

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083955.D
 Acq On : 17 Sep 2024 19:05
 Operator : JC\MD
 Sample : P4003-19
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB01-20240913

Quant Time: Sep 18 01:54:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

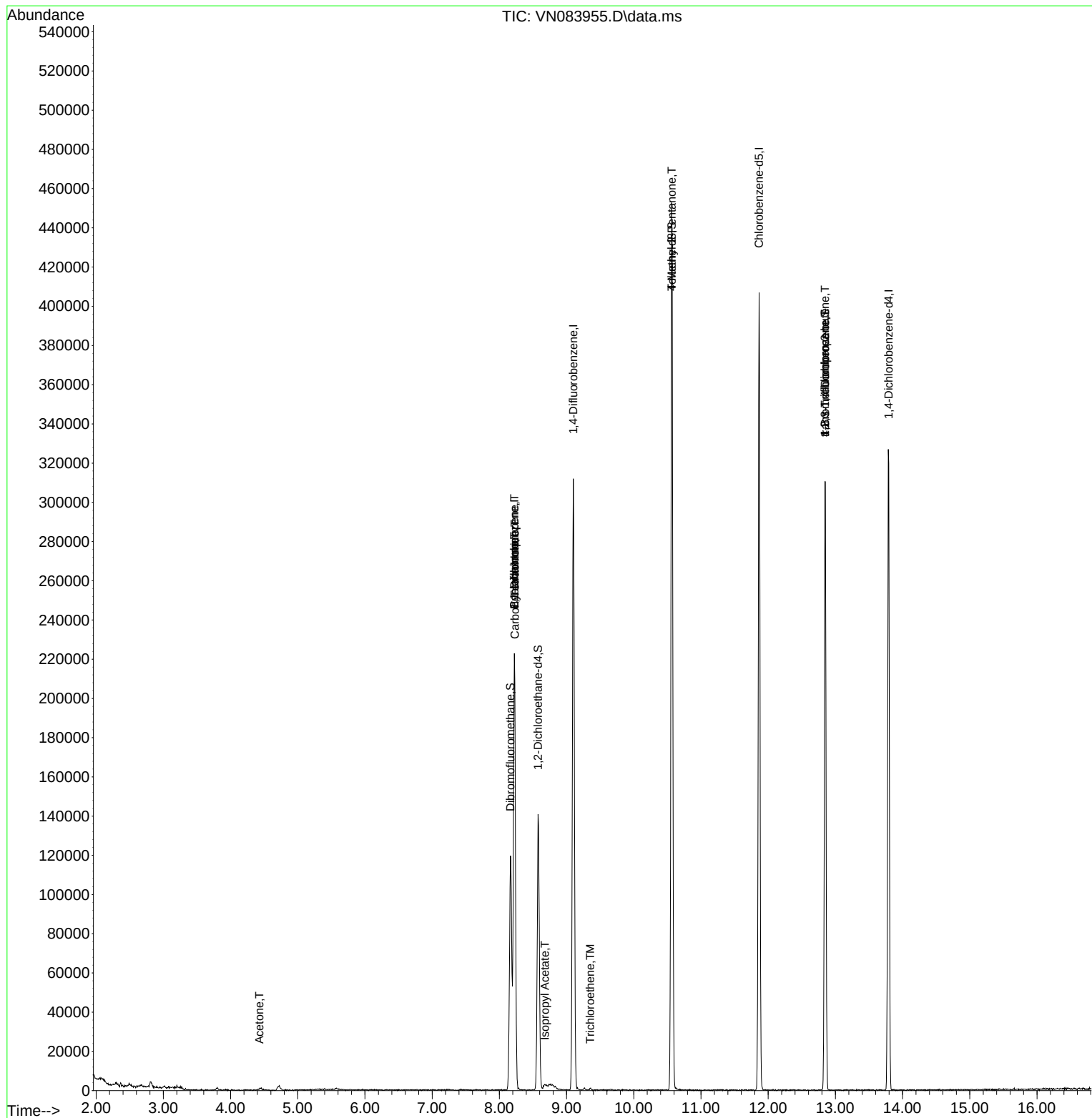
Internal Standards						
1) Pentafluorobenzene	8.224	168	146143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	253270	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	211729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	82919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116402	52.823	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.640%	
35) Dibromofluoromethane	8.165	113	84712	52.246	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.500%	
50) Toluene-d8	10.565	98	301142	53.725	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.440%	
62) 4-Bromofluorobenzene	12.847	95	105623	45.673	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 91.340%	
Target Compounds						
3) Chloromethane	2.365	50	989	Below Cal	Qvalue 100	
16) Acetone	4.430	43	2040	2.309 ug/l	#	85
18) Methyl Acetate	4.777	43	68	Below Cal	#	52
31) Cyclohexane	8.224	56	4216	1.324 ug/l	#	44
36) 1,1-Dichloropropene	8.224	75	14225	5.829 ug/l	#	49
38) Carbon Tetrachloride	8.230	117	17349	6.266 ug/l	#	16
43) Isopropyl Acetate	8.677	43	1927	0.480 ug/l	#	57
44) Trichloroethene	9.353	130	478	0.281 ug/l		71
51) 4-Methyl-2-Pentanone	10.565	43	1576	0.721 ug/l	#	1
76) 1,2,3-Trichloropropane	12.847	75	59158	35.357 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.847	75	59158	92.604 ug/l	#	9

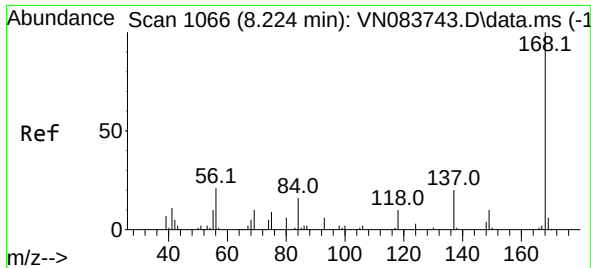
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EB01-20240913

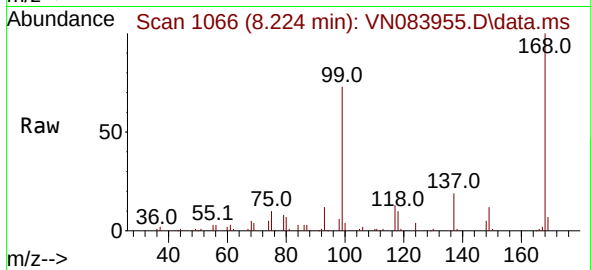
Quant Time: Sep 18 01:54:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



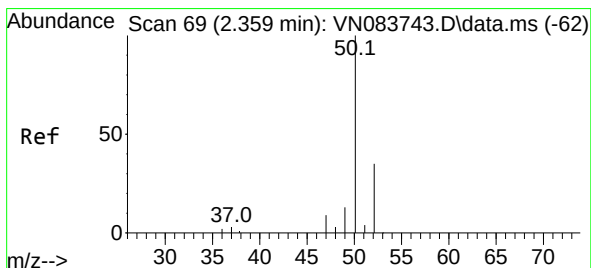
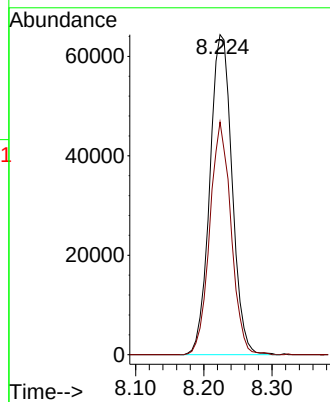
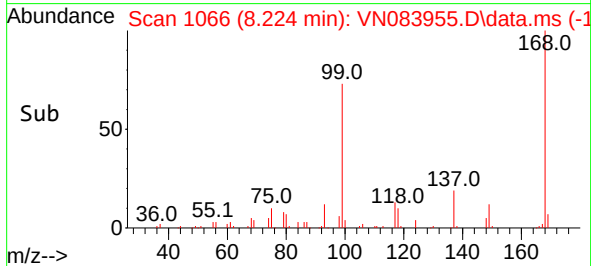


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083955.D
Acq: 17 Sep 2024 19:05

Instrument :
MSVOA_N
ClientSampleId :
EB01-20240913

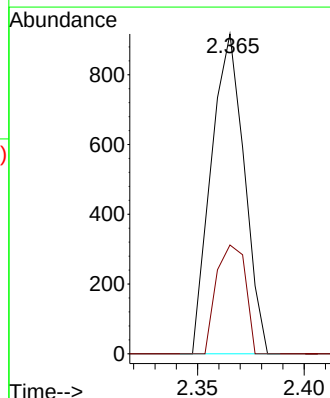
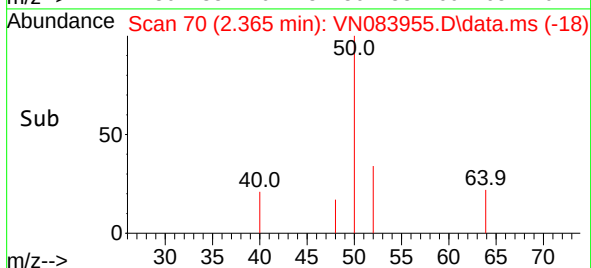
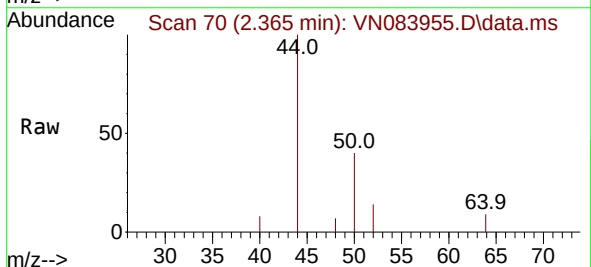


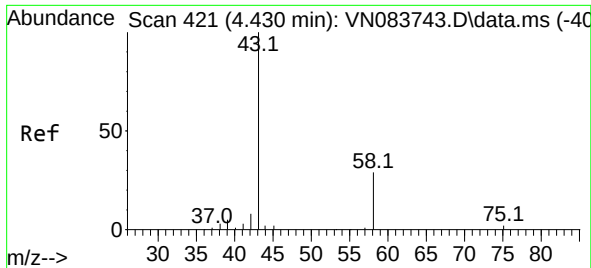
Tgt Ion:168 Resp: 146143
Ion Ratio Lower Upper
168 100
99 72.7 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083955.D
Acq: 17 Sep 2024 19:05

Tgt Ion: 50 Resp: 989
Ion Ratio Lower Upper
50 100
52 34.0 27.2 40.8

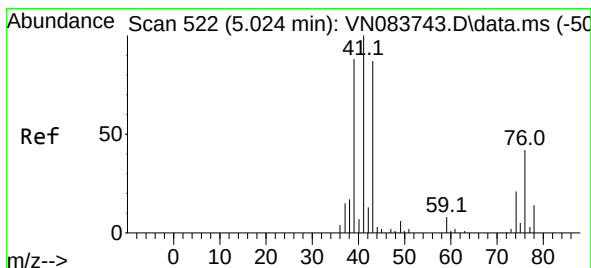
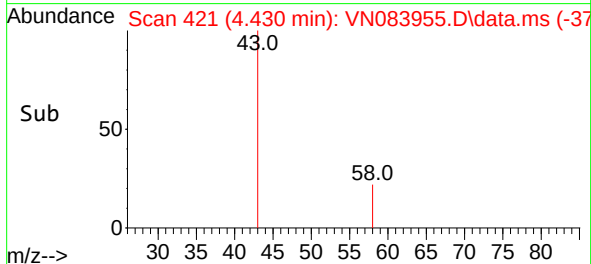
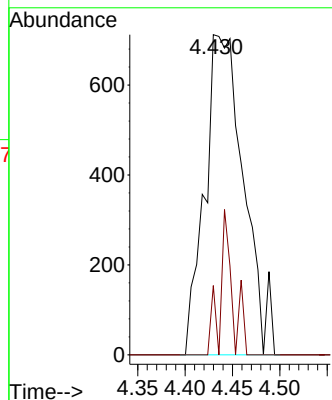
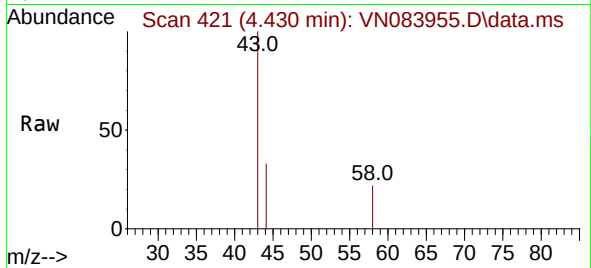




#16
Acetone
Concen: 2.309 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN083955.D
Acq: 17 Sep 2024 19:05

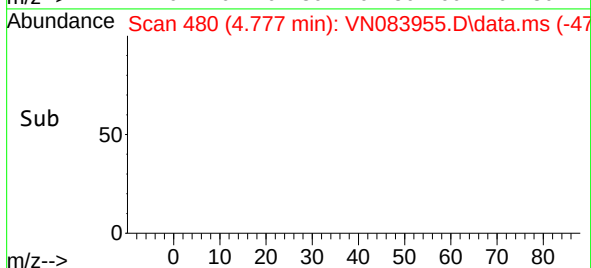
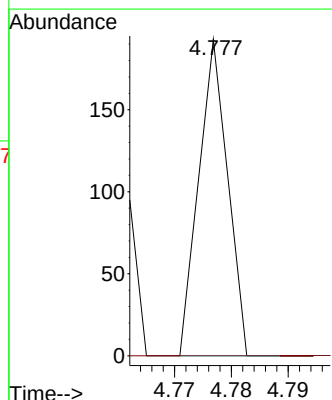
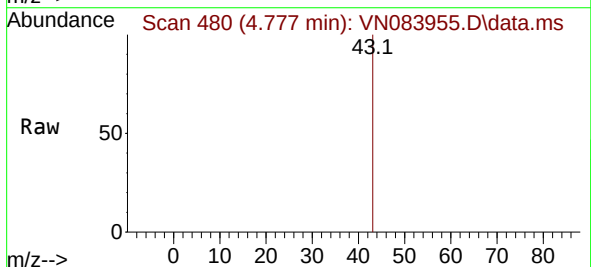
Instrument :
MSVOA_N
ClientSampleId :
EB01-20240913

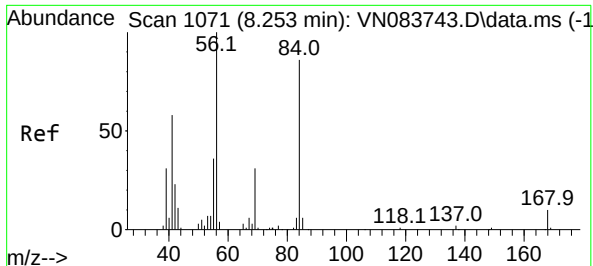
Tgt Ion: 43 Resp: 2040
Ion Ratio Lower Upper
43 100
58 21.6 23.7 35.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.777 min Scan# 480
Delta R.T. -0.247 min
Lab File: VN083955.D
Acq: 17 Sep 2024 19:05

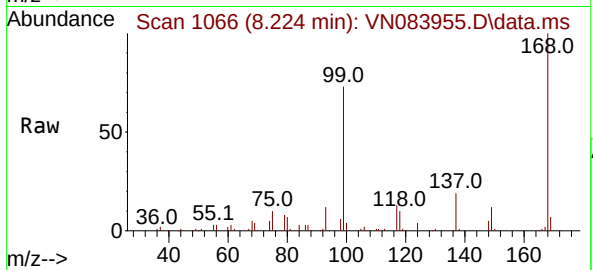
Tgt Ion: 43 Resp: 68
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



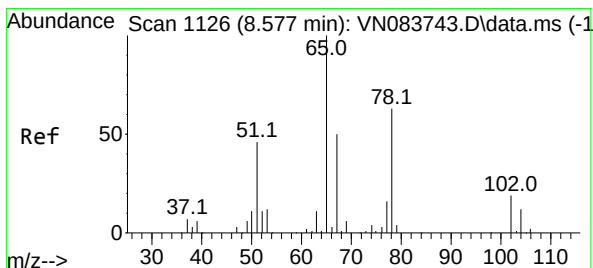
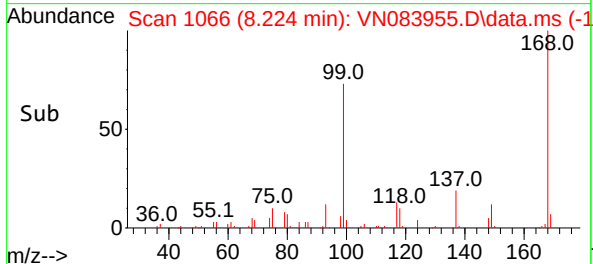
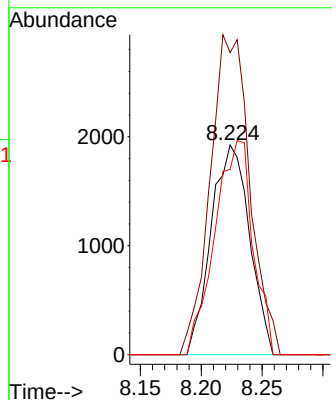


#31
Cyclohexane
Concen: 1.324 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN083955.D
Acq: 17 Sep 2024 19:05

Instrument :
MSVOA_N
ClientSampleId :
EB01-20240913

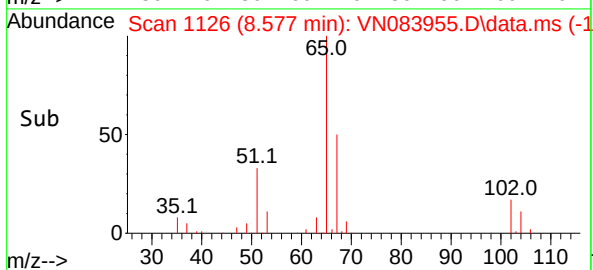
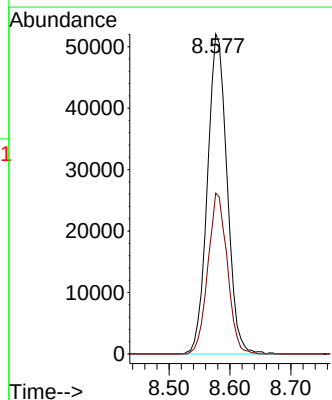
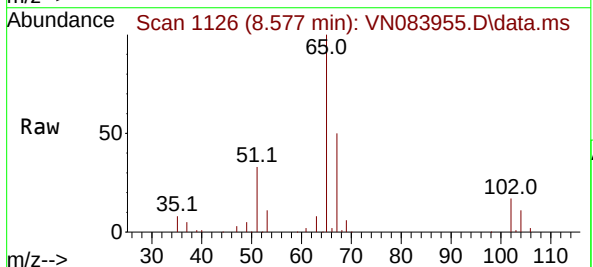


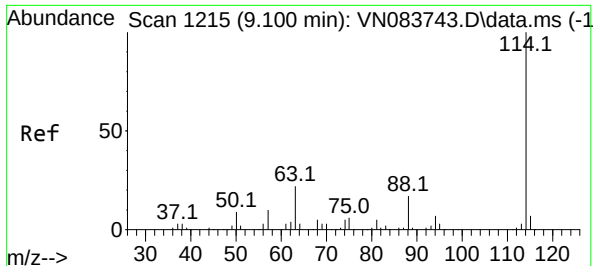
Tgt Ion: 56 Resp: 4216
Ion Ratio Lower Upper
56 100
69 144.0 26.9 40.3#
84 88.3 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 52.823 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083955.D
Acq: 17 Sep 2024 19:05

Tgt Ion: 65 Resp: 116402
Ion Ratio Lower Upper
65 100
67 49.5 0.0 100.8

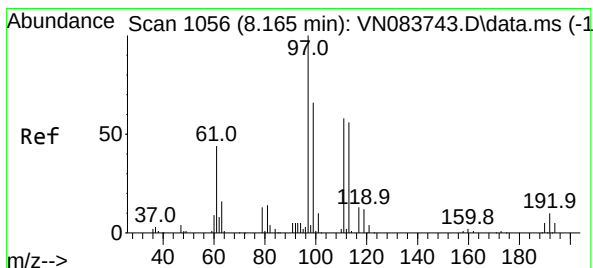
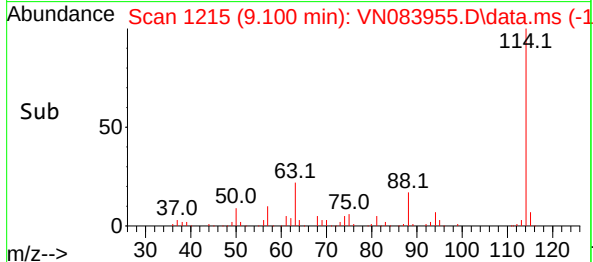
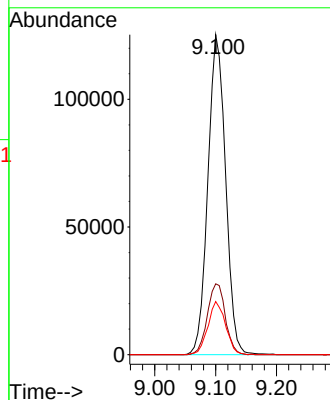
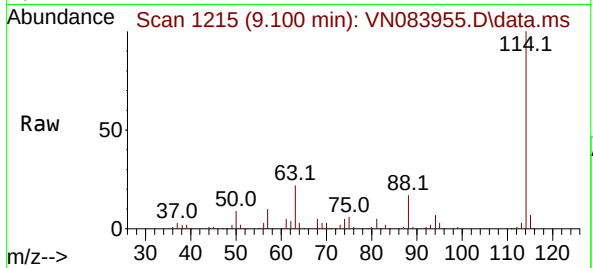




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083955.D
Acq: 17 Sep 2024 19:05

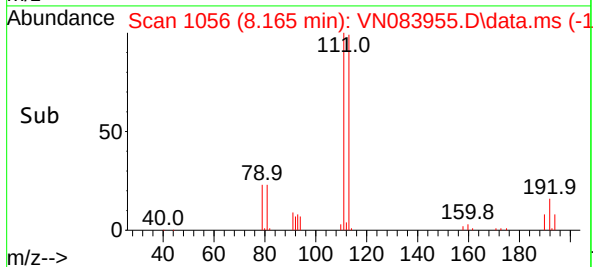
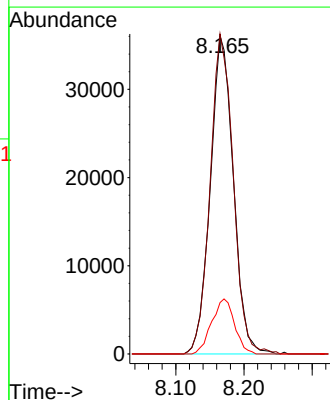
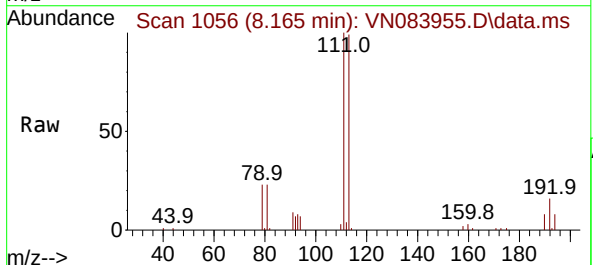
Instrument :
MSVOA_N
ClientSampleId :
EB01-20240913

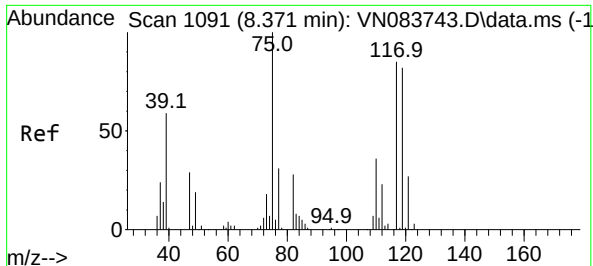
Tgt Ion:114 Resp: 253270
Ion Ratio Lower Upper
114 100
63 22.1 0.0 43.4
88 16.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 52.246 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083955.D
Acq: 17 Sep 2024 19:05

Tgt Ion:113 Resp: 84712
Ion Ratio Lower Upper
113 100
111 101.0 82.6 124.0
192 17.2 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.829 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083955.D

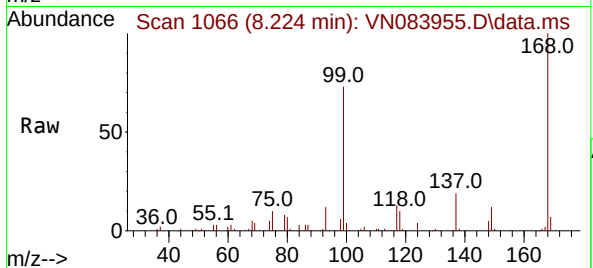
Acq: 17 Sep 2024 19:05

Instrument :

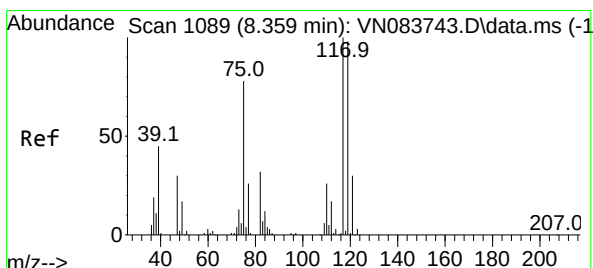
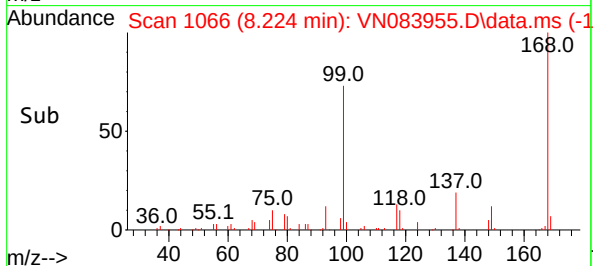
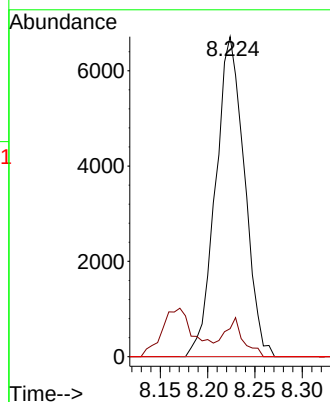
MSVOA_N

ClientSampleId :

EB01-20240913



Tgt Ion:	75	Resp:	14225
Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.7	50.1#
77	0.0	25.2	37.8#



#38

Carbon Tetrachloride

Concen: 6.266 ug/l

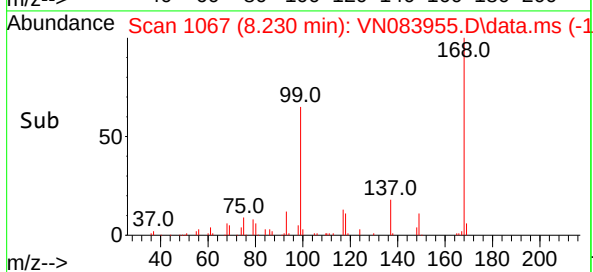
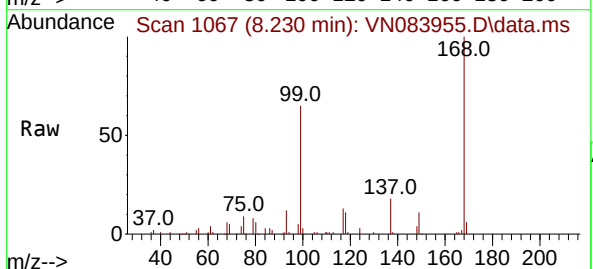
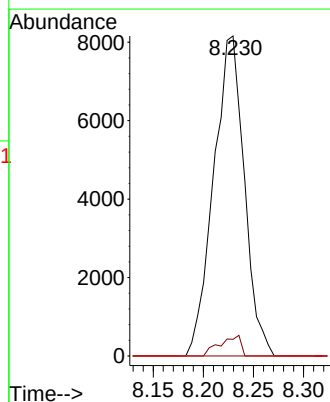
RT: 8.230 min Scan# 1067

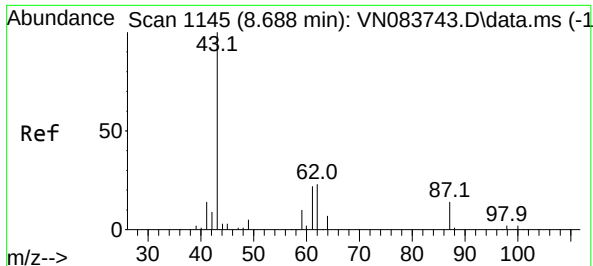
Delta R.T. -0.129 min

Lab File: VN083955.D

Acq: 17 Sep 2024 19:05

Tgt Ion:	117	Resp:	17349
Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.1	114.1#
121	0.0	24.1	36.1#





#43

Isopropyl Acetate

Concen: 0.480 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.012 min

Lab File: VN083955.D

Acq: 17 Sep 2024 19:05

Instrument :

MSVOA_N

ClientSampleId :

EB01-20240913

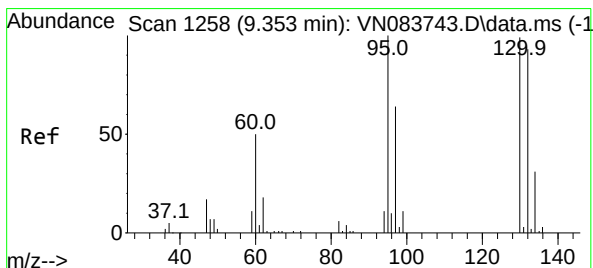
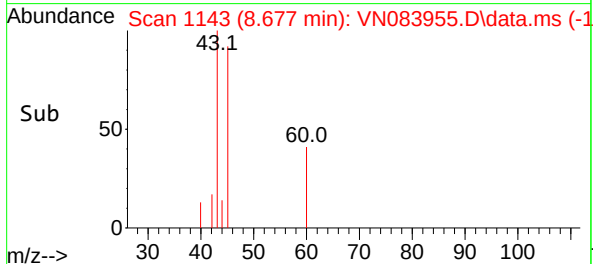
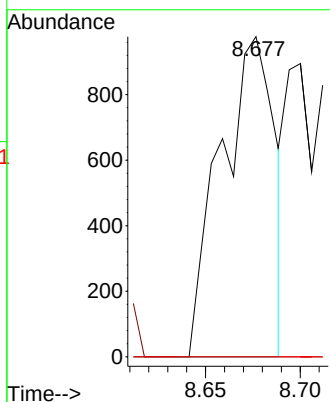
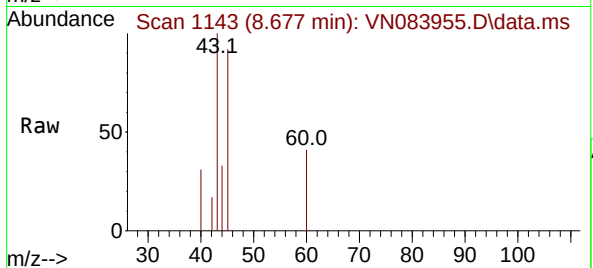
Tgt Ion: 43 Resp: 1927

Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#



#44

Trichloroethene

Concen: 0.281 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN083955.D

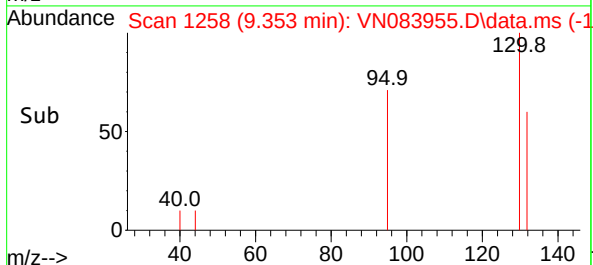
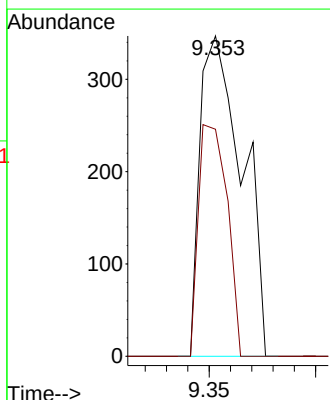
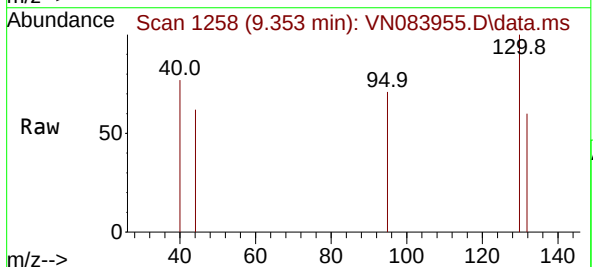
Acq: 17 Sep 2024 19:05

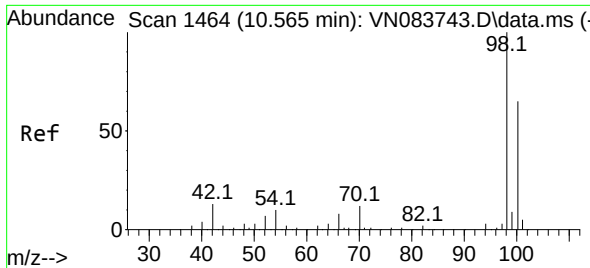
Tgt Ion:130 Resp: 478

Ion Ratio Lower Upper

130 100

95 70.9 0.0 200.4

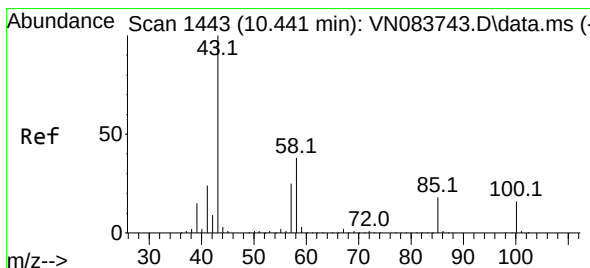
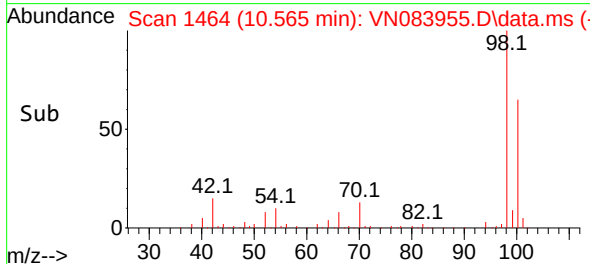
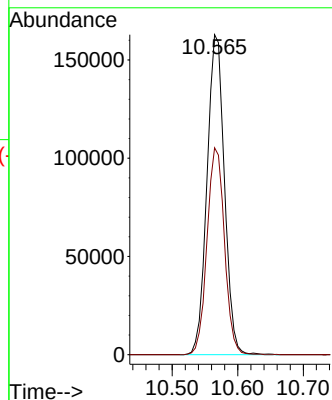
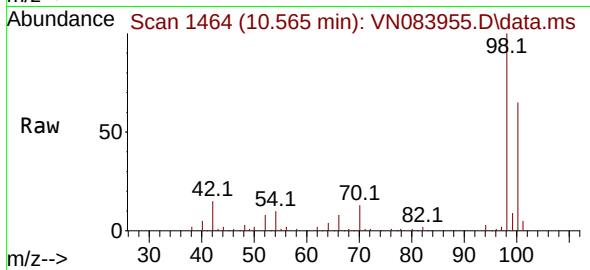




#50
Toluene-d8
Concen: 53.725 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083955.D
Acq: 17 Sep 2024 19:05

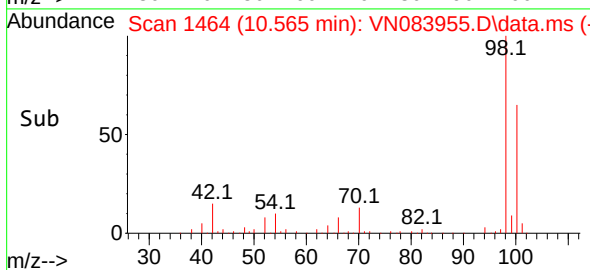
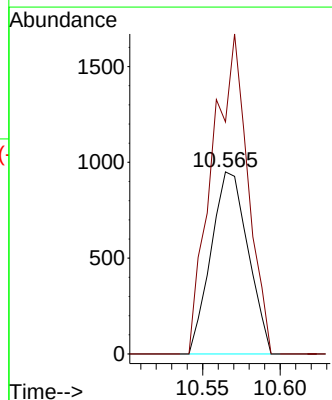
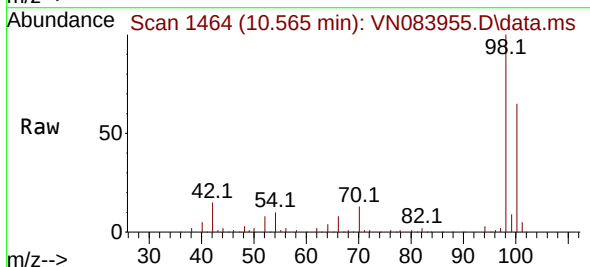
Instrument :
MSVOA_N
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EB01-20240913

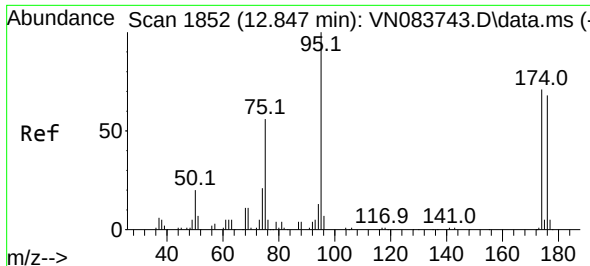
Tgt Ion: 98 Resp: 301142
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.721 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.123 min
Lab File: VN083955.D
Acq: 17 Sep 2024 19:05

Tgt Ion: 43 Resp: 1576
Ion Ratio Lower Upper
43 100
58 169.7 31.6 47.4#

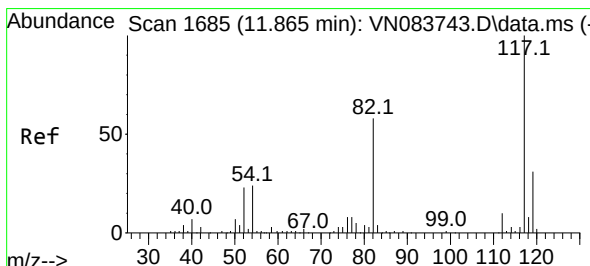
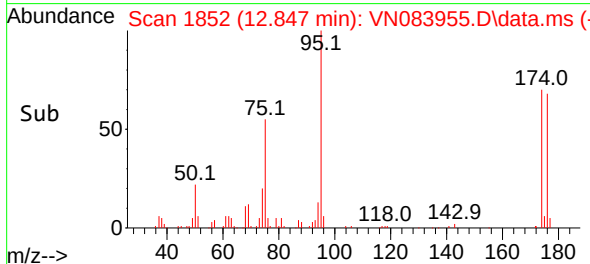
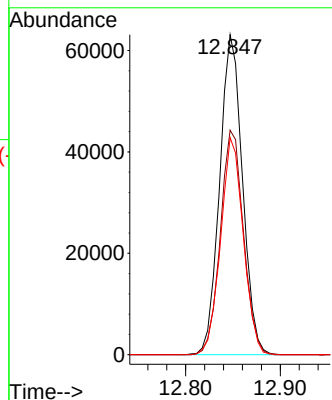
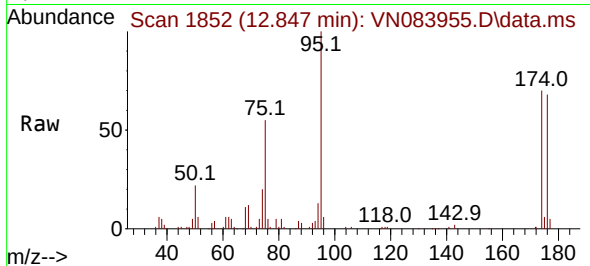




#62
4-Bromofluorobenzene
Concen: 45.673 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083955.D
Acq: 17 Sep 2024 19:05

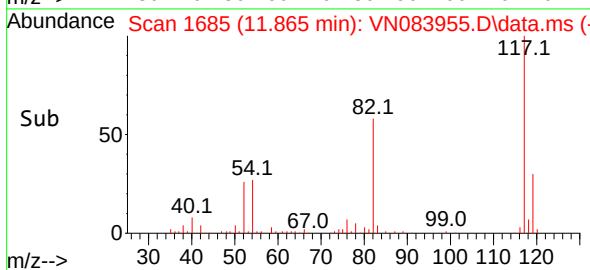
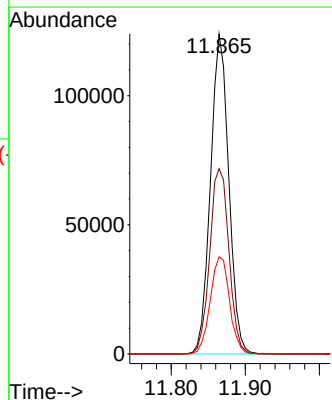
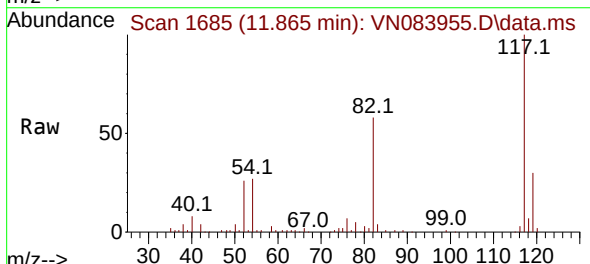
Instrument :
MSVOA_N
ClientSampleId :
EB01-20240913

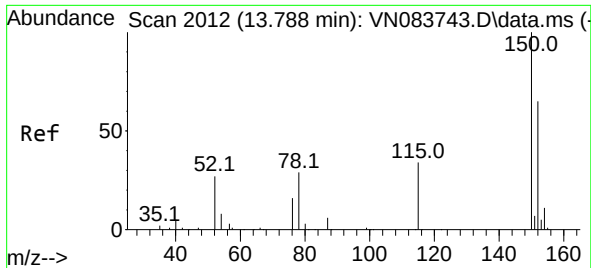
Tgt Ion: 95 Resp: 105623
Ion Ratio Lower Upper
95 100
174 71.1 0.0 139.8
176 67.3 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083955.D
Acq: 17 Sep 2024 19:05

Tgt Ion: 117 Resp: 211729
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.0
119 30.4 26.3 39.5

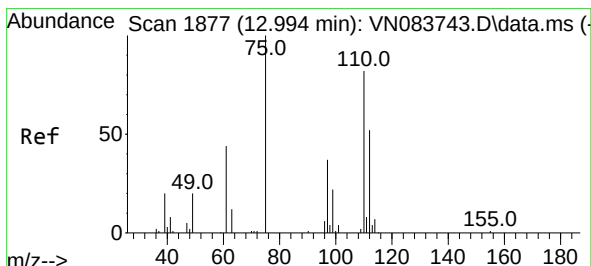
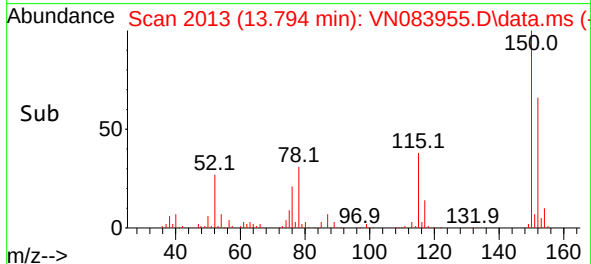
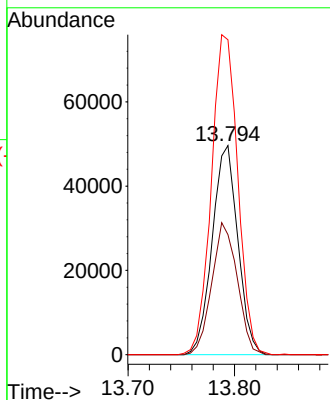
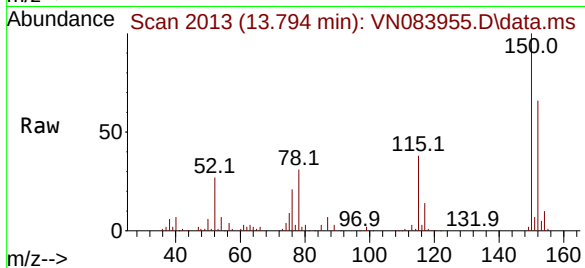




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2012
 Delta R.T. 0.006 min
 Lab File: VN083955.D
 Acq: 17 Sep 2024 19:05

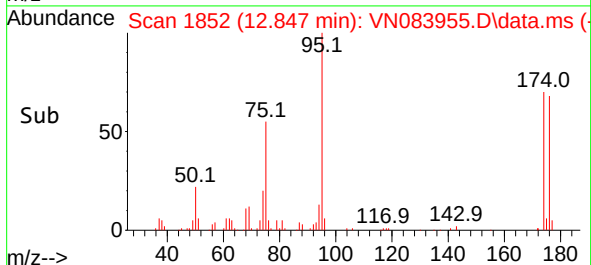
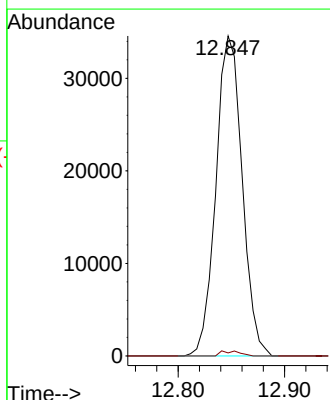
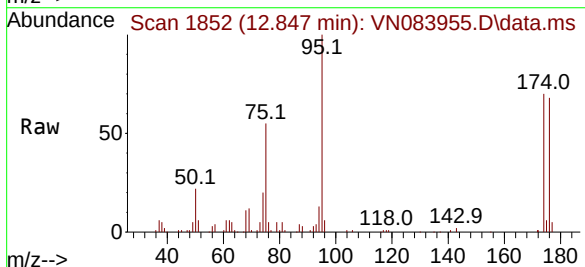
Instrument :
 MSVOA_N
 ClientSampleId :
 EB01-20240913

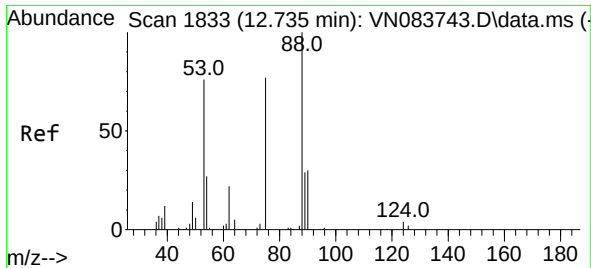
Tgt Ion:152 Resp: 82919
 Ion Ratio Lower Upper
 152 100
 115 62.6 32.2 96.6
 150 157.5 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 35.357 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083955.D
 Acq: 17 Sep 2024 19:05

Tgt Ion: 75 Resp: 59158
 Ion Ratio Lower Upper
 75 100
 77 1.1 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 92.604 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083955.D
Acq: 17 Sep 2024 19:05

Instrument :
MSVOA_N
ClientSampleId :
EB01-20240913

Tgt Ion: 75 Resp: 59158
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

