

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091424\
 Data File : VN083897.D
 Acq On : 14 Sep 2024 17:56
 Operator : JC\MD
 Sample : PB163310TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

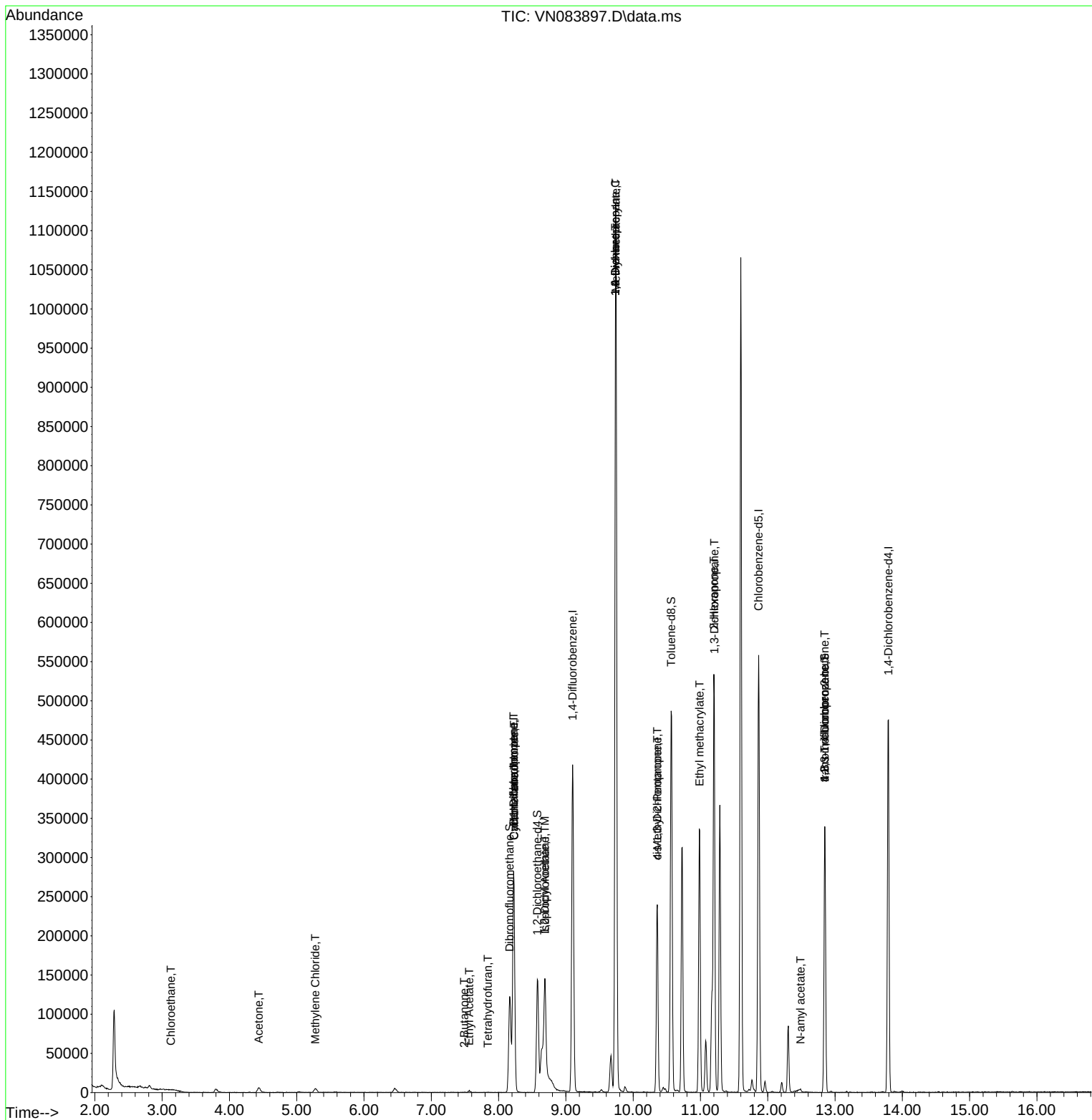
Quant Time: Sep 16 01:38:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

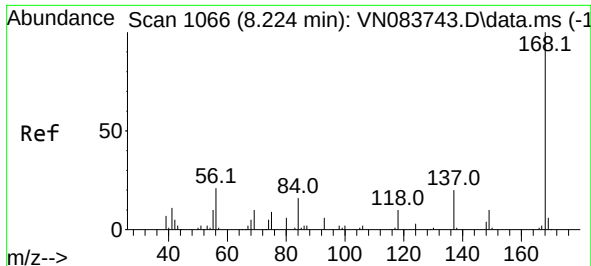
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	188085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	342800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125318	44.187	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.380%		
35) Dibromofluoromethane	8.165	113	88798	40.463	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	80.920%		
50) Toluene-d8	10.565	98	334117	44.040	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.080%		
62) 4-Bromofluorobenzene	12.847	95	113030	36.111	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	72.220%#		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	597	Below Cal	#	41
6) Chloroethane	3.130	64	995	0.592	ug/l #	45
16) Acetone	4.436	43	12894	11.341	ug/l	98
18) Methyl Acetate	5.018	43	585	Below Cal	#	52
20) Methylene Chloride	5.277	84	3533	1.519	ug/l #	84
25) 2-Butanone	7.488	43	474	0.317	ug/l #	49
29) Tetrahydrofuran	7.841	42	219	0.248	ug/l #	32
31) Cyclohexane	8.230	56	5514	1.345	ug/l #	6
36) 1,1-Dichloropropene	8.224	75	17532	5.308	ug/l #	47
37) Ethyl Acetate	7.565	43	3230	1.077	ug/l #	85
38) Carbon Tetrachloride	8.230	117	22567	6.022	ug/l #	16
42) 1,2-Dichloroethane	8.688	62	830	0.223	ug/l #	77
43) Isopropyl Acetate	8.688	43	248982	45.826	ug/l #	76
45) 1,2-Dichloropropane	9.735	63	1411	0.587	ug/l #	42
48) Methyl methacrylate	9.741	41	109034	42.298	ug/l #	45
49) 1,4-Dioxane	9.735	88	56	1.321	ug/l #	1
51) 4-Methyl-2-Pentanone	10.359	43	92707	31.345	ug/l #	45
54) cis-1,3-Dichloropropene	10.359	75	40144	10.351	ug/l #	66
56) Ethyl methacrylate	10.988	69	1123	0.322	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	5513	1.413	ug/l #	42
59) 2-Hexanone	11.200	43	71248	32.566	ug/l #	53
74) N-amyl acetate	12.488	43	979	0.247	ug/l #	43
76) 1,2,3-Trichloropropane	12.847	75	65567	27.079	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	65567	70.921	ug/l #	9

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

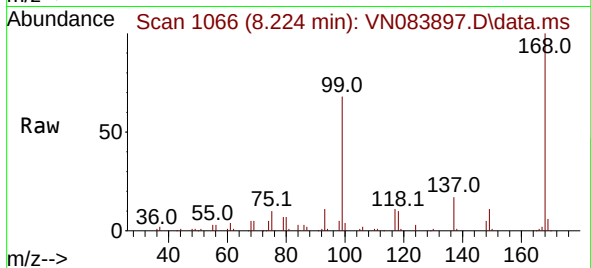
Quant Time: Sep 16 01:38:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



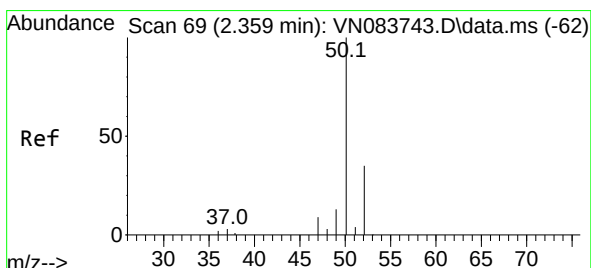
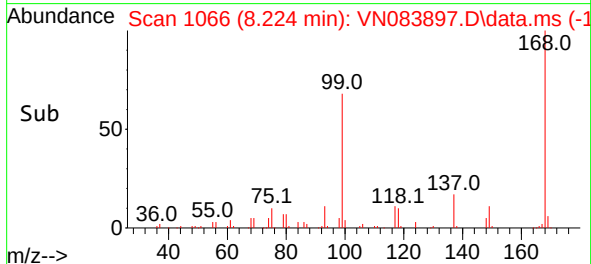
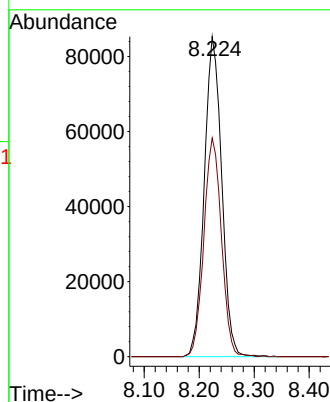


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :

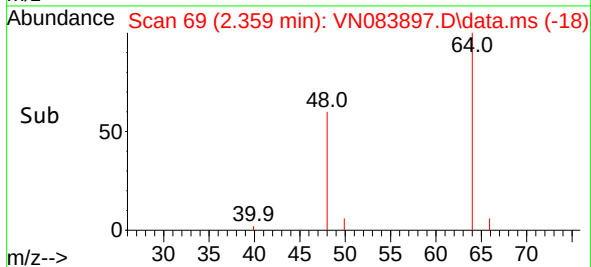
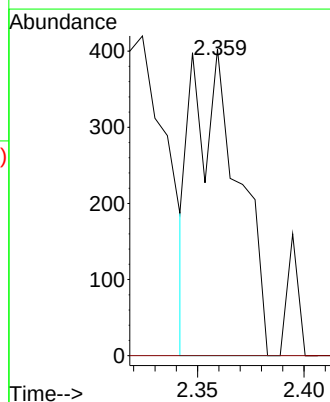
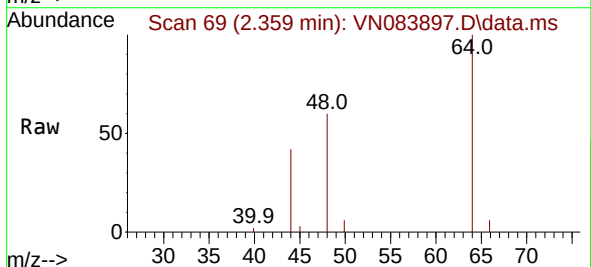


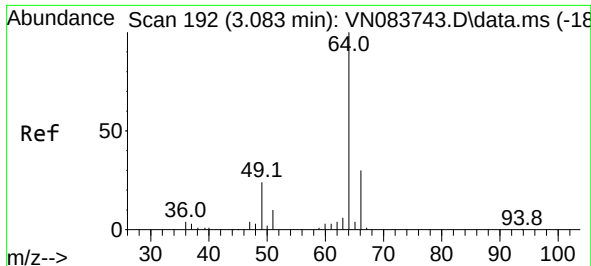
Tgt Ion:168 Resp: 188085
Ion Ratio Lower Upper
168 100
99 68.3 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

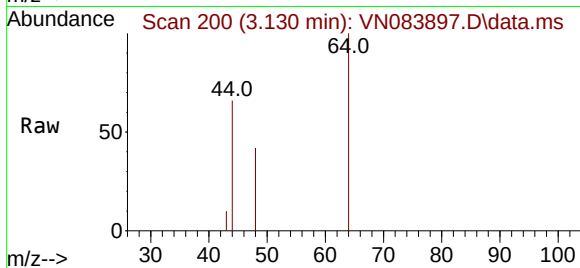
Tgt Ion: 50 Resp: 597
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#



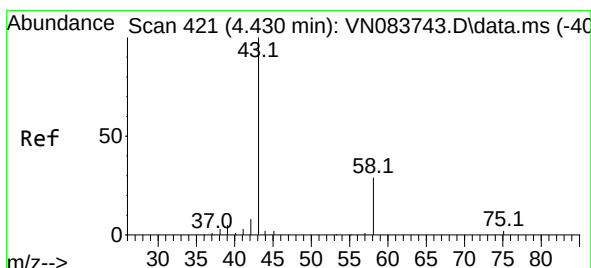
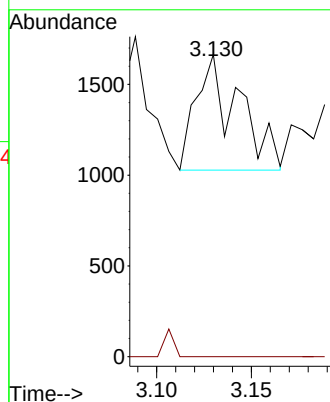
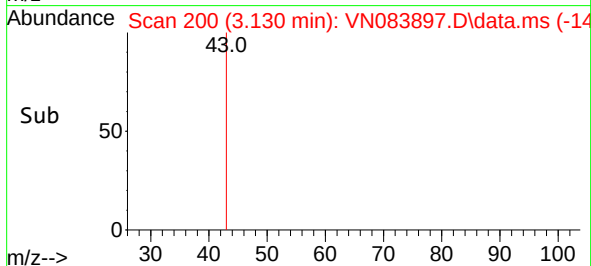


#6
Chloroethane
Concen: 0.592 ug/l
RT: 3.130 min Scan# 20
Delta R.T. 0.047 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

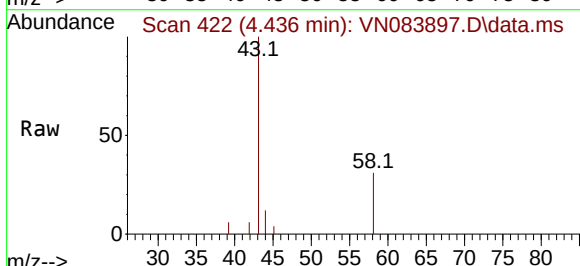
Instrument :
MSVOA_N
ClientSampleId :



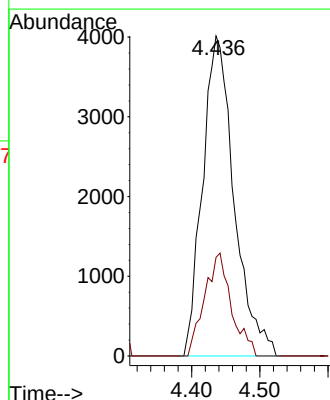
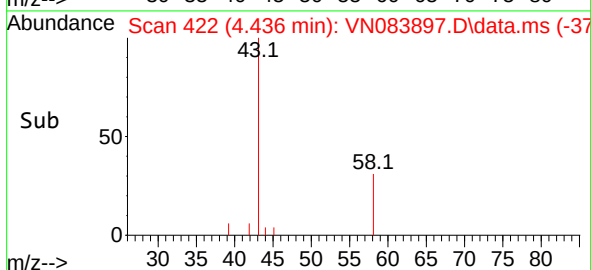
Tgt Ion: 64 Resp: 995
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#

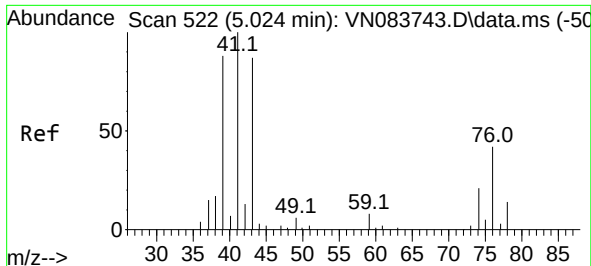


#16
Acetone
Concen: 11.341 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56



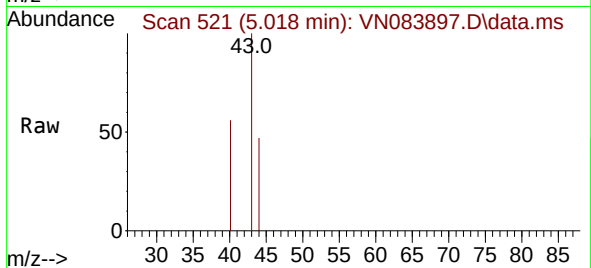
Tgt Ion: 43 Resp: 12894
Ion Ratio Lower Upper
43 100
58 30.8 23.7 35.5



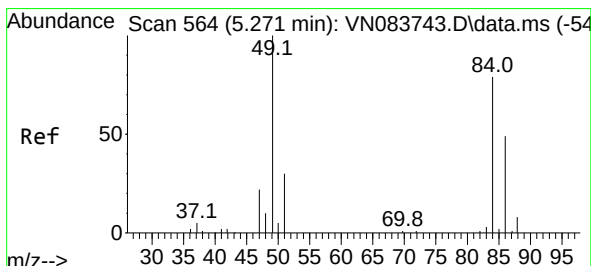
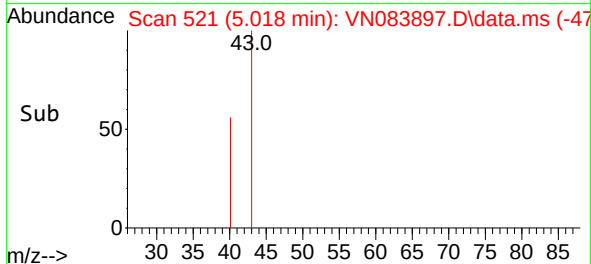
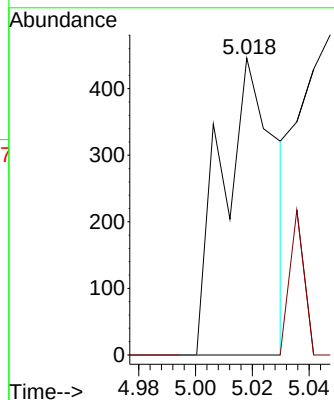


#18
Methyl Acetate
Concen: Below Cal
RT: 5.018 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :

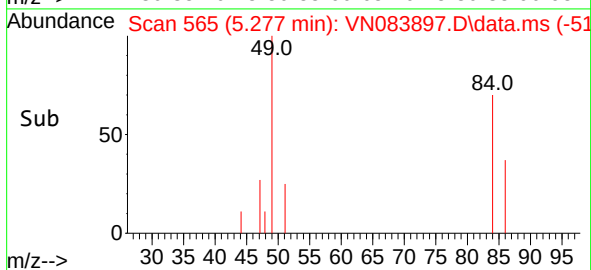
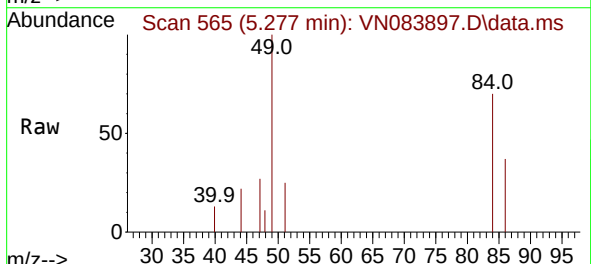
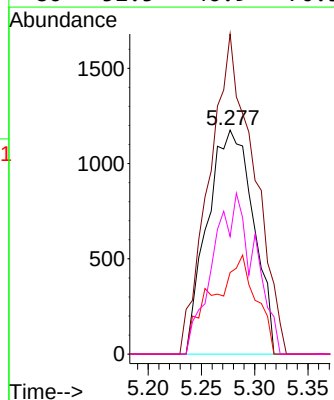


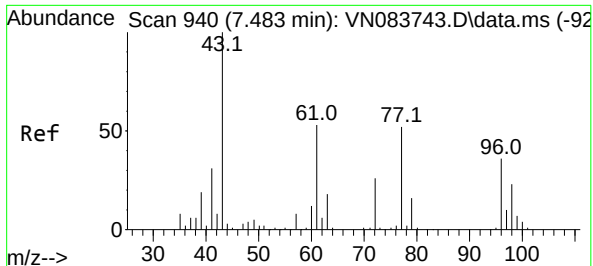
Tgt Ion: 43 Resp: 585
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#20
Methylene Chloride
Concen: 1.519 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Tgt Ion: 84 Resp: 3533
Ion Ratio Lower Upper
84 100
49 142.9 93.4 140.0#
51 36.4 29.2 43.8
86 52.5 46.9 70.3





#25

2-Butanone

Concen: 0.317 ug/l

RT: 7.488 min Scan# 94

Delta R.T. 0.006 min

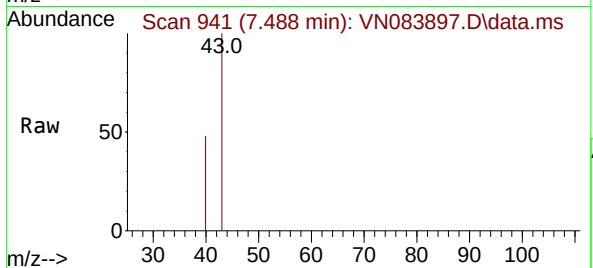
Lab File: VN083897.D

Acq: 14 Sep 2024 17:56

Instrument :

MSVOA_N

ClientSampleId :

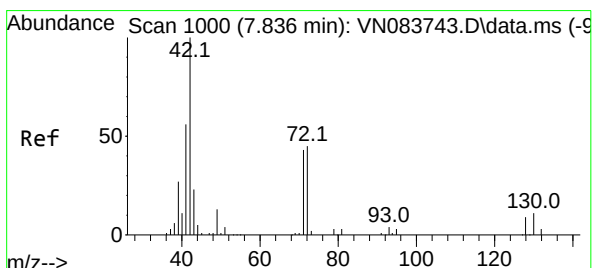
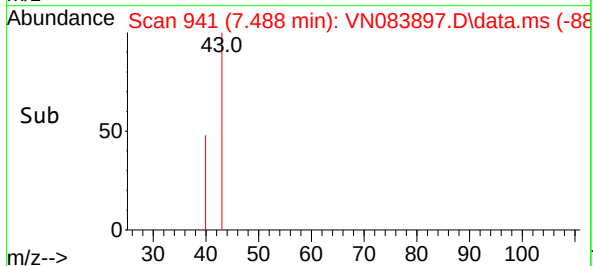
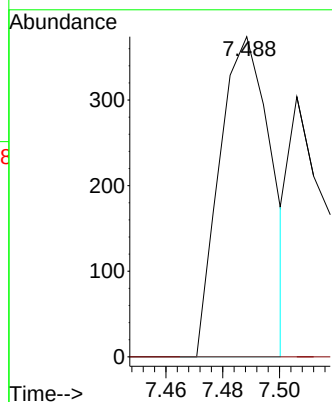


Tgt Ion: 43 Resp: 474

Ion Ratio Lower Upper

43 100

72 0.0 20.8 31.2#



#29

Tetrahydrofuran

Concen: 0.248 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN083897.D

Acq: 14 Sep 2024 17:56

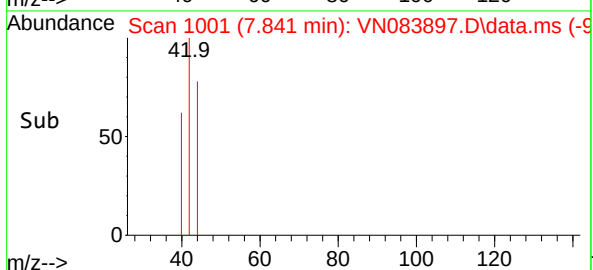
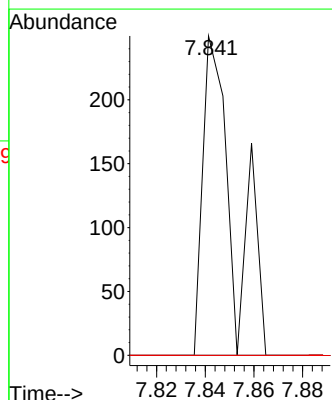
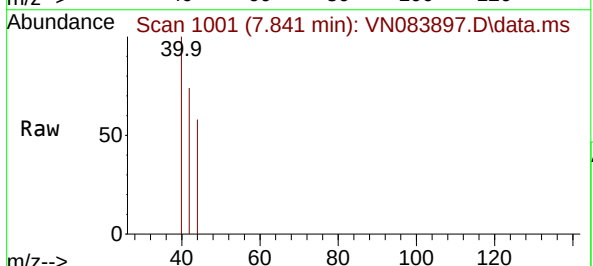
Tgt Ion: 42 Resp: 219

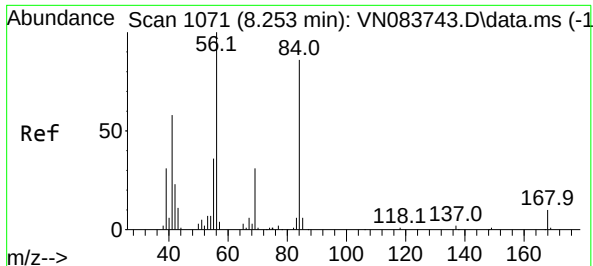
Ion Ratio Lower Upper

42 100

72 0.0 35.9 53.9#

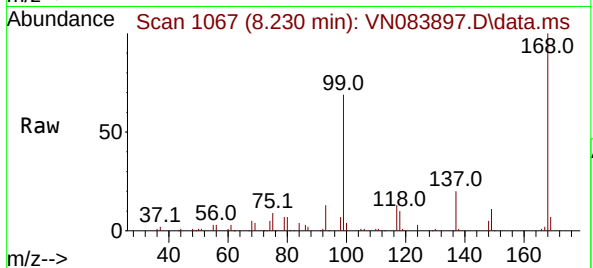
71 0.0 33.9 50.9#



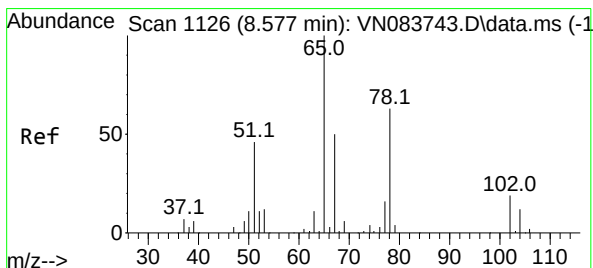
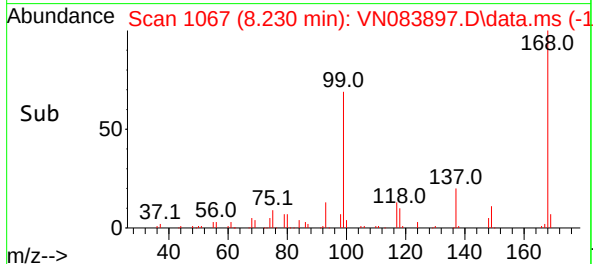
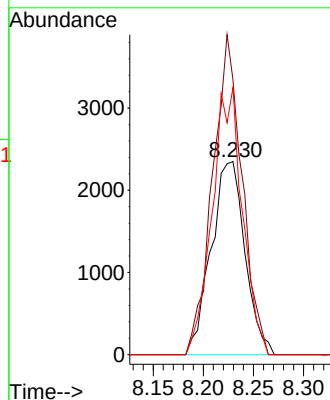


#31
Cyclohexane
Concen: 1.345 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :

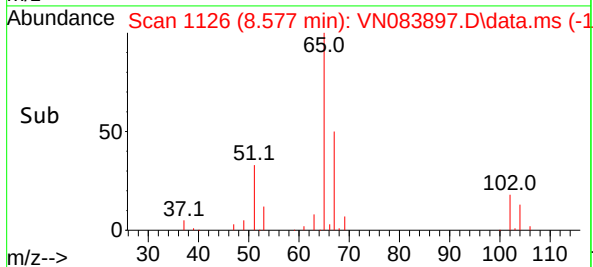
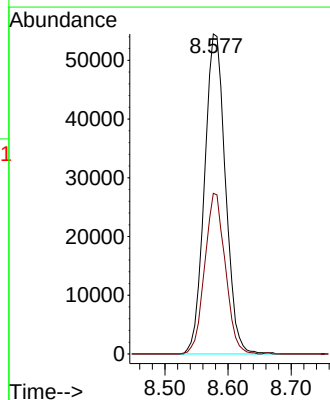
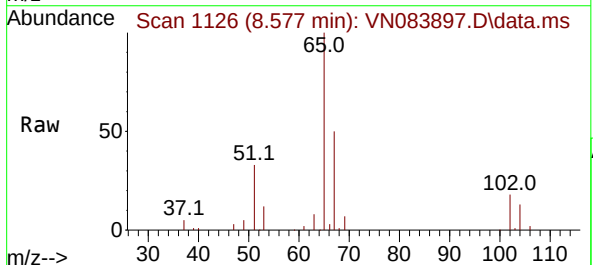


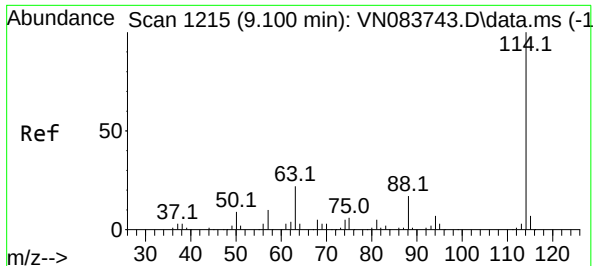
Tgt Ion: 56 Resp: 5514
Ion Ratio Lower Upper
56 100
69 142.1 26.9 40.3#
84 138.3 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 44.187 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Tgt Ion: 65 Resp: 125318
Ion Ratio Lower Upper
65 100
67 49.3 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: VN083897.D

Acq: 14 Sep 2024 17:56

Instrument :

MSVOA_N

ClientSampleId :

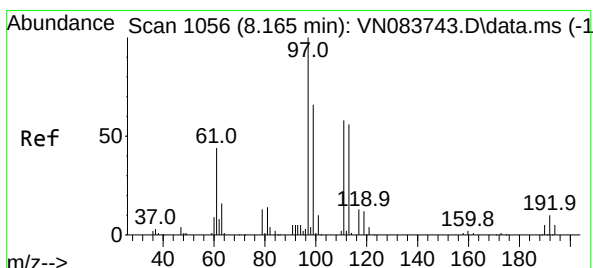
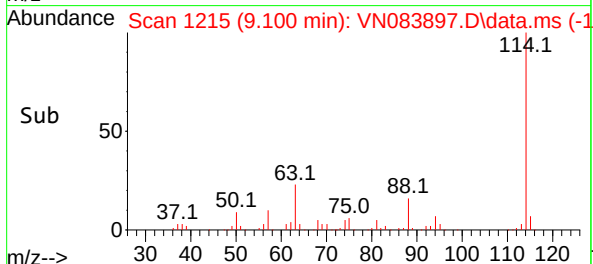
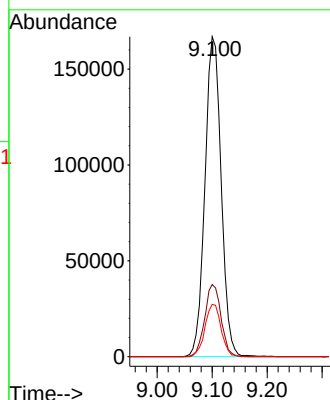
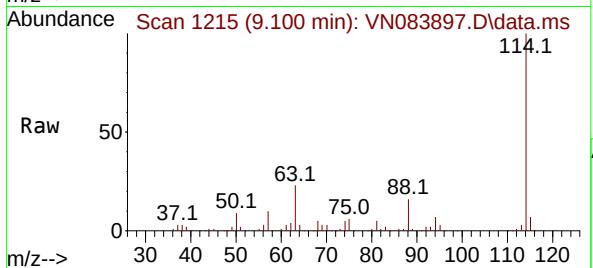
Tgt Ion:114 Resp: 342800

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.4

88 16.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 40.463 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083897.D

Acq: 14 Sep 2024 17:56

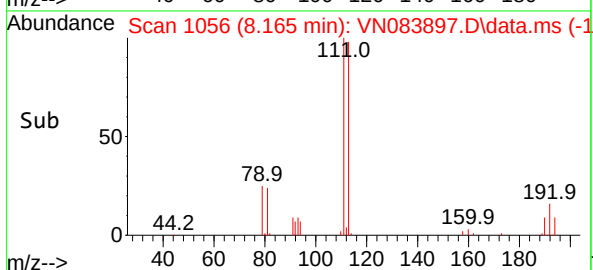
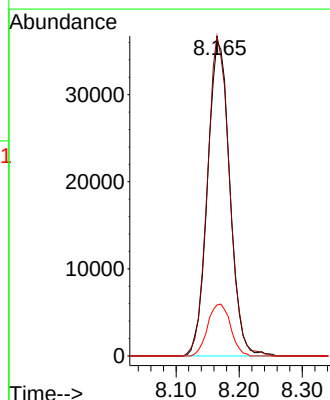
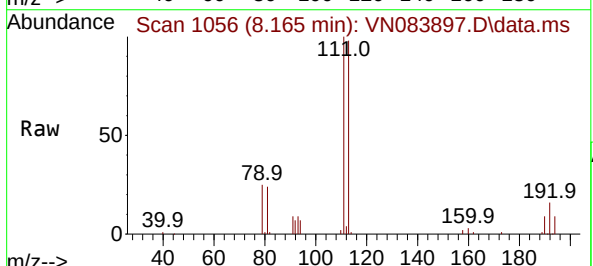
Tgt Ion:113 Resp: 88798

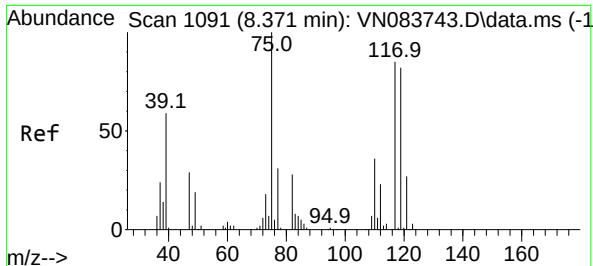
Ion Ratio Lower Upper

113 100

111 100.5 82.6 124.0

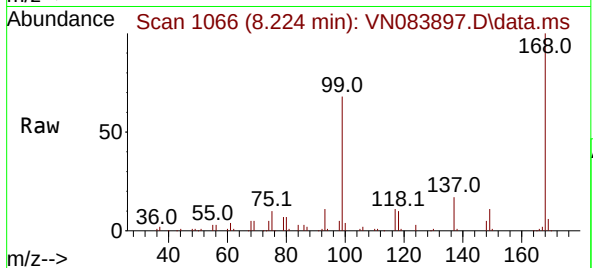
192 16.8 14.3 21.5



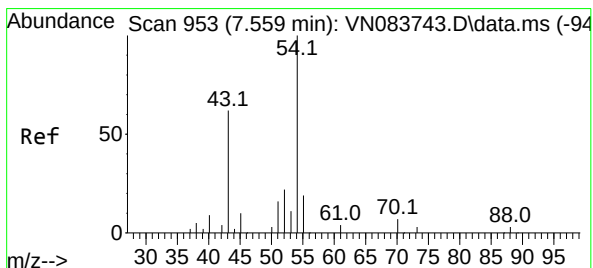
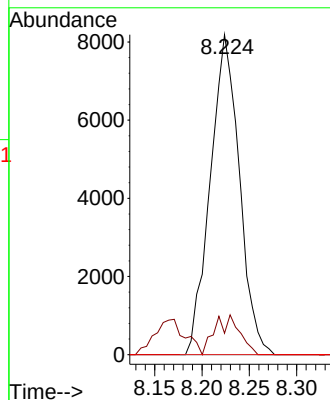
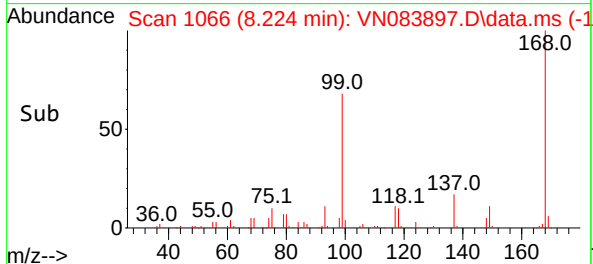


#36
1,1-Dichloropropene
Concen: 5.308 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :

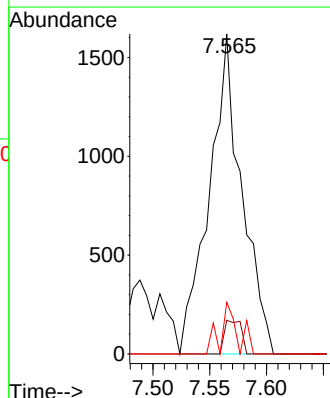
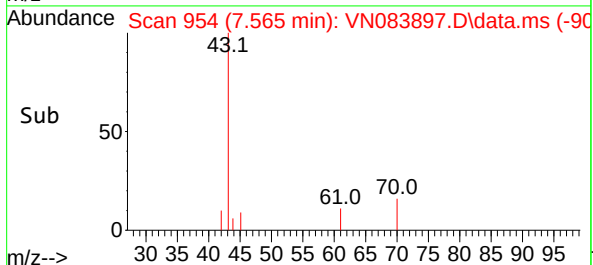
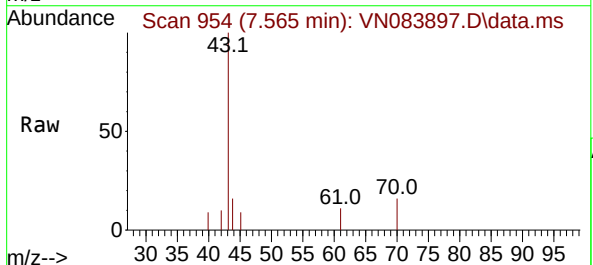


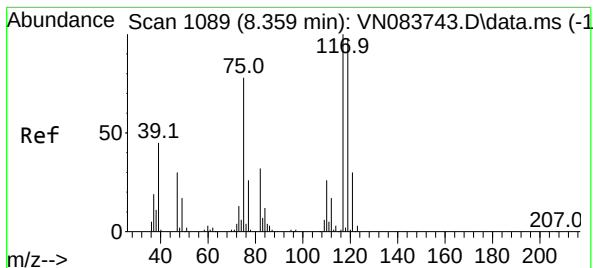
Tgt Ion: 75 Resp: 17532
Ion Ratio Lower Upper
75 100
110 5.0 16.7 50.1#
77 0.0 25.2 37.8#



#37
Ethyl Acetate
Concen: 1.077 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Tgt Ion: 43 Resp: 3230
Ion Ratio Lower Upper
43 100
61 5.4 11.1 16.7#
70 8.3 8.8 13.2#





#38

Carbon Tetrachloride

Concen: 6.022 ug/l

RT: 8.230 min Scan# 110

Delta R.T. -0.129 min

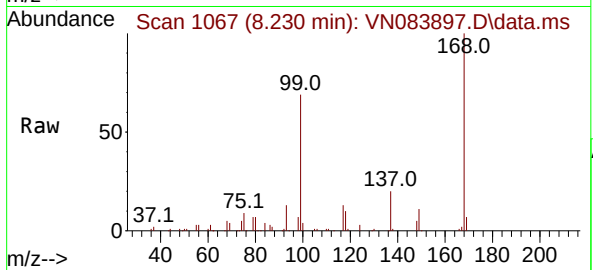
Lab File: VN083897.D

Acq: 14 Sep 2024 17:56

Instrument :

MSVOA_N

ClientSampleId :



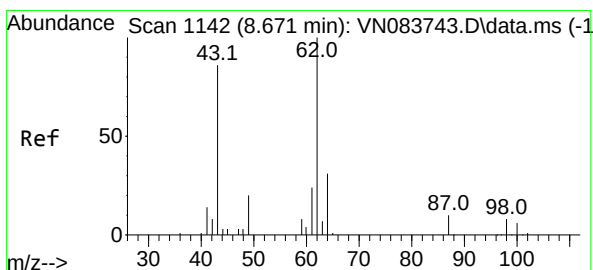
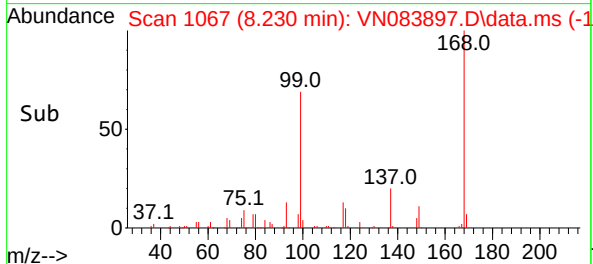
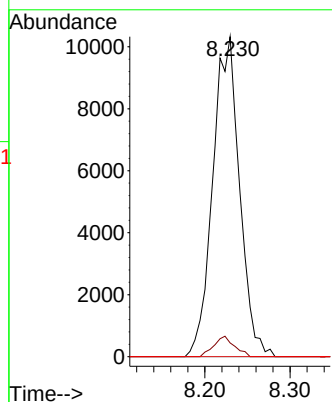
Tgt Ion:117 Resp: 22567

Ion Ratio Lower Upper

117 100

119 4.3 76.1 114.1#

121 0.0 24.1 36.1#



#42

1,2-Dichloroethane

Concen: 0.223 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.018 min

Lab File: VN083897.D

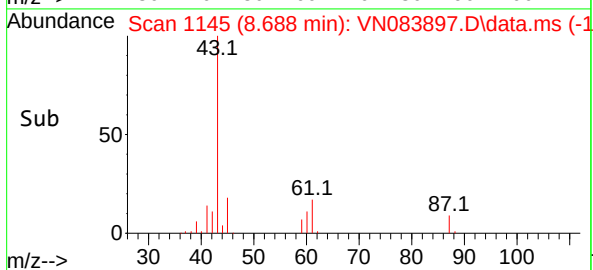
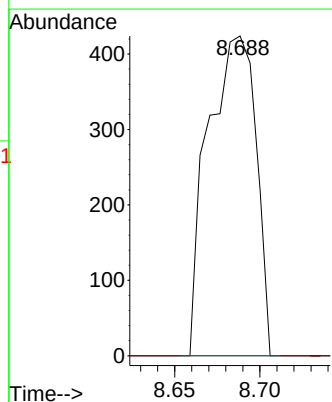
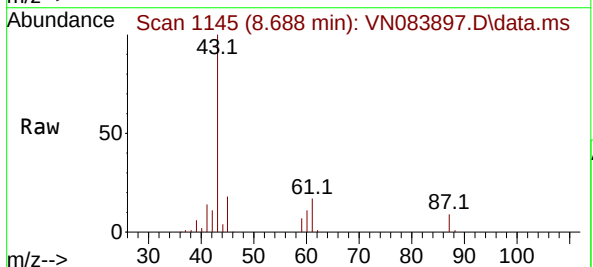
Acq: 14 Sep 2024 17:56

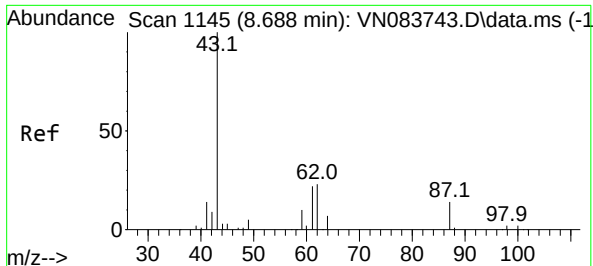
Tgt Ion: 62 Resp: 830

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.6





#43

Isopropyl Acetate

Concen: 45.826 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN083897.D

Acq: 14 Sep 2024 17:56

Instrument :

MSVOA_N

ClientSampleId :

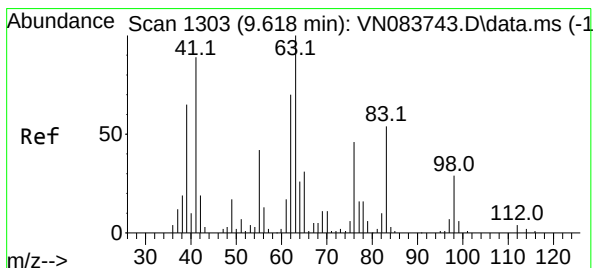
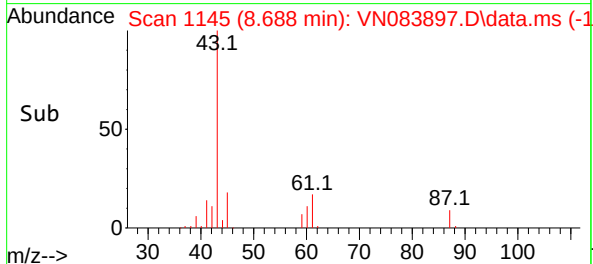
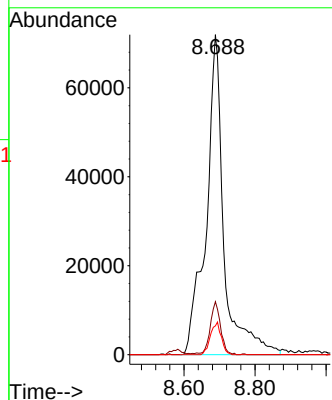
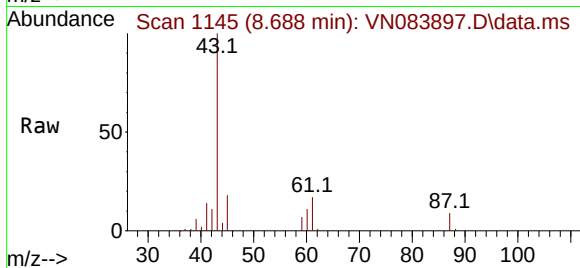
Tgt Ion: 43 Resp: 248982

Ion Ratio Lower Upper

43 100

61 9.8 19.4 29.0#

87 6.2 9.8 14.6#



#45

1,2-Dichloropropane

Concen: 0.587 ug/l

RT: 9.735 min Scan# 1323

Delta R.T. 0.118 min

Lab File: VN083897.D

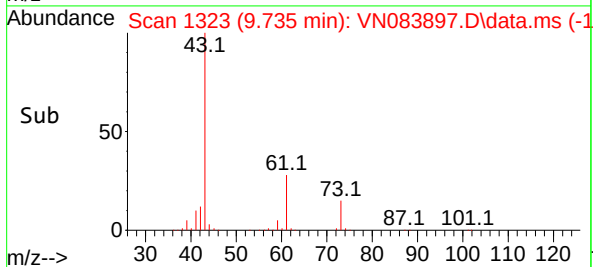
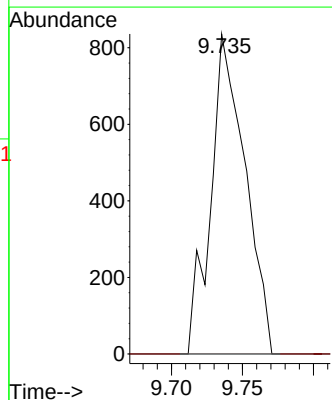
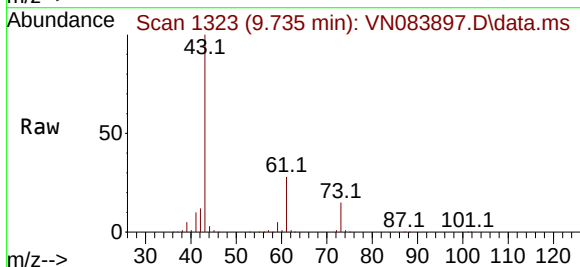
Acq: 14 Sep 2024 17:56

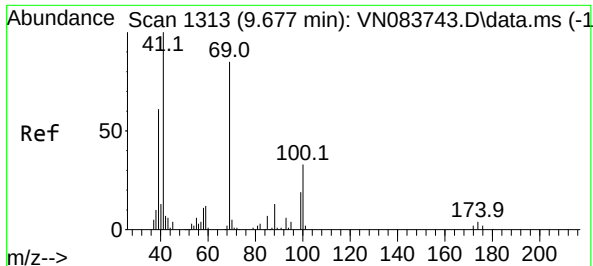
Tgt Ion: 63 Resp: 1411

Ion Ratio Lower Upper

63 100

65 0.0 25.9 38.9#





#48

Methyl methacrylate

Concen: 42.298 ug/l

RT: 9.741 min Scan# 1

Delta R.T. 0.065 min

Lab File: VN083897.D

Acq: 14 Sep 2024 17:56

Instrument :

MSVOA_N

ClientSampleId :

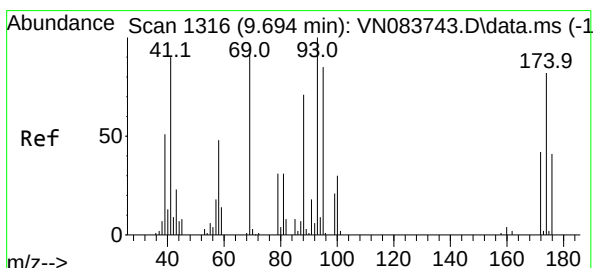
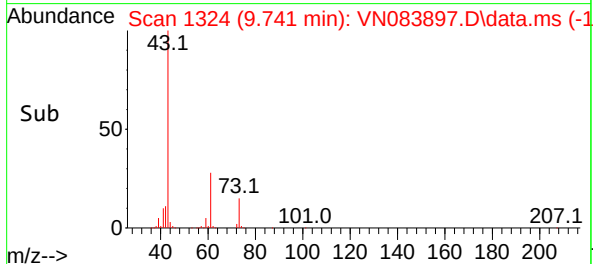
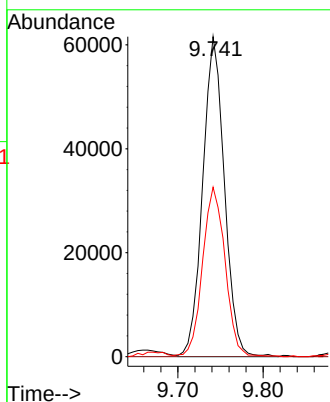
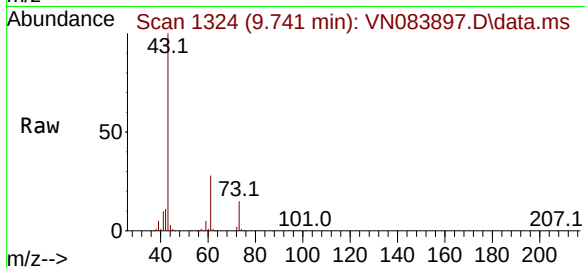
Tgt Ion: 41 Resp: 109034

Ion Ratio Lower Upper

41 100

69 0.0 64.3 96.5#

39 55.0 48.9 73.3



#49

1,4-Dioxane

Concen: 1.321 ug/l

RT: 9.735 min Scan# 1323

Delta R.T. 0.041 min

Lab File: VN083897.D

Acq: 14 Sep 2024 17:56

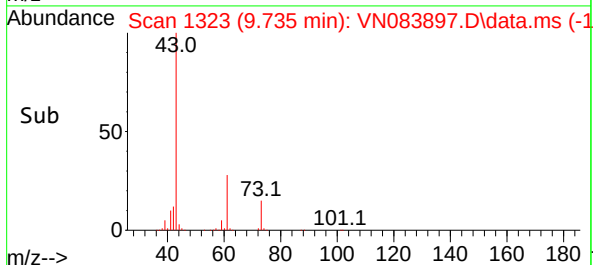
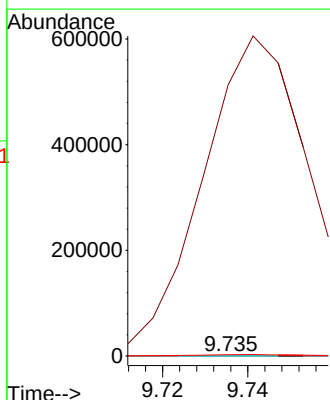
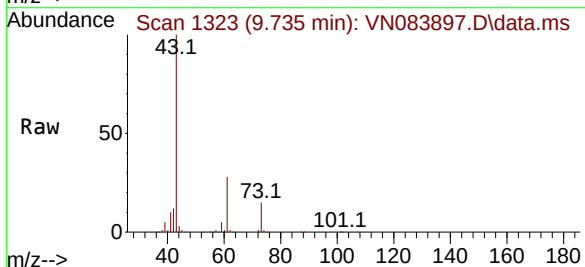
Tgt Ion: 88 Resp: 56

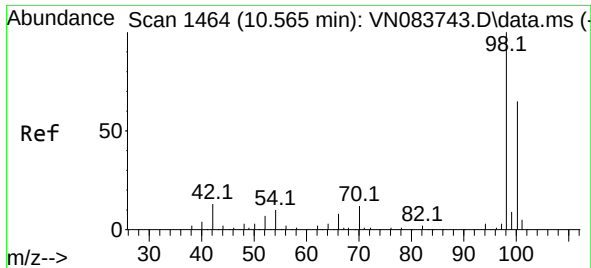
Ion Ratio Lower Upper

88 100

43 1937208.9 0.0 0.0#

58 8323.2 57.1 85.7#

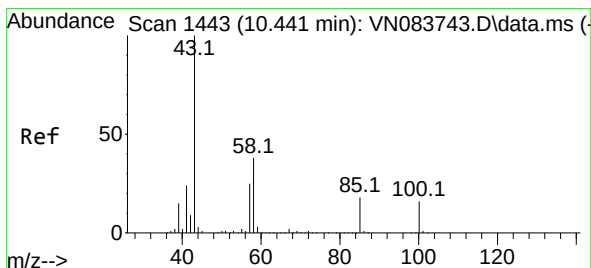
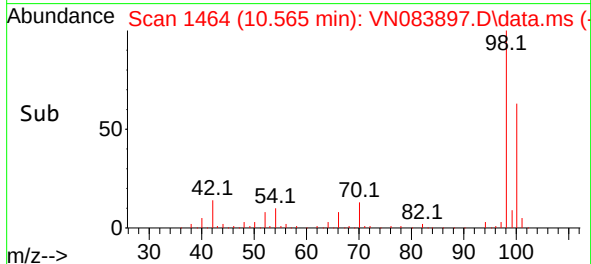
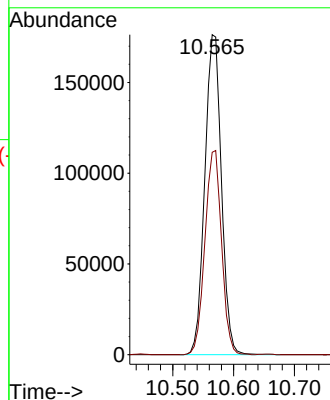
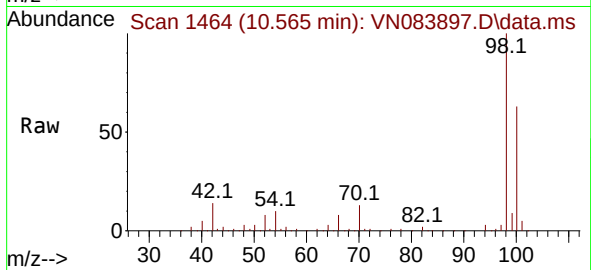




#50
Toluene-d8
Concen: 44.040 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

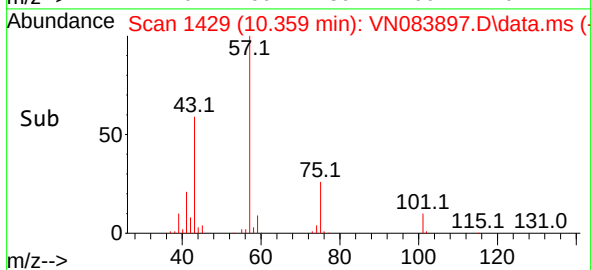
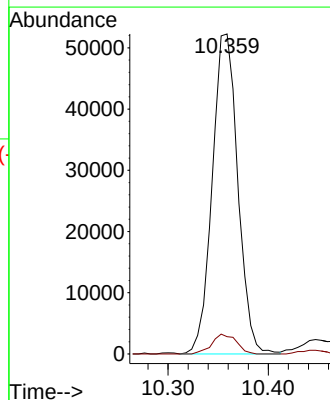
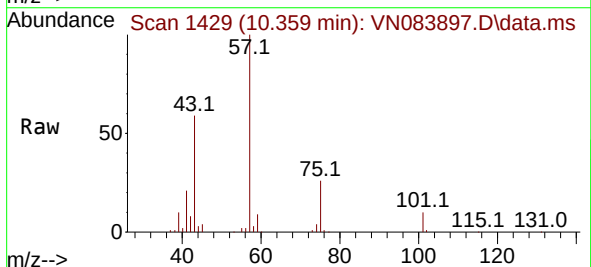
Instrument :
MSVOA_N
ClientSampleId :

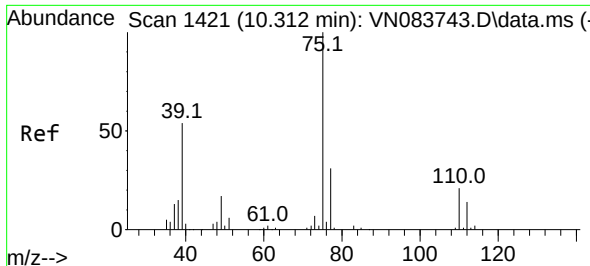
Tgt Ion: 98 Resp: 334117
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 31.345 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. -0.082 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

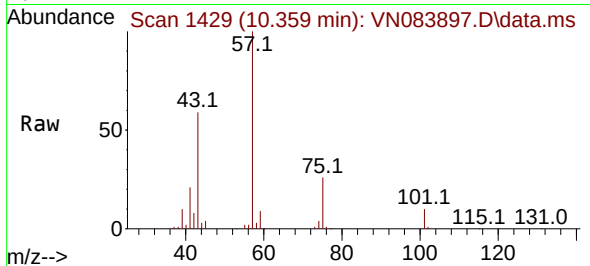
Tgt Ion: 43 Resp: 92707
Ion Ratio Lower Upper
43 100
58 5.9 31.6 47.4#



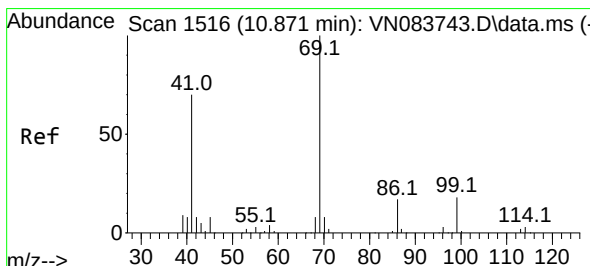
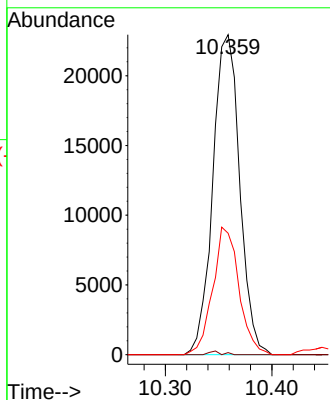
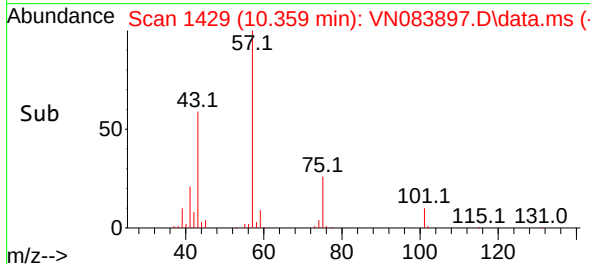


#54
 cis-1,3-Dichloropropene
 Concen: 10.351 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN083897.D
 Acq: 14 Sep 2024 17:56

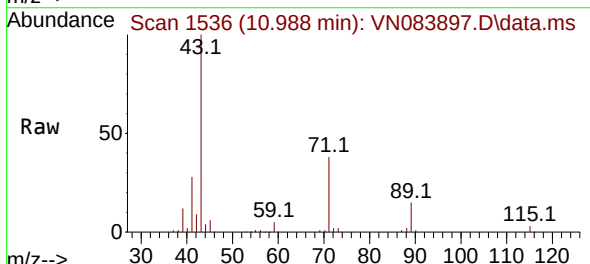
Instrument :
 MSVOA_N
 ClientSampleId :



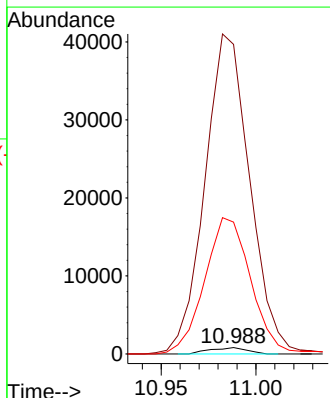
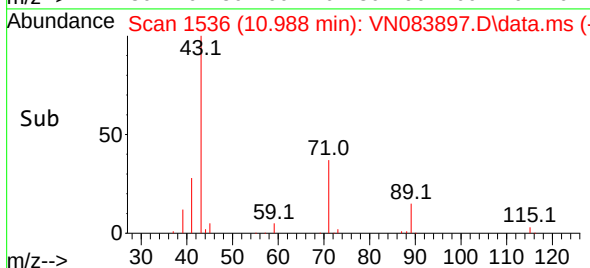
Tgt Ion: 75 Resp: 40144
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.0 37.6#
 39 37.9 42.6 64.0#

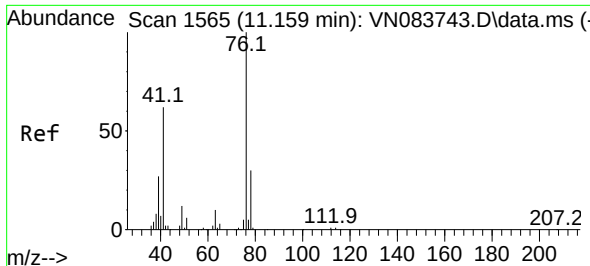


#56
 Ethyl methacrylate
 Concen: 0.322 ug/l
 RT: 10.988 min Scan# 1536
 Delta R.T. 0.118 min
 Lab File: VN083897.D
 Acq: 14 Sep 2024 17:56



Tgt Ion: 69 Resp: 1123
 Ion Ratio Lower Upper
 69 100
 41 6054.4 53.9 80.9#
 39 2650.9 32.6 48.8#





#57

1,3-Dichloropropane

Concen: 1.413 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.047 min

Lab File: VN083897.D

Acq: 14 Sep 2024 17:56

Instrument :

MSVOA_N

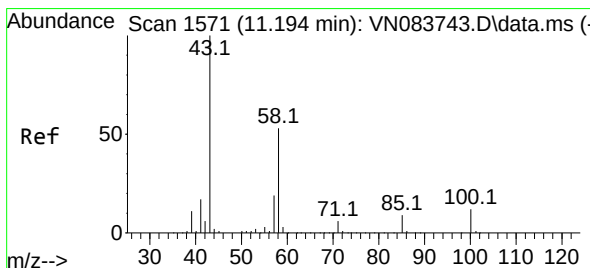
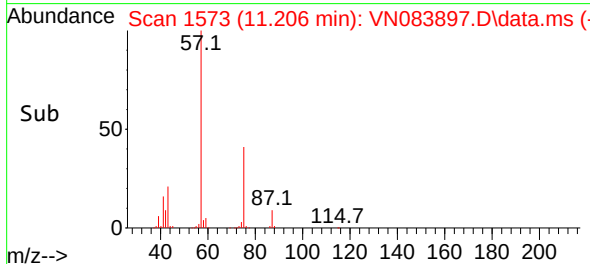
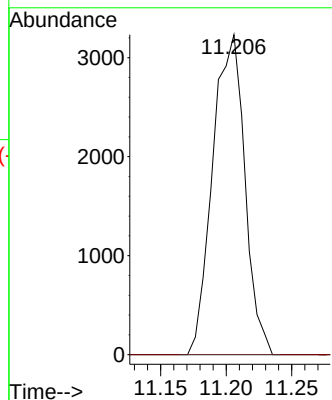
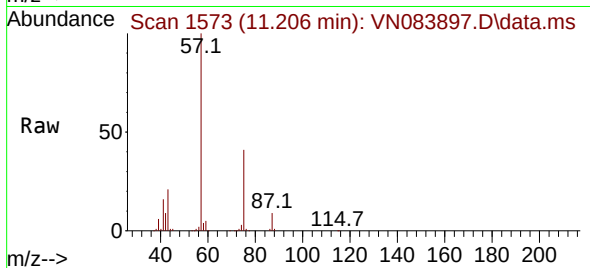
ClientSampleId :

Tgt Ion: 76 Resp: 5513

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#59

2-Hexanone

Concen: 32.566 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.006 min

Lab File: VN083897.D

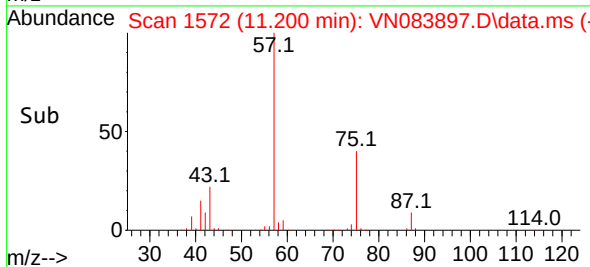
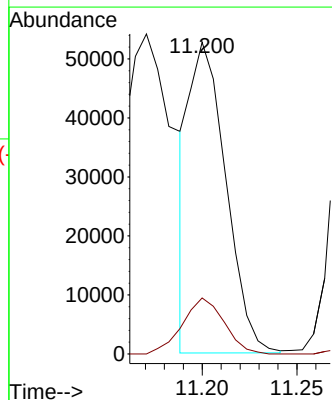
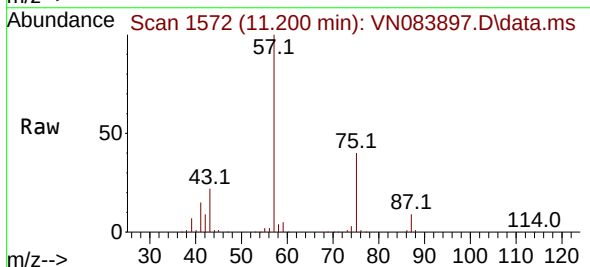
Acq: 14 Sep 2024 17:56

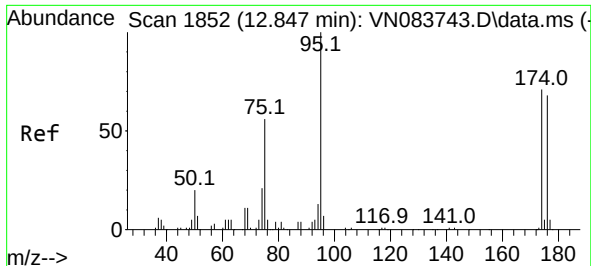
Tgt Ion: 43 Resp: 71248

Ion Ratio Lower Upper

43 100

58 20.4 27.2 81.5#

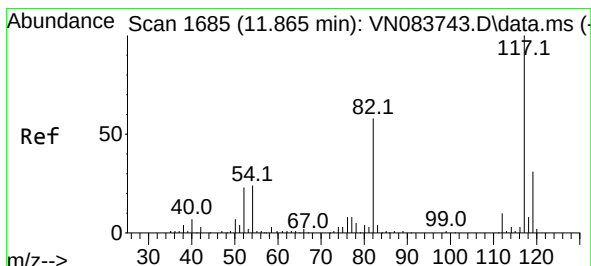
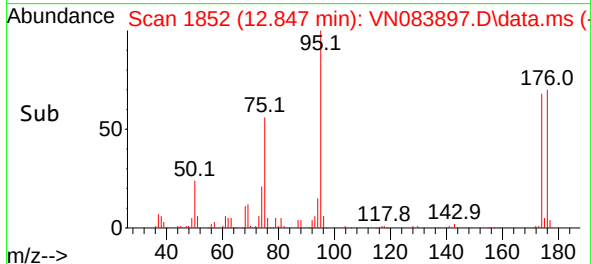
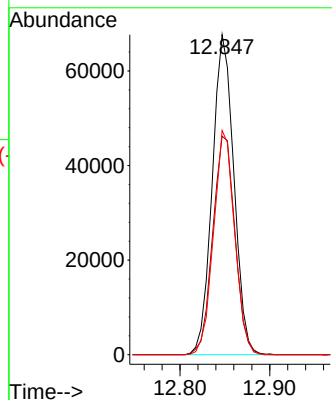
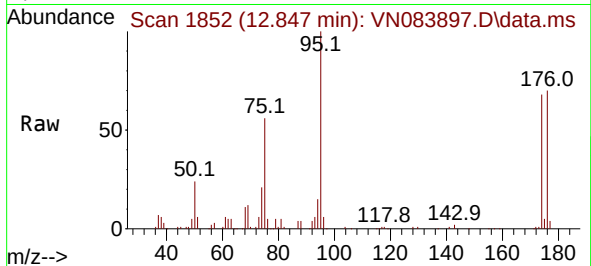




#62
4-Bromofluorobenzene
Concen: 36.111 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

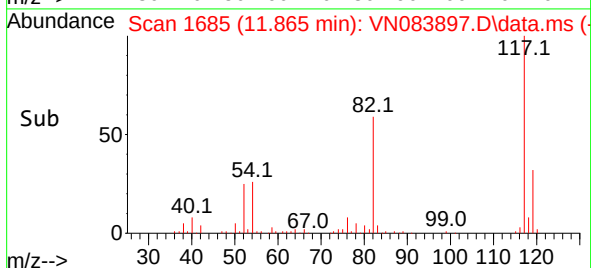
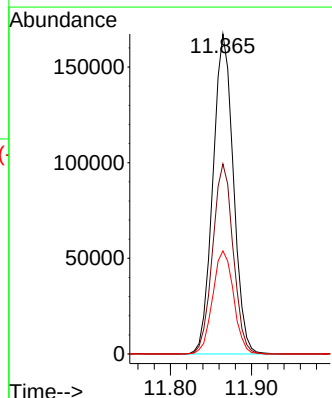
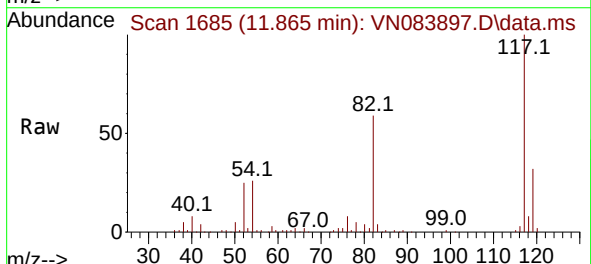
Instrument :
MSVOA_N
ClientSampleId :

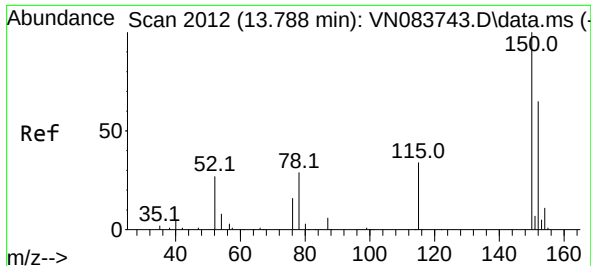
Tgt Ion: 95 Resp: 113030
Ion Ratio Lower Upper
95 100
174 70.3 0.0 139.8
176 68.3 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

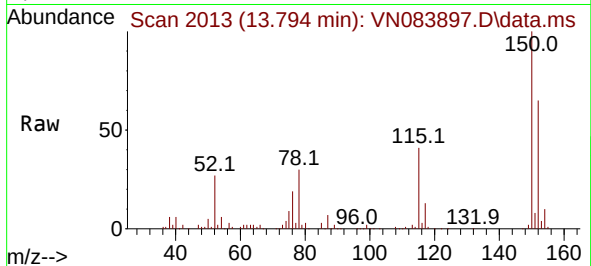
Tgt Ion: 117 Resp: 293013
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.0
119 32.2 26.3 39.5



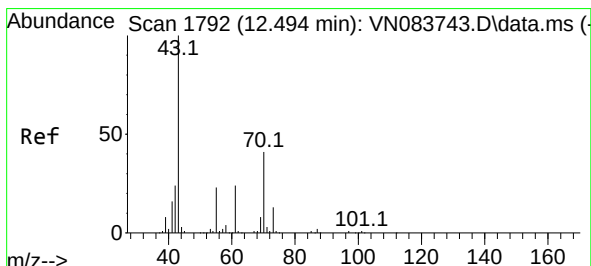
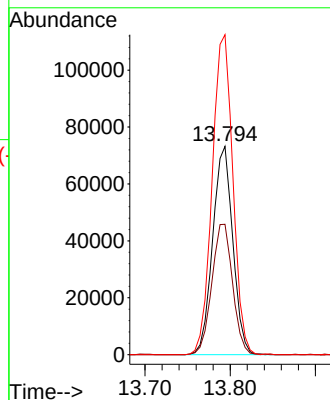
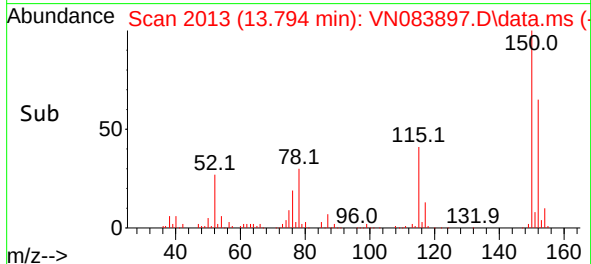


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN083897.D
 Acq: 14 Sep 2024 17:56

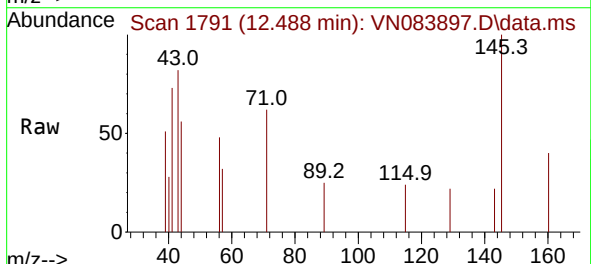
Instrument :
 MSVOA_N
 ClientSampleId :



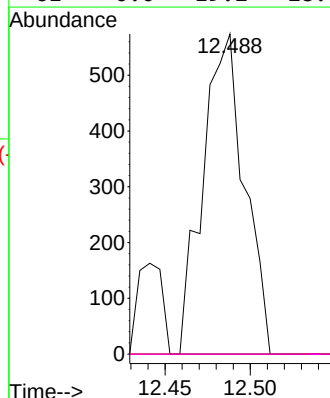
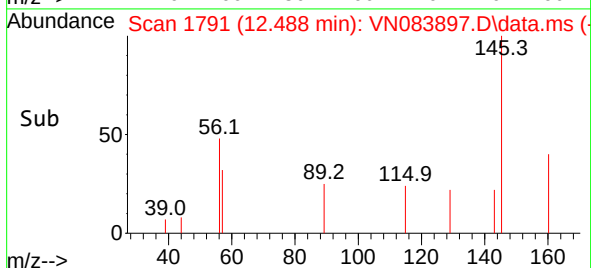
Tgt Ion:152 Resp: 120000
 Ion Ratio Lower Upper
 152 100
 115 64.7 32.2 96.6
 150 157.9 0.0 348.6

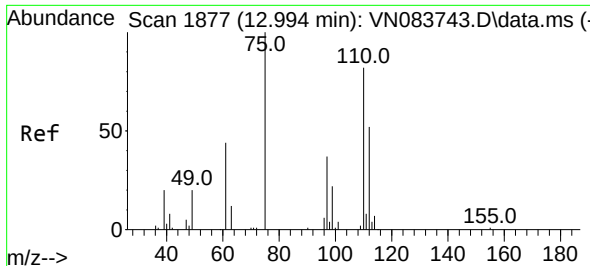


#74
 N-ethyl acetate
 Concen: 0.247 ug/l
 RT: 12.488 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VN083897.D
 Acq: 14 Sep 2024 17:56



Tgt Ion: 43 Resp: 979
 Ion Ratio Lower Upper
 43 100
 70 0.0 34.5 51.7#
 55 0.0 18.6 28.0#
 61 0.0 19.2 28.8#

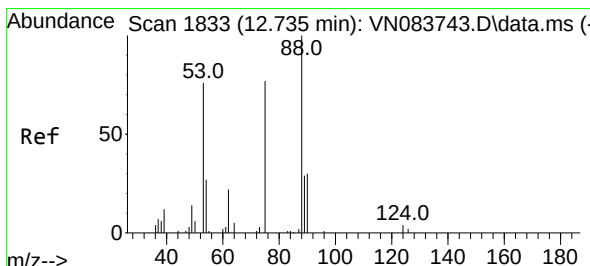
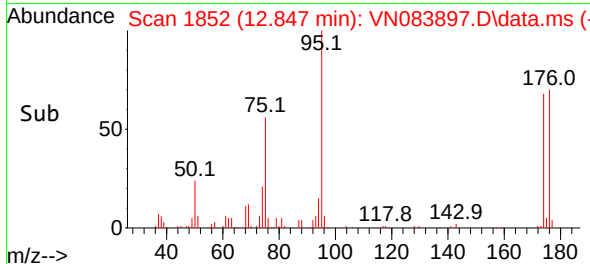
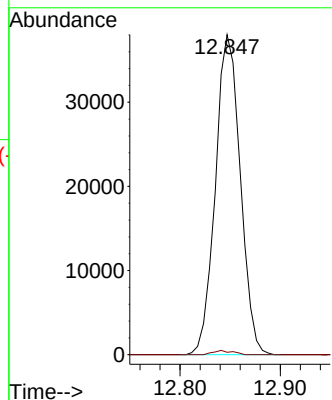
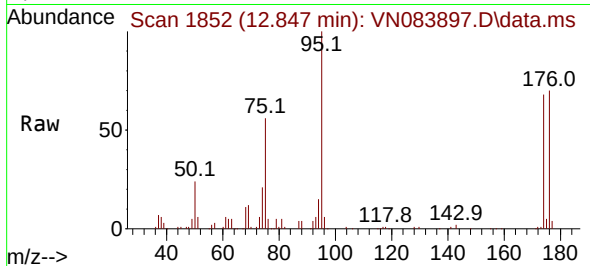




#76
1,2,3-Trichloropropane
Concen: 27.079 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 65567
Ion Ratio Lower Upper
75 100
77 1.0 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.921 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083897.D
Acq: 14 Sep 2024 17:56

Tgt Ion: 75 Resp: 65567
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

