

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
 Data File : VN084115.D
 Acq On : 23 Sep 2024 17:29
 Operator : JC\MD
 Sample : P4003-16DL 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D2-20240913DL

Quant Time: Sep 24 04:59:10 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)

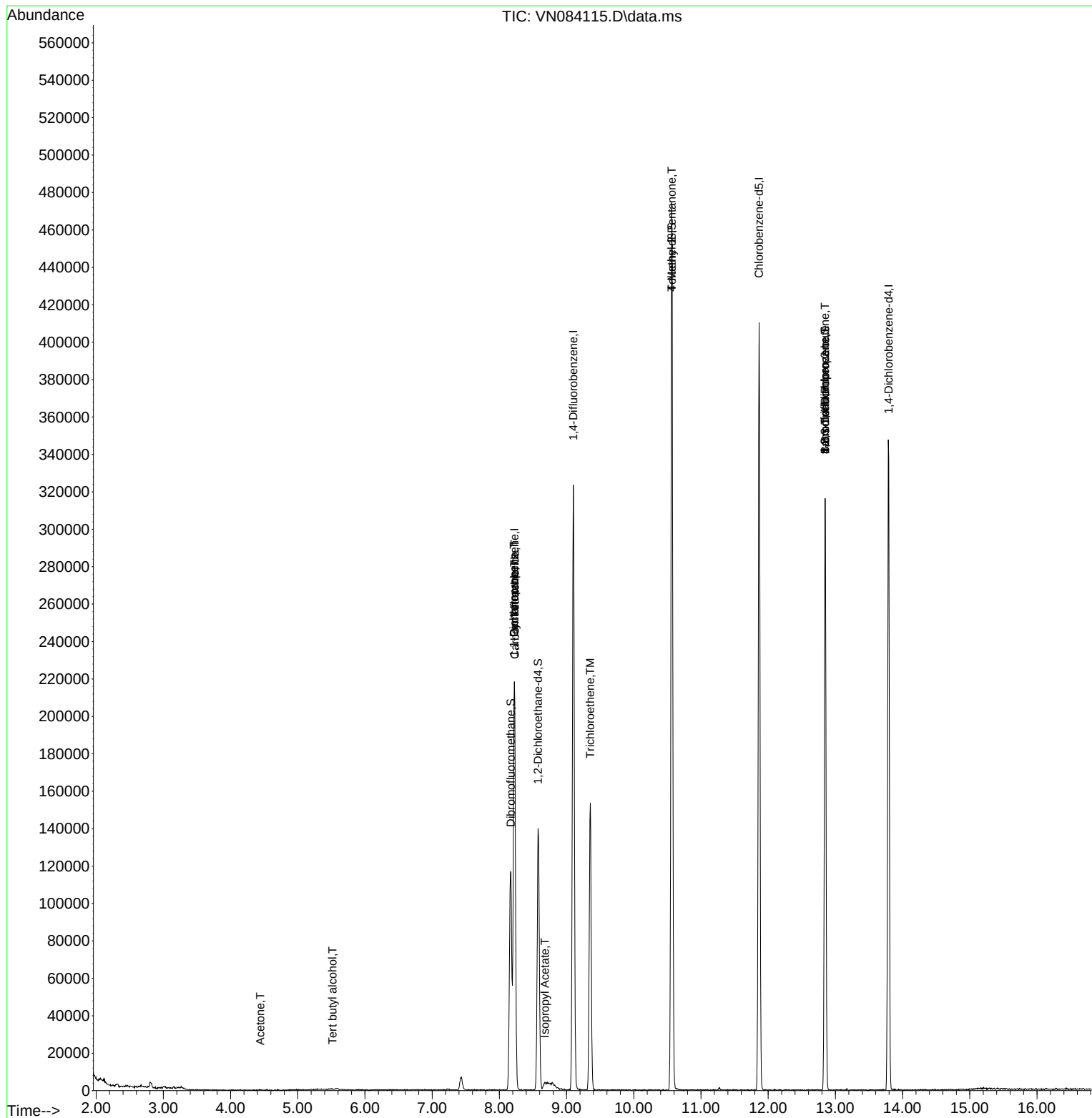
Internal Standards						
1) Pentafluorobenzene	8.224	168	149941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	263543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117558	51.996	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.000%			
35) Dibromofluoromethane	8.171	113	85685	50.786	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.580%			
50) Toluene-d8	10.565	98	317555	54.445	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.880%			
62) 4-Bromofluorobenzene	12.847	95	108667	45.157	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 90.320%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	66	Below Cal	#	41
11) Tert butyl alcohol	5.518	59	64	0.211	ug/l #	71
16) Acetone	4.442	43	282	0.311	ug/l #	45
18) Methyl Acetate	5.024	43	134	Below Cal	#	52
31) Cyclohexane	8.224	56	3947	1.208	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	14238	5.607	ug/l #	49
38) Carbon Tetrachloride	8.230	117	17444	6.055	ug/l #	17
43) Isopropyl Acetate	8.677	43	3920	0.938	ug/l #	57
44) Trichloroethene	9.353	130	53364	30.149	ug/l	92
51) 4-Methyl-2-Pentanone	10.565	43	1513	0.665	ug/l #	1
71) Bromoform	12.847	173	794	0.686	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	60471	33.457	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	60471	87.626	ug/l #	9

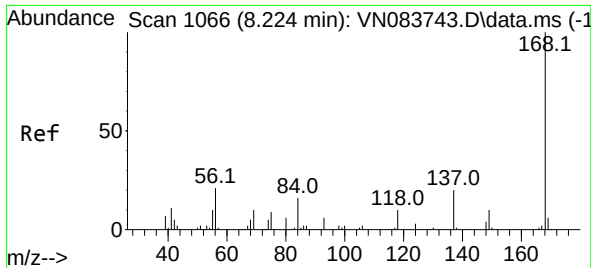
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
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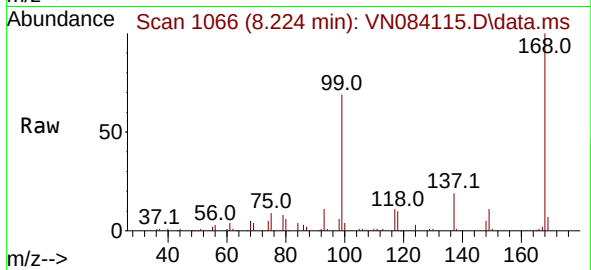
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



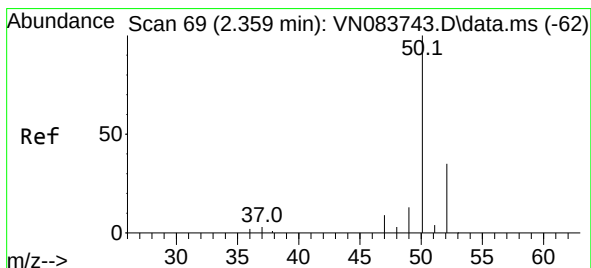
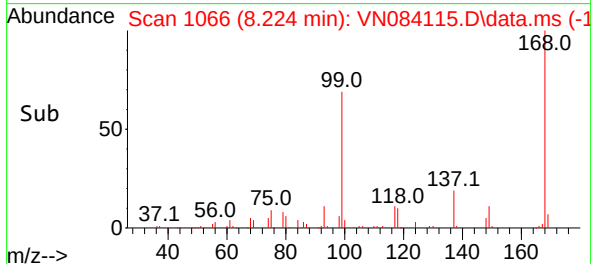
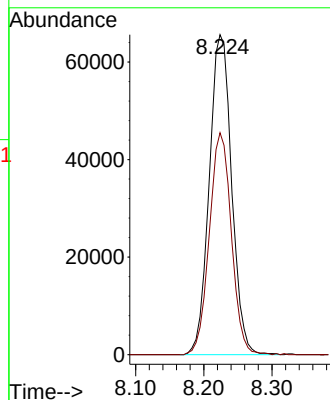


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084115.D
Acq: 23 Sep 2024 17:29

Instrument :
MSVOA_N
ClientSampleId :
RE108D2-20240913DL

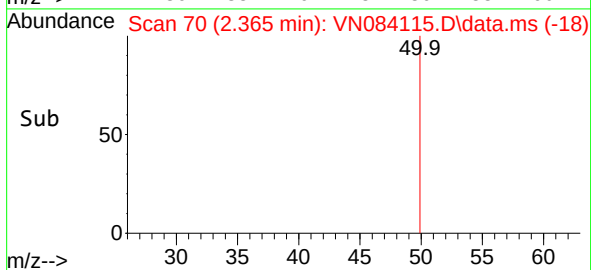
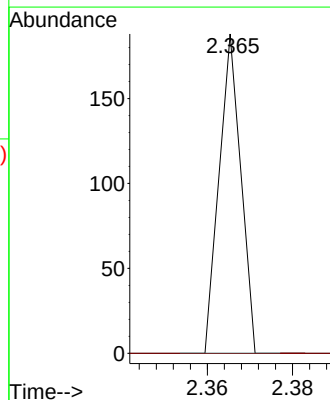
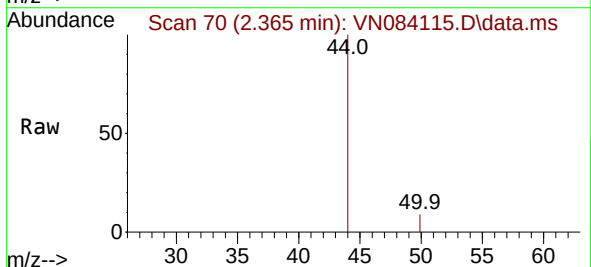


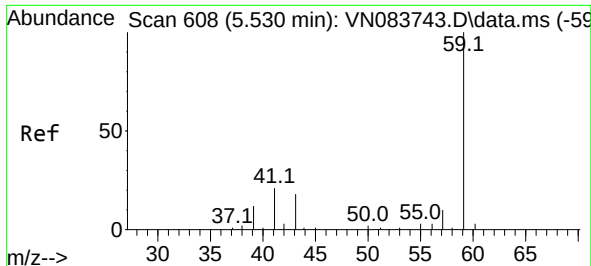
Tgt Ion:168 Resp: 149941
Ion Ratio Lower Upper
168 100
99 69.3 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084115.D
Acq: 23 Sep 2024 17:29

Tgt Ion: 50 Resp: 66
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#





#11

Tert butyl alcohol

Concen: 0.211 ug/l

RT: 5.518 min Scan# 608

Delta R.T. -0.012 min

Lab File: VN084115.D

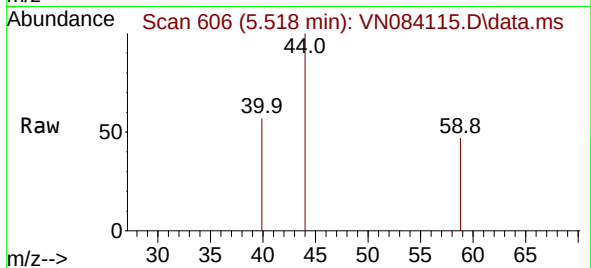
Acq: 23 Sep 2024 17:29

Instrument :

MSVOA_N

ClientSampleId :

RE108D2-20240913DL

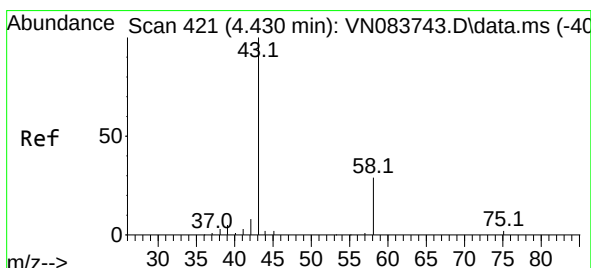
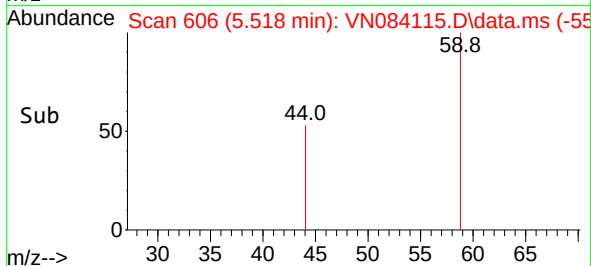
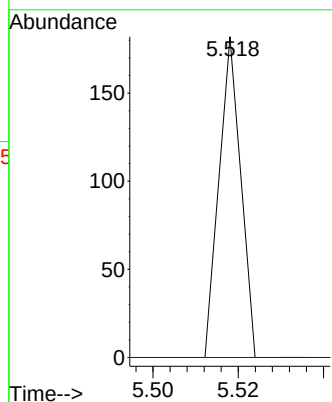


Tgt Ion: 59 Resp: 64

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#16

Acetone

Concen: 0.311 ug/l

RT: 4.442 min Scan# 423

Delta R.T. 0.012 min

Lab File: VN084115.D

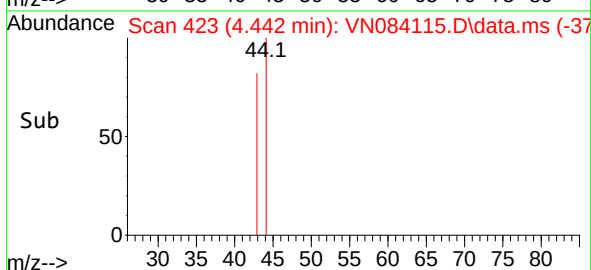
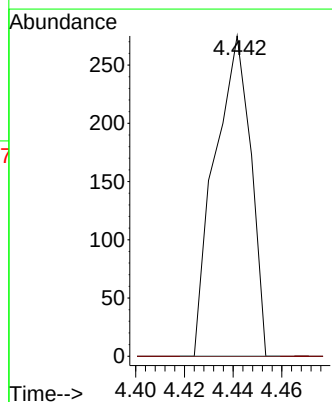
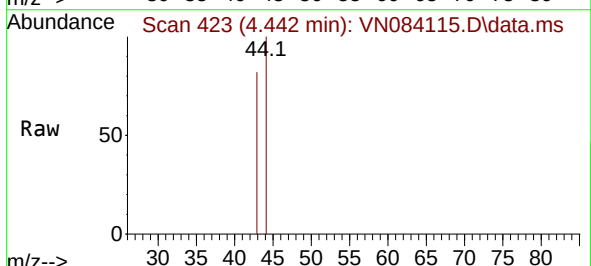
Acq: 23 Sep 2024 17:29

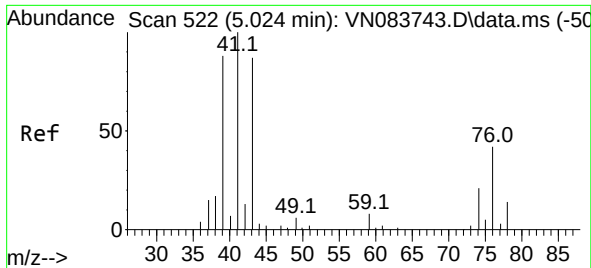
Tgt Ion: 43 Resp: 282

Ion Ratio Lower Upper

43 100

58 0.0 23.7 35.5#





#18

Methyl Acetate

Concen: Below Cal

RT: 5.024 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN084115.D

Acq: 23 Sep 2024 17:29

Instrument :

MSVOA_N

ClientSampleId :

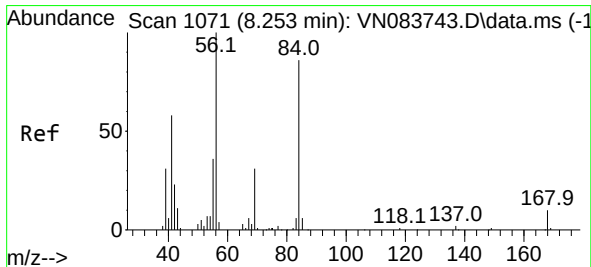
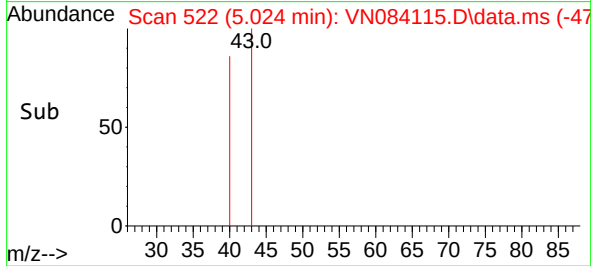
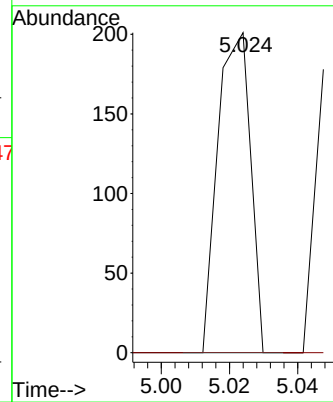
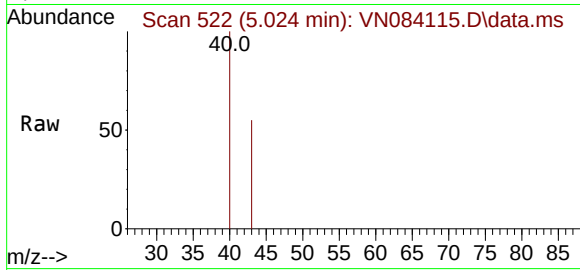
RE108D2-20240913DL

Tgt Ion: 43 Resp: 134

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#



#31

Cyclohexane

Concen: 1.208 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

Lab File: VN084115.D

Acq: 23 Sep 2024 17:29

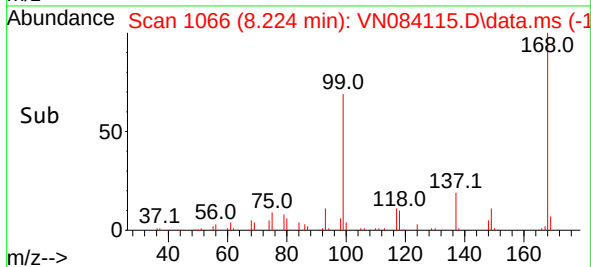
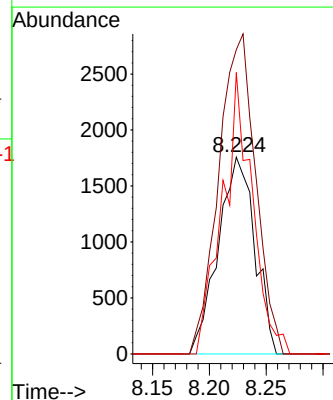
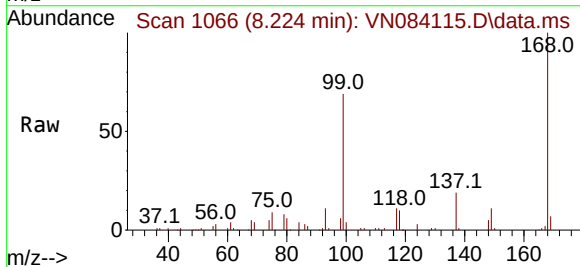
Tgt Ion: 56 Resp: 3947

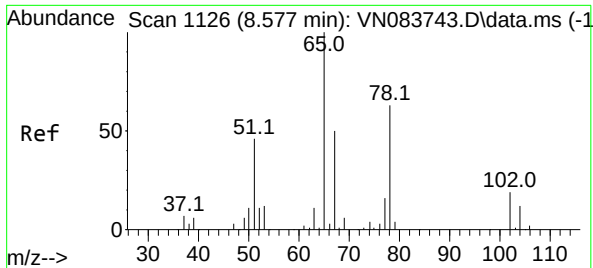
Ion Ratio Lower Upper

56 100

69 154.7 26.9 40.3#

84 143.1 69.2 103.8#

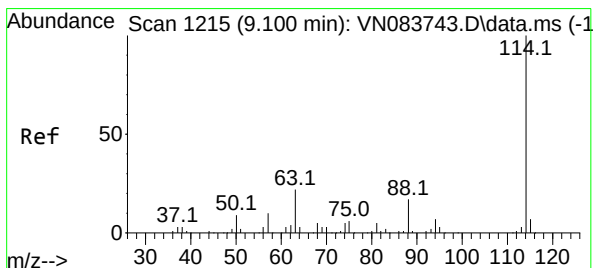
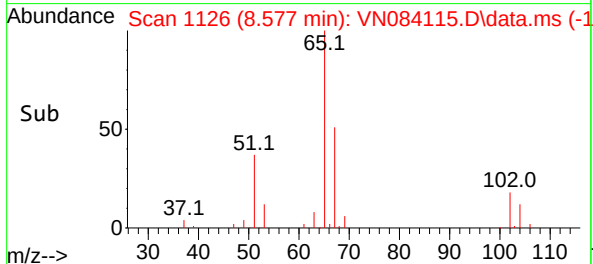
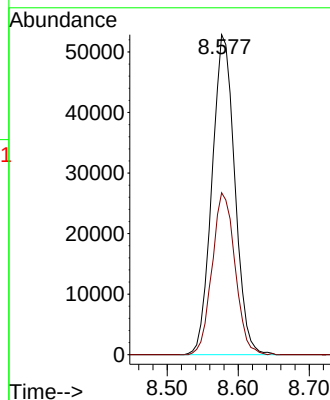
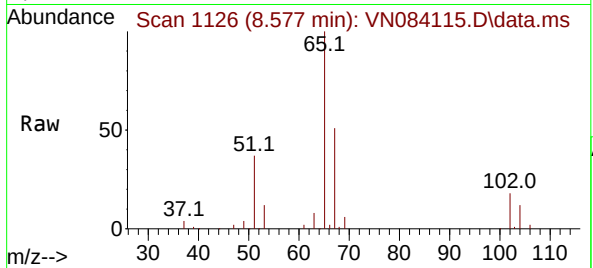




#33
 1,2-Dichloroethane-d4
 Concen: 51.996 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN084115.D
 Acq: 23 Sep 2024 17:29

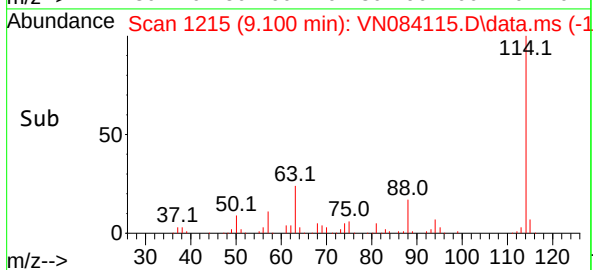
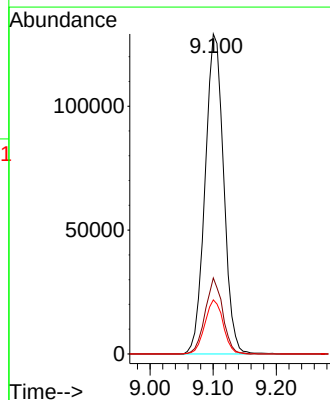
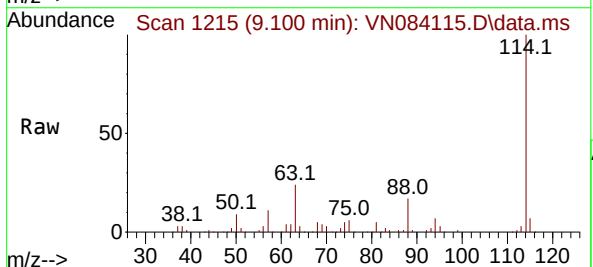
Instrument :
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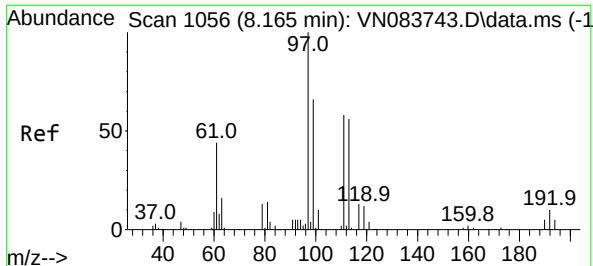
Tgt Ion: 65 Resp: 117558
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084115.D
 Acq: 23 Sep 2024 17:29

Tgt Ion: 114 Resp: 263543
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 43.4
 88 16.9 0.0 32.6

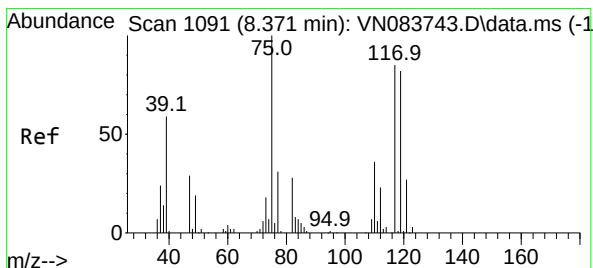
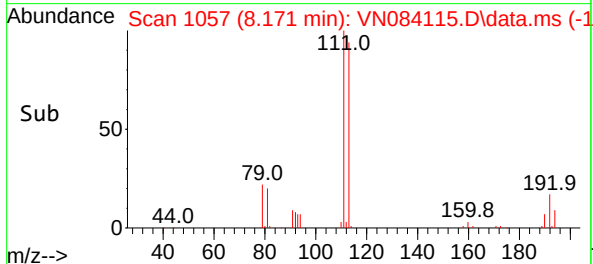
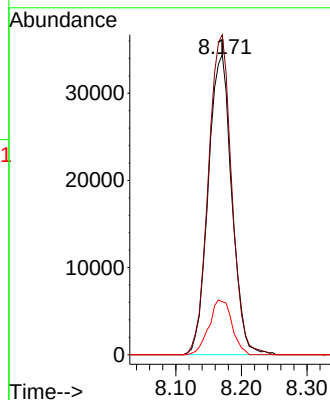
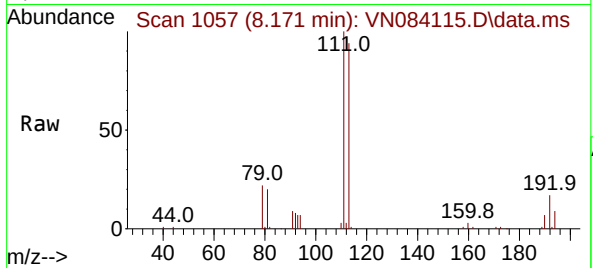




#35
Dibromofluoromethane
Concen: 50.786 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN084115.D
Acq: 23 Sep 2024 17:29

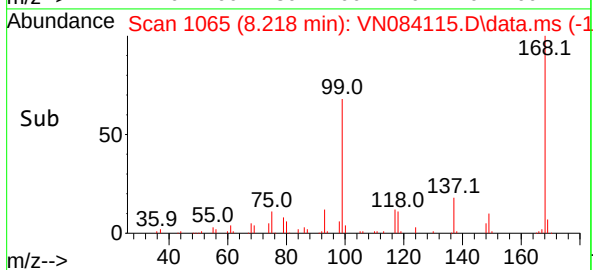
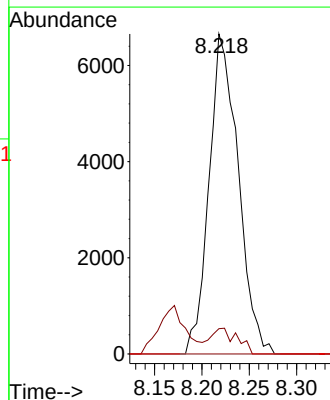
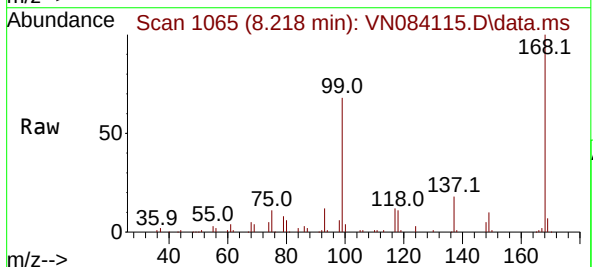
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MSVOA_N
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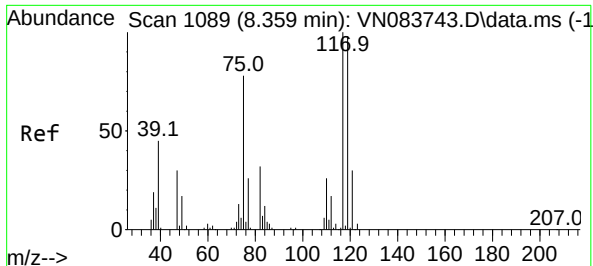
Tgt Ion:113 Resp: 85685
Ion Ratio Lower Upper
113 100
111 105.5 82.6 124.0
192 17.7 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.607 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN084115.D
Acq: 23 Sep 2024 17:29

Tgt Ion: 75 Resp: 14238
Ion Ratio Lower Upper
75 100
110 7.3 16.7 50.1#
77 0.0 25.2 37.8#

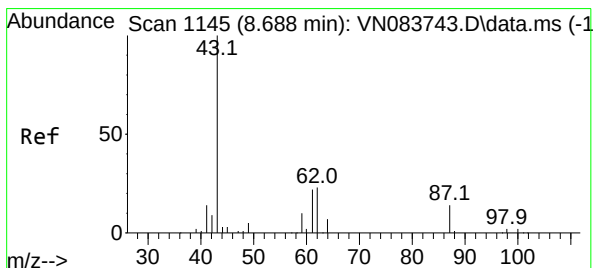
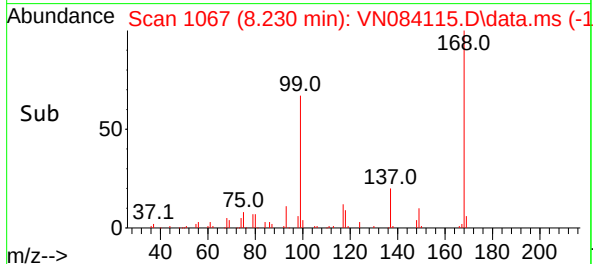
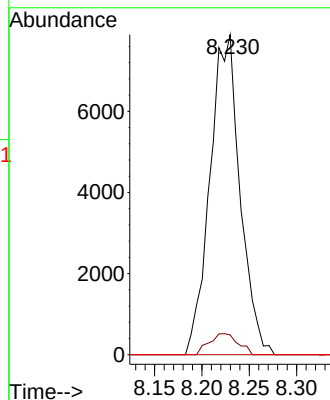
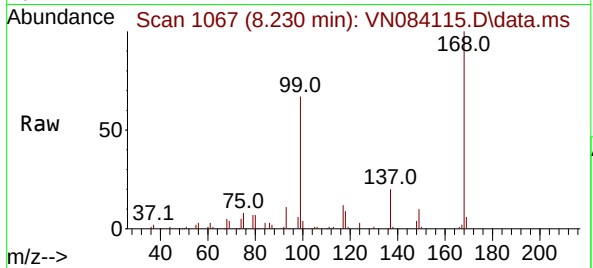




#38
Carbon Tetrachloride
Concen: 6.055 ug/l
RT: 8.230 min Scan# 110
Delta R.T. -0.129 min
Lab File: VN084115.D
Acq: 23 Sep 2024 17:29

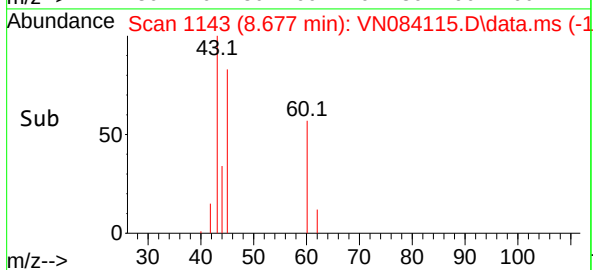
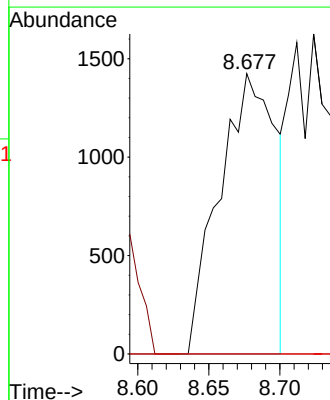
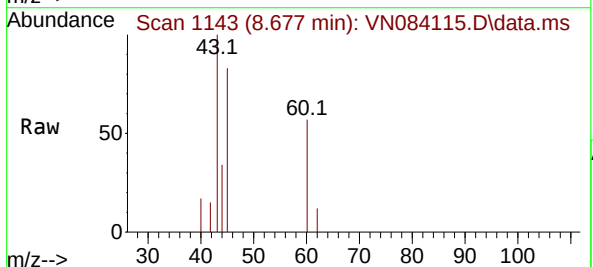
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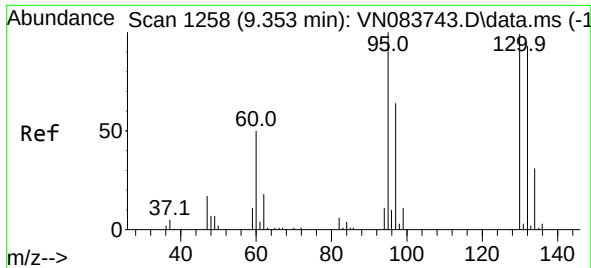
Tgt Ion: 117 Resp: 17444
Ion Ratio Lower Upper
117 100
119 6.2 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 0.938 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.012 min
Lab File: VN084115.D
Acq: 23 Sep 2024 17:29

Tgt Ion: 43 Resp: 3920
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

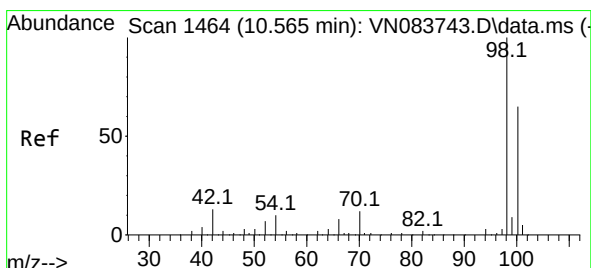
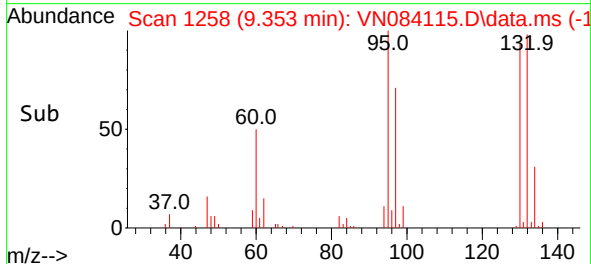
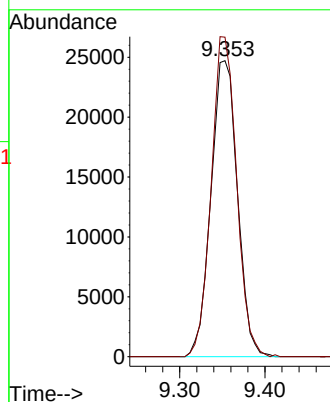
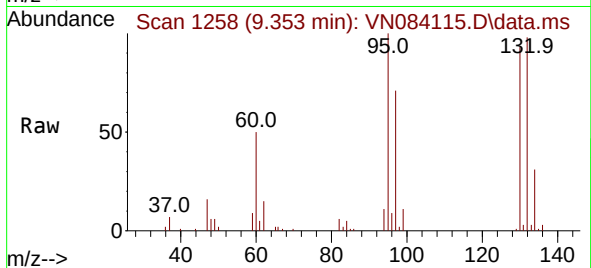




#44
Trichloroethene
Concen: 30.149 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084115.D
Acq: 23 Sep 2024 17:29

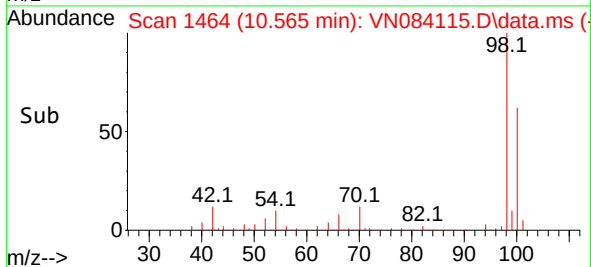
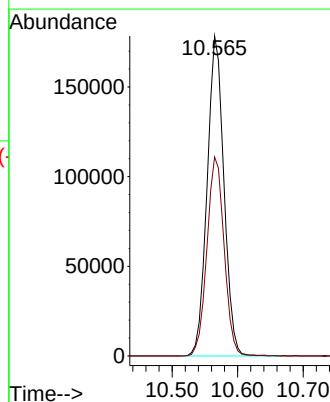
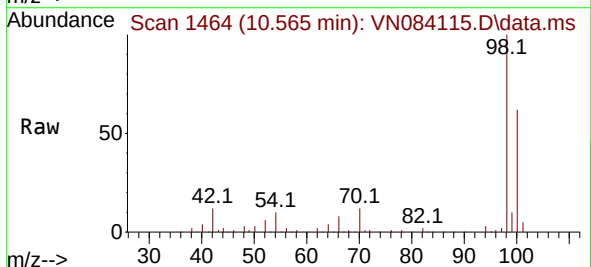
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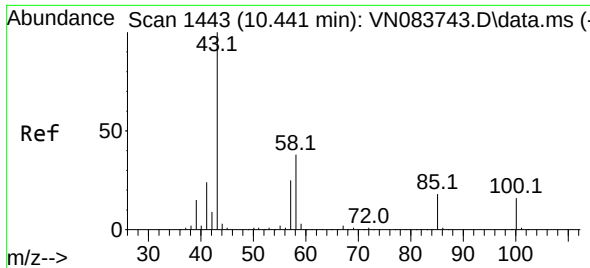
Tgt Ion:130 Resp: 53364
Ion Ratio Lower Upper
130 100
95 108.0 0.0 200.4



#50
Toluene-d8
Concen: 54.445 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084115.D
Acq: 23 Sep 2024 17:29

Tgt Ion: 98 Resp: 317555
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

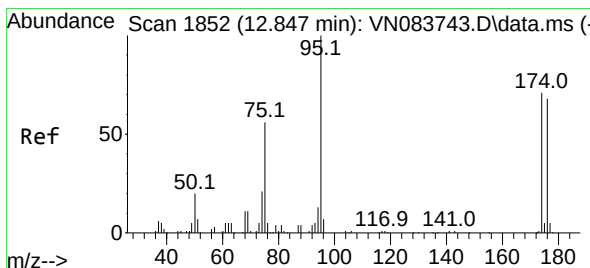
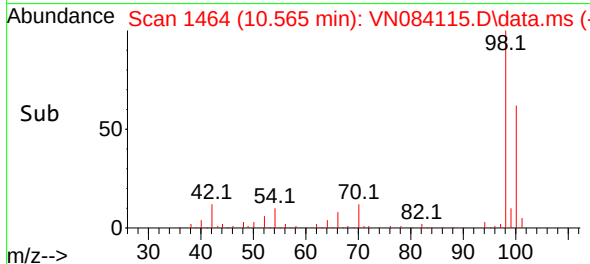
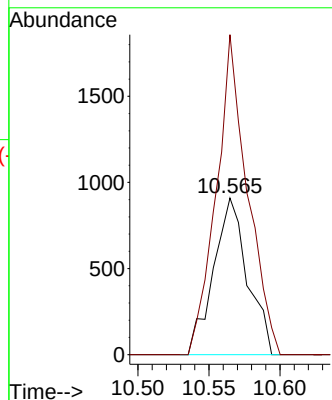
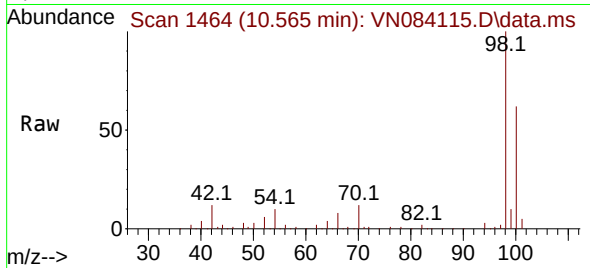




#51
4-Methyl-2-Pentanone
Concen: 0.665 ug/l
RT: 10.565 min Scan# 1443
Delta R.T. 0.124 min
Lab File: VN084115.D
Acq: 23 Sep 2024 17:29

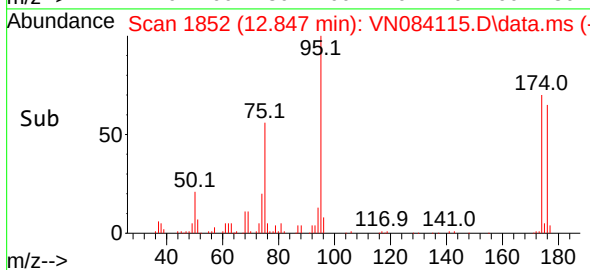
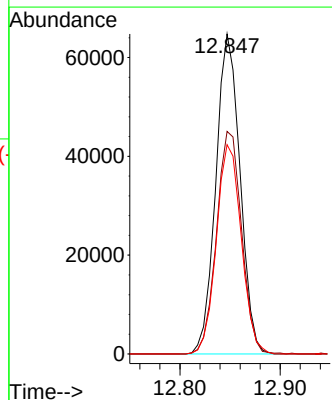
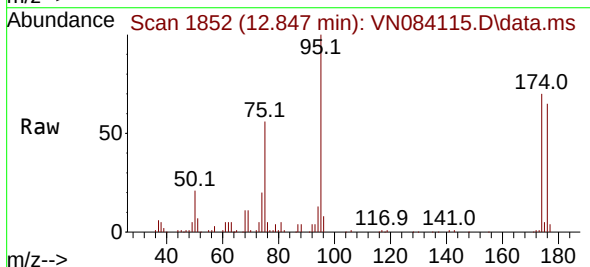
Instrument :
MSVOA_N
ClientSampleId :
RE108D2-20240913DL

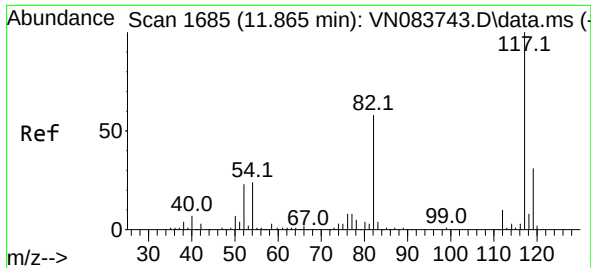
Tgt Ion: 43 Resp: 1513
Ion Ratio Lower Upper
43 100
58 188.2 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 45.157 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084115.D
Acq: 23 Sep 2024 17:29

Tgt Ion: 95 Resp: 108667
Ion Ratio Lower Upper
95 100
174 72.0 0.0 139.8
176 67.4 0.0 131.4

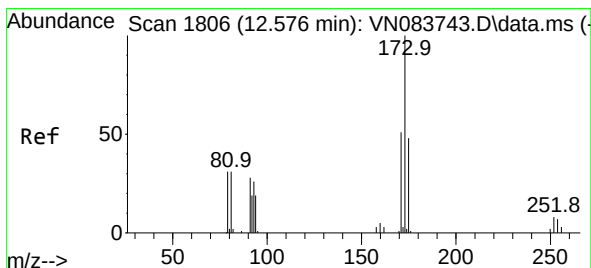
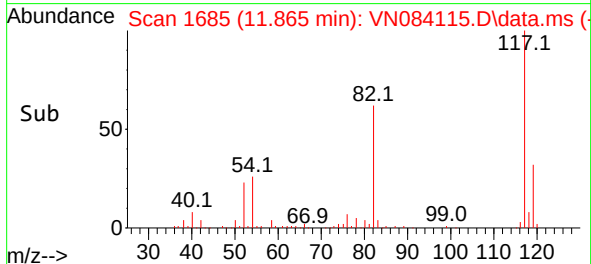
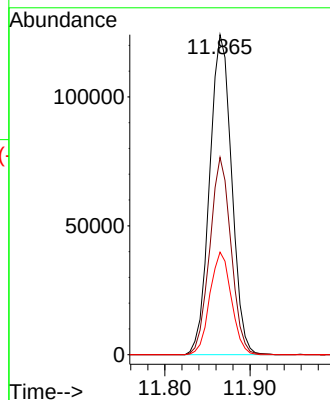
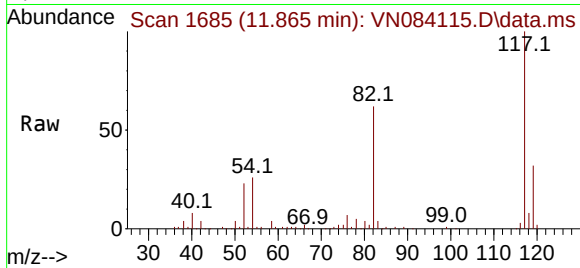




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084115.D
Acq: 23 Sep 2024 17:29

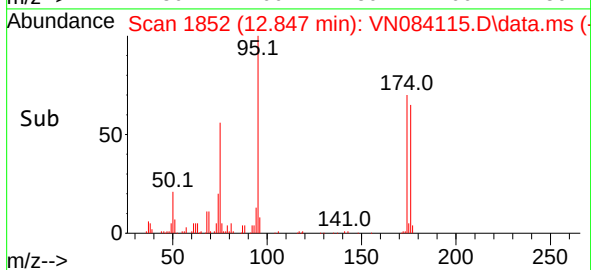
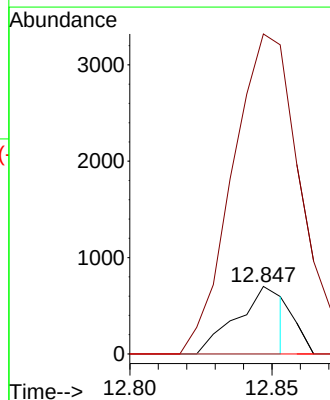
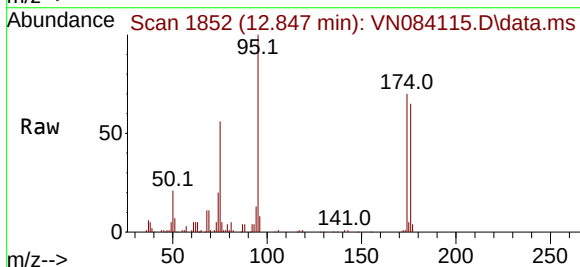
Instrument :
MSVOA_N
ClientSampleId :
RE108D2-20240913DL

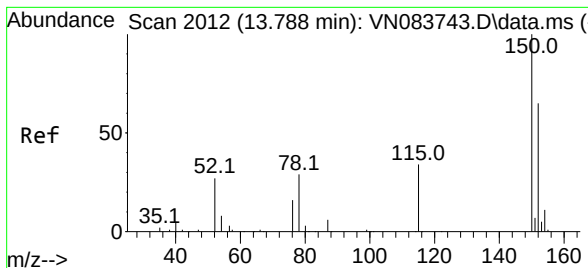
Tgt Ion:117 Resp: 222846
Ion Ratio Lower Upper
117 100
82 61.6 47.4 71.0
119 32.0 26.3 39.5



#71
Bromoform
Concen: 0.686 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN084115.D
Acq: 23 Sep 2024 17:29

Tgt Ion:173 Resp: 794
Ion Ratio Lower Upper
173 100
175 534.9 24.1 72.2#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN084115.D

Acq: 23 Sep 2024 17:29

Instrument :

MSVOA_N

ClientSampleId :

RE108D2-20240913DL

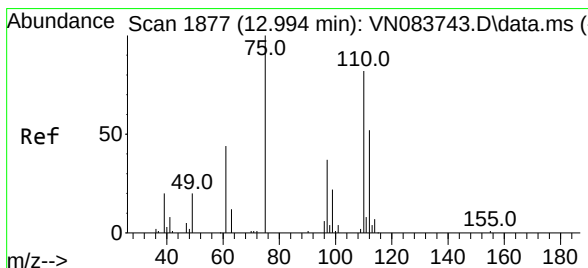
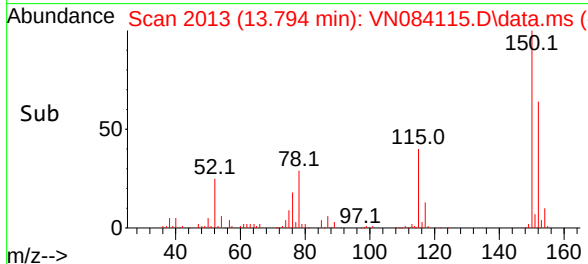
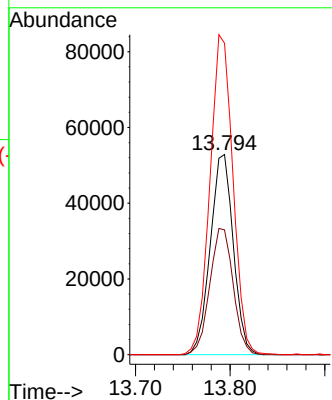
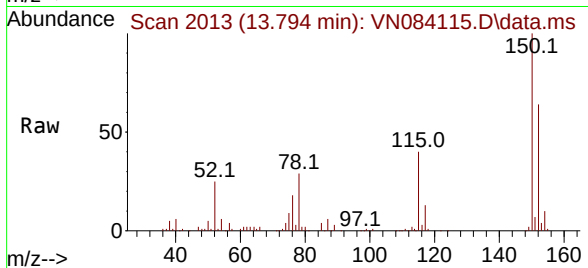
Tgt Ion:152 Resp: 89574

Ion Ratio Lower Upper

152 100

115 64.0 32.2 96.6

150 159.3 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 33.457 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN084115.D

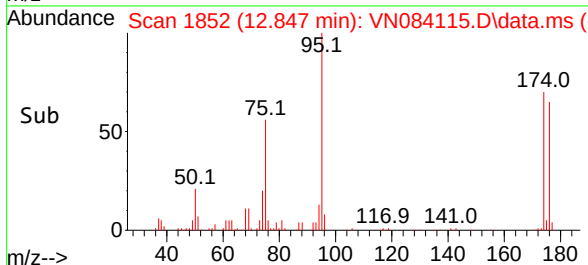
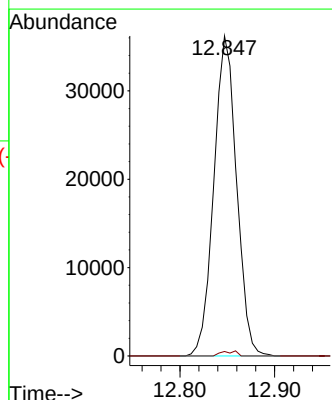
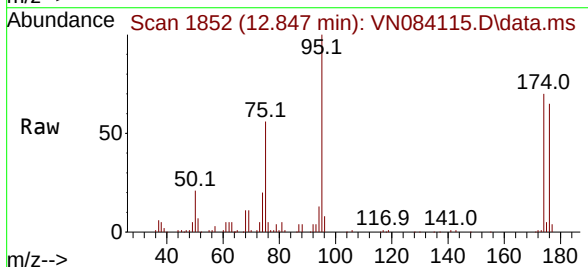
Acq: 23 Sep 2024 17:29

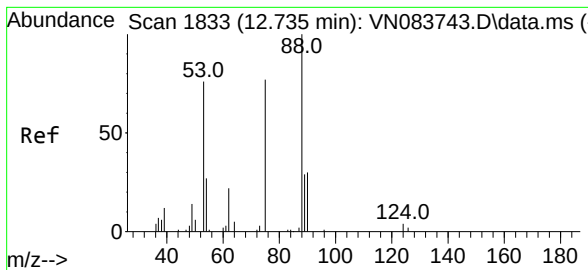
Tgt Ion: 75 Resp: 60471

Ion Ratio Lower Upper

75 100

77 1.0 95.2 285.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.626 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN084115.D
 Acq: 23 Sep 2024 17:29

Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D2-20240913DL

Tgt Ion: 75 Resp: 60471
 Ion Ratio Lower Upper
 75 100
 53 0.1 81.2 121.8#
 89 0.0 35.7 53.5#

