

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083959.D
 Acq On : 18 Sep 2024 03:42
 Operator : JC\MD
 Sample : VN0917MBL02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917MBL02

Quant Time: Sep 18 05:43:05 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)

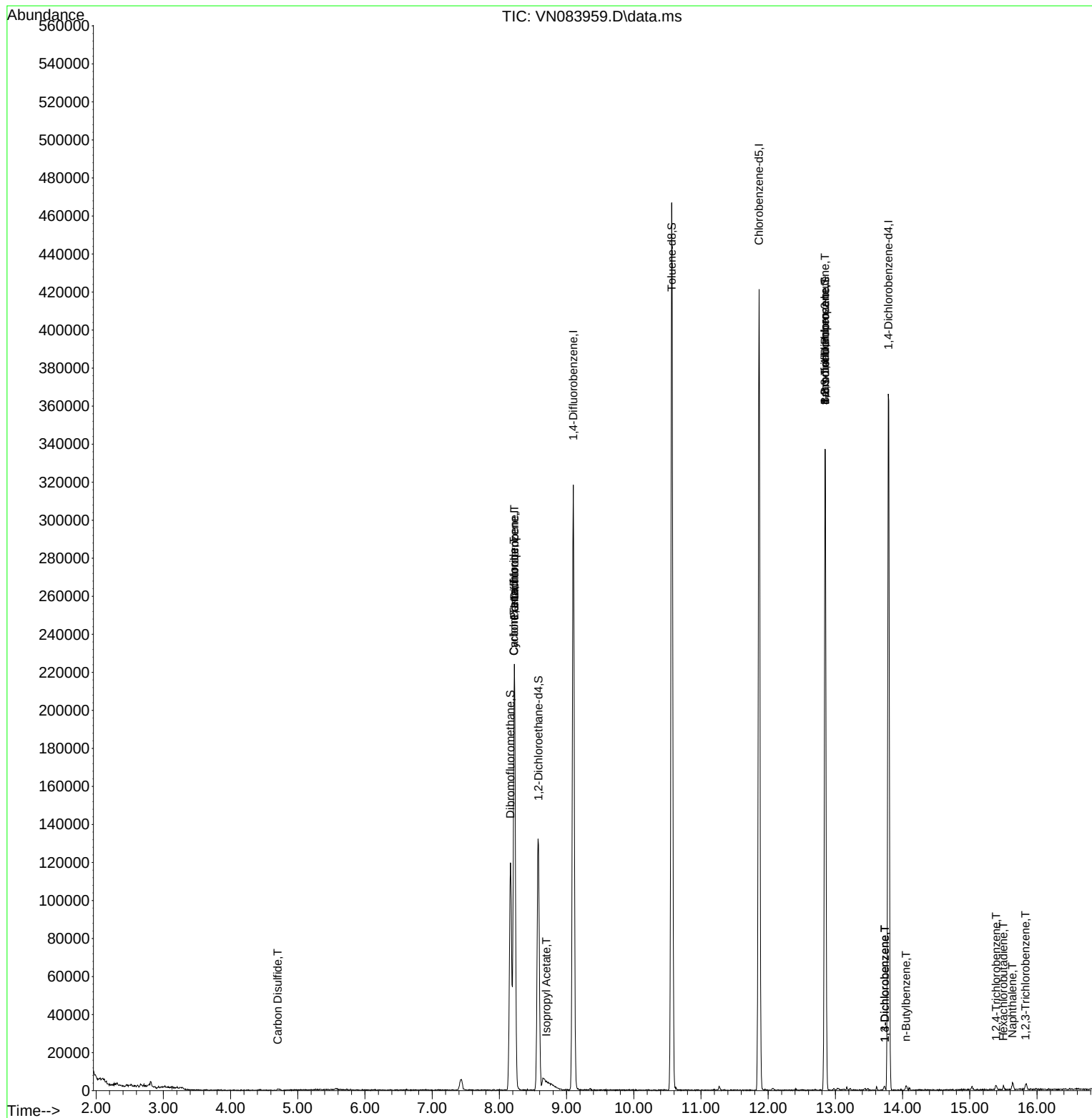
Internal Standards						
1) Pentafluorobenzene	8.224	168	148262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	259116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	219520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	91781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	115051	51.464	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.920%			
35) Dibromofluoromethane	8.165	113	83968	50.619	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.240%			
50) Toluene-d8	10.565	98	305867	53.337	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.680%			
62) 4-Bromofluorobenzene	12.847	95	110296	46.617	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.240%			
Target Compounds						Qvalue
3) Chloromethane	2.353	50	68	Below Cal	#	41
17) Carbon Disulfide	4.700	76	1610	0.359	ug/l #	75
31) Cyclohexane	8.218	56	4062	1.257	ug/l #	35
36) 1,1-Dichloropropene	8.224	75	14159	5.671	ug/l #	51
38) Carbon Tetrachloride	8.218	117	17387	6.138	ug/l #	15
43) Isopropyl Acetate	8.700	43	1093	0.266	ug/l #	57
71) Bromoform	12.847	173	1130	0.991	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	64053	34.587	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	64053	90.585	ug/l #	9
87) 1,3-Dichlorobenzene	13.735	146	664	0.206	ug/l	90
88) 1,4-Dichlorobenzene	13.735	146	664	0.203	ug/l	90
89) n-Butylbenzene	14.053	91	1821	0.348	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	887	0.531	ug/l	84
94) Hexachlorobutadiene	15.500	225	516	0.727	ug/l	95
95) Naphthalene	15.635	128	4183	0.823	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.829	180	1317	0.825	ug/l	86

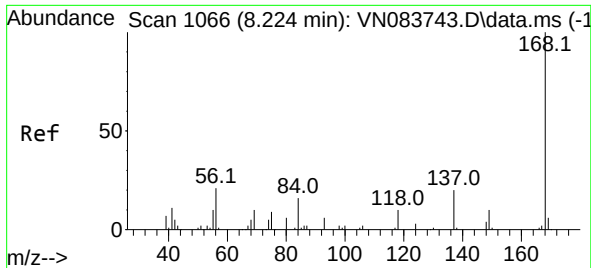
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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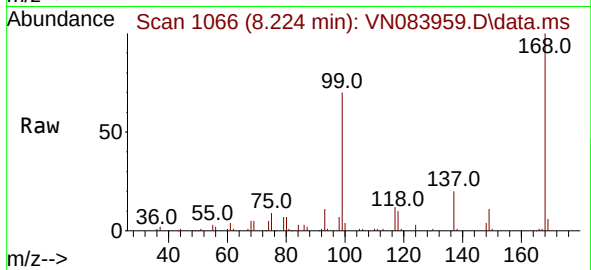
Quant Time: Sep 18 05:43:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



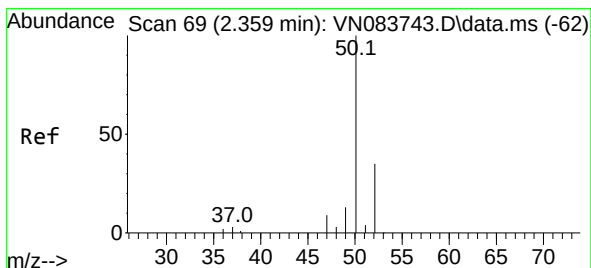
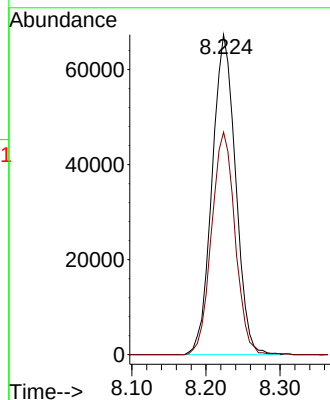
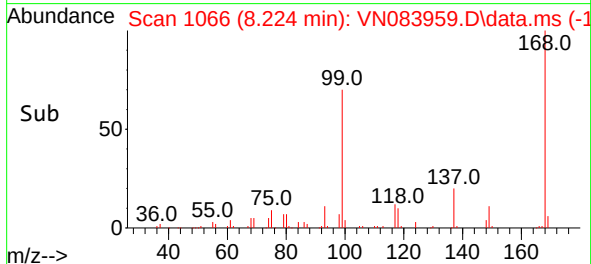


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083959.D
Acq: 18 Sep 2024 03:42

Instrument :
MSVOA_N
ClientSampleId :
VN0917MBL02

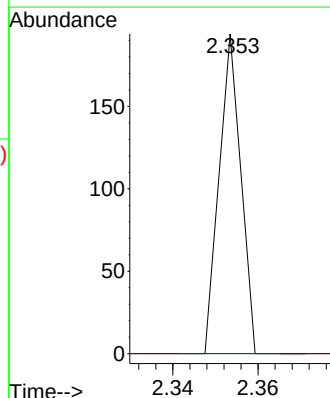
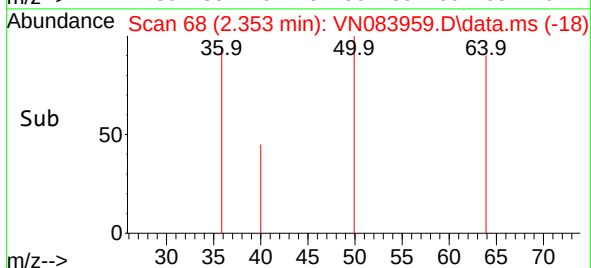
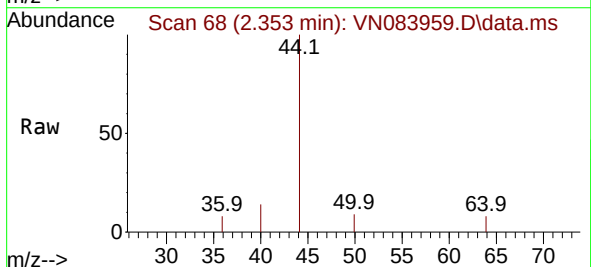


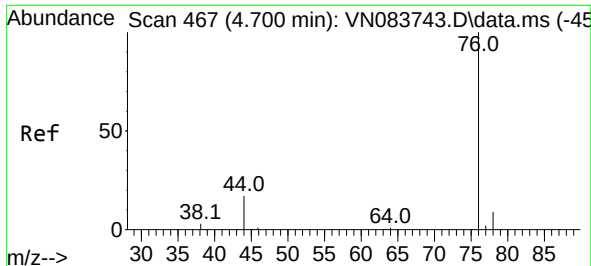
Tgt Ion:168 Resp: 148262
Ion Ratio Lower Upper
168 100
99 69.6 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN083959.D
Acq: 18 Sep 2024 03:42

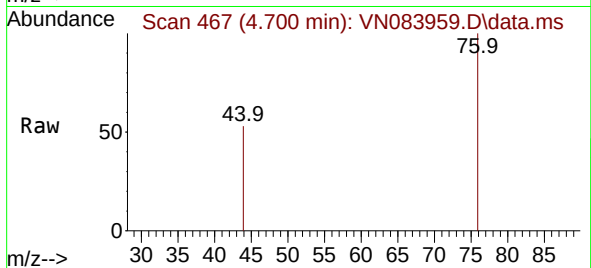
Tgt Ion: 50 Resp: 68
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#



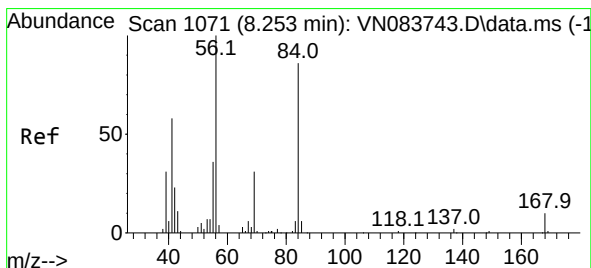
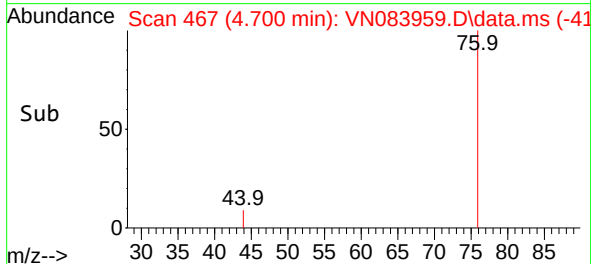
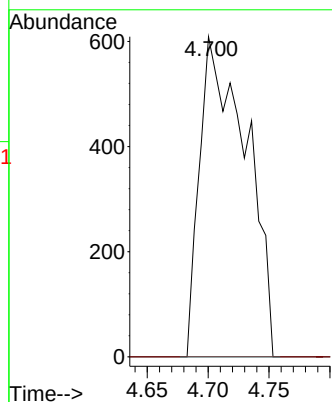


#17
Carbon Disulfide
Concen: 0.359 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN083959.D
Acq: 18 Sep 2024 03:42

Instrument :
MSVOA_N
ClientSampleId :
VN0917MBL02

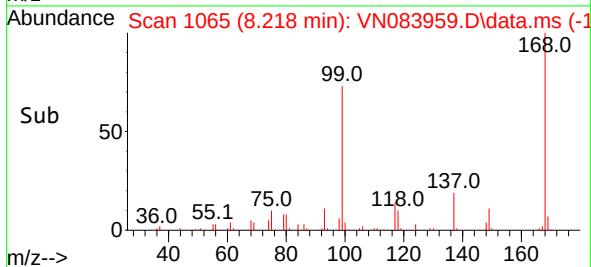
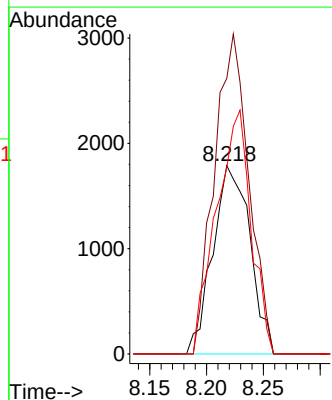
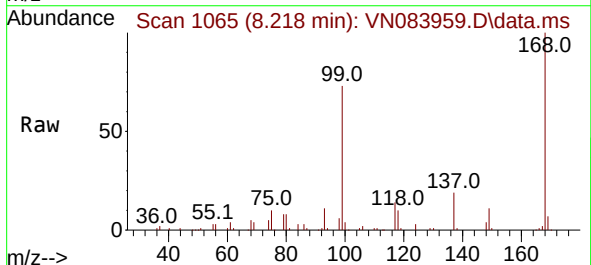


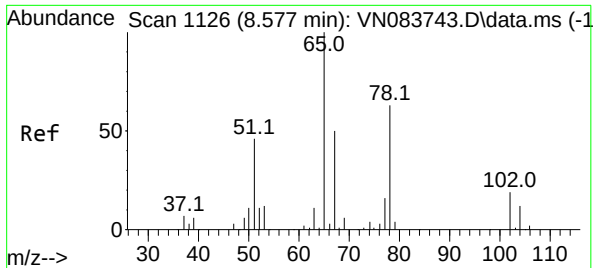
Tgt Ion: 76 Resp: 1610
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#31
Cyclohexane
Concen: 1.257 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083959.D
Acq: 18 Sep 2024 03:42

Tgt Ion: 56 Resp: 4062
Ion Ratio Lower Upper
56 100
69 146.2 26.9 40.3#
84 98.8 69.2 103.8

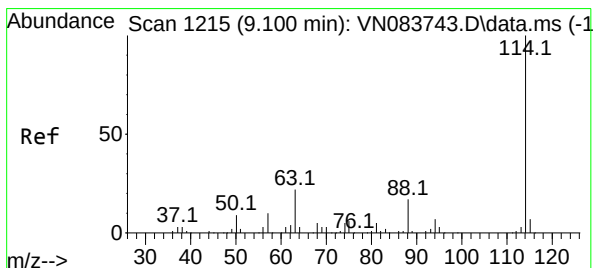
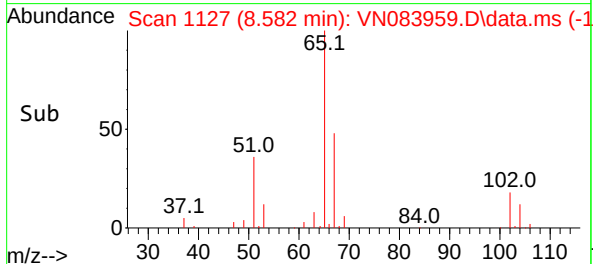
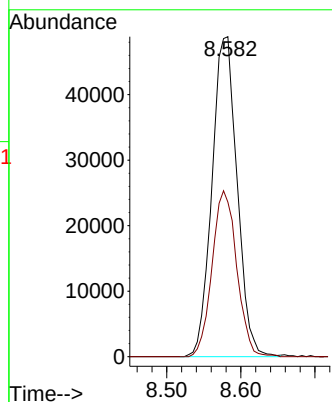
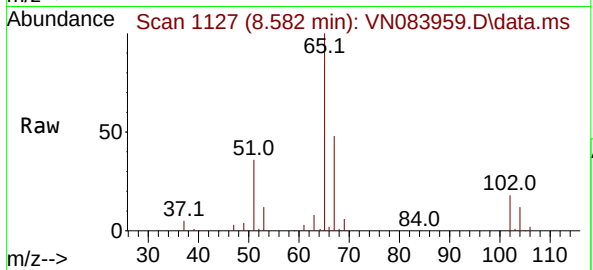




#33
 1,2-Dichloroethane-d4
 Concen: 51.464 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN083959.D
 Acq: 18 Sep 2024 03:42

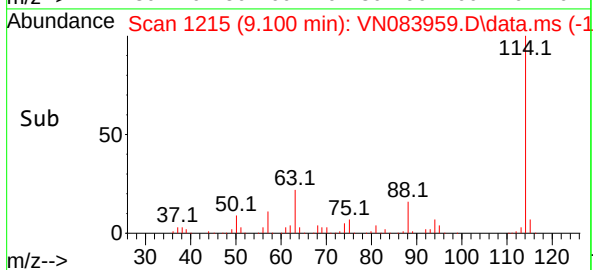
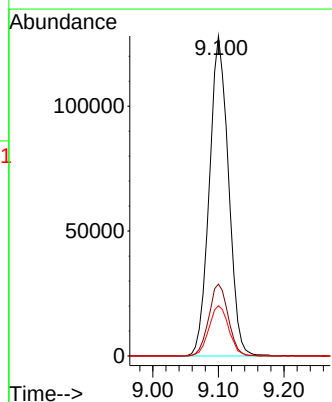
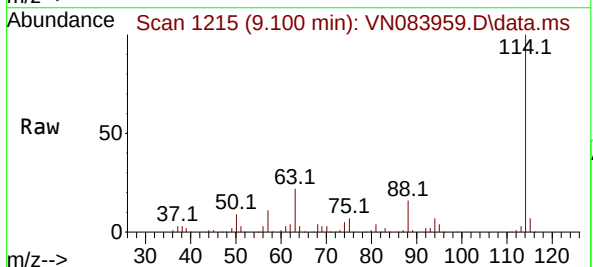
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917MBL02

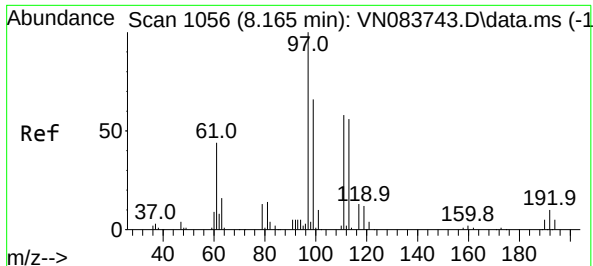
Tgt Ion: 65 Resp: 115051
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN083959.D
 Acq: 18 Sep 2024 03:42

Tgt Ion: 114 Resp: 259116
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.4
 88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.619 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083959.D

Acq: 18 Sep 2024 03:42

Instrument :

MSVOA_N

ClientSampleId :

VN0917MBL02

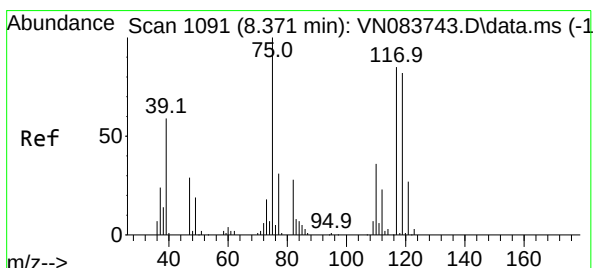
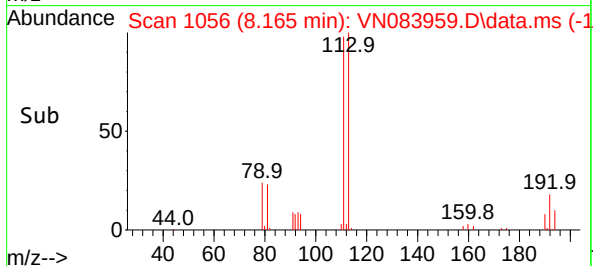
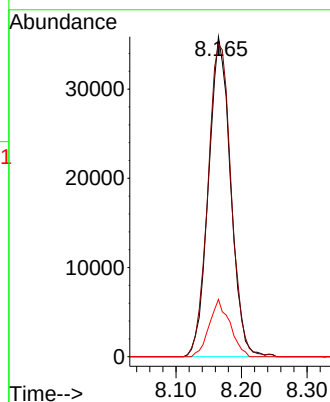
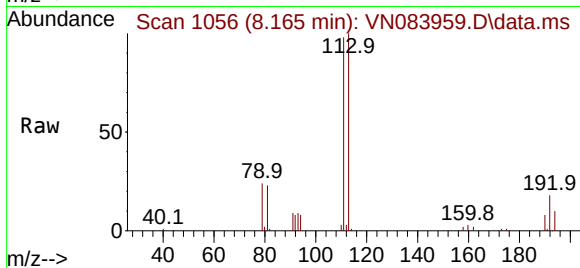
Tgt Ion:113 Resp: 83968

Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 16.7 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.671 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083959.D

Acq: 18 Sep 2024 03:42

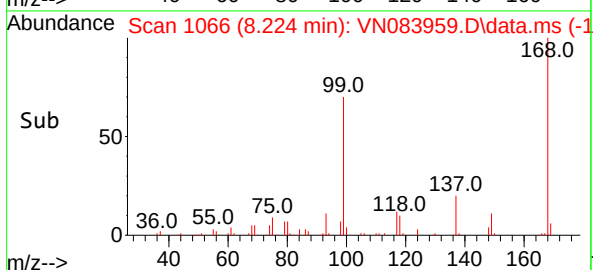
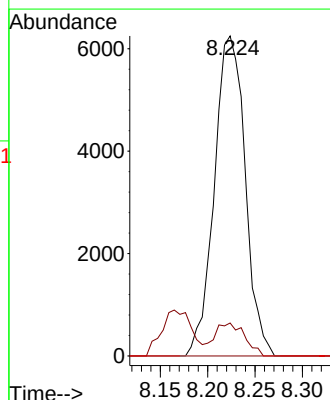
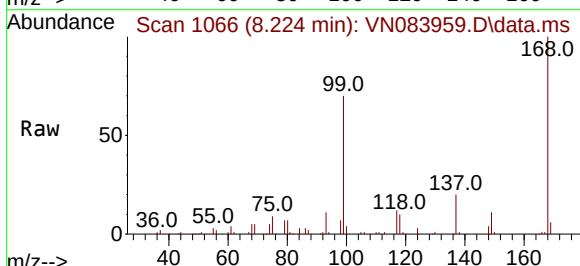
Tgt Ion: 75 Resp: 14159

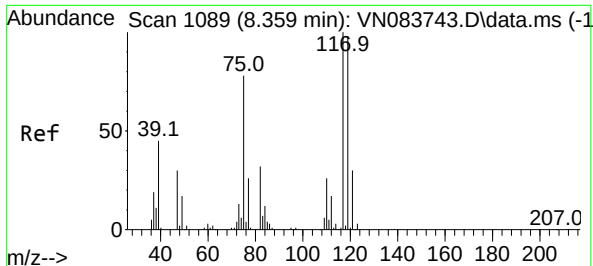
Ion Ratio Lower Upper

75 100

110 10.2 16.7 50.1#

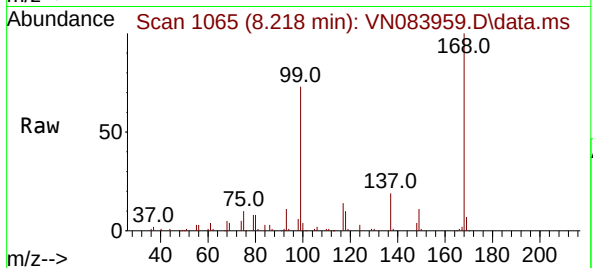
77 0.0 25.2 37.8#



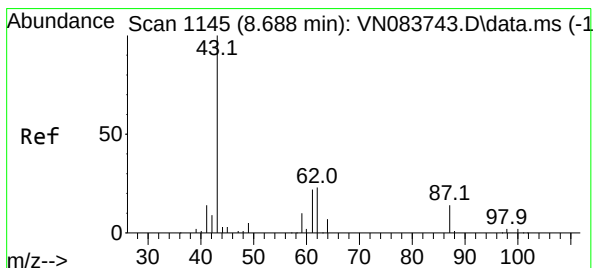
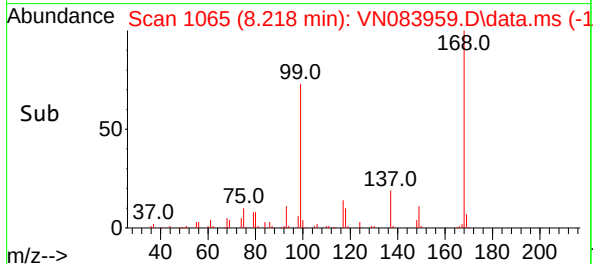
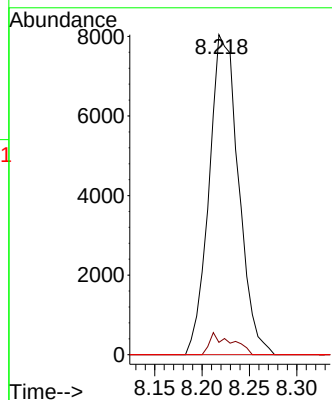


#38
Carbon Tetrachloride
Concen: 6.138 ug/l
RT: 8.218 min Scan# 1105
Delta R.T. -0.141 min
Lab File: VN083959.D
Acq: 18 Sep 2024 03:42

Instrument :
MSVOA_N
ClientSampleId :
VN0917MBL02

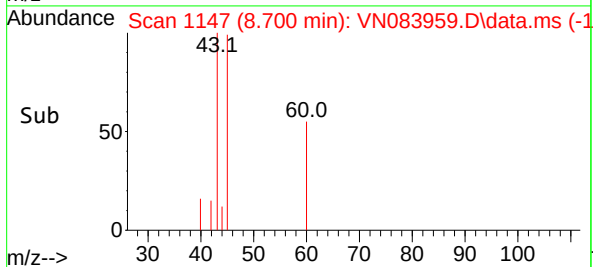
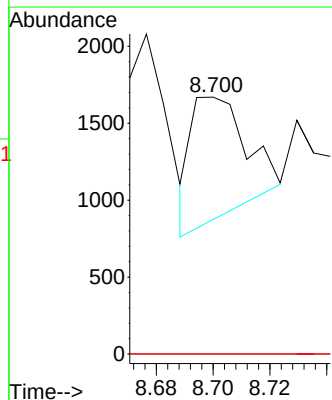
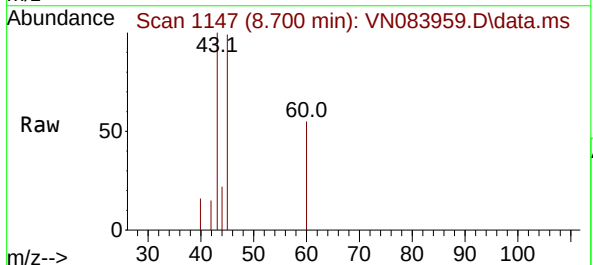


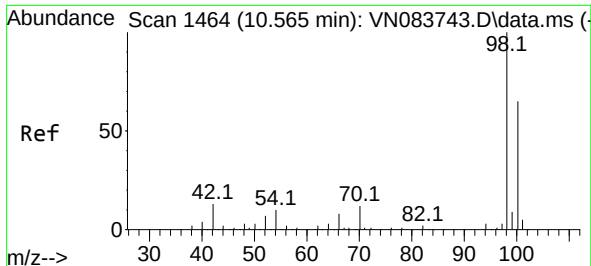
Tgt Ion:117 Resp: 17387
Ion Ratio Lower Upper
117 100
119 3.9 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 0.266 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.012 min
Lab File: VN083959.D
Acq: 18 Sep 2024 03:42

Tgt Ion: 43 Resp: 1093
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

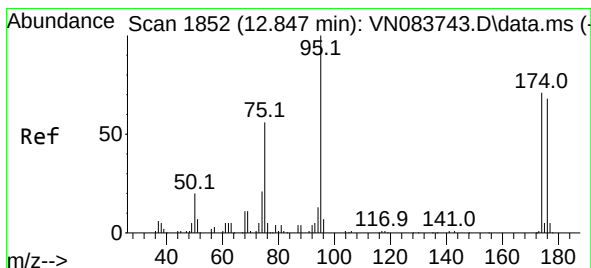
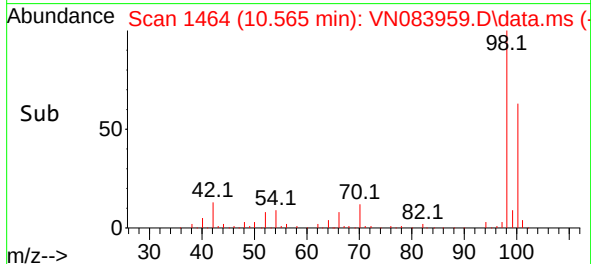
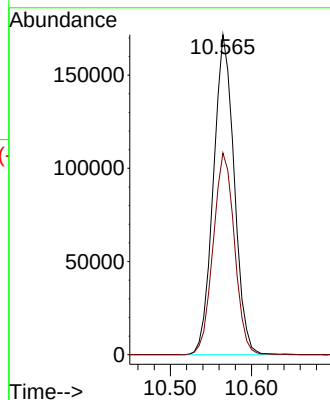
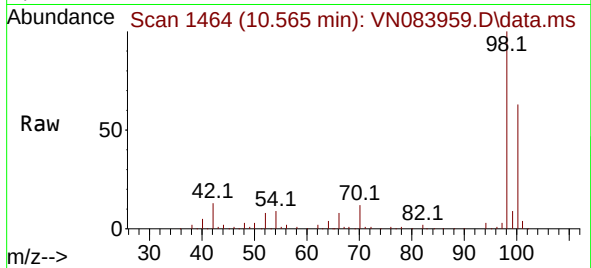




#50
Toluene-d8
Concen: 53.337 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083959.D
Acq: 18 Sep 2024 03:42

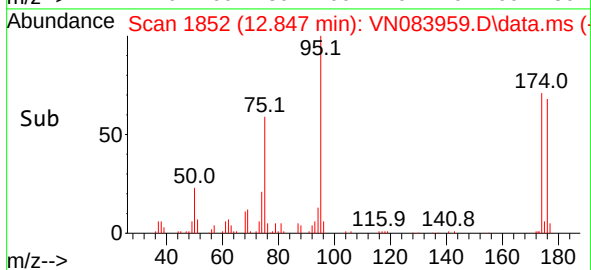
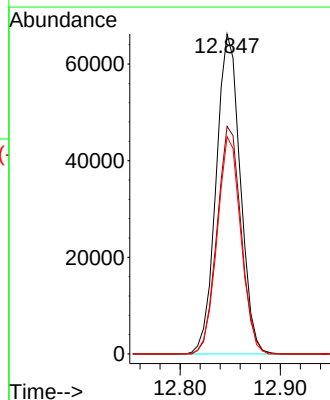
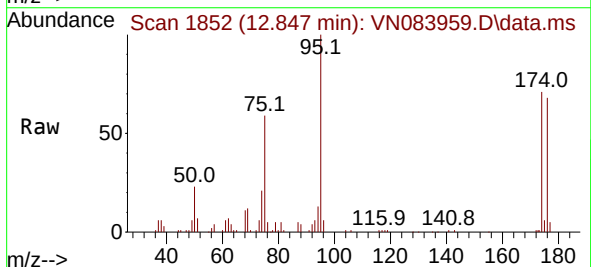
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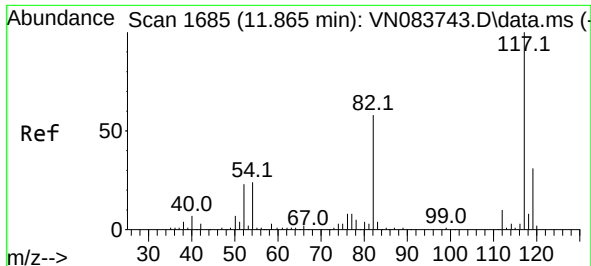
Tgt Ion: 98 Resp: 305867
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.617 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083959.D
Acq: 18 Sep 2024 03:42

Tgt Ion: 95 Resp: 110296
Ion Ratio Lower Upper
95 100
174 71.1 0.0 139.8
176 67.2 0.0 131.4

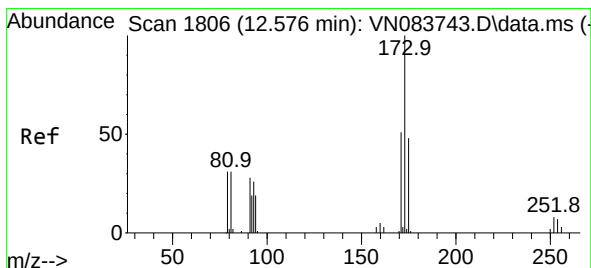
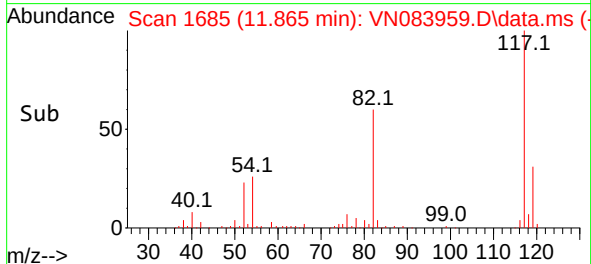
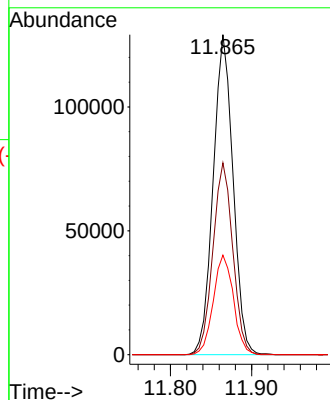
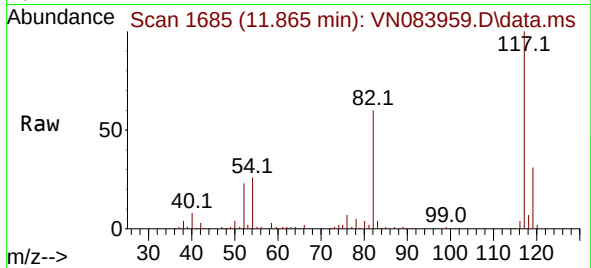




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083959.D
Acq: 18 Sep 2024 03:42

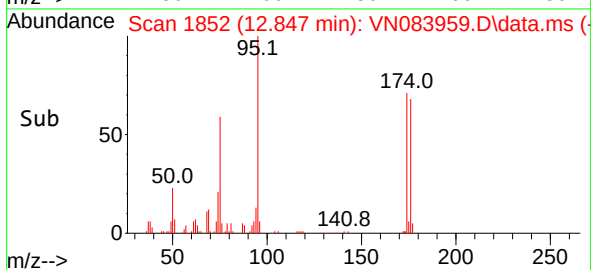
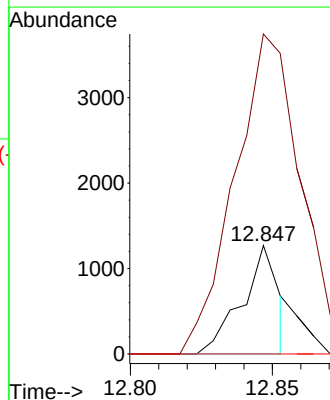
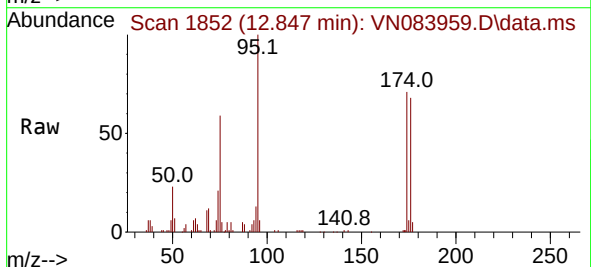
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBL02

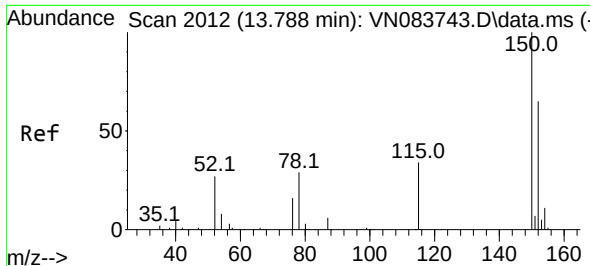
Tgt Ion:117 Resp: 219520
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.0
119 31.1 26.3 39.5



#71
Bromoform
Concen: 0.991 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN083959.D
Acq: 18 Sep 2024 03:42

Tgt Ion:173 Resp: 1130
Ion Ratio Lower Upper
173 100
175 404.3 24.1 72.2#
254 0.0 0.0 0.0

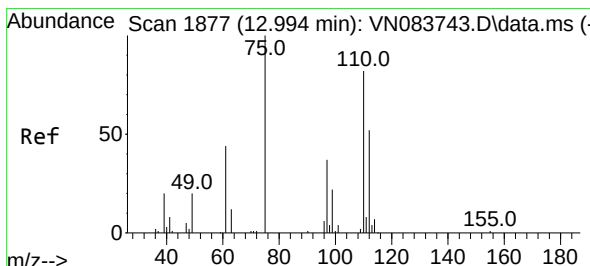
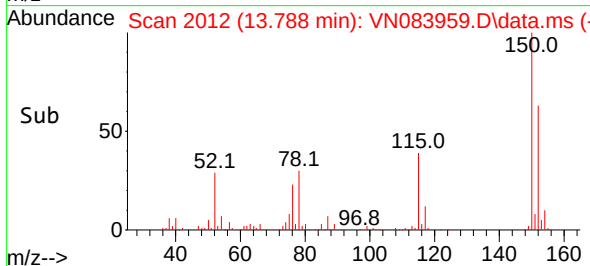
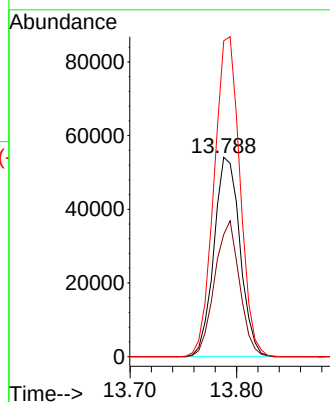
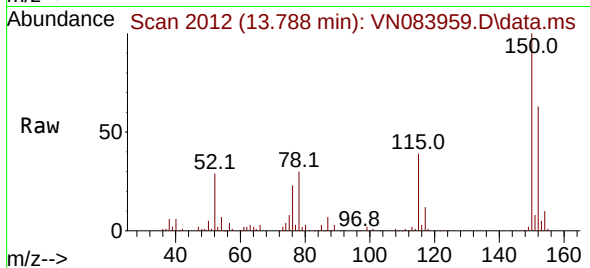




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN083959.D
 Acq: 18 Sep 2024 03:42

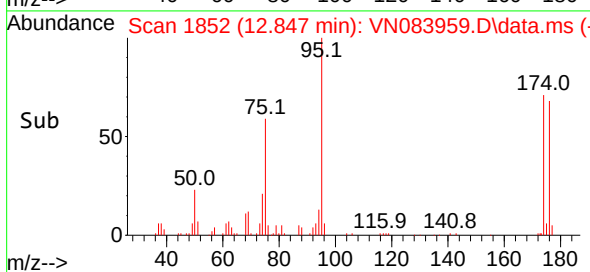
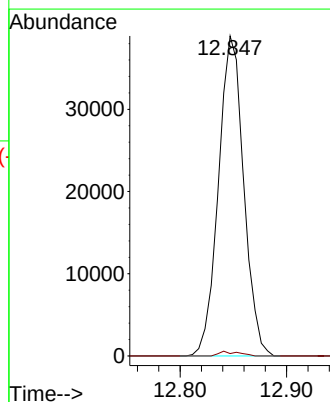
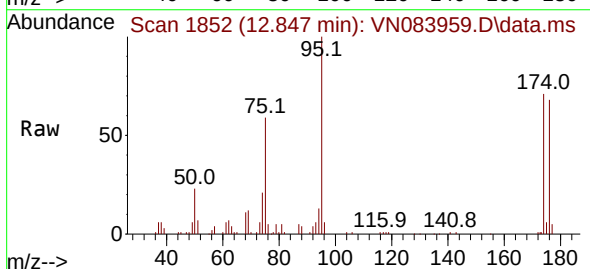
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917MBL02

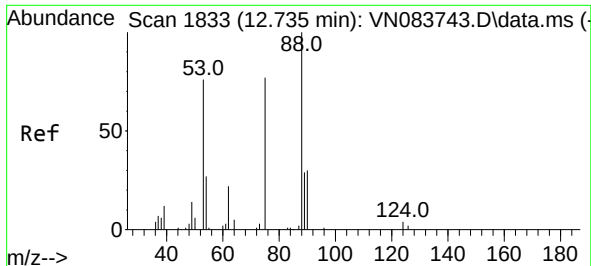
Tgt Ion:152 Resp: 91781
 Ion Ratio Lower Upper
 152 100
 115 65.2 32.2 96.6
 150 159.4 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 34.587 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083959.D
 Acq: 18 Sep 2024 03:42

Tgt Ion: 75 Resp: 64053
 Ion Ratio Lower Upper
 75 100
 77 1.1 95.2 285.6#

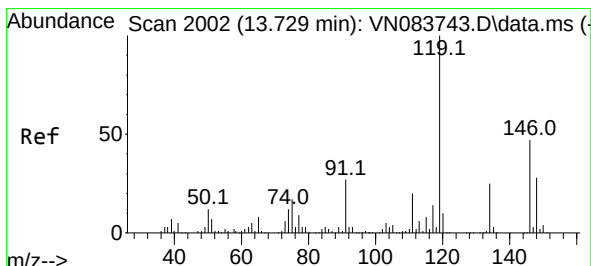
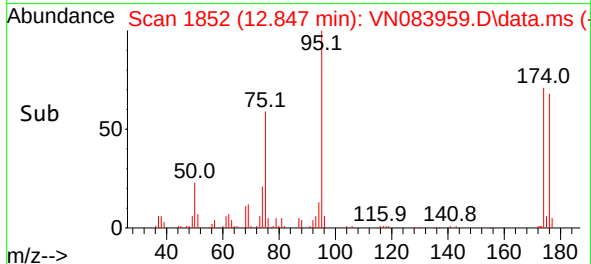
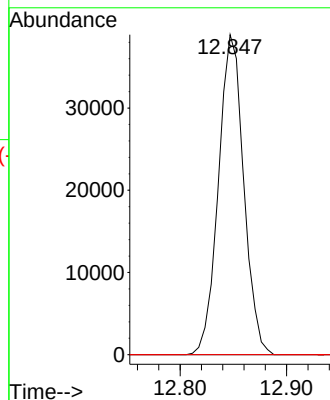
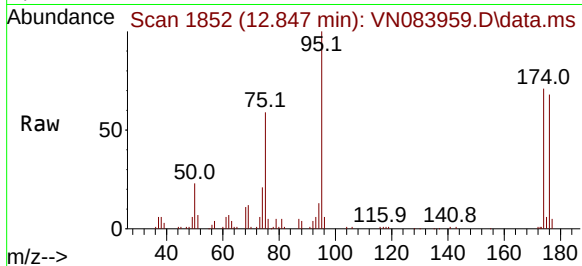




#81
trans-1,4-Dichloro-2-butene
Concen: 90.585 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN083959.D
Acq: 18 Sep 2024 03:42

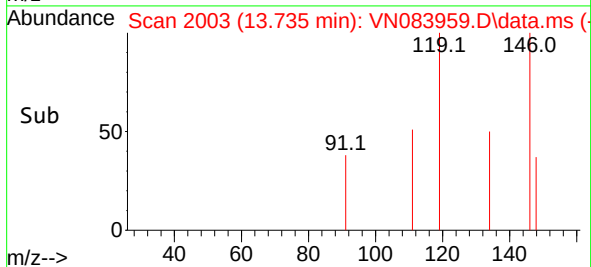
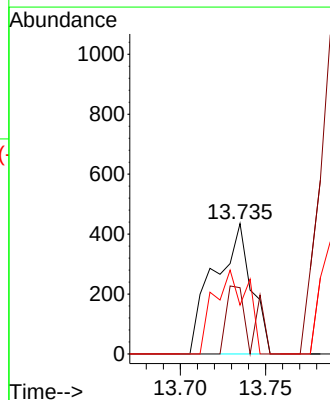
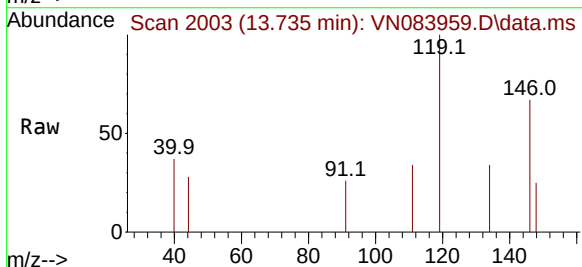
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBL02

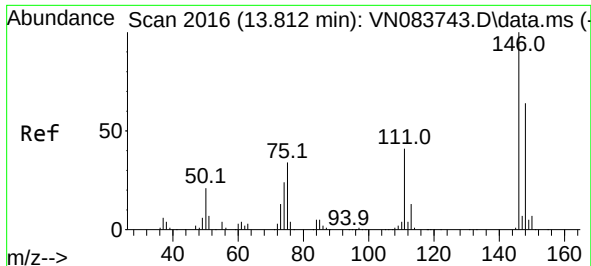
Tgt Ion: 75 Resp: 64053
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#



#87
1,3-Dichlorobenzene
Concen: 0.206 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN083959.D
Acq: 18 Sep 2024 03:42

Tgt Ion:146 Resp: 664
Ion Ratio Lower Upper
146 100
111 34.3 21.7 65.1
148 57.4 31.7 95.1

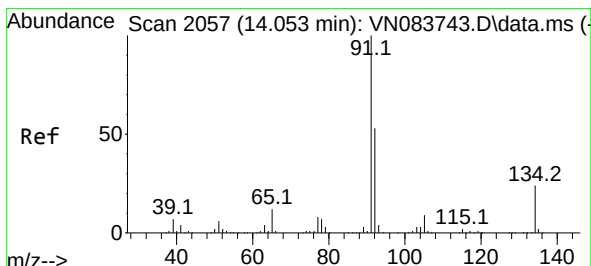
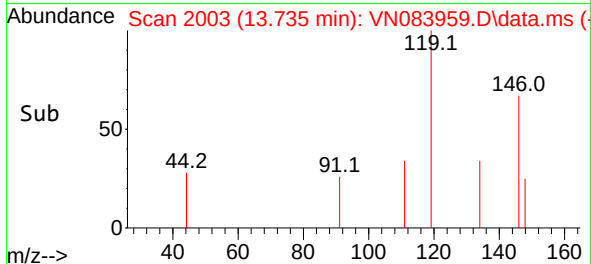
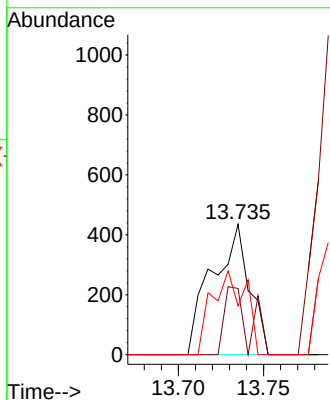
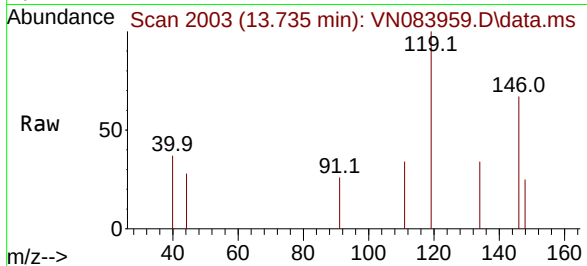




#88
1,4-Dichlorobenzene
Concen: 0.203 ug/l
RT: 13.735 min Scan# 2016
Delta R.T. -0.077 min
Lab File: VN083959.D
Acq: 18 Sep 2024 03:42

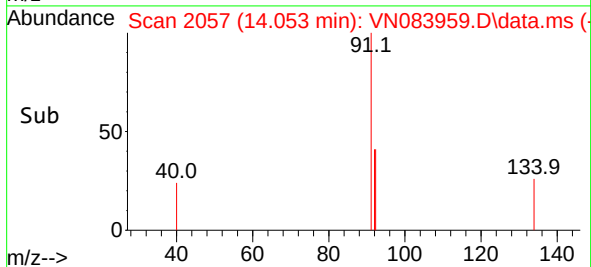
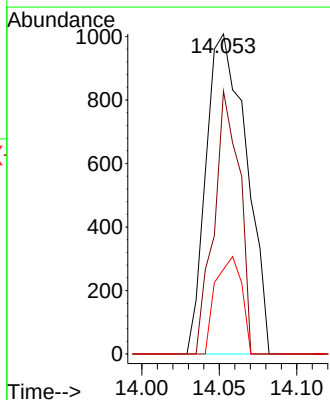
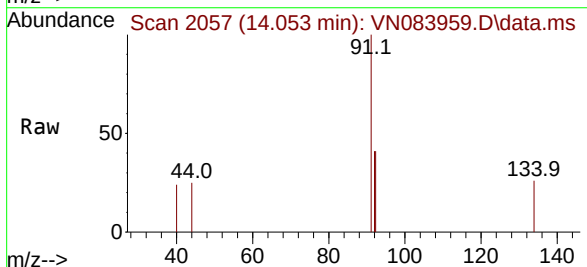
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBL02

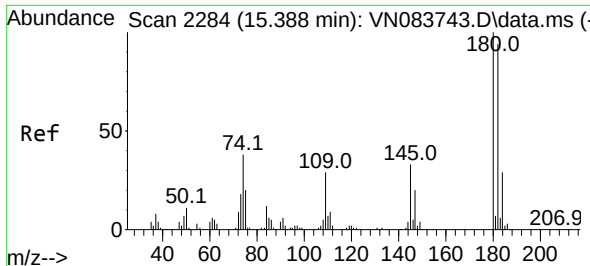
Tgt Ion:146 Resp: 664
Ion Ratio Lower Upper
146 100
111 34.3 21.3 64.0
148 57.4 32.0 96.2



#89
n-Butylbenzene
Concen: 0.348 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN083959.D
Acq: 18 Sep 2024 03:42

Tgt Ion: 91 Resp: 1821
Ion Ratio Lower Upper
91 100
92 52.2 26.7 80.1
134 19.8 12.2 36.4

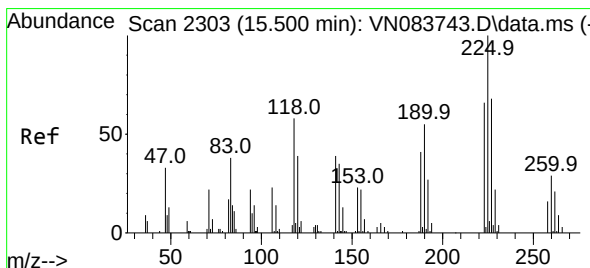
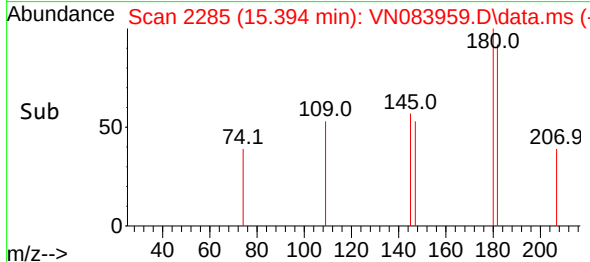
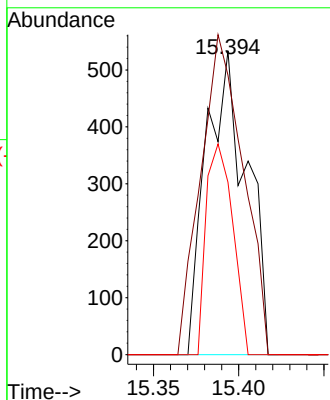
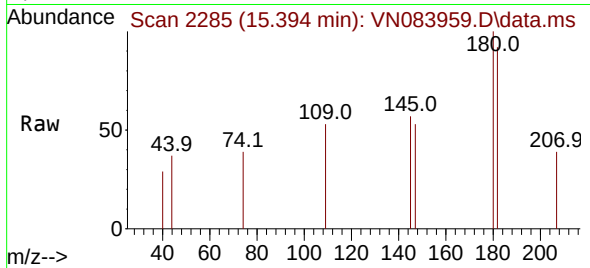




#93
 1,2,4-Trichlorobenzene
 Concen: 0.531 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN083959.D
 Acq: 18 Sep 2024 03:42

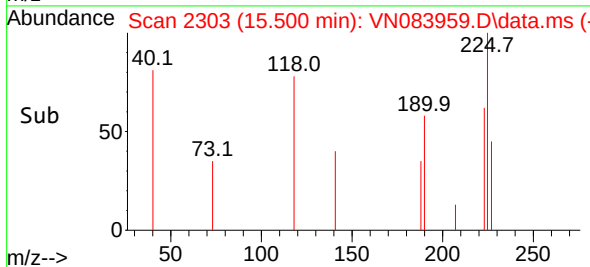
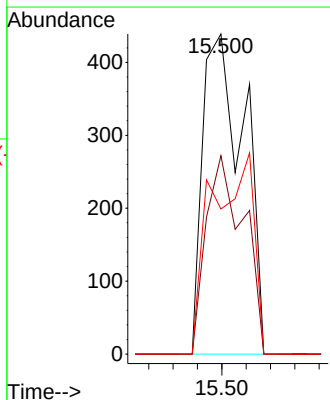
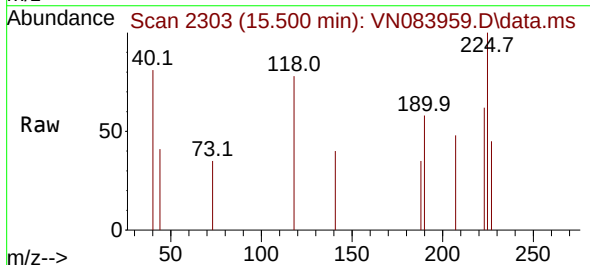
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917MBL02

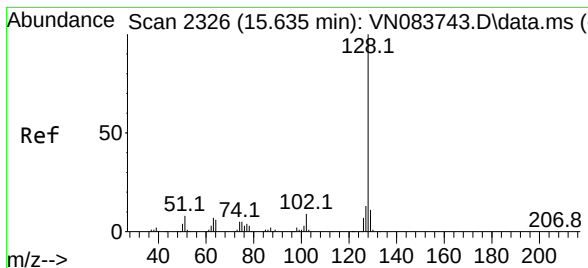
Tgt Ion:180 Resp: 887
 Ion Ratio Lower Upper
 180 100
 182 109.8 48.1 144.3
 145 45.3 16.9 50.7



#94
 Hexachlorobutadiene
 Concen: 0.727 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN083959.D
 Acq: 18 Sep 2024 03:42

Tgt Ion:225 Resp: 516
 Ion Ratio Lower Upper
 225 100
 223 56.6 31.9 95.5
 227 63.4 32.0 96.2

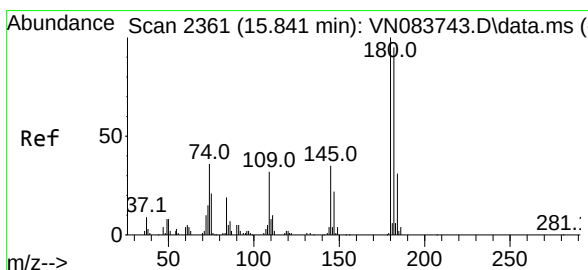
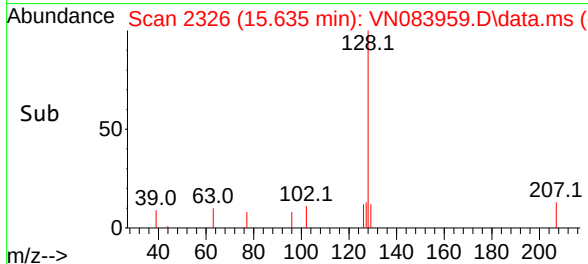
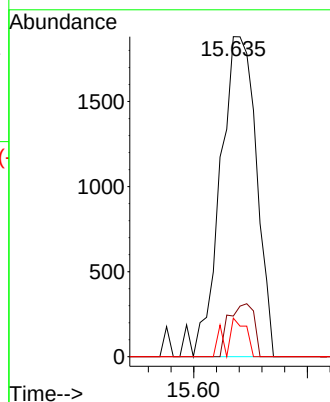
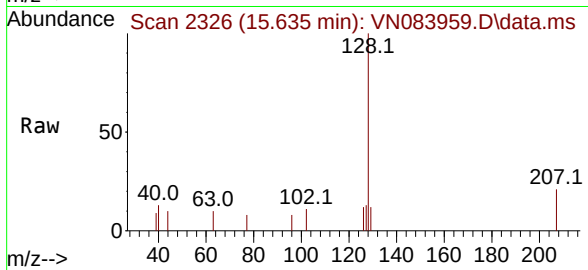




#95
Naphthalene
Concen: 0.823 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN083959.D
Acq: 18 Sep 2024 03:42

Instrument :
MSVOA_N
ClientSampleId :
VN0917MBL02

Tgt Ion:128 Resp: 4183
Ion Ratio Lower Upper
128 100
127 11.5 10.2 15.2
129 6.5 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.825 ug/l
RT: 15.829 min Scan# 2359
Delta R.T. -0.012 min
Lab File: VN083959.D
Acq: 18 Sep 2024 03:42

Tgt Ion:180 Resp: 1317
Ion Ratio Lower Upper
180 100
182 111.5 47.1 141.4
145 33.4 17.8 53.5

