

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083944.D
 Acq On : 17 Sep 2024 14:41
 Operator : JC\MD
 Sample : P3989-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Sep 18 01:49:19 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

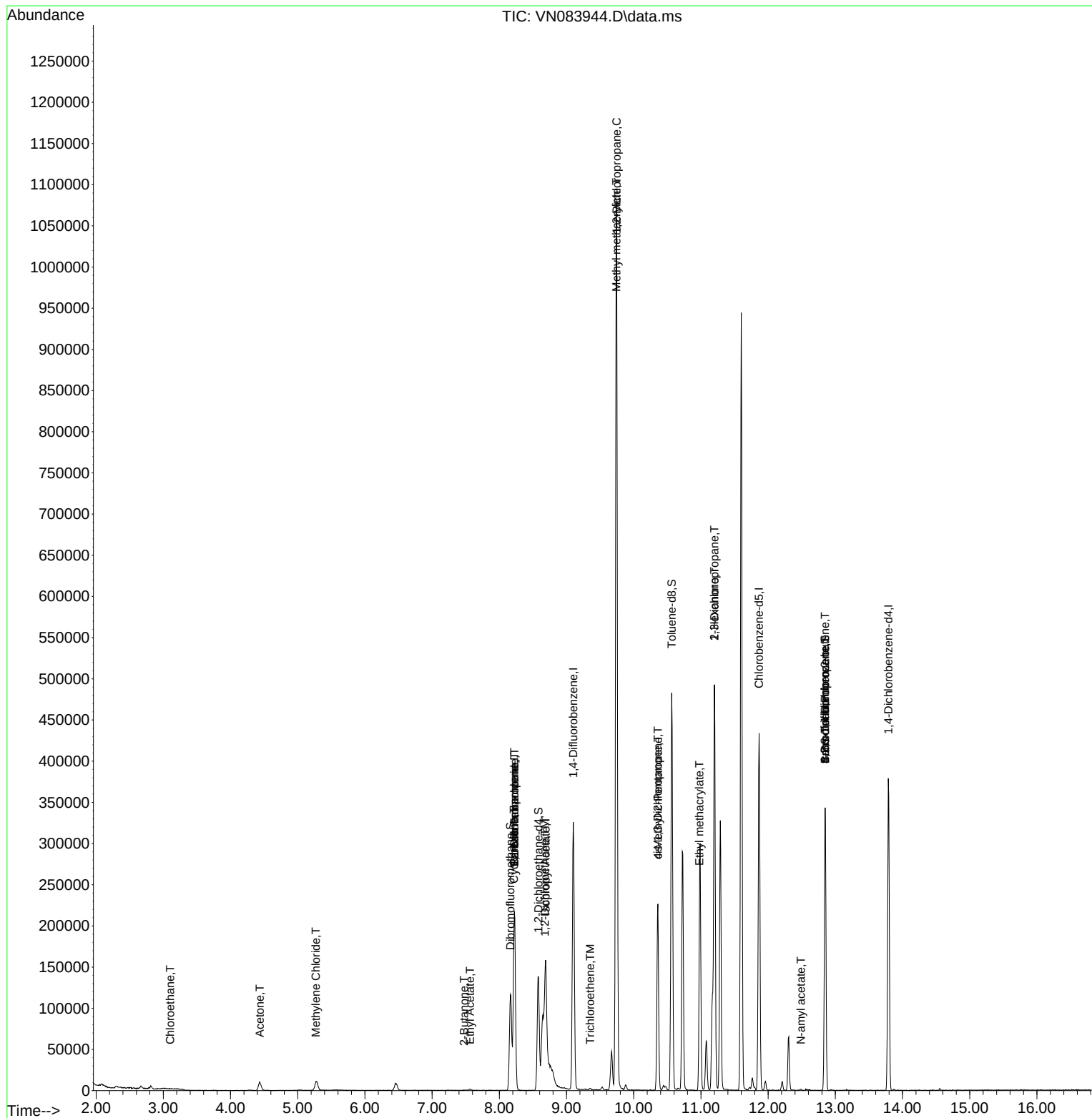
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	148299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	228921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	95472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	120141	53.727	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.460%	
35) Dibromofluoromethane	8.165	113	83160	49.410	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.820%	
50) Toluene-d8	10.565	98	315001	54.139	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.280%	
62) 4-Bromofluorobenzene	12.847	95	114811	47.827	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	188	Below Cal	#	41
6) Chloroethane	3.101	64	698	0.527	ug/l #	45
16) Acetone	4.436	43	20020	22.333	ug/l	95
18) Methyl Acetate	5.024	43	710	Below Cal	#	52
20) Methylene Chloride	5.271	84	8177	4.458	ug/l	97
25) 2-Butanone	7.477	43	1111	0.943	ug/l #	49
31) Cyclohexane	8.218	56	4297	1.330	ug/l #	8
36) 1,1-Dichloropropene	8.224	75	14306	5.647	ug/l #	49
37) Ethyl Acetate	7.565	43	2832	1.232	ug/l #	74
38) Carbon Tetrachloride	8.224	117	17772	6.184	ug/l #	17
42) 1,2-Dichloroethane	8.677	62	1024	0.359	ug/l #	77
43) Isopropyl Acetate	8.688	43	320437	76.901	ug/l #	71
44) Trichloroethene	9.353	130	619	0.351	ug/l	65
45) 1,2-Dichloropropane	9.747	63	1257	0.682	ug/l #	42
48) Methyl methacrylate	9.741	41	103653	52.431	ug/l #	45
51) 4-Methyl-2-Pentanone	10.359	43	87241	38.462	ug/l #	45
54) cis-1,3-Dichloropropene	10.359	75	37696	12.674	ug/l #	66
56) Ethyl methacrylate	10.977	69	1353	0.505	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	4780	1.597	ug/l #	42
59) 2-Hexanone	11.200	43	64964	38.718	ug/l #	52
71) Bromoform	12.847	173	501	0.422	ug/l #	1
74) N-amyl acetate	12.488	43	772	0.245	ug/l #	43
76) 1,2,3-Trichloropropane	12.847	75	65380	33.938	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	65380	88.887	ug/l #	9

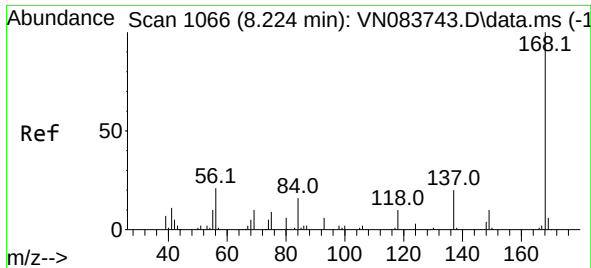
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
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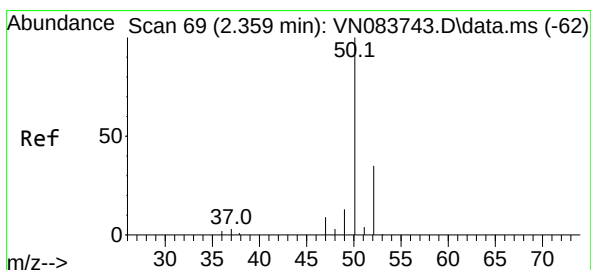
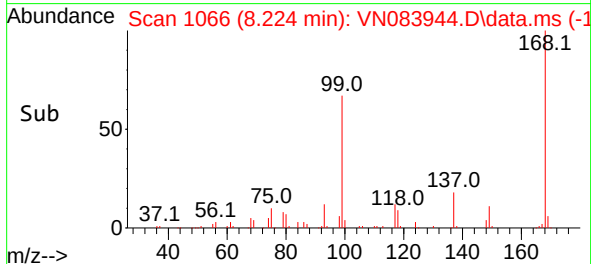
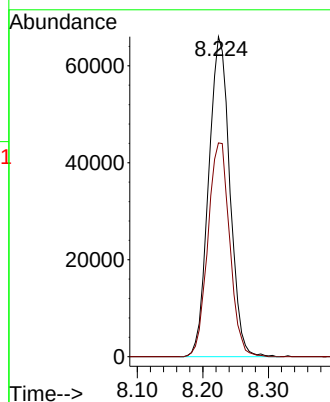
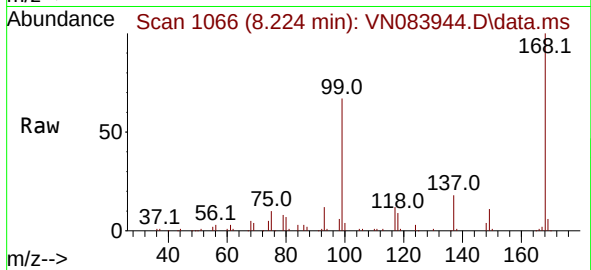




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083944.D
Acq: 17 Sep 2024 14:41

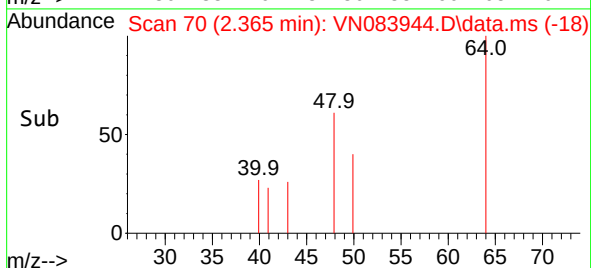
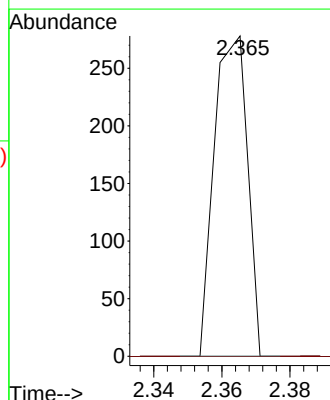
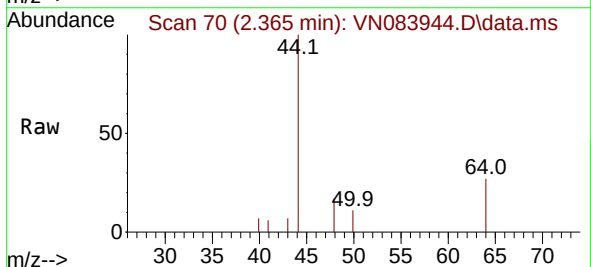
Instrument :
MSVOA_N
ClientSampleId :
TP-3

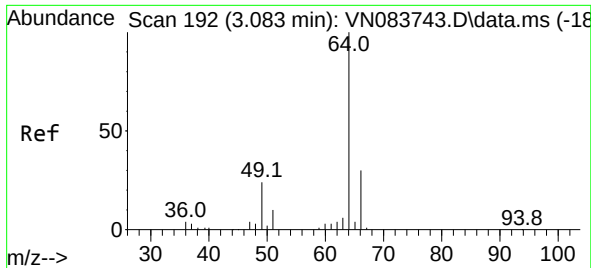
Tgt Ion:168 Resp: 148299
Ion Ratio Lower Upper
168 100
99 66.8 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083944.D
Acq: 17 Sep 2024 14:41

Tgt Ion: 50 Resp: 188
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

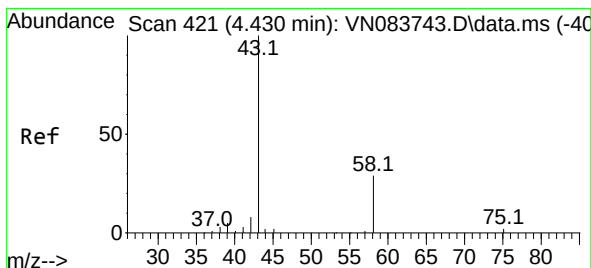
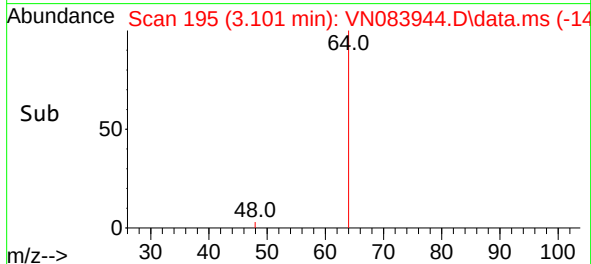
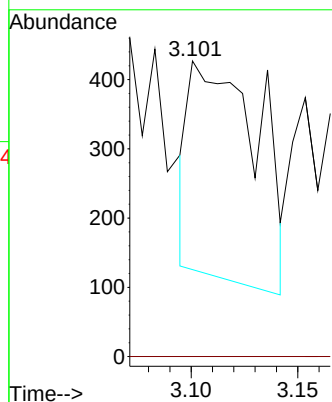
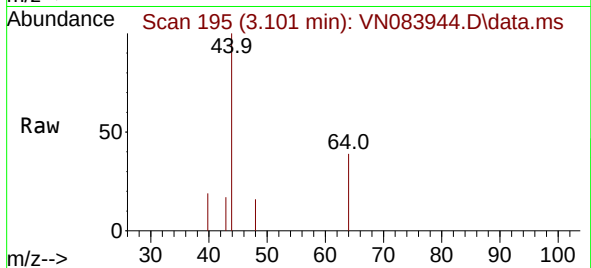




#6
Chloroethane
Concen: 0.527 ug/l
RT: 3.101 min Scan# 192
Delta R.T. 0.018 min
Lab File: VN083944.D
Acq: 17 Sep 2024 14:41

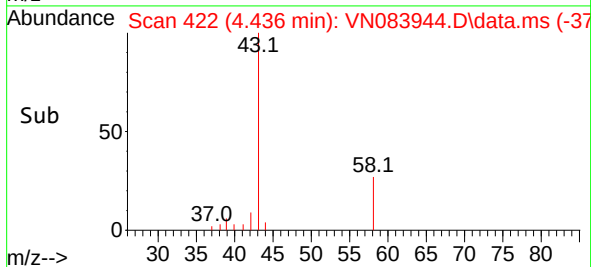
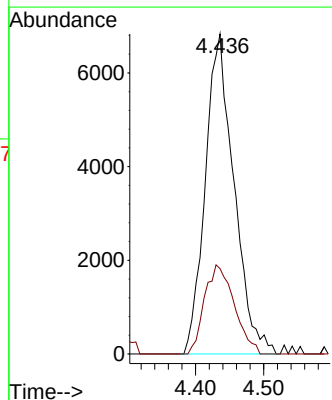
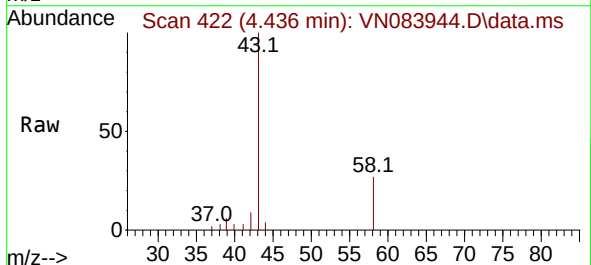
Instrument :
MSVOA_N
ClientSampleId :
TP-3

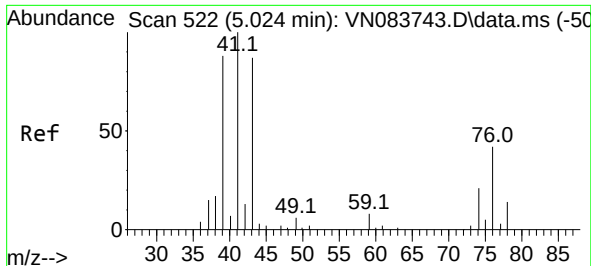
Tgt Ion: 64 Resp: 698
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#



#16
Acetone
Concen: 22.333 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083944.D
Acq: 17 Sep 2024 14:41

Tgt Ion: 43 Resp: 20020
Ion Ratio Lower Upper
43 100
58 26.7 23.7 35.5





#18

Methyl Acetate

Concen: Below Cal

RT: 5.024 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN083944.D

Acq: 17 Sep 2024 14:41

Instrument :

MSVOA_N

ClientSampleId :

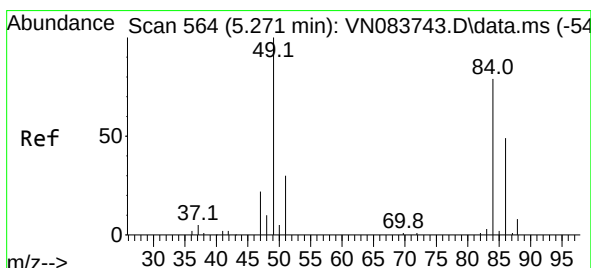
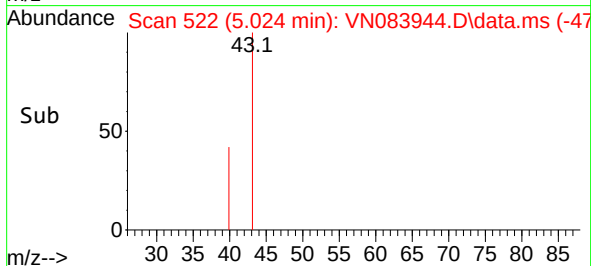
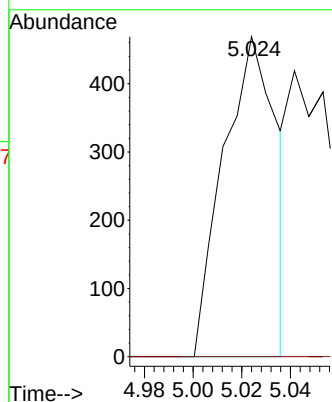
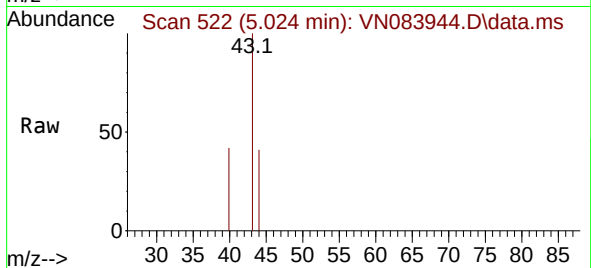
TP-3

Tgt Ion: 43 Resp: 710

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#



#20

Methylene Chloride

Concen: 4.458 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.000 min

Lab File: VN083944.D

Acq: 17 Sep 2024 14:41

Tgt Ion: 84 Resp: 8177

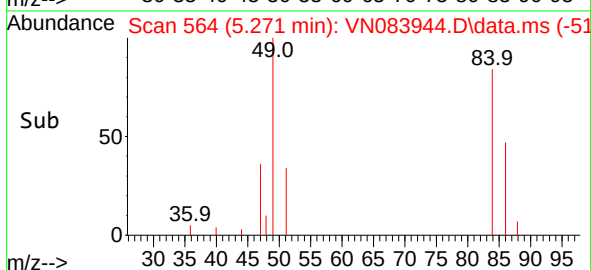
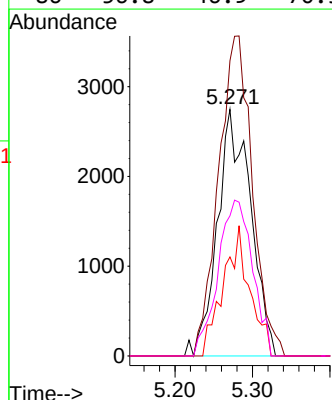
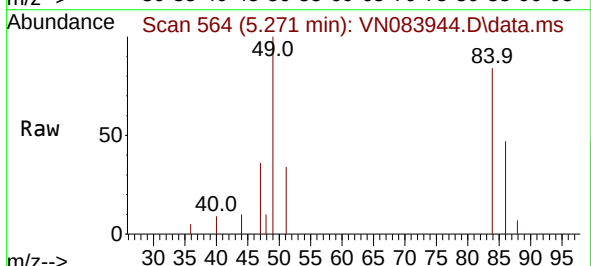
Ion Ratio Lower Upper

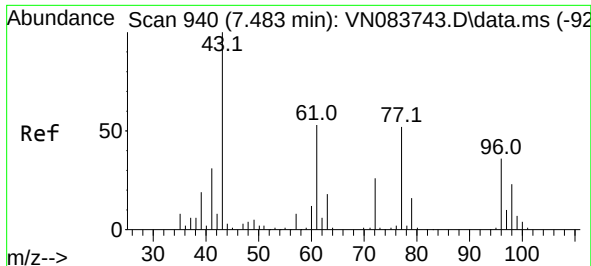
84 100

49 119.7 93.4 140.0

51 40.2 29.2 43.8

86 56.8 46.9 70.3

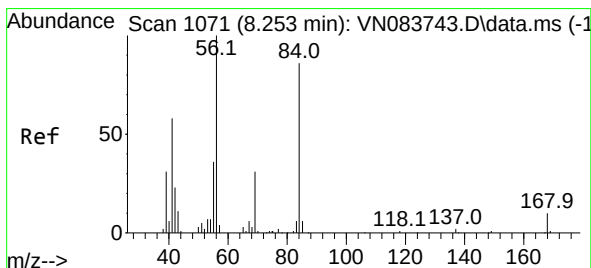
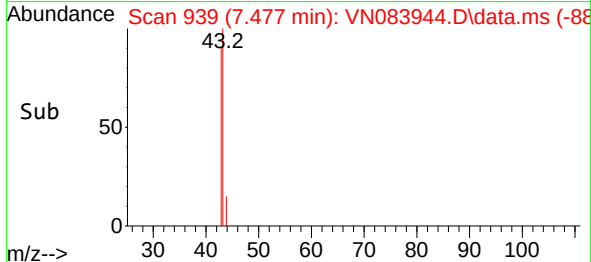
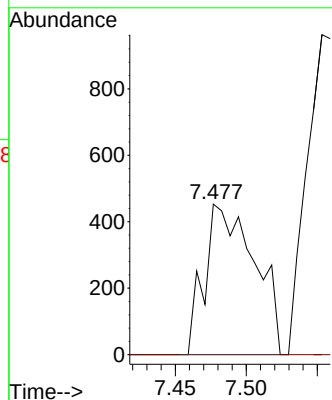
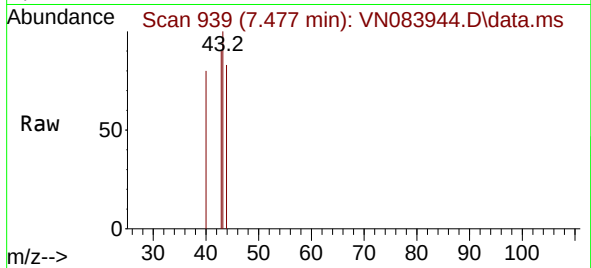




#25
2-Butanone
Concen: 0.943 ug/l
RT: 7.477 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN083944.D
Acq: 17 Sep 2024 14:41

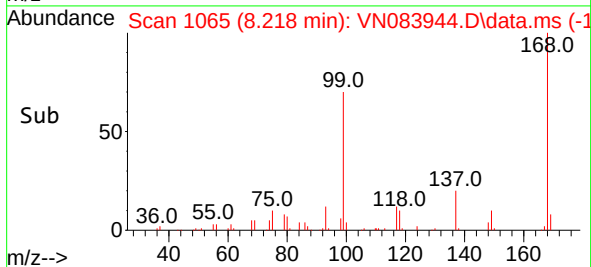
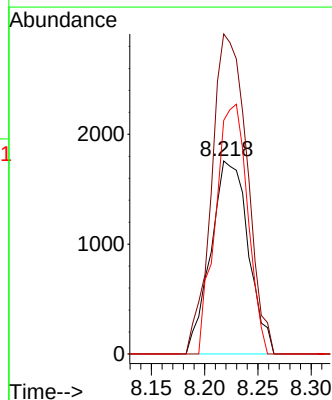
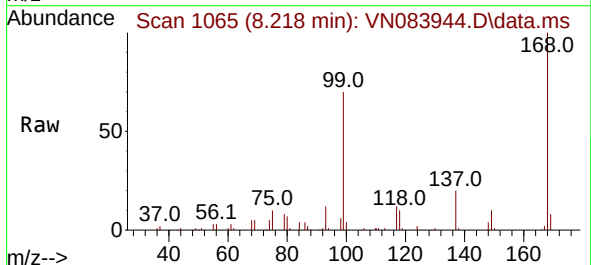
Instrument :
MSVOA_N
ClientSampleId :
TP-3

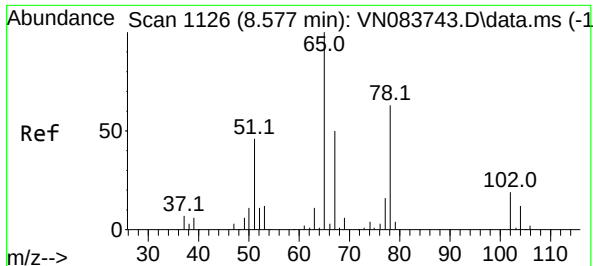
Tgt Ion: 43 Resp: 1111
Ion Ratio Lower Upper
43 100
72 0.0 20.8 31.2#



#31
Cyclohexane
Concen: 1.330 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083944.D
Acq: 17 Sep 2024 14:41

Tgt Ion: 56 Resp: 4297
Ion Ratio Lower Upper
56 100
69 165.8 26.9 40.3#
84 121.0 69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 53.727 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN083944.D

Acq: 17 Sep 2024 14:41

Instrument :

MSVOA_N

ClientSampleId :

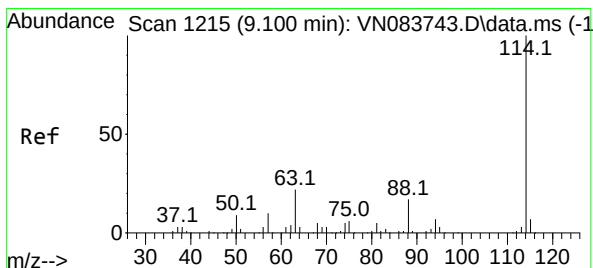
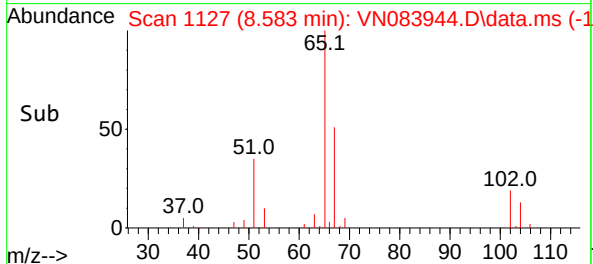
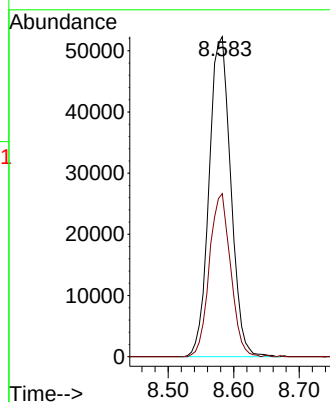
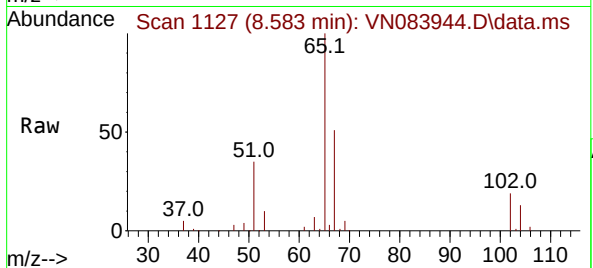
TP-3

Tgt Ion: 65 Resp: 120141

Ion Ratio Lower Upper

65 100

67 49.8 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083944.D

Acq: 17 Sep 2024 14:41

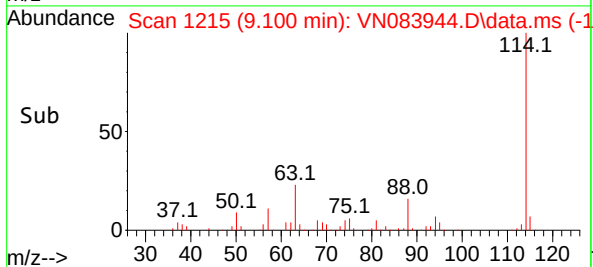
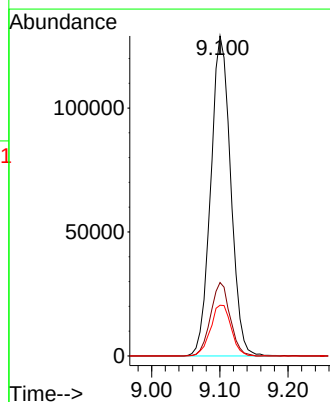
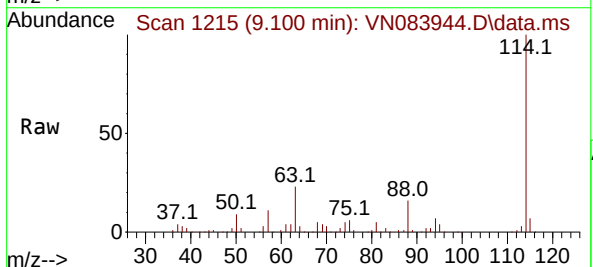
Tgt Ion: 114 Resp: 262901

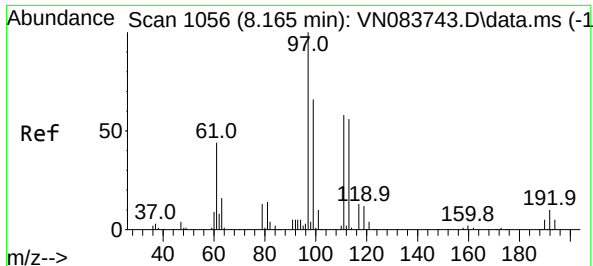
Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.4

88 15.9 0.0 32.6

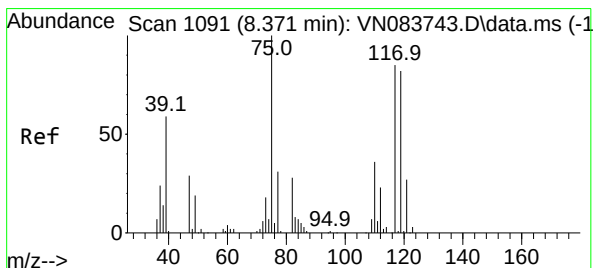
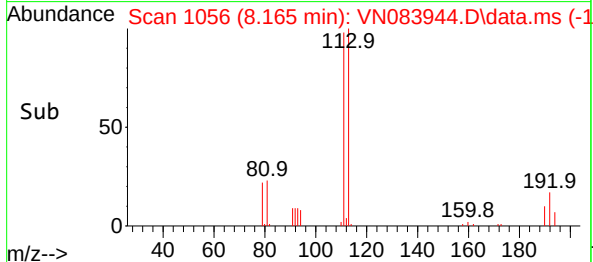
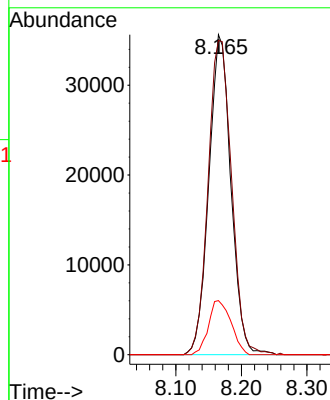
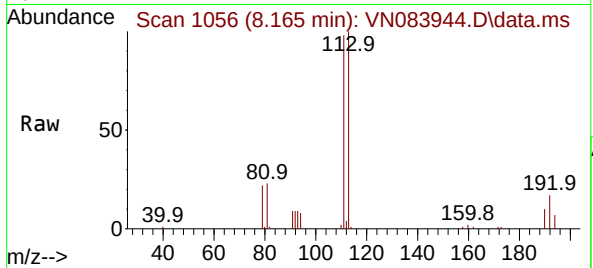




#35
Dibromofluoromethane
Concen: 49.410 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083944.D
Acq: 17 Sep 2024 14:41

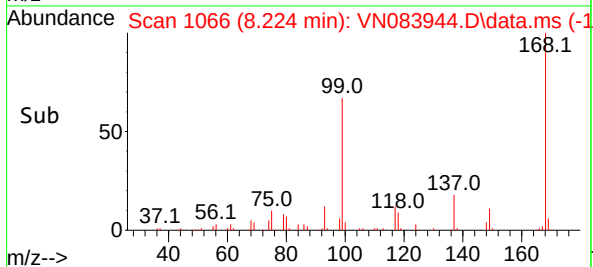
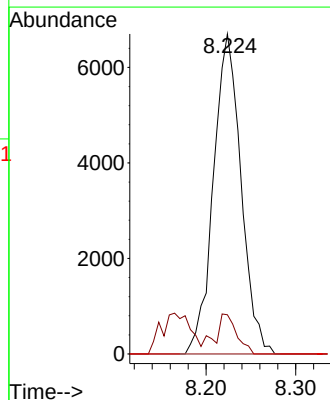
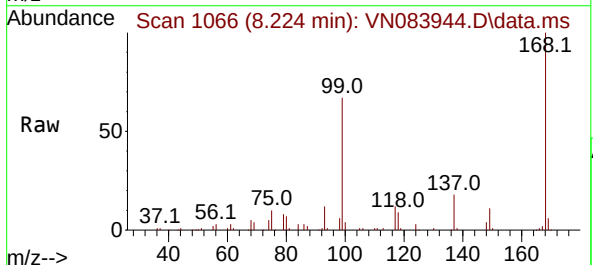
Instrument :
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TP-3

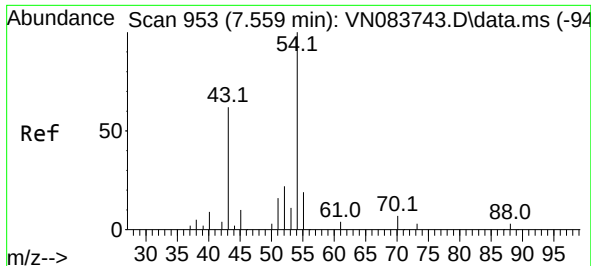
Tgt Ion:113 Resp: 83160
Ion Ratio Lower Upper
113 100
111 104.5 82.6 124.0
192 17.3 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.647 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083944.D
Acq: 17 Sep 2024 14:41

Tgt Ion: 75 Resp: 14306
Ion Ratio Lower Upper
75 100
110 7.9 16.7 50.1#
77 0.0 25.2 37.8#





#37

Ethyl Acetate

Concen: 1.232 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN083944.D

Acq: 17 Sep 2024 14:41

Instrument :

MSVOA_N

ClientSampleId :

TP-3

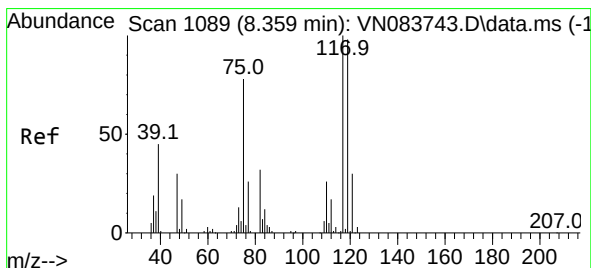
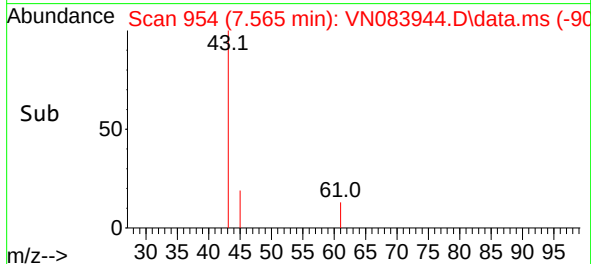
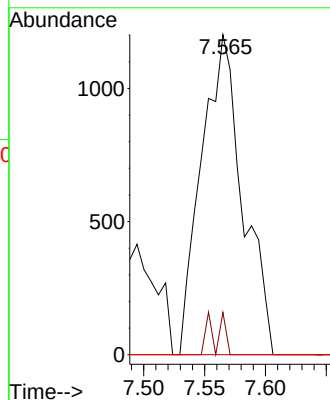
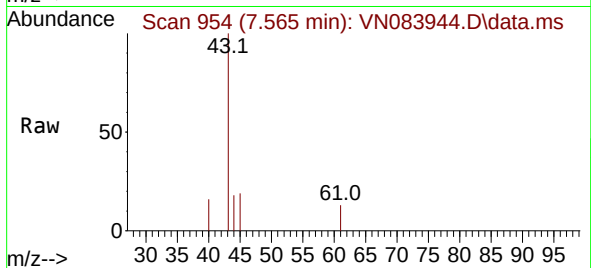
Tgt Ion: 43 Resp: 2832

Ion Ratio Lower Upper

43 100

61 4.0 11.1 16.7#

70 0.0 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 6.184 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083944.D

Acq: 17 Sep 2024 14:41

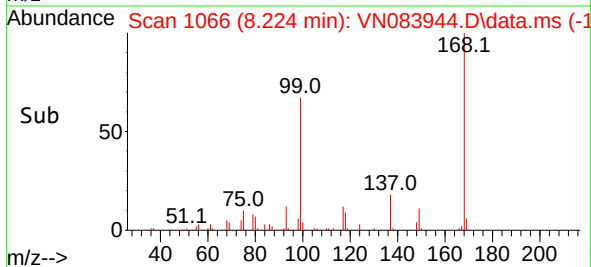
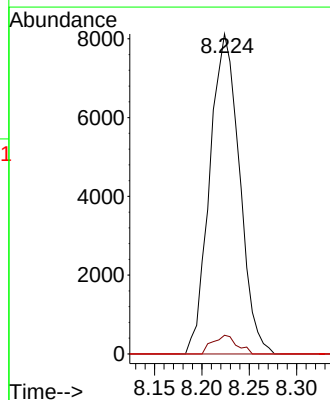
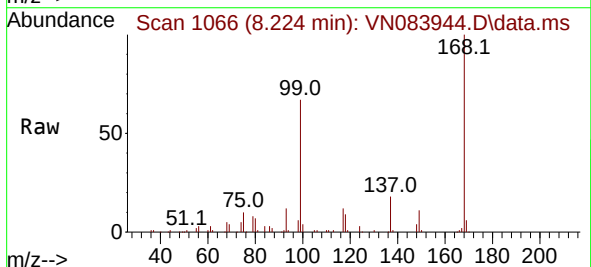
Tgt Ion: 117 Resp: 17772

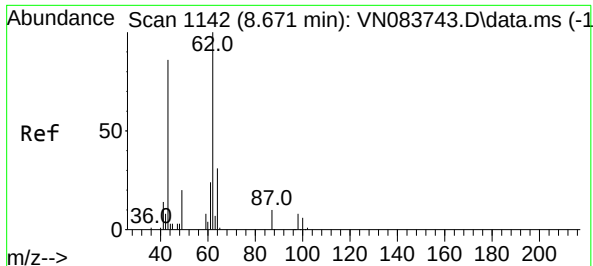
Ion Ratio Lower Upper

117 100

119 5.8 76.1 114.1#

121 0.0 24.1 36.1#





#42

1,2-Dichloroethane

Concen: 0.359 ug/l

RT: 8.677 min Scan# 1142

Delta R.T. 0.006 min

Lab File: VN083944.D

Acq: 17 Sep 2024 14:41

Instrument :

MSVOA_N

ClientSampleId :

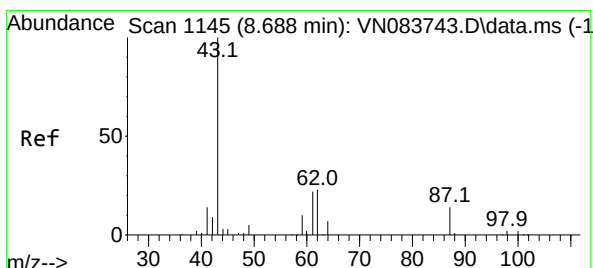
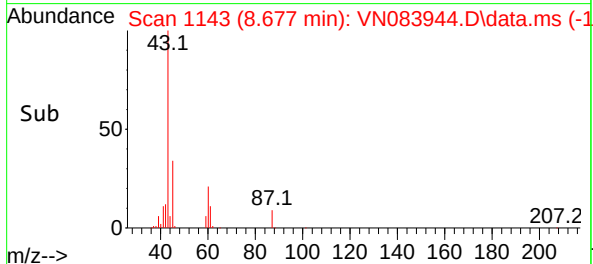
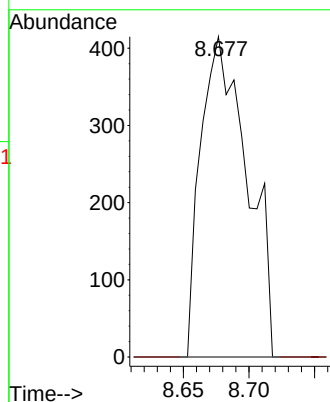
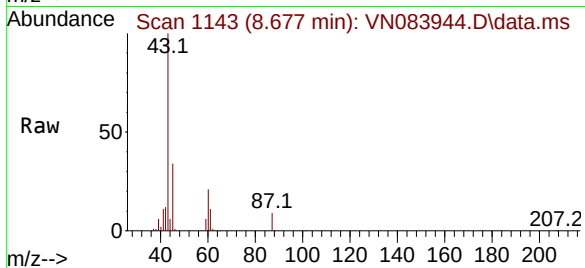
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Tgt Ion: 62 Resp: 1024

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.6



#43

Isopropyl Acetate

Concen: 76.901 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083944.D

Acq: 17 Sep 2024 14:41

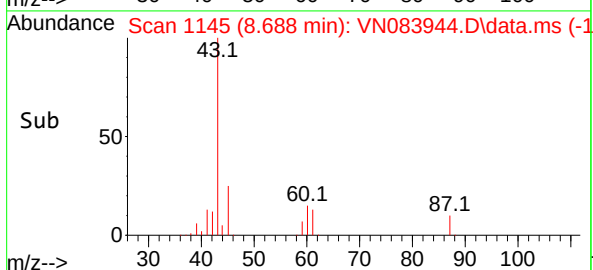
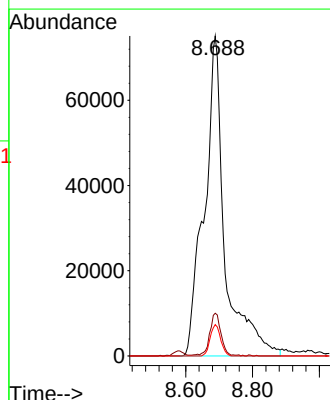
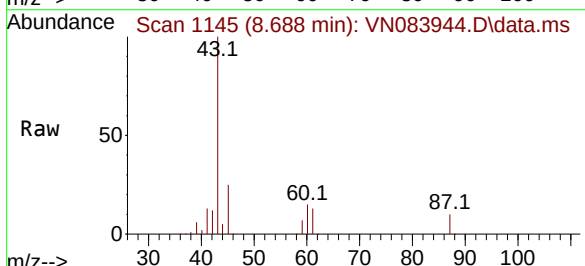
Tgt Ion: 43 Resp: 320437

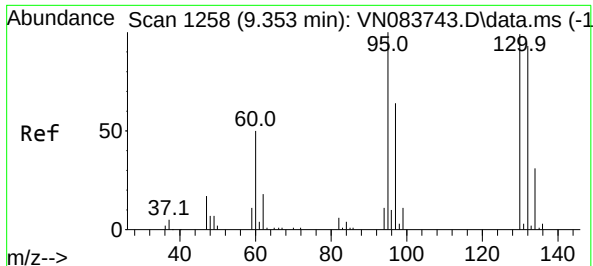
Ion Ratio Lower Upper

43 100

61 7.4 19.4 29.0#

87 5.0 9.8 14.6#

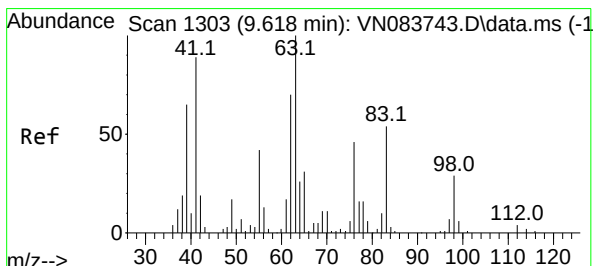
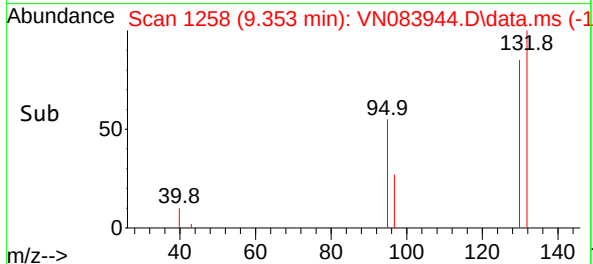
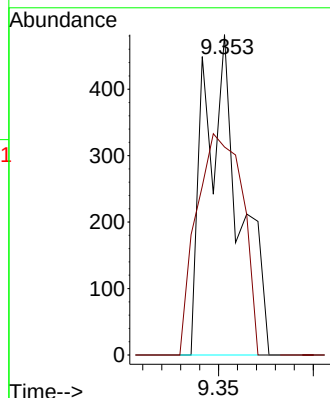
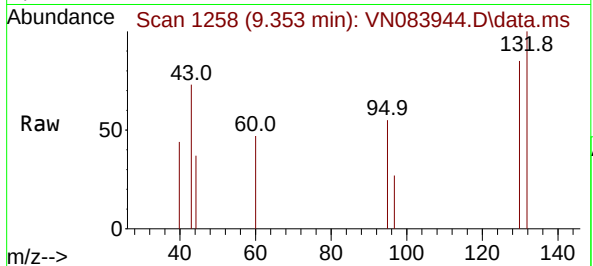




#44
Trichloroethene
Concen: 0.351 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083944.D
Acq: 17 Sep 2024 14:41

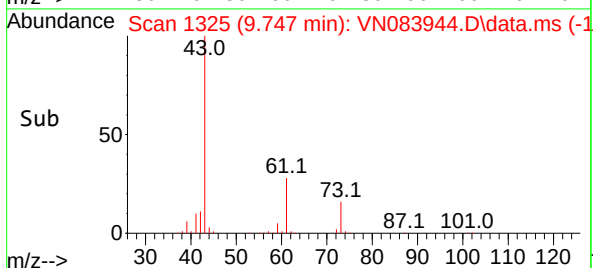
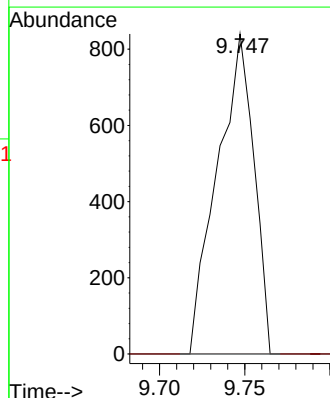
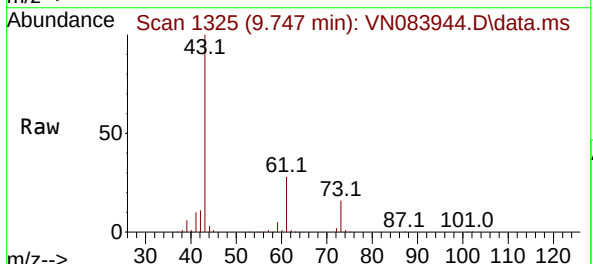
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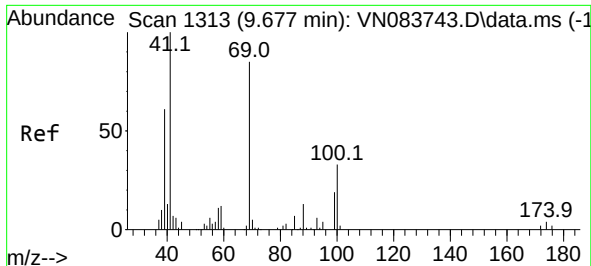
Tgt Ion:130 Resp: 619
Ion Ratio Lower Upper
130 100
95 64.9 0.0 200.4



#45
1,2-Dichloropropane
Concen: 0.682 ug/l
RT: 9.747 min Scan# 1325
Delta R.T. 0.129 min
Lab File: VN083944.D
Acq: 17 Sep 2024 14:41

Tgt Ion: 63 Resp: 1257
Ion Ratio Lower Upper
63 100
65 0.0 25.9 38.9#

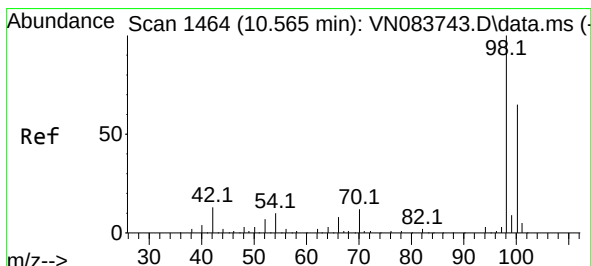
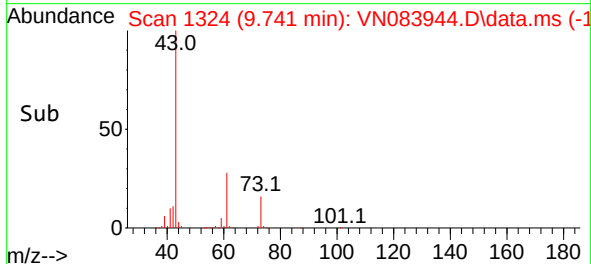
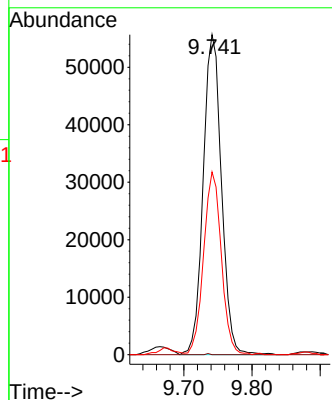
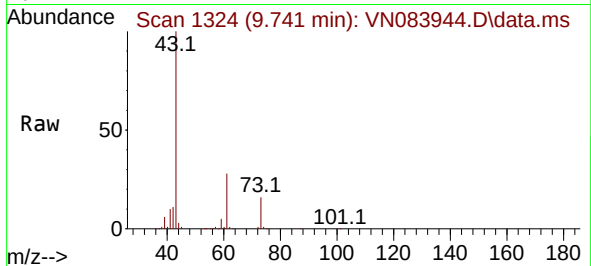




#48
Methyl methacrylate
Concen: 52.431 ug/l
RT: 9.741 min Scan# 11
Delta R.T. 0.065 min
Lab File: VN083944.D
Acq: 17 Sep 2024 14:41

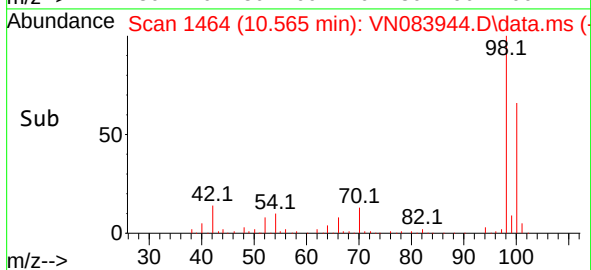
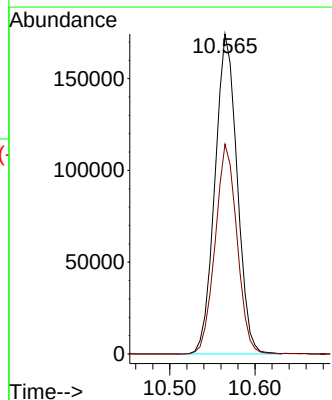
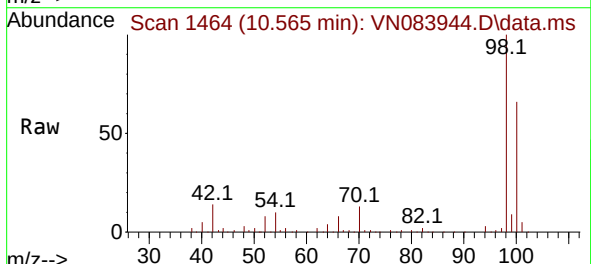
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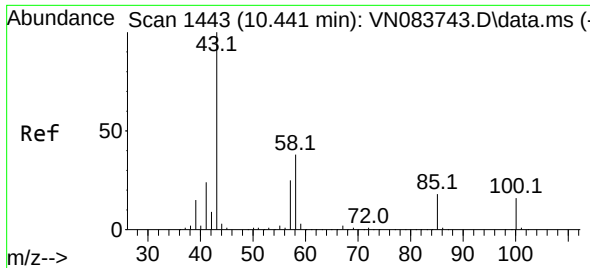
Tgt Ion: 41 Resp: 103653
Ion Ratio Lower Upper
41 100
69 0.1 64.3 96.5#
39 55.5 48.9 73.3



#50
Toluene-d8
Concen: 54.139 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083944.D
Acq: 17 Sep 2024 14:41

Tgt Ion: 98 Resp: 315001
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

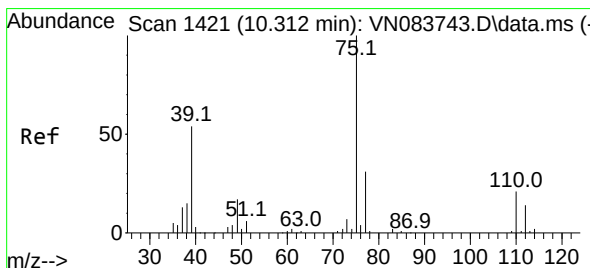
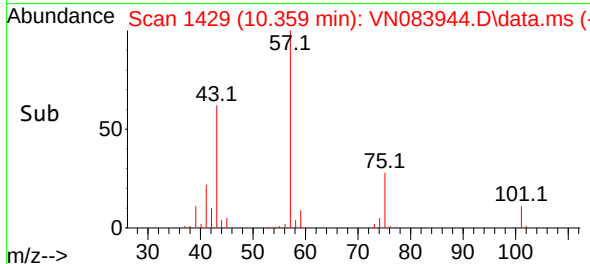
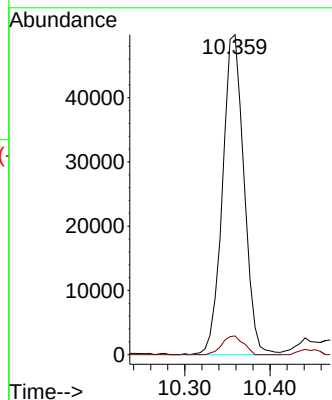
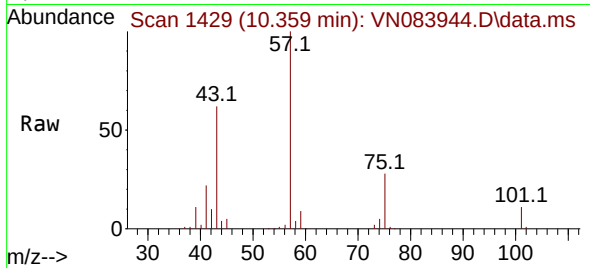




#51
4-Methyl-2-Pentanone
Concen: 38.462 ug/l
RT: 10.359 min Scan# 1443
Delta R.T. -0.082 min
Lab File: VN083944.D
Acq: 17 Sep 2024 14:41

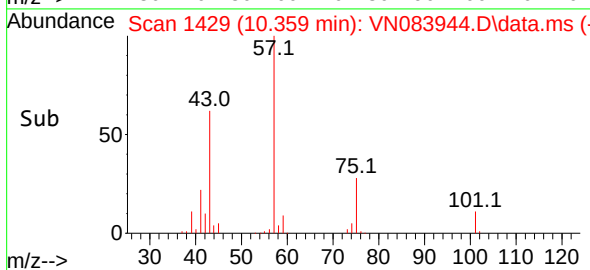
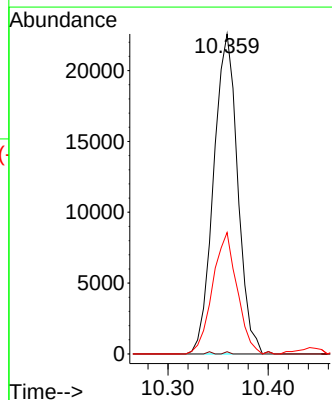
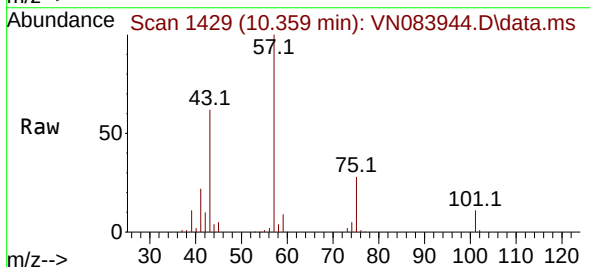
Instrument :
MSVOA_N
ClientSampleId :
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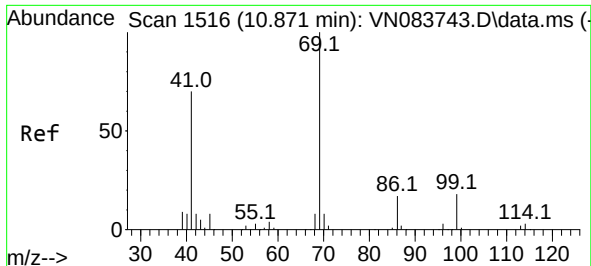
Tgt Ion: 43 Resp: 87241
Ion Ratio Lower Upper
43 100
58 5.9 31.6 47.4#



#54
cis-1,3-Dichloropropene
Concen: 12.674 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN083944.D
Acq: 17 Sep 2024 14:41

Tgt Ion: 75 Resp: 37696
Ion Ratio Lower Upper
75 100
77 0.7 25.0 37.6#
39 38.0 42.6 64.0#

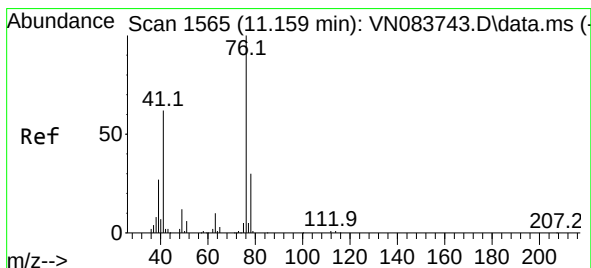
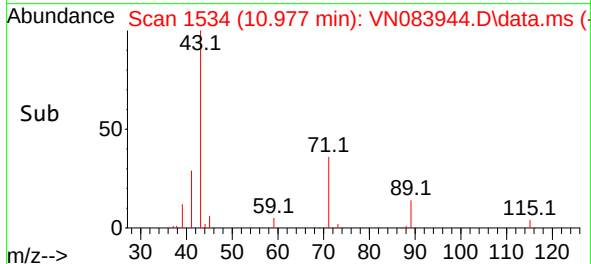
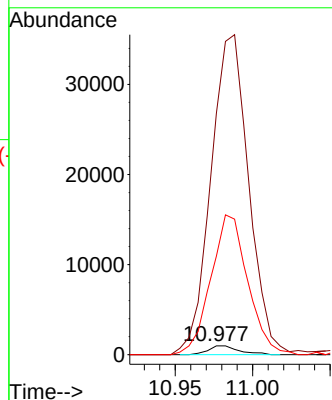
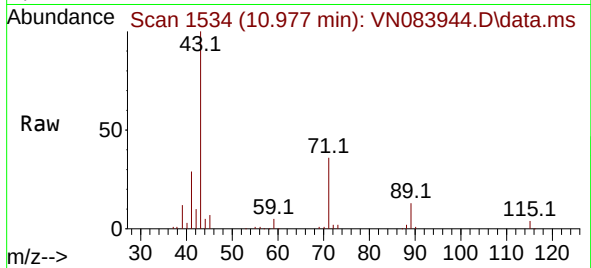




#56
Ethyl methacrylate
Concen: 0.505 ug/l
RT: 10.977 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN083944.D
Acq: 17 Sep 2024 14:41

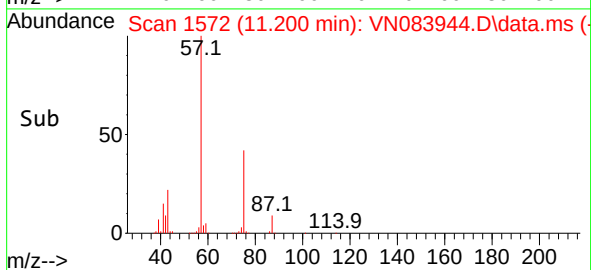
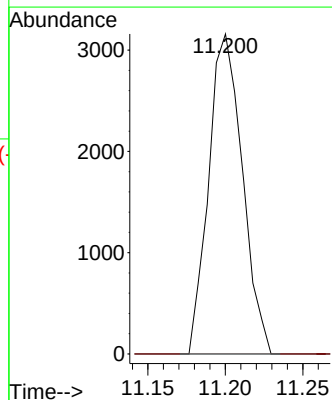
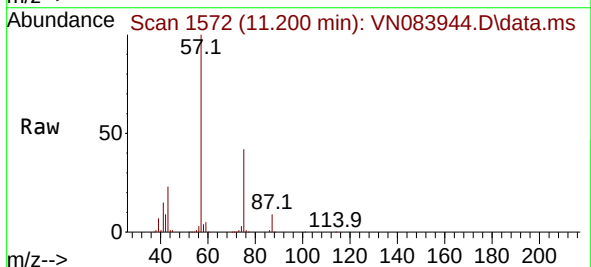
Instrument :
MSVOA_N
ClientSampleId :
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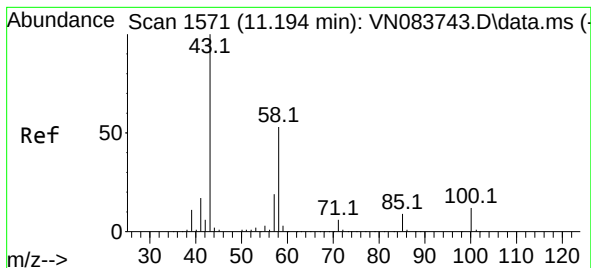
Tgt Ion: 69 Resp: 1353
Ion Ratio Lower Upper
69 100
41 4474.1 53.9 80.9#
39 1901.4 32.6 48.8#



#57
1,3-Dichloropropane
Concen: 1.597 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.041 min
Lab File: VN083944.D
Acq: 17 Sep 2024 14:41

Tgt Ion: 76 Resp: 4780
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#

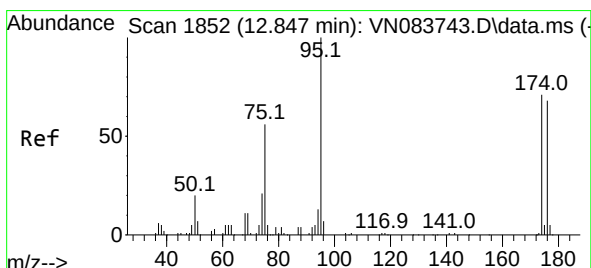
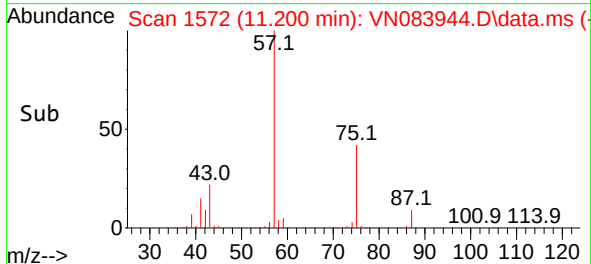
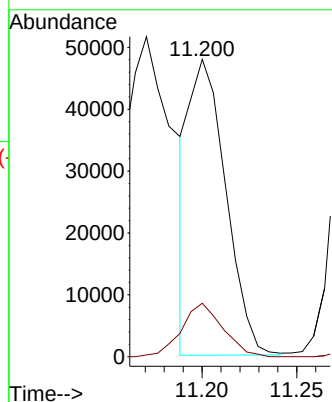
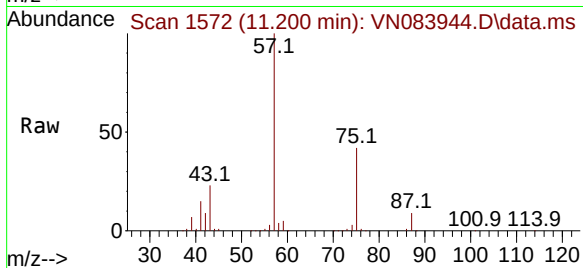




#59
2-Hexanone
Concen: 38.718 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083944.D
Acq: 17 Sep 2024 14:41

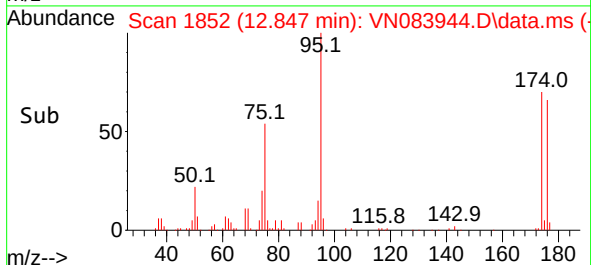
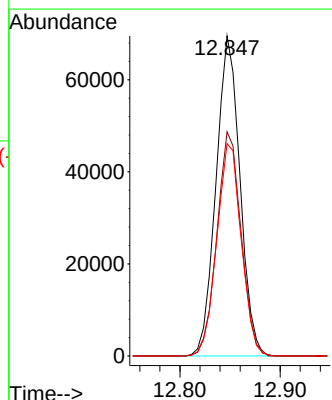
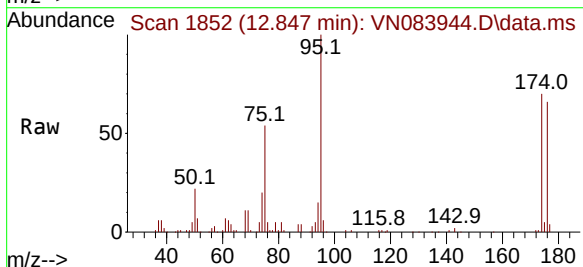
Instrument :
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ClientSampleId :
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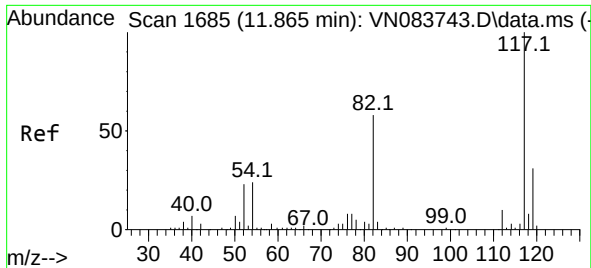
Tgt Ion: 43 Resp: 64964
Ion Ratio Lower Upper
43 100
58 20.2 27.2 81.5#



#62
4-Bromofluorobenzene
Concen: 47.827 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083944.D
Acq: 17 Sep 2024 14:41

Tgt Ion: 95 Resp: 114811
Ion Ratio Lower Upper
95 100
174 70.9 0.0 139.8
176 67.8 0.0 131.4

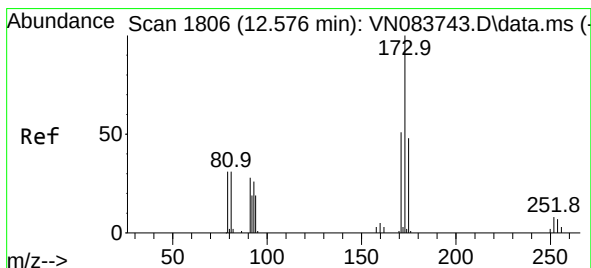
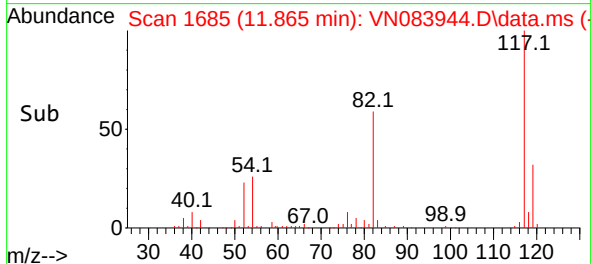
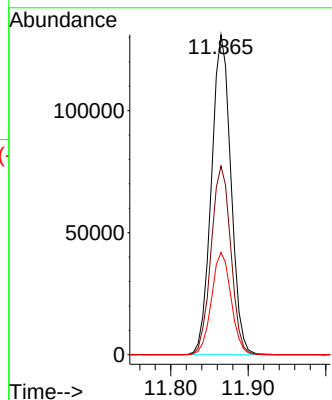
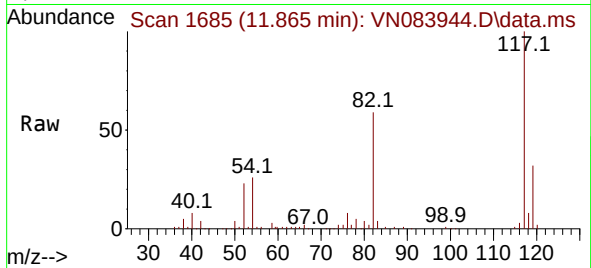




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083944.D
Acq: 17 Sep 2024 14:41

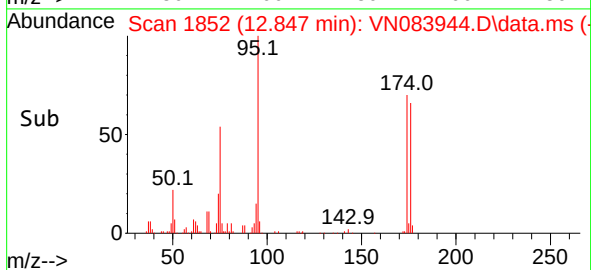
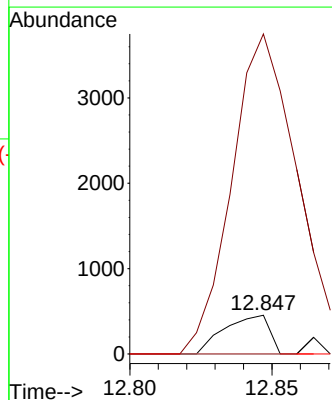
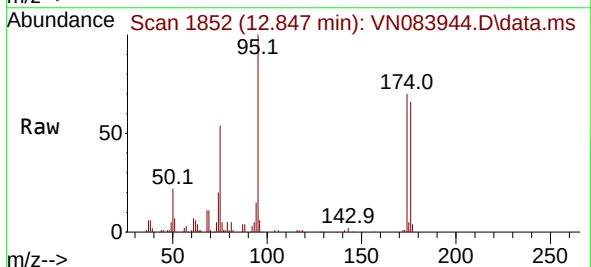
Instrument :
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ClientSampleId :
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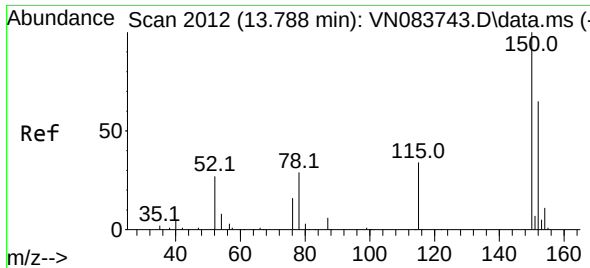
Tgt Ion:117 Resp: 228921
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.0
119 32.0 26.3 39.5



#71
Bromoform
Concen: 0.422 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN083944.D
Acq: 17 Sep 2024 14:41

Tgt Ion:173 Resp: 501
Ion Ratio Lower Upper
173 100
175 919.0 24.1 72.2#
254 0.0 0.0 0.0

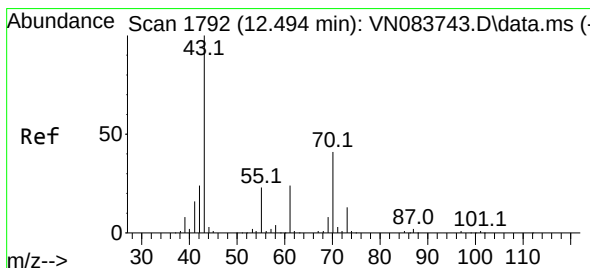
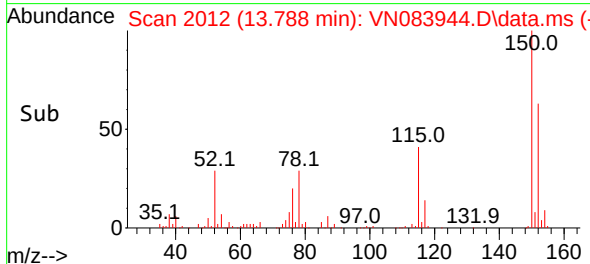
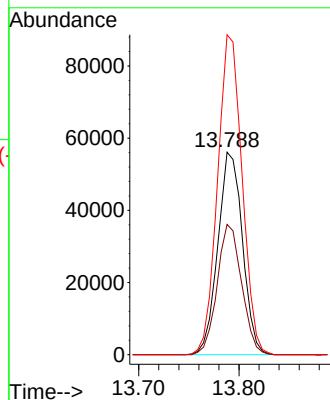
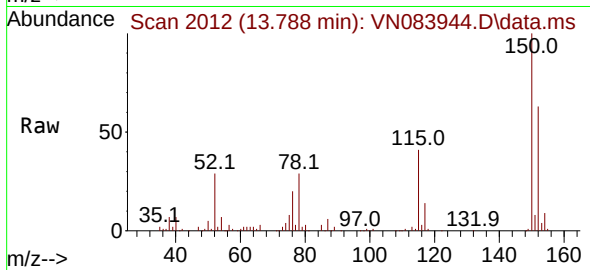




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083944.D
 Acq: 17 Sep 2024 14:41

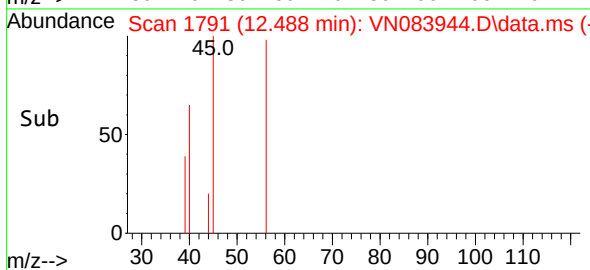
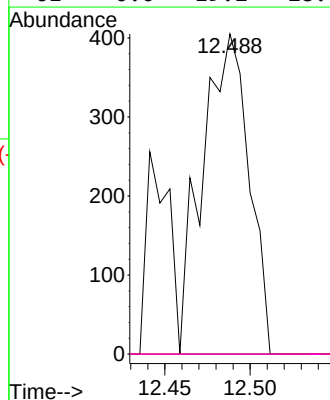
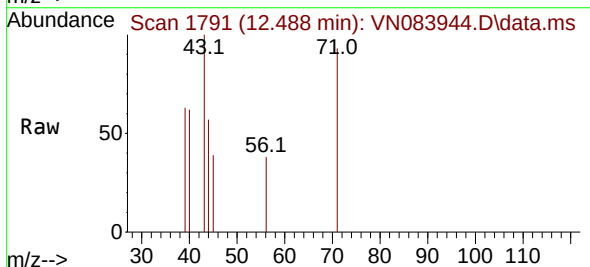
Instrument :
 MSVOA_N
 ClientSampleId :
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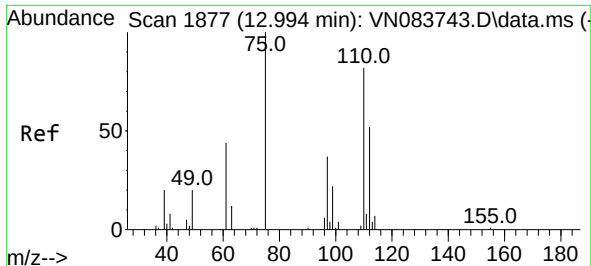
Tgt Ion:152 Resp: 95472
 Ion Ratio Lower Upper
 152 100
 115 63.7 32.2 96.6
 150 157.7 0.0 348.6



#74
 N-ethyl acetate
 Concen: 0.245 ug/l
 RT: 12.488 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VN083944.D
 Acq: 17 Sep 2024 14:41

Tgt Ion: 43 Resp: 772
 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#

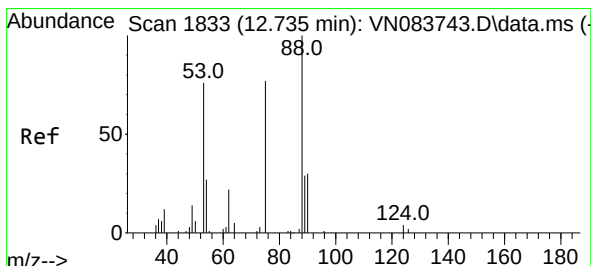
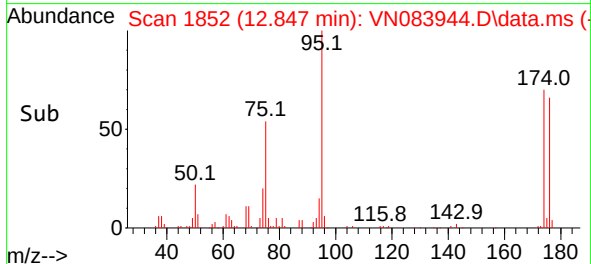
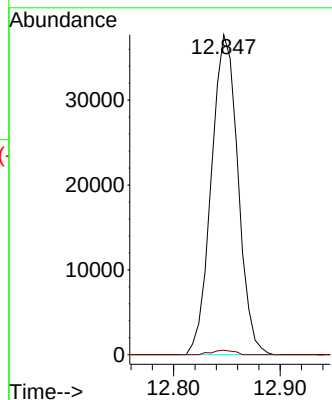
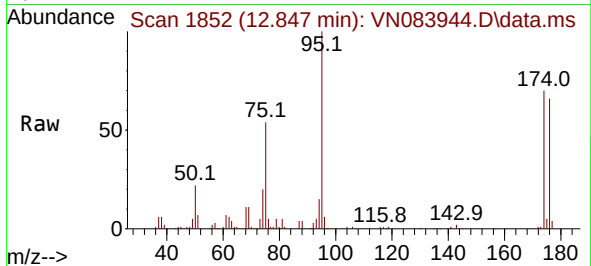




#76
1,2,3-Trichloropropane
Concen: 33.938 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083944.D
Acq: 17 Sep 2024 14:41

Instrument :
MSVOA_N
ClientSampleId :
TP-3

Tgt Ion: 75 Resp: 65380
Ion Ratio Lower Upper
75 100
77 1.2 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.887 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083944.D
Acq: 17 Sep 2024 14:41

Tgt Ion: 75 Resp: 65380
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

