D
Acq: 02 Jul 2024 16:23

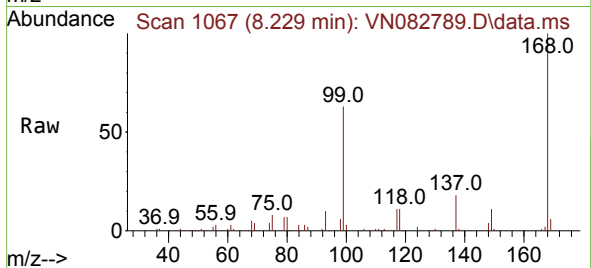
Tgt Ion: 84 Resp: 1525
Ion Ratio Lower Upper
84 100
49 87.7 119.6 179.4#
51 32.5 34.8 52.2#
86 76.1 52.9 79.3



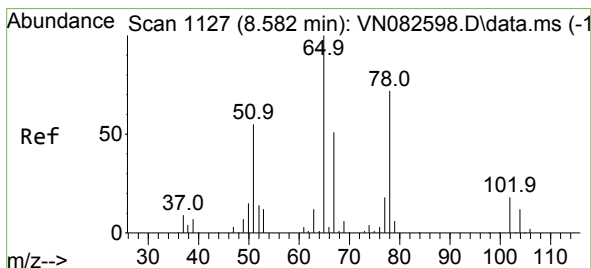
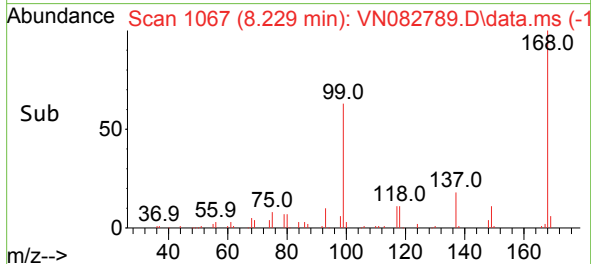
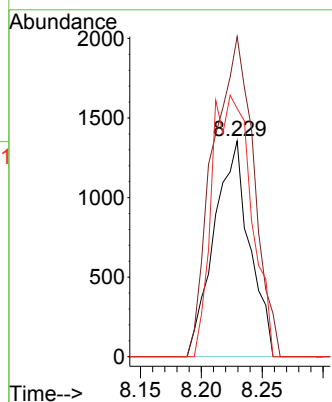


#31
Cyclohexane
Concen: 1.097 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN082789.D
Acq: 02 Jul 2024 16:23

Instrument :
MSVOA_N
ClientSampleId :

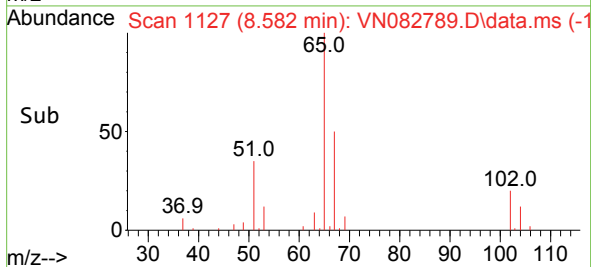
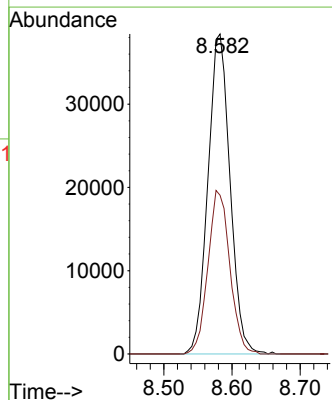
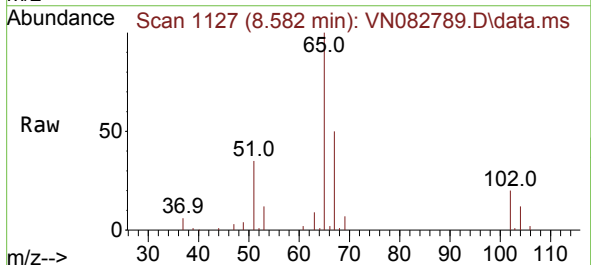


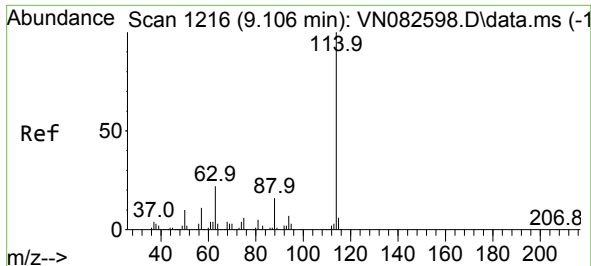
Tgt Ion: 56 Resp: 2744
Ion Ratio Lower Upper
56 100
69 148.3 24.5 36.7#
84 115.0 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 48.807 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082789.D
Acq: 02 Jul 2024 16:23

Tgt Ion: 65 Resp: 86639
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 114

Delta R.T. -0.000 min

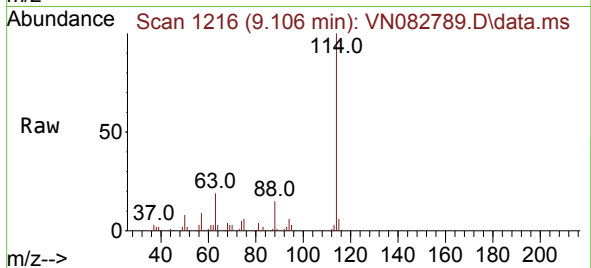
Lab File: VN082789.D

Acq: 02 Jul 2024 16:23

Instrument :

MSVOA_N

ClientSampleId :



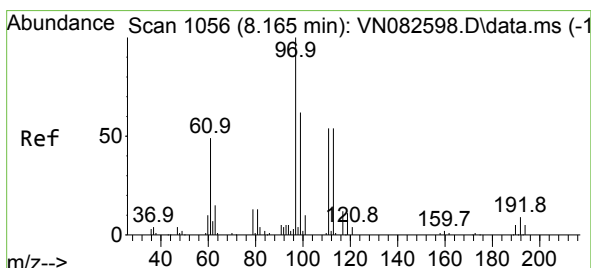
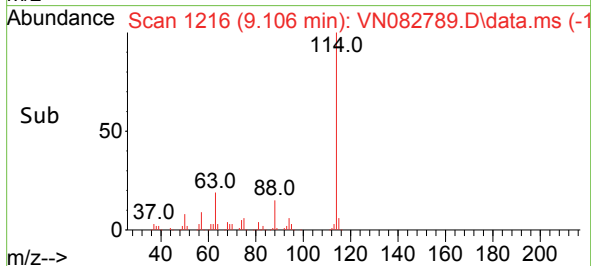
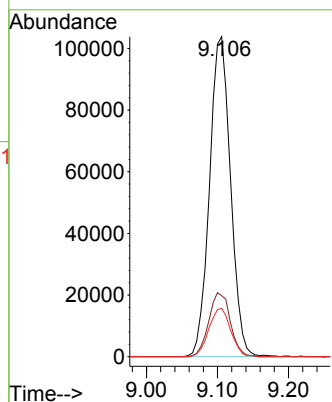
Tgt Ion:114 Resp: 213493

Ion Ratio Lower Upper

114 100

63 19.1 0.0 44.6

88 15.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.157 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082789.D

Acq: 02 Jul 2024 16:23

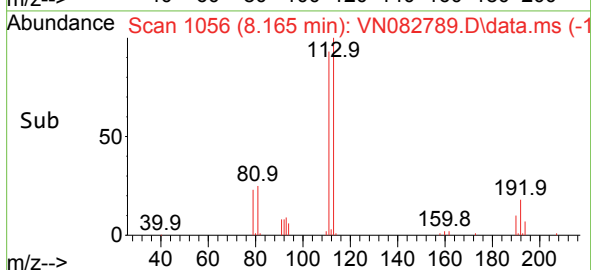
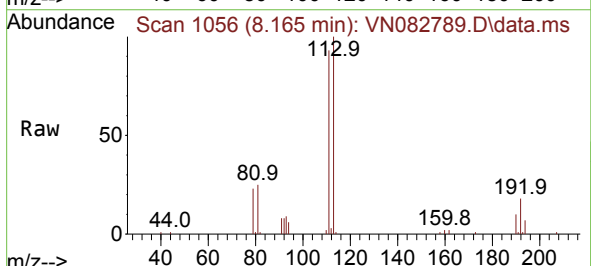
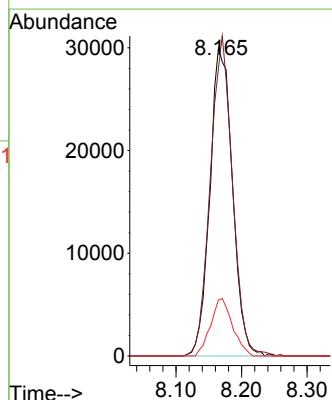
Tgt Ion:113 Resp: 71908

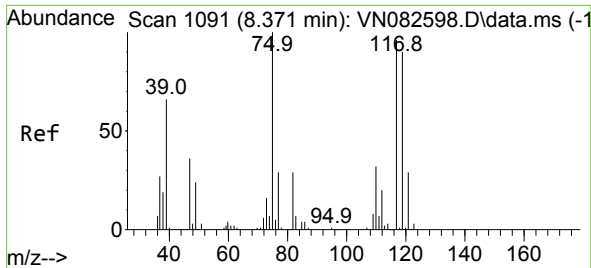
Ion Ratio Lower Upper

113 100

111 101.2 82.4 123.6

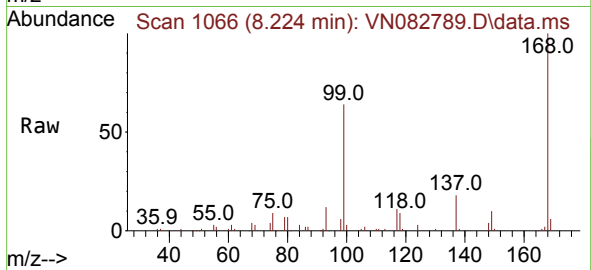
192 18.1 14.9 22.3



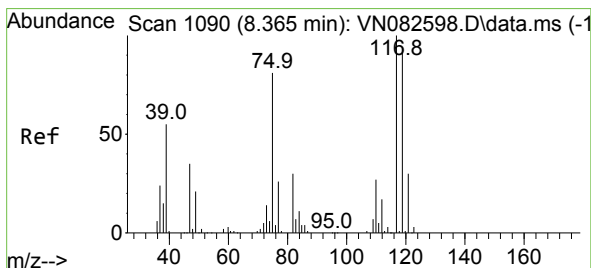
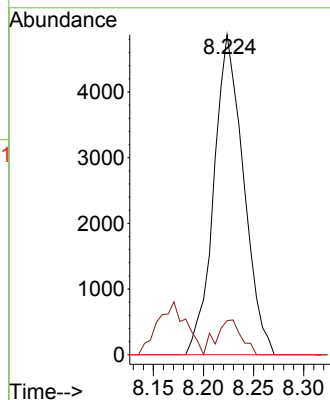
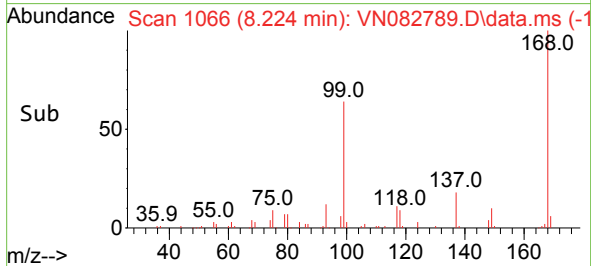


#36
 1,1-Dichloropropene
 Concen: 4.971 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN082789.D
 Acq: 02 Jul 2024 16:23

Instrument :
 MSVOA_N
 ClientSampleId :

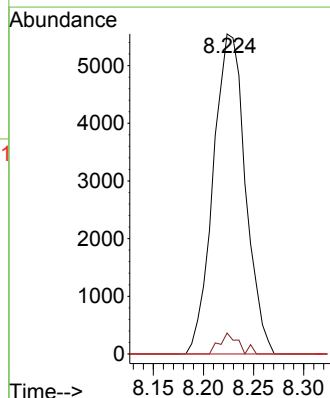
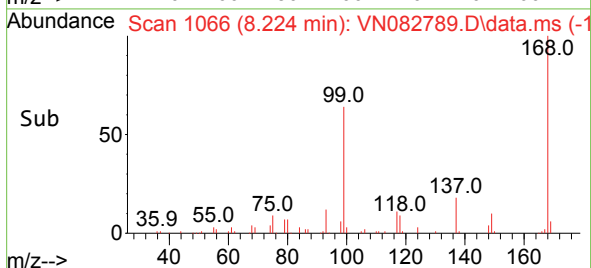
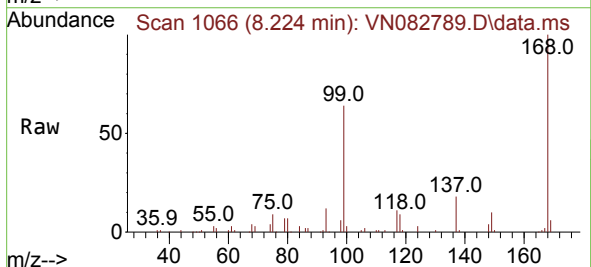


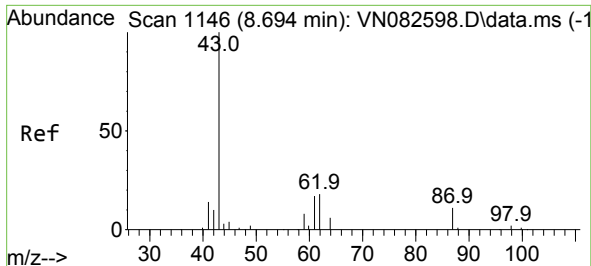
Tgt Ion: 75 Resp: 10043
 Ion Ratio Lower Upper
 75 100
 110 9.2 16.3 48.9#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.257 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.141 min
 Lab File: VN082789.D
 Acq: 02 Jul 2024 16:23

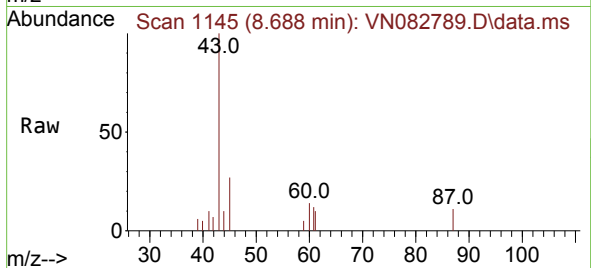
Tgt Ion: 117 Resp: 12422
 Ion Ratio Lower Upper
 117 100
 119 6.6 74.9 112.3#
 121 0.0 24.3 36.5#



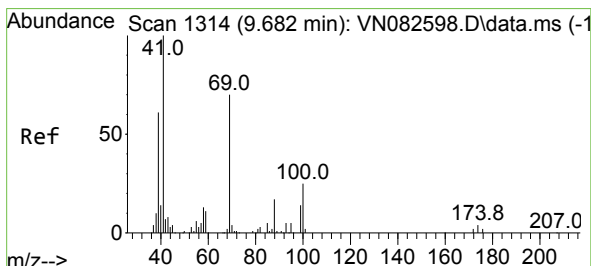
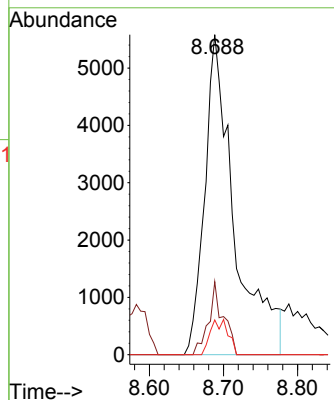
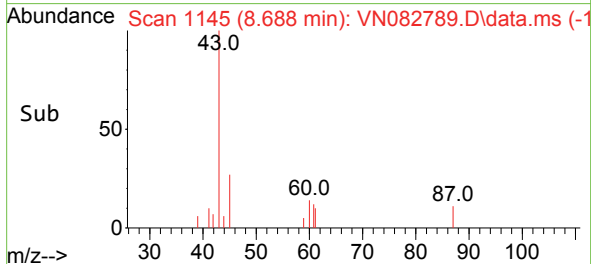


#43
Isopropyl Acetate
Concen: 3.687 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082789.D
Acq: 02 Jul 2024 16:23

Instrument :
MSVOA_N
ClientSampleId :

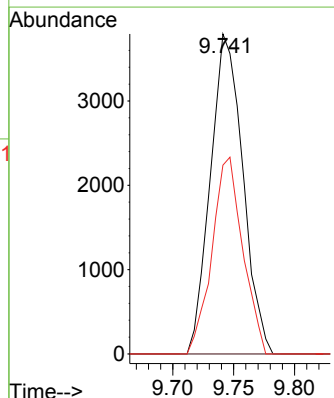
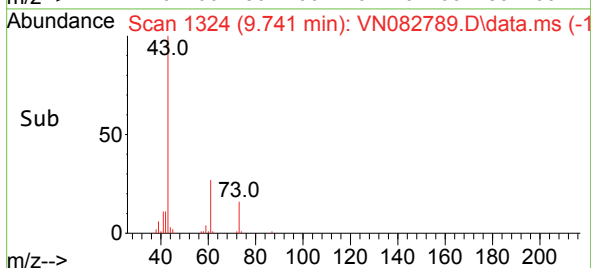
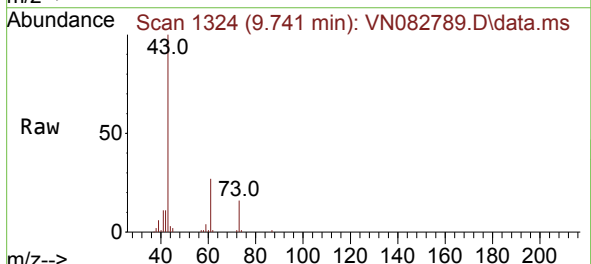


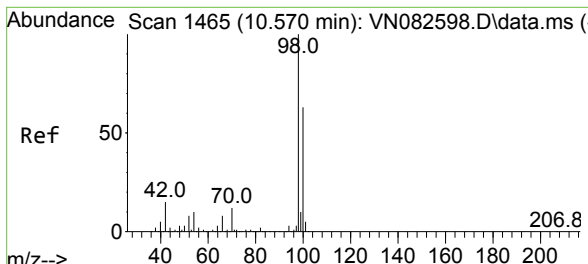
Tgt Ion: 43 Resp: 15526
Ion Ratio Lower Upper
43 100
61 11.4 17.8 26.6#
87 6.5 8.2 12.2#



#48
Methyl methacrylate
Concen: 4.186 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.059 min
Lab File: VN082789.D
Acq: 02 Jul 2024 16:23

Tgt Ion: 41 Resp: 7034
Ion Ratio Lower Upper
41 100
69 0.0 56.3 84.5#
39 58.3 50.3 75.5

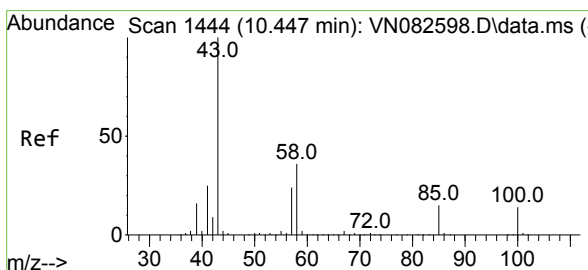
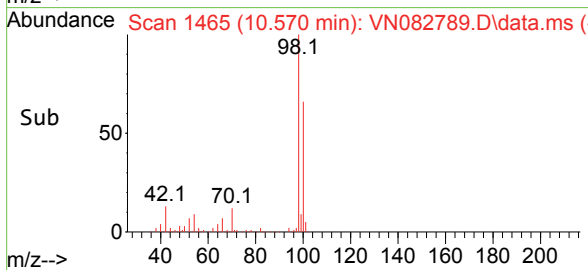
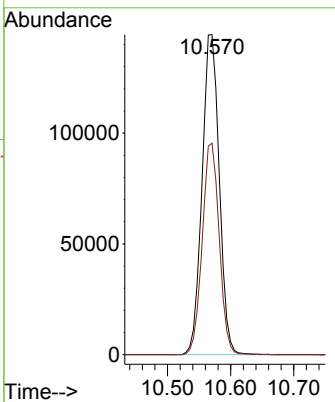
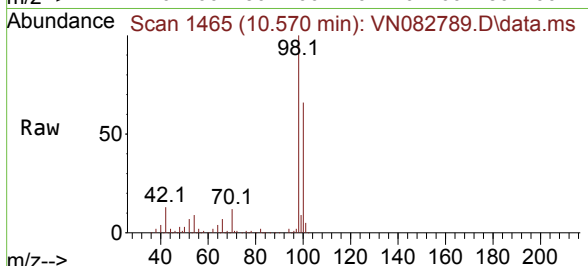




#50
Toluene-d8
Concen: 51.970 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082789.D
Acq: 02 Jul 2024 16:23

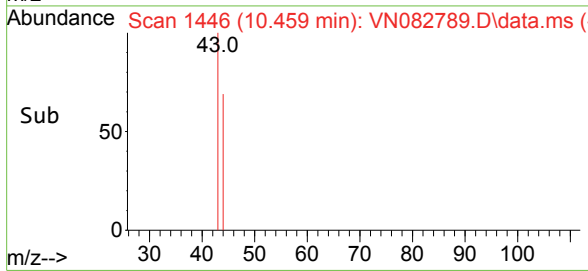
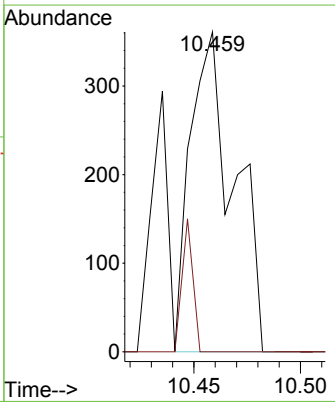
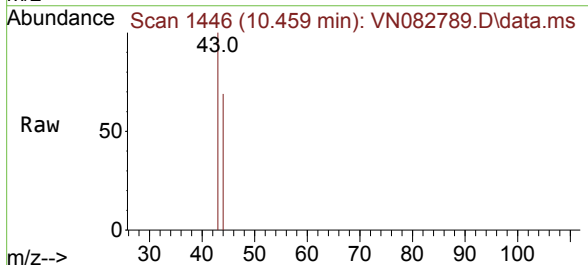
Instrument :
MSVOA_N
ClientSampleId :

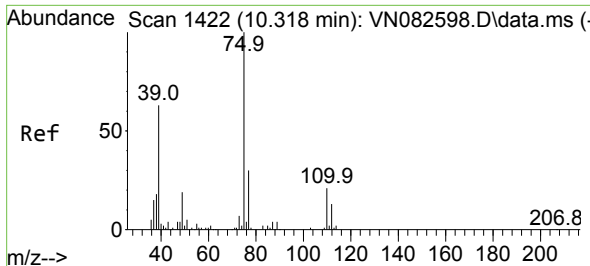
Tgt Ion: 98 Resp: 273191
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.231 ug/l
RT: 10.459 min Scan# 1446
Delta R.T. 0.012 min
Lab File: VN082789.D
Acq: 02 Jul 2024 16:23

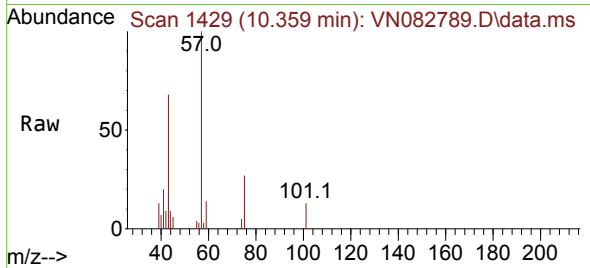
Tgt Ion: 43 Resp: 516
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#



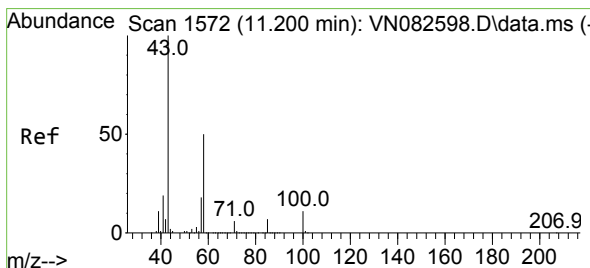
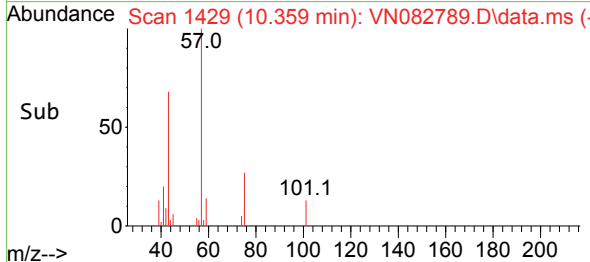
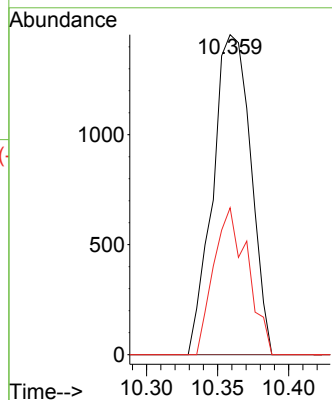


#54
cis-1,3-Dichloropropene
Concen: 1.136 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.041 min
Lab File: VN082789.D
Acq: 02 Jul 2024 16:23

Instrument :
MSVOA_N
ClientSampleId :

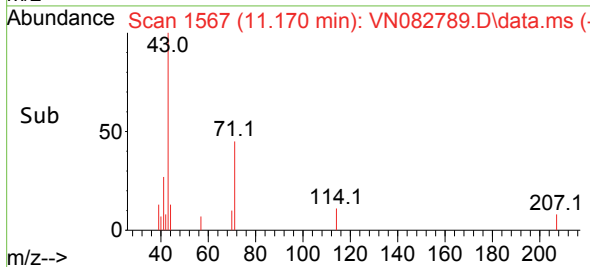
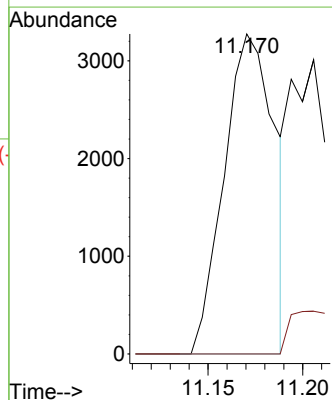
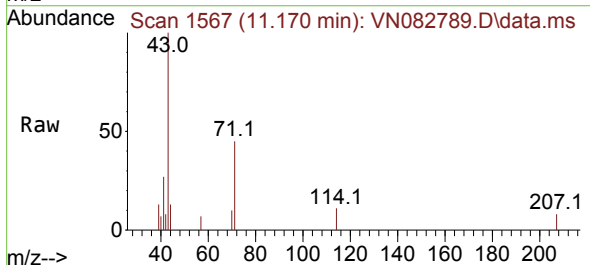


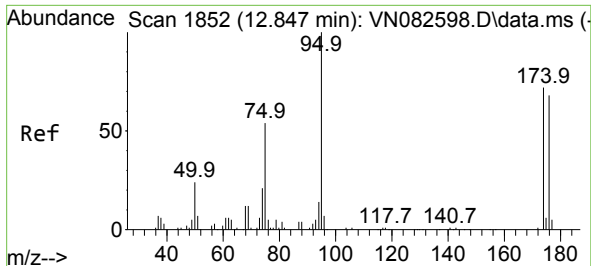
Tgt Ion: 75 Resp: 2700
Ion Ratio Lower Upper
75 100
77 0.0 24.3 36.5#
39 45.9 50.5 75.7#



#59
2-Hexanone
Concen: 3.660 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.030 min
Lab File: VN082789.D
Acq: 02 Jul 2024 16:23

Tgt Ion: 43 Resp: 6062
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.8#

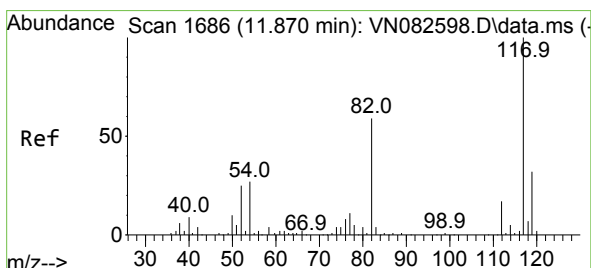
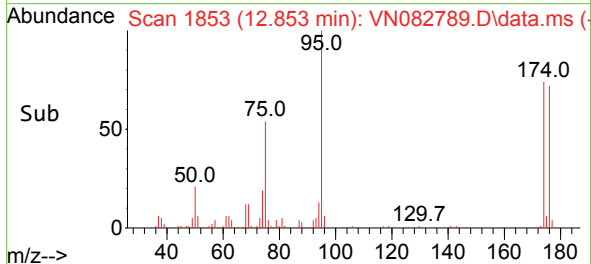
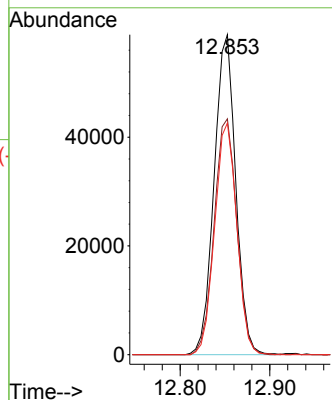
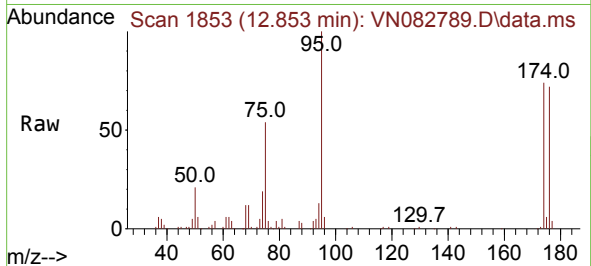




#62
4-Bromofluorobenzene
Concen: 54.556 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082789.D
Acq: 02 Jul 2024 16:23

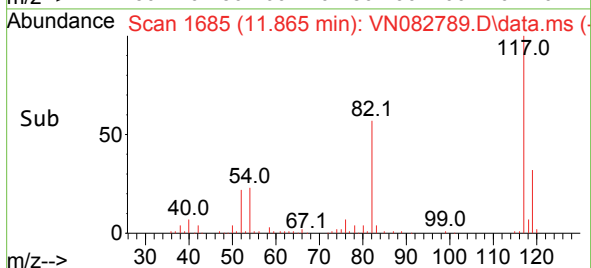
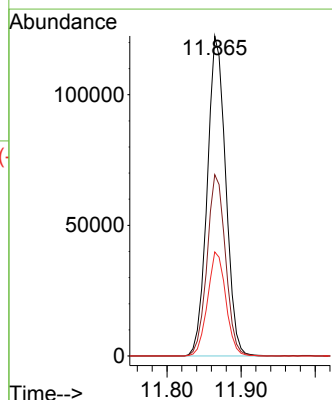
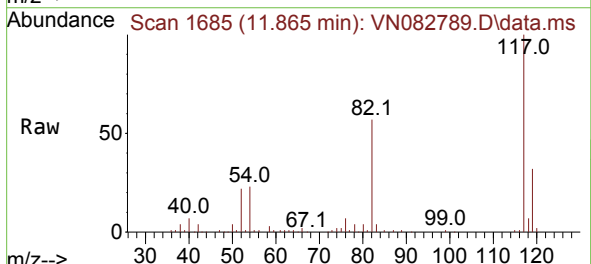
Instrument :
MSVOA_N
ClientSampleId :

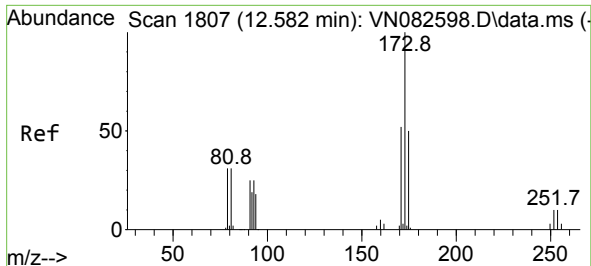
Tgt Ion: 95 Resp: 98488
Ion Ratio Lower Upper
95 100
174 77.1 0.0 159.2
176 73.9 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082789.D
Acq: 02 Jul 2024 16:23

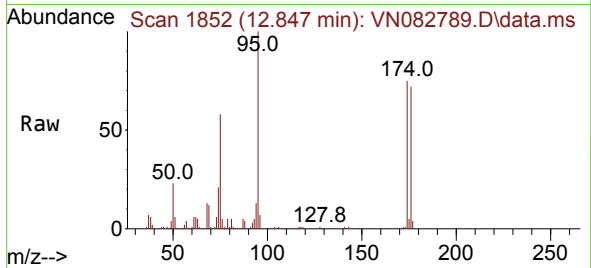
Tgt Ion: 117 Resp: 211680
Ion Ratio Lower Upper
117 100
82 56.7 47.5 71.3
119 32.5 25.6 38.4



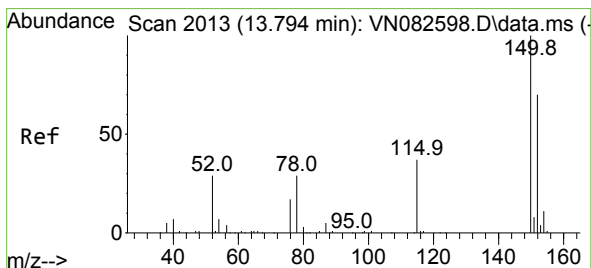
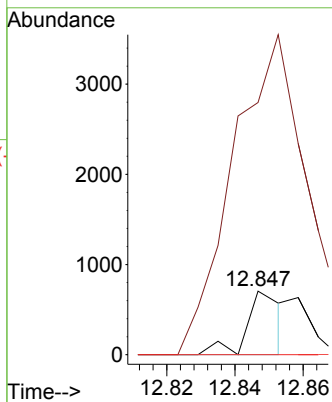
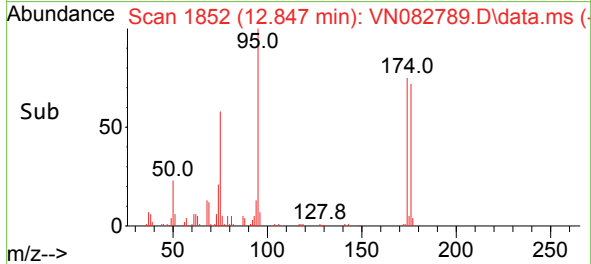


#71
Bromoform
Concen: 0.390 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN082789.D
Acq: 02 Jul 2024 16:23

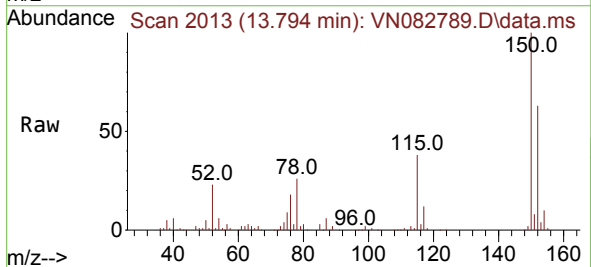
Instrument :
MSVOA_N
ClientSampleId :



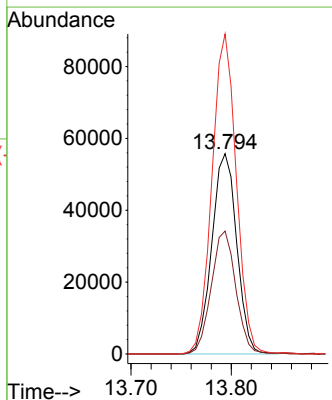
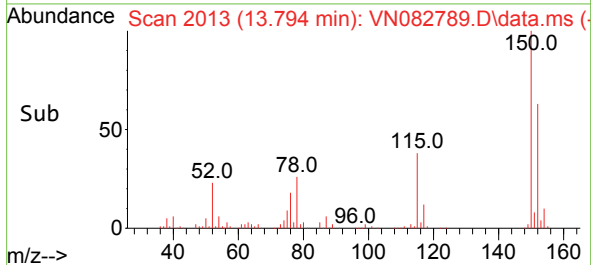
Tgt Ion:173 Resp: 503
Ion Ratio Lower Upper
173 100
175 917.3 24.0 72.0#
254 0.0 0.0 0.0

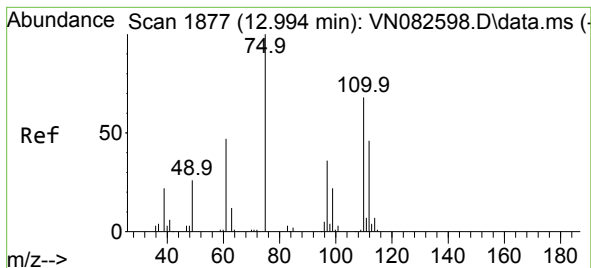


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082789.D
Acq: 02 Jul 2024 16:23



Tgt Ion:152 Resp: 96237
Ion Ratio Lower Upper
152 100
115 60.5 30.6 91.6
150 155.9 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 26.041 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082789.D

Acq: 02 Jul 2024 16:23

Instrument :

MSVOA_N

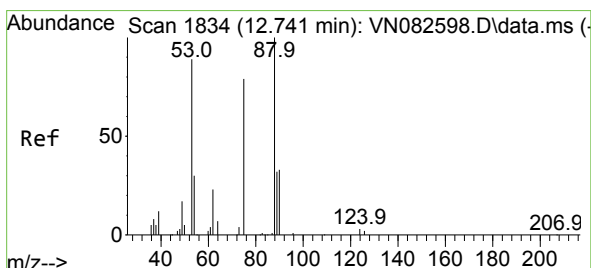
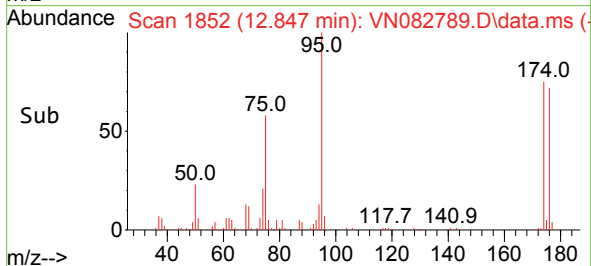
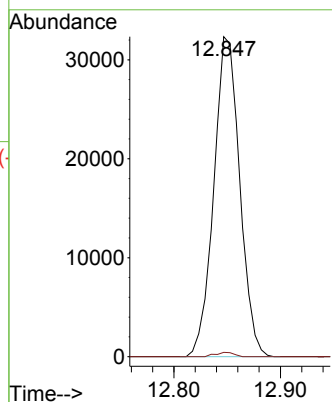
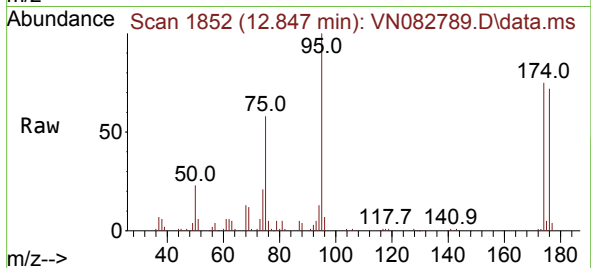
ClientSampleId :

Tgt Ion: 75 Resp: 54664

Ion Ratio Lower Upper

75 100

77 1.0 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.912 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.106 min

Lab File: VN082789.D

Acq: 02 Jul 2024 16:23

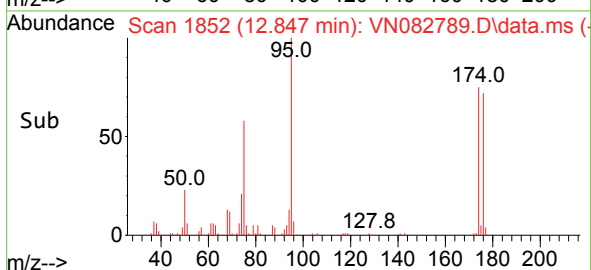
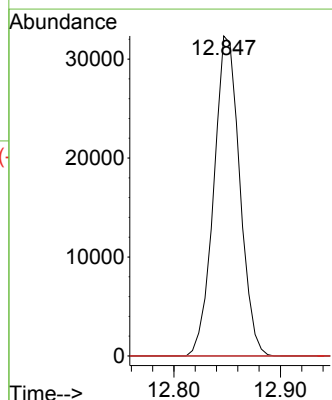
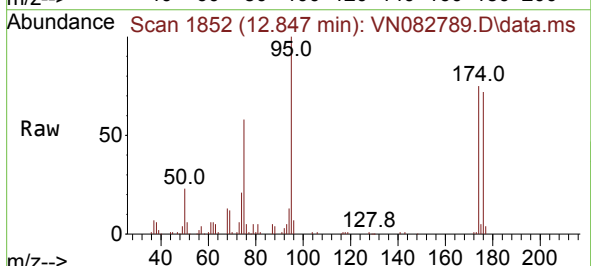
Tgt Ion: 75 Resp: 54664

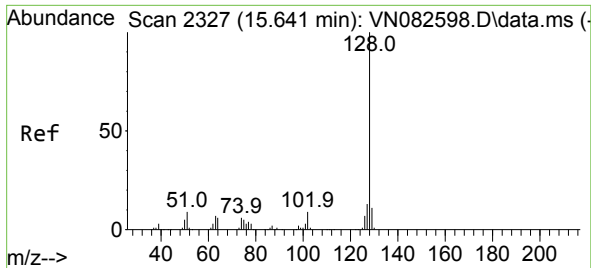
Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

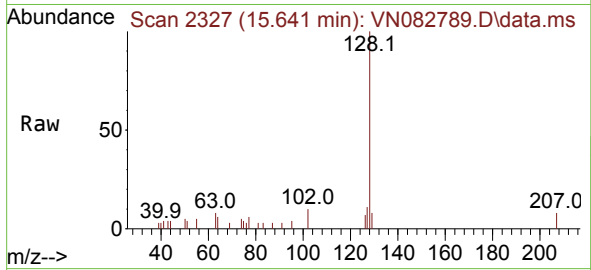
89 0.0 36.3 54.5#





#95
 Naphthalene
 Concen: 2.133 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082789.D
 Acq: 02 Jul 2024 16:23

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	10968
Ion Ratio	Lower	Upper	
128	100		
127	11.5	10.6	16.0
129	10.4	8.6	12.8

