

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083932.D
 Acq On : 17 Sep 2024 09:45
 Operator : JC\MD
 Sample : VN0917MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917MBL01

Quant Time: Sep 18 01:42:30 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)

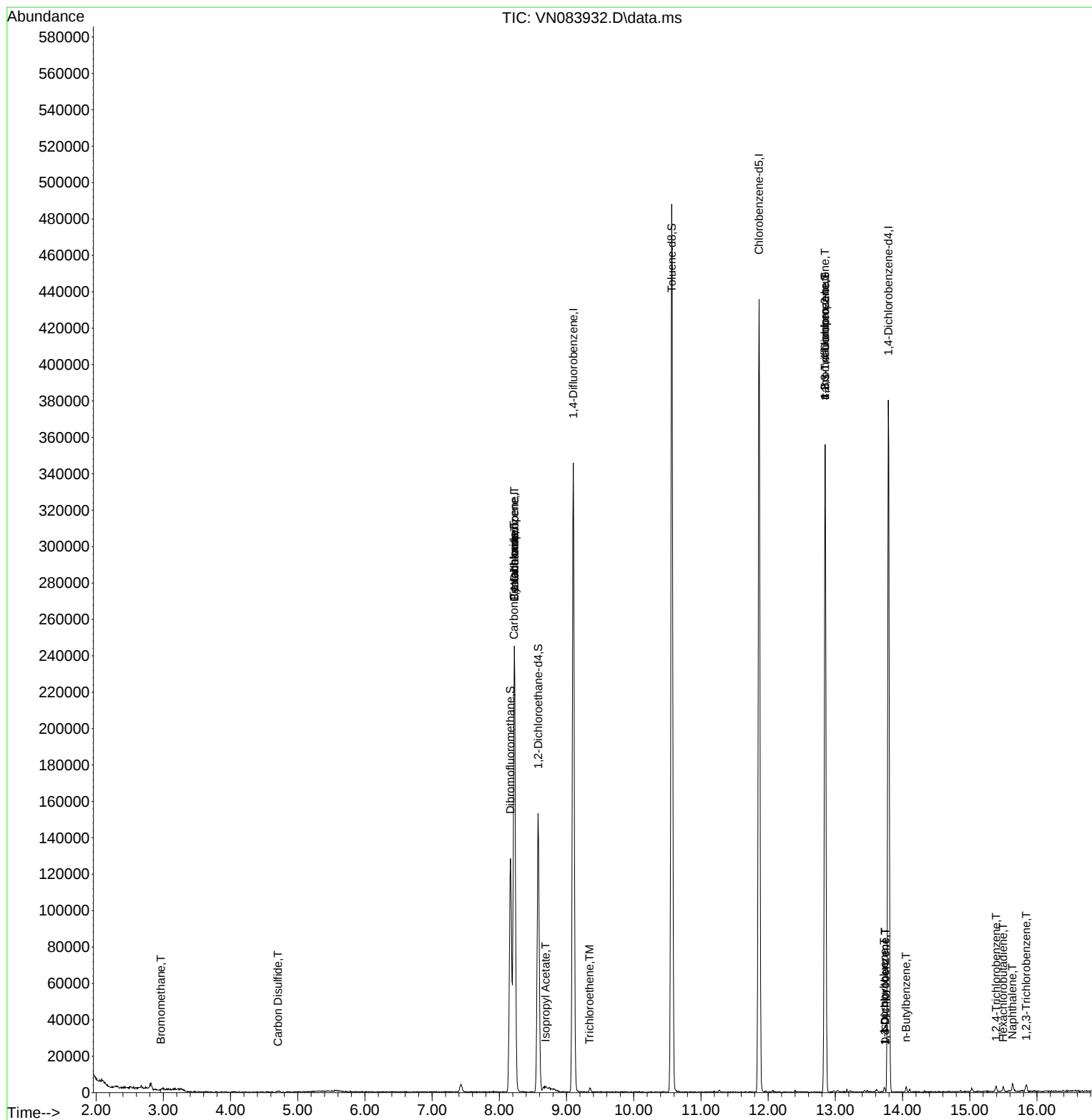
Internal Standards						
1) Pentafluorobenzene	8.224	168	161795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	277472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	94656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125029	51.249	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.500%			
35) Dibromofluoromethane	8.165	113	89792	50.549	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.100%			
50) Toluene-d8	10.565	98	325539	53.012	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.020%			
62) 4-Bromofluorobenzene	12.847	95	119140	47.024	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.040%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	74	Below Cal	#	41
5) Bromomethane	2.965	94	315	0.266	ug/l #	2
17) Carbon Disulfide	4.706	76	1681	0.343	ug/l #	75
31) Cyclohexane	8.224	56	4511	1.279	ug/l #	48
36) 1,1-Dichloropropene	8.224	75	14978	5.602	ug/l #	52
38) Carbon Tetrachloride	8.218	117	18466	6.088	ug/l #	15
43) Isopropyl Acetate	8.688	43	3711	0.844	ug/l #	57
44) Trichloroethene	9.341	130	766	0.411	ug/l	68
76) 1,2,3-Trichloropropane	12.847	75	67539	35.361	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	67539	92.614	ug/l #	9
86) p-Isopropyltoluene	13.723	119	1239	0.206	ug/l #	74
87) 1,3-Dichlorobenzene	13.741	146	782	0.235	ug/l	89
88) 1,4-Dichlorobenzene	13.741	146	782	0.232	ug/l	89
89) n-Butylbenzene	14.053	91	1986	0.368	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	1209	0.702	ug/l	78
94) Hexachlorobutadiene	15.494	225	725	0.991	ug/l	83
95) Naphthalene	15.635	128	5029	0.959	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.841	180	1412	0.858	ug/l	88

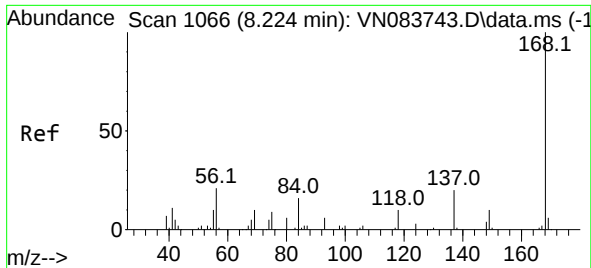
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

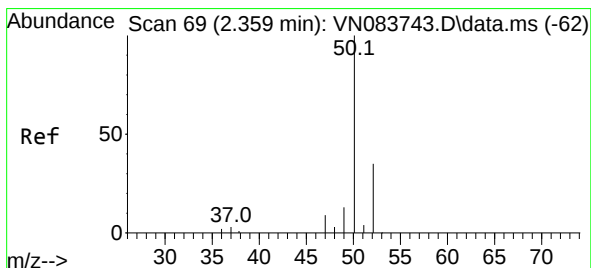
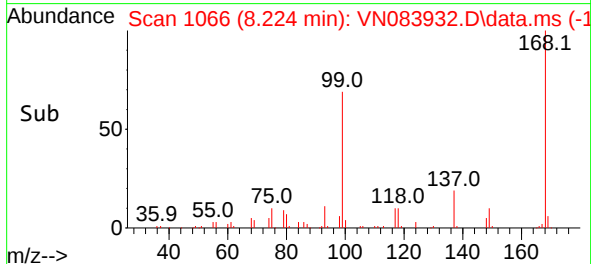
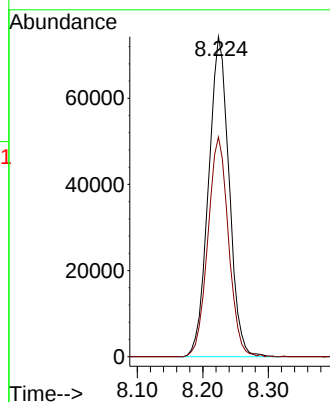
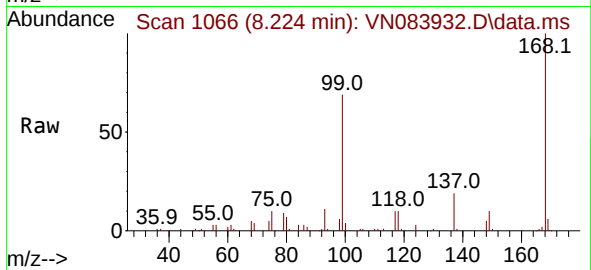




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083932.D
Acq: 17 Sep 2024 09:45

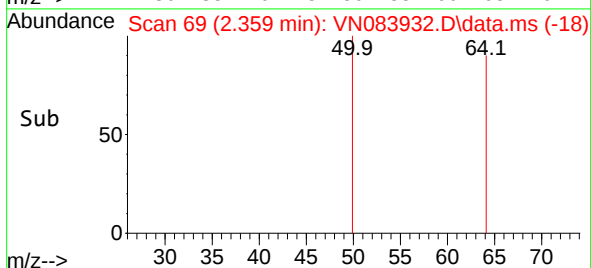
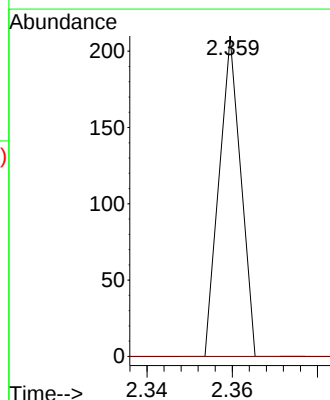
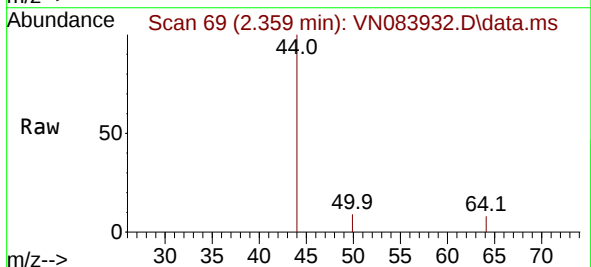
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBL01

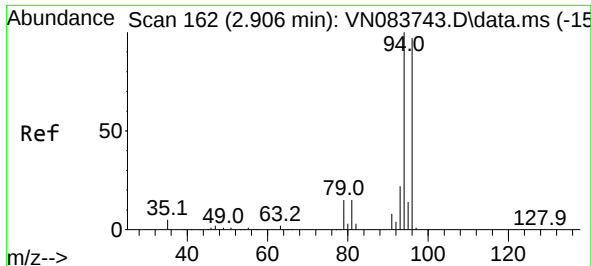
Tgt Ion:168 Resp: 161795
Ion Ratio Lower Upper
168 100
99 68.7 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083932.D
Acq: 17 Sep 2024 09:45

Tgt Ion: 50 Resp: 74
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#





#5

Bromomethane

Concen: 0.266 ug/l

RT: 2.965 min Scan# 11

Delta R.T. 0.059 min

Lab File: VN083932.D

Acq: 17 Sep 2024 09:45

Instrument :

MSVOA_N

ClientSampleId :

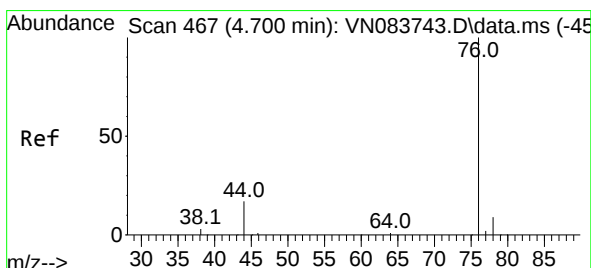
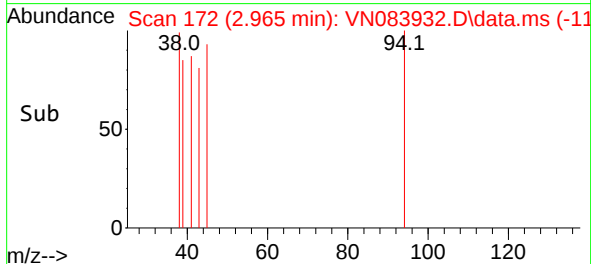
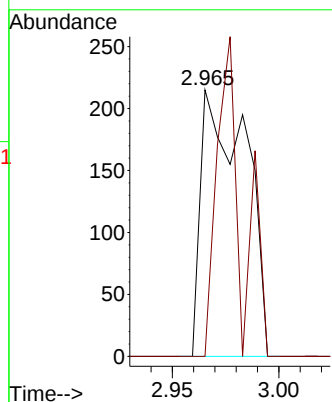
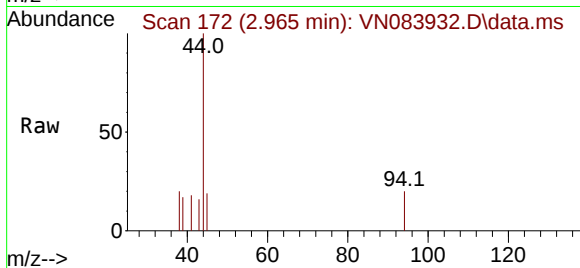
VN0917MBL01

Tgt Ion: 94 Resp: 315

Ion Ratio Lower Upper

94 100

96 0.0 76.0 114.0#



#17

Carbon Disulfide

Concen: 0.343 ug/l

RT: 4.706 min Scan# 468

Delta R.T. 0.006 min

Lab File: VN083932.D

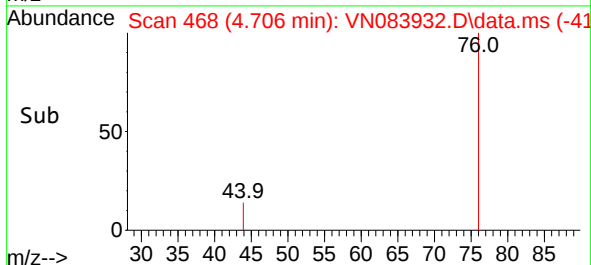
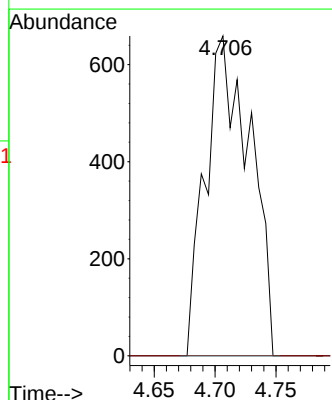
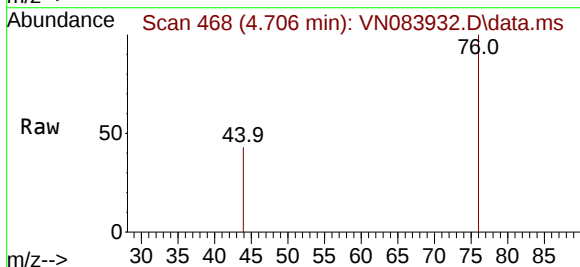
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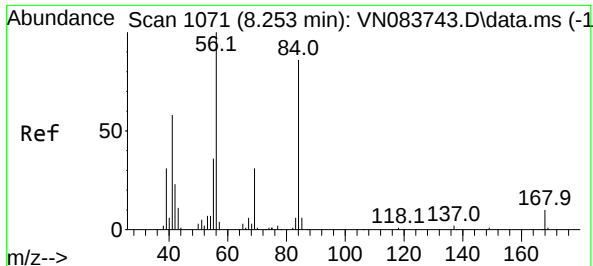
Tgt Ion: 76 Resp: 1681

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#

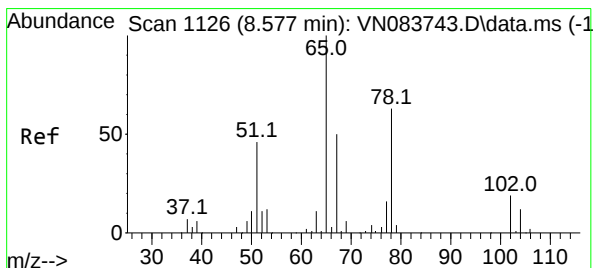
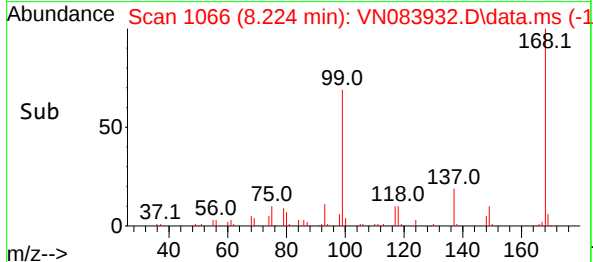
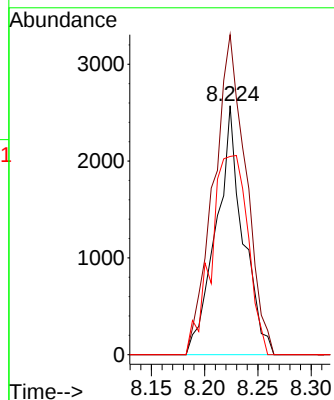
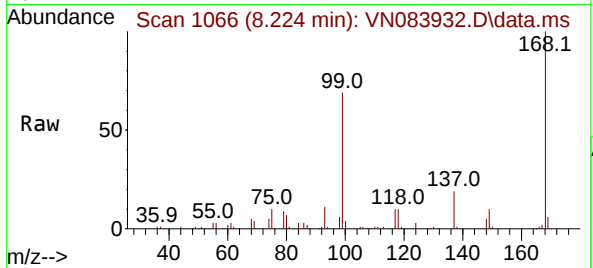




#31
Cyclohexane
Concen: 1.279 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN083932.D
Acq: 17 Sep 2024 09:45

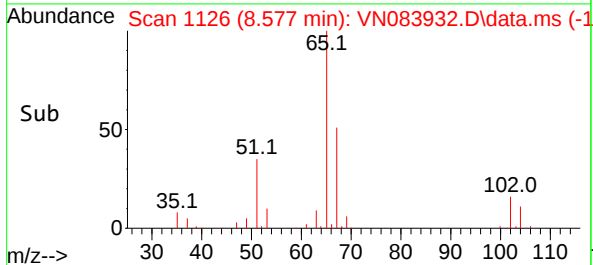
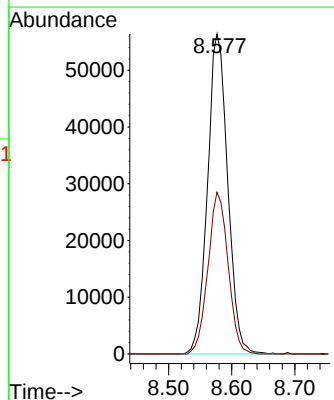
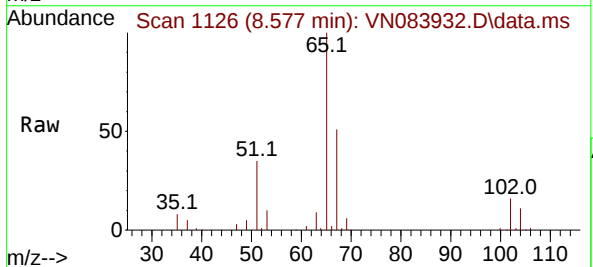
Instrument :
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VN0917MBL01

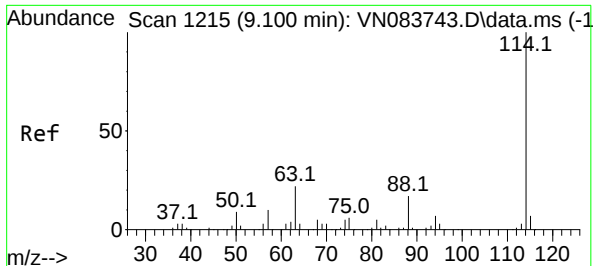
Tgt Ion: 56 Resp: 4511
Ion Ratio Lower Upper
56 100
69 128.5 26.9 40.3#
84 79.6 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 51.249 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083932.D
Acq: 17 Sep 2024 09:45

Tgt Ion: 65 Resp: 125029
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.8

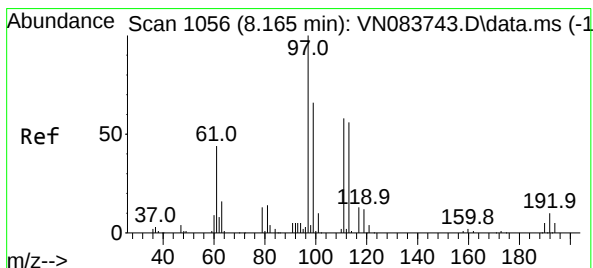
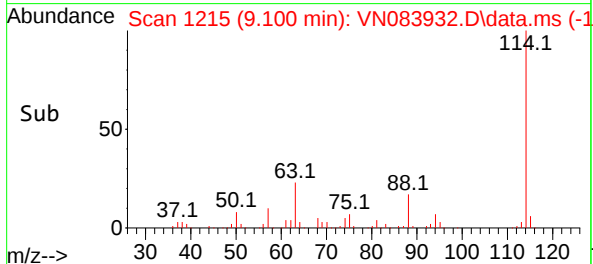
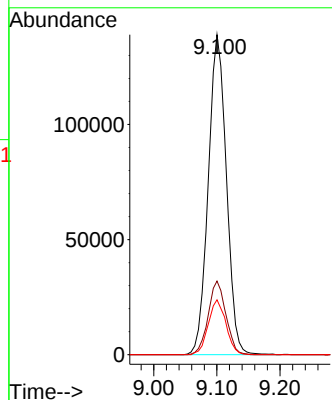
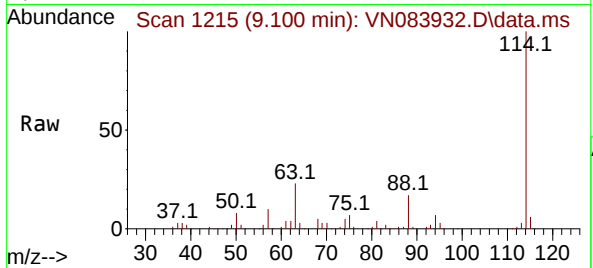




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083932.D
Acq: 17 Sep 2024 09:45

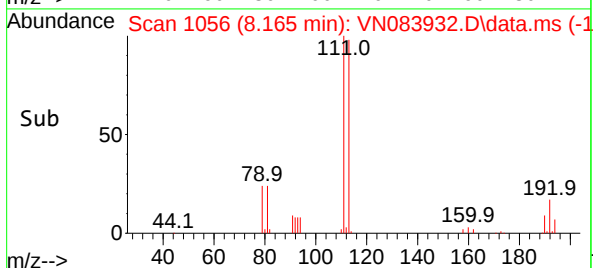
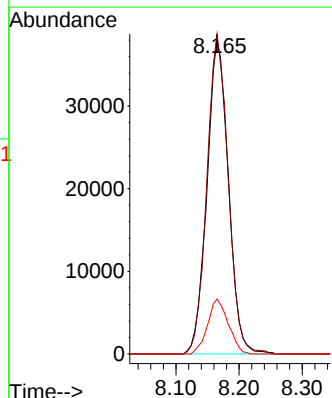
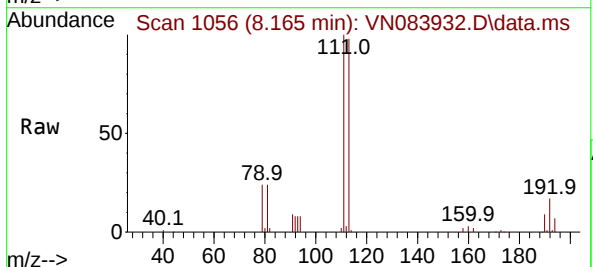
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBL01

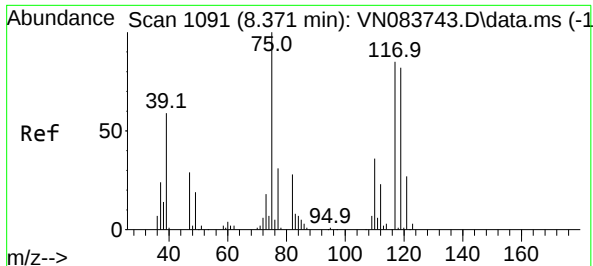
Tgt Ion:114 Resp: 277472
Ion Ratio Lower Upper
114 100
63 23.0 0.0 43.4
88 17.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.549 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083932.D
Acq: 17 Sep 2024 09:45

Tgt Ion:113 Resp: 89792
Ion Ratio Lower Upper
113 100
111 101.3 82.6 124.0
192 16.9 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.602 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083932.D

Acq: 17 Sep 2024 09:45

Instrument :

MSVOA_N

ClientSampleId :

VN0917MBL01

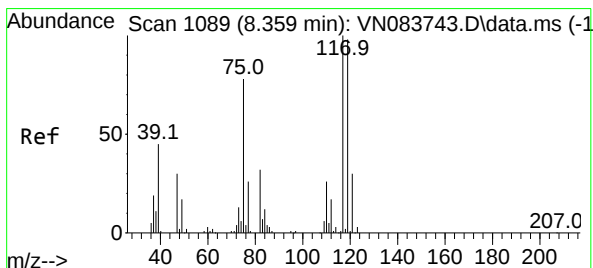
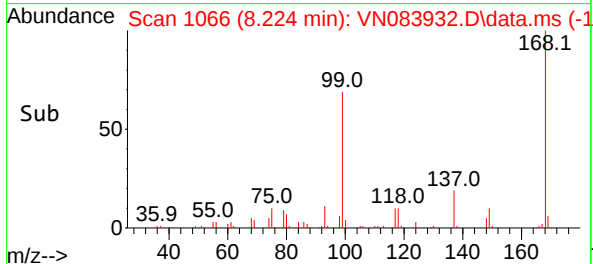
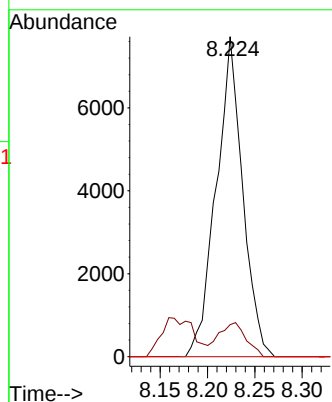
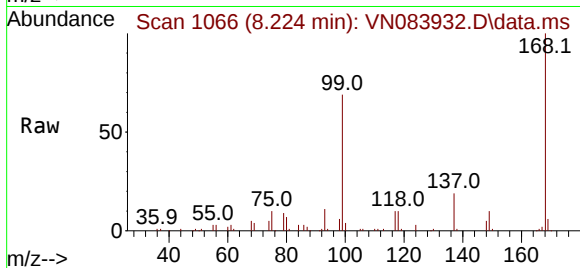
Tgt Ion: 75 Resp: 14978

Ion Ratio Lower Upper

75 100

110 10.9 16.7 50.1#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 6.088 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN083932.D

Acq: 17 Sep 2024 09:45

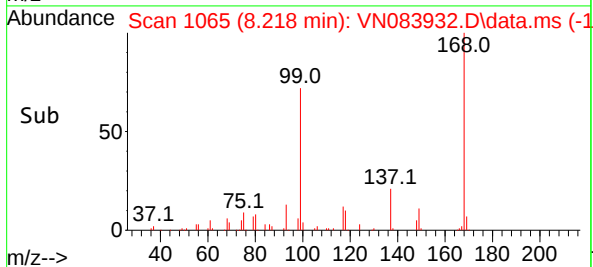
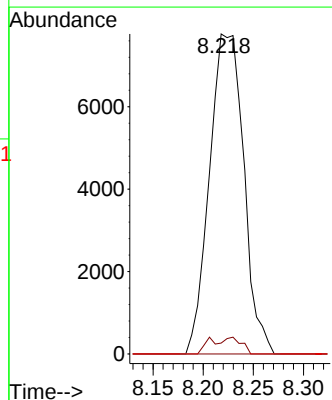
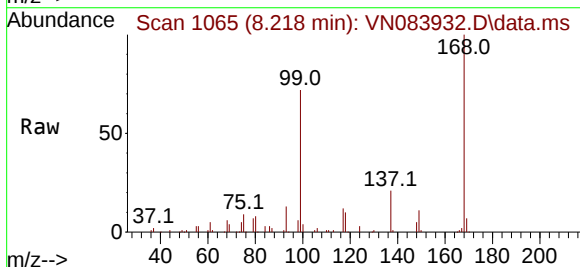
Tgt Ion: 117 Resp: 18466

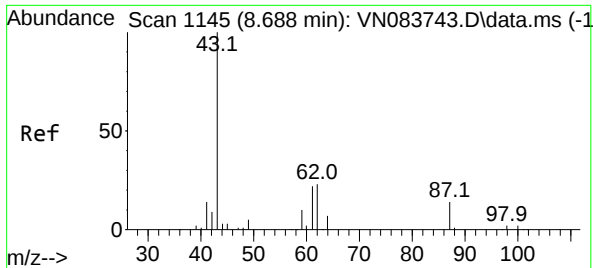
Ion Ratio Lower Upper

117 100

119 3.4 76.1 114.1#

121 0.0 24.1 36.1#





#43

Isopropyl Acetate

Concen: 0.844 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083932.D

Acq: 17 Sep 2024 09:45

Instrument :

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VN0917MBL01

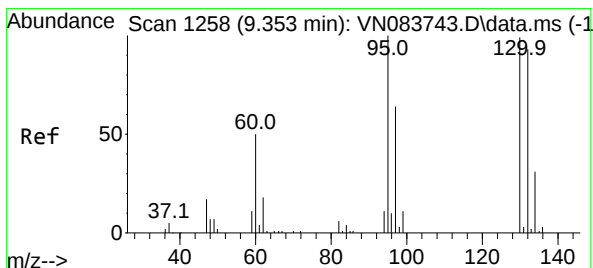
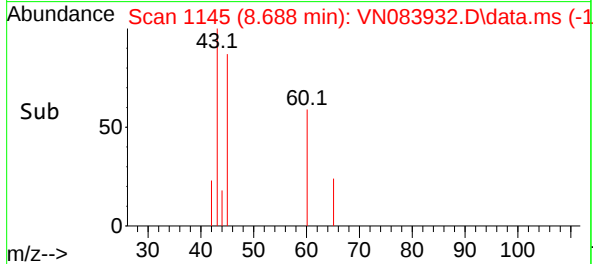
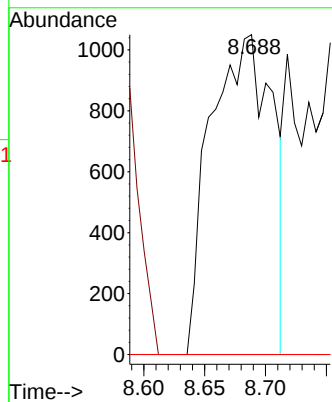
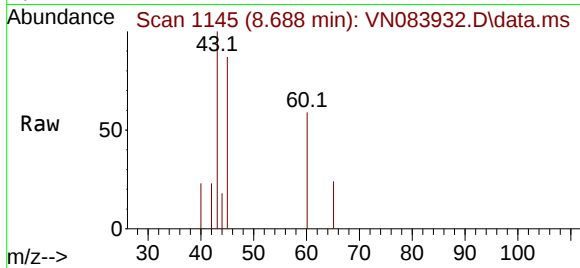
Tgt Ion: 43 Resp: 3711

Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#



#44

Trichloroethene

Concen: 0.411 ug/l

RT: 9.341 min Scan# 1256

Delta R.T. -0.012 min

Lab File: VN083932.D

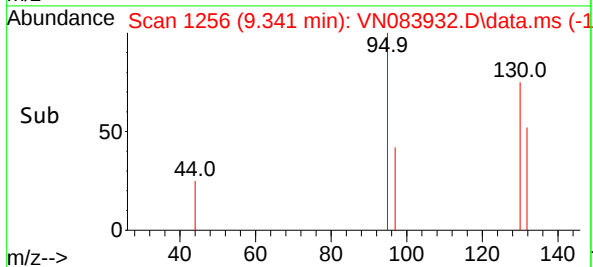
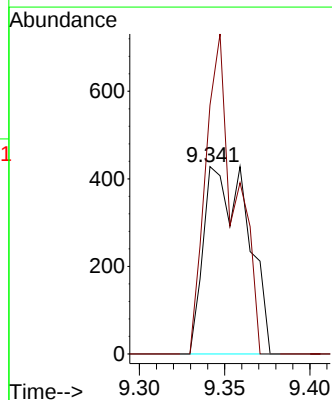
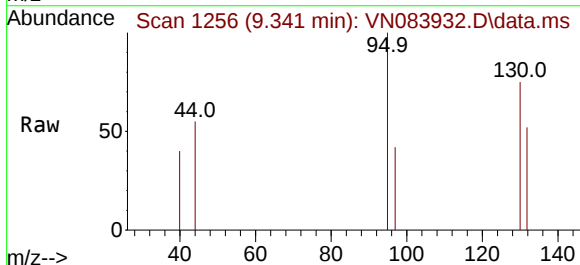
Acq: 17 Sep 2024 09:45

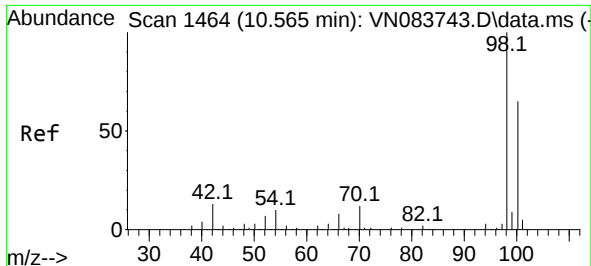
Tgt Ion: 130 Resp: 766

Ion Ratio Lower Upper

130 100

95 132.7 0.0 200.4

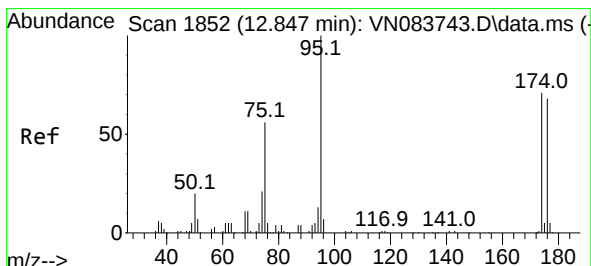
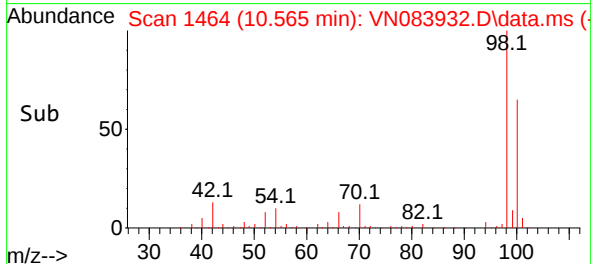
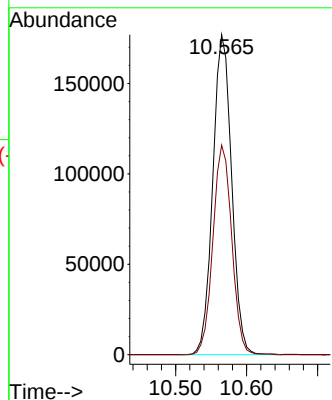
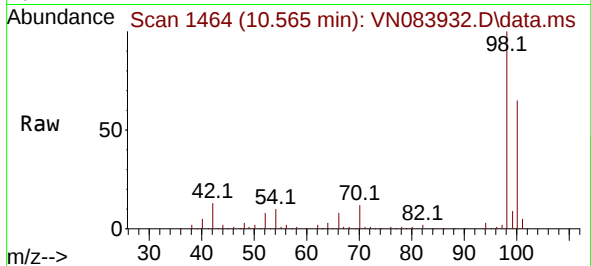




#50
Toluene-d8
Concen: 53.012 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083932.D
Acq: 17 Sep 2024 09:45

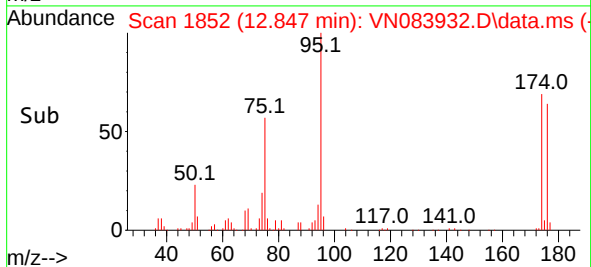
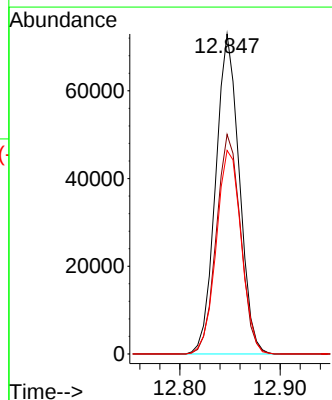
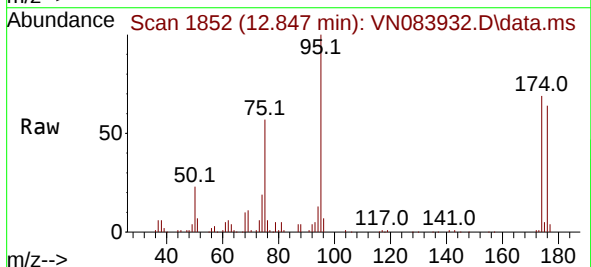
Instrument :
MSVOA_N
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VN0917MBL01

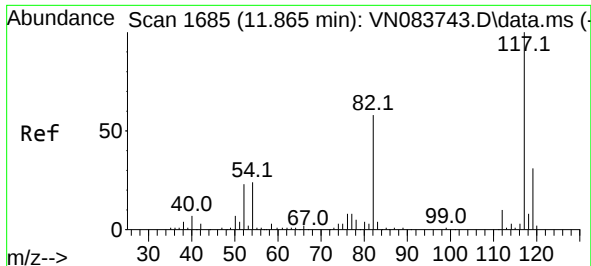
Tgt Ion: 98 Resp: 325539
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.024 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083932.D
Acq: 17 Sep 2024 09:45

Tgt Ion: 95 Resp: 119140
Ion Ratio Lower Upper
95 100
174 70.4 0.0 139.8
176 67.2 0.0 131.4

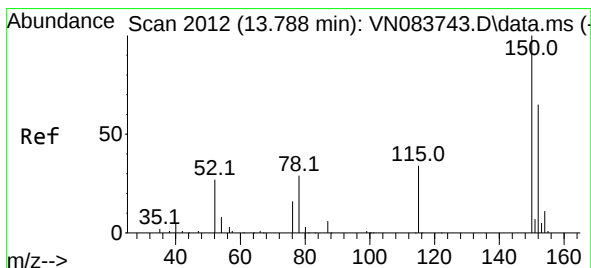
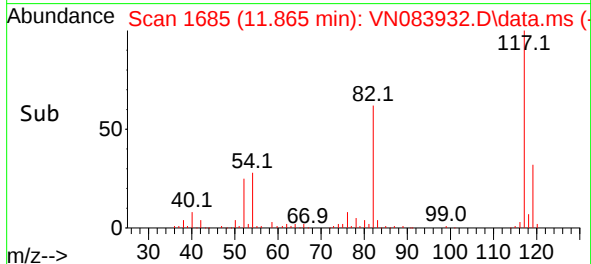
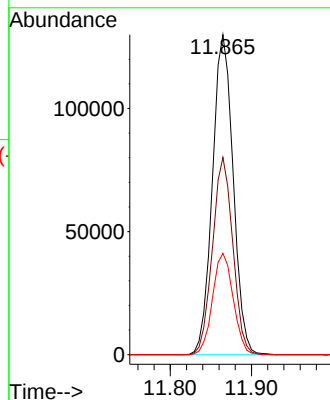
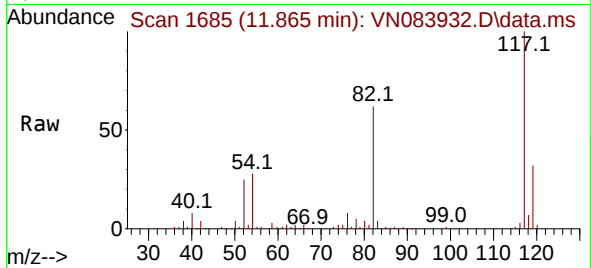




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN083932.D
Acq: 17 Sep 2024 09:45

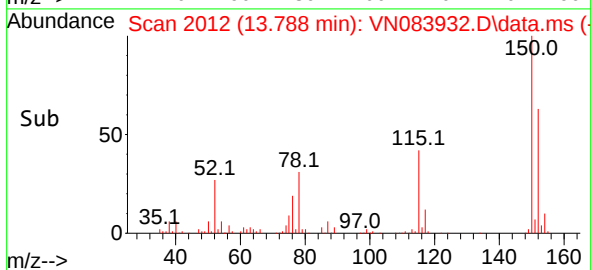
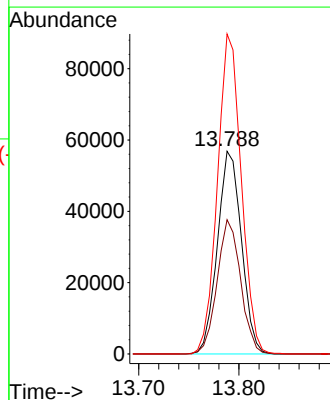
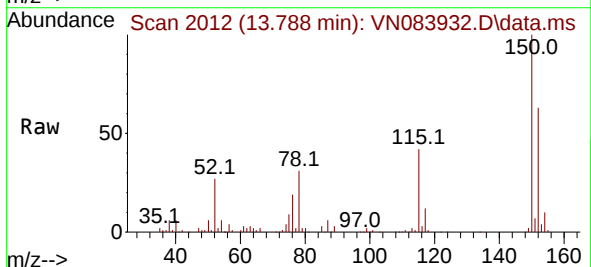
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBL01

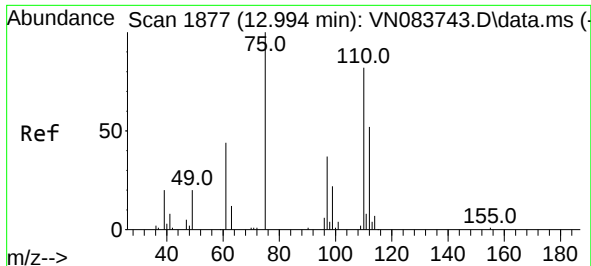
Tgt Ion:117 Resp: 230836
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.0
119 31.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083932.D
Acq: 17 Sep 2024 09:45

Tgt Ion:152 Resp: 94656
Ion Ratio Lower Upper
152 100
115 64.6 32.2 96.6
150 156.5 0.0 348.6

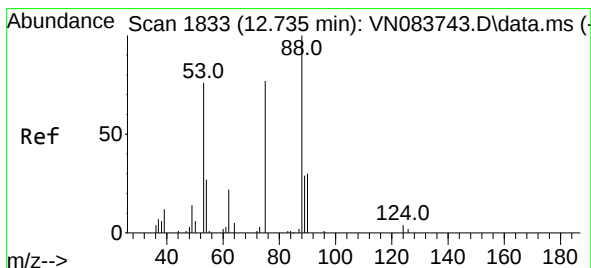
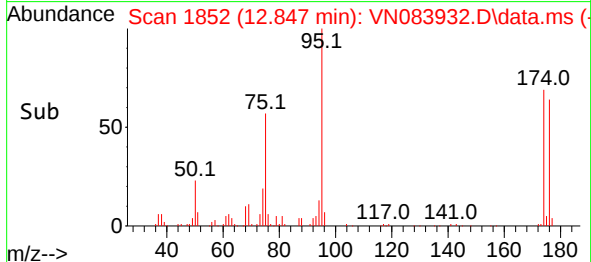
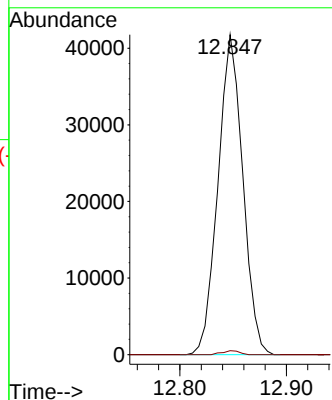
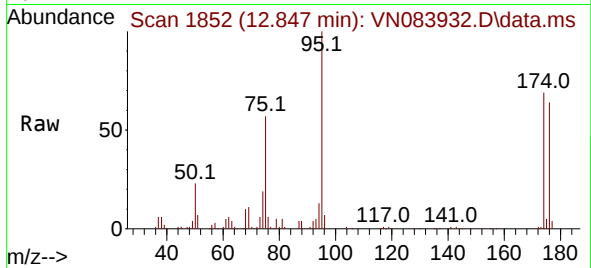




#76
1,2,3-Trichloropropane
Concen: 35.361 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083932.D
Acq: 17 Sep 2024 09:45

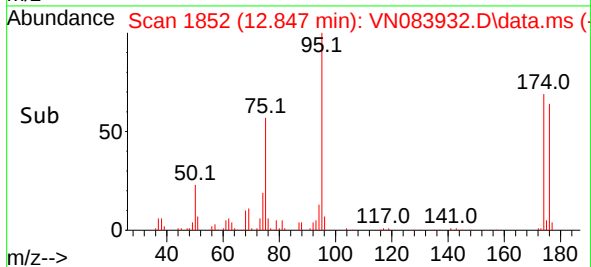
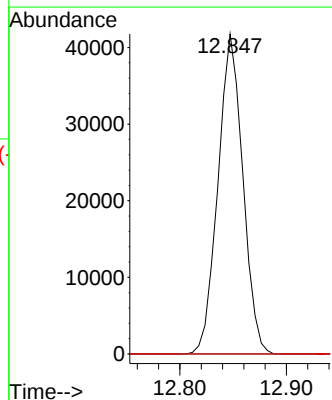
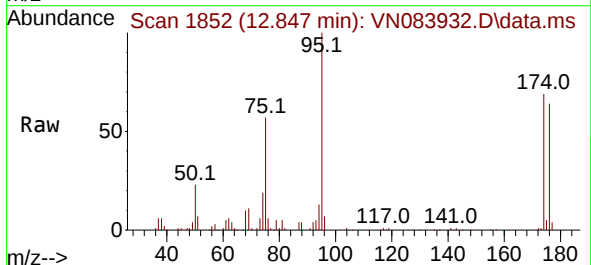
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBL01

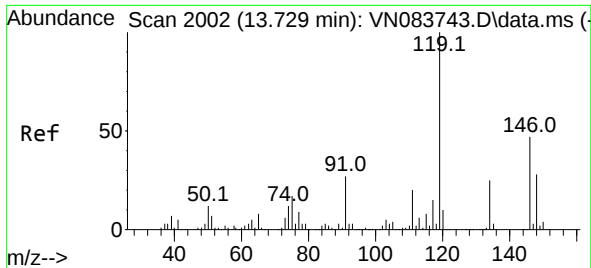
Tgt Ion: 75 Resp: 67539
Ion Ratio Lower Upper
75 100
77 0.9 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.614 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083932.D
Acq: 17 Sep 2024 09:45

Tgt Ion: 75 Resp: 67539
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

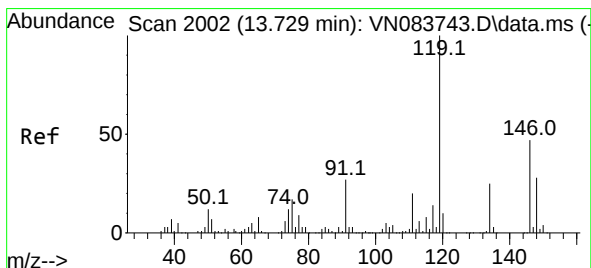
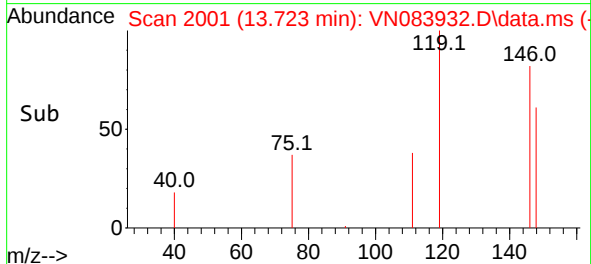
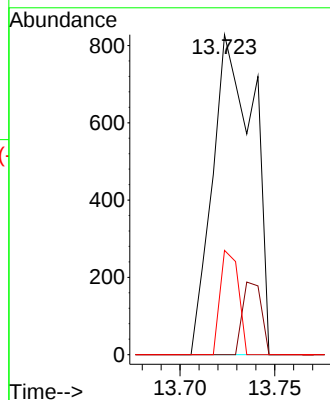
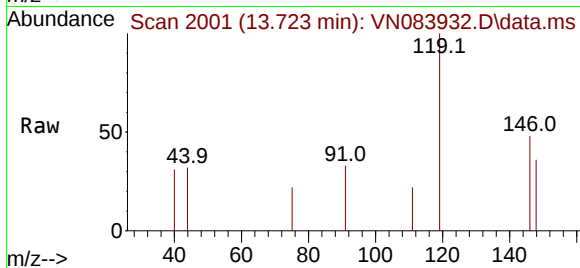




#86
p-Isopropyltoluene
Concen: 0.206 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VN083932.D
Acq: 17 Sep 2024 09:45

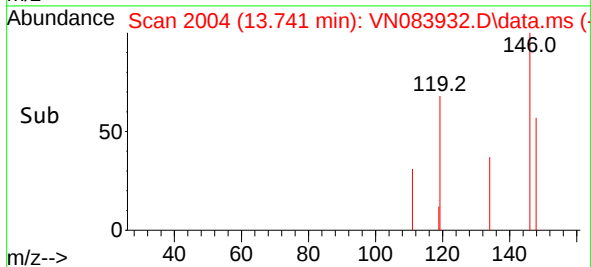
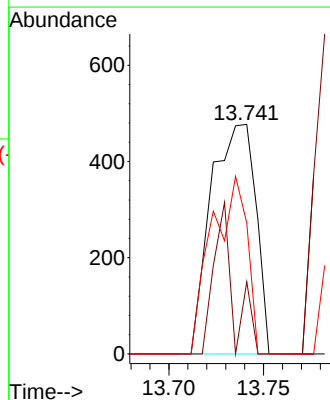
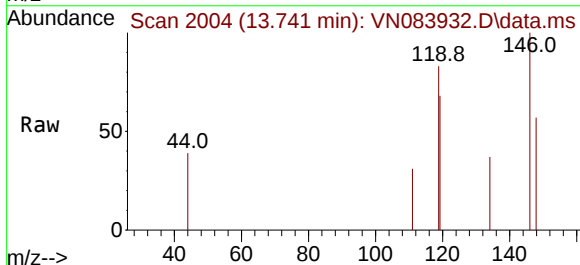
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBL01

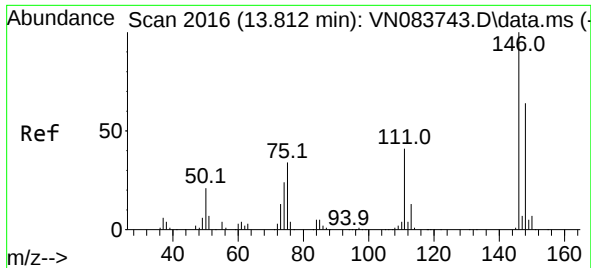
Tgt Ion:119 Resp: 1239
Ion Ratio Lower Upper
119 100
134 10.4 12.8 38.3#
91 14.5 12.9 38.7



#87
1,3-Dichlorobenzene
Concen: 0.235 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.012 min
Lab File: VN083932.D
Acq: 17 Sep 2024 09:45

Tgt Ion:146 Resp: 782
Ion Ratio Lower Upper
146 100
111 29.3 21.7 65.1
148 61.3 31.7 95.1

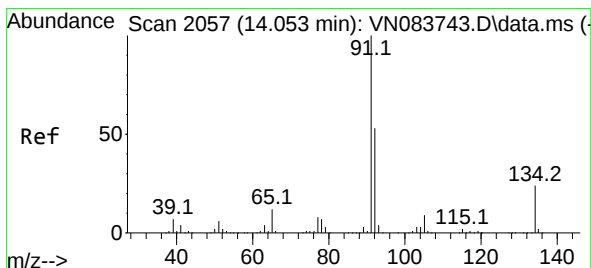
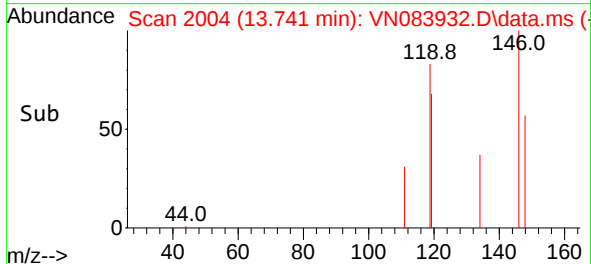
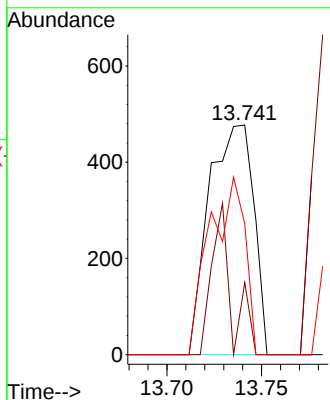
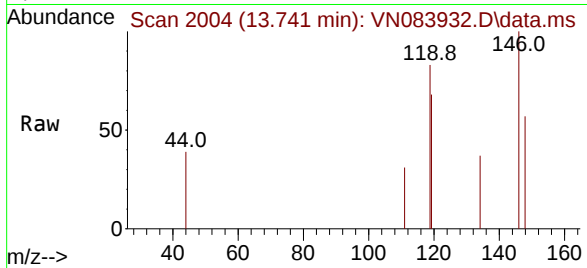




#88
1,4-Dichlorobenzene
Concen: 0.232 ug/l
RT: 13.741 min Scan# 2016
Delta R.T. -0.071 min
Lab File: VN083932.D
Acq: 17 Sep 2024 09:45

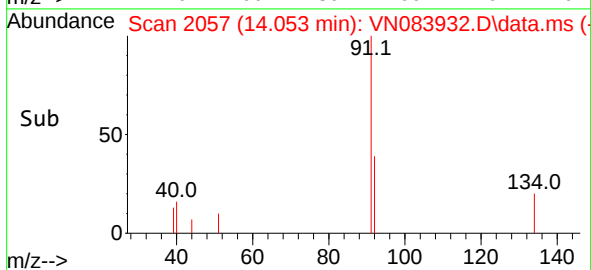
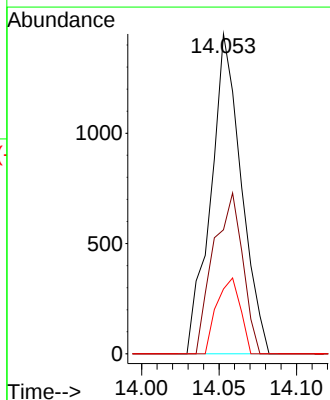
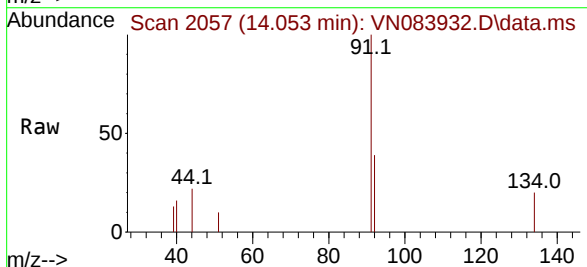
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBL01

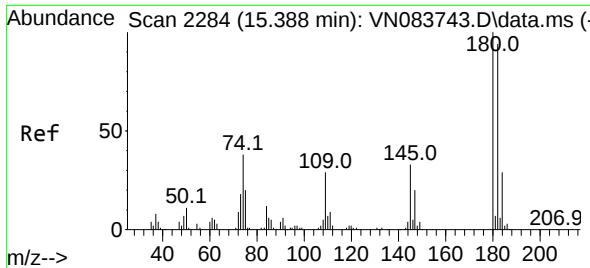
Tgt Ion:146 Resp: 782
Ion Ratio Lower Upper
146 100
111 29.3 21.3 64.0
148 61.3 32.0 96.2



#89
n-Butylbenzene
Concen: 0.368 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083932.D
Acq: 17 Sep 2024 09:45

Tgt Ion: 91 Resp: 1986
Ion Ratio Lower Upper
91 100
92 48.3 26.7 80.1
134 18.3 12.2 36.4

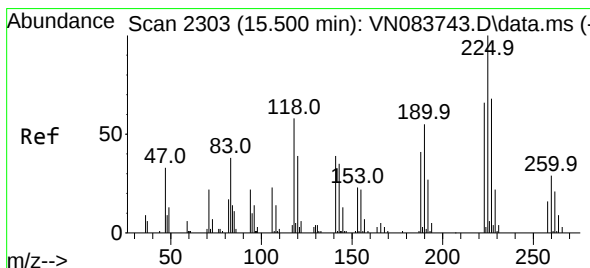
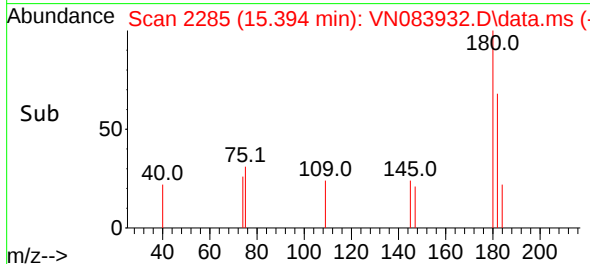
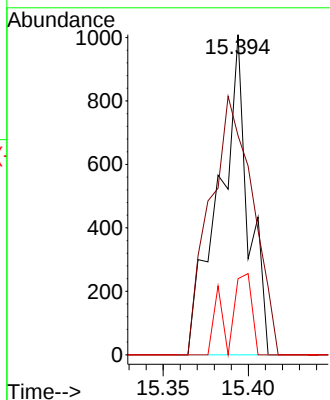
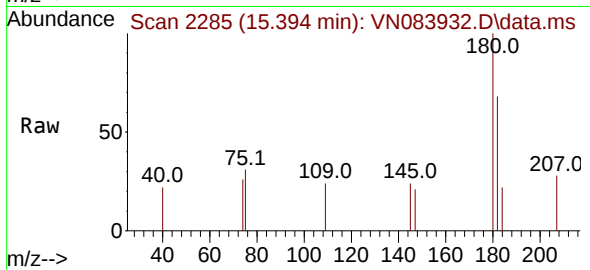




#93
1,2,4-Trichlorobenzene
Concen: 0.702 ug/l
RT: 15.394 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN083932.D
Acq: 17 Sep 2024 09:45

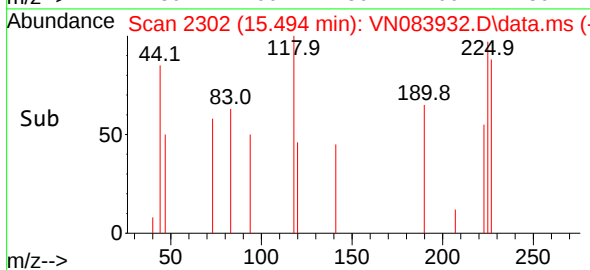
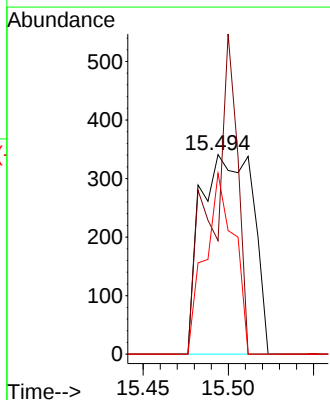
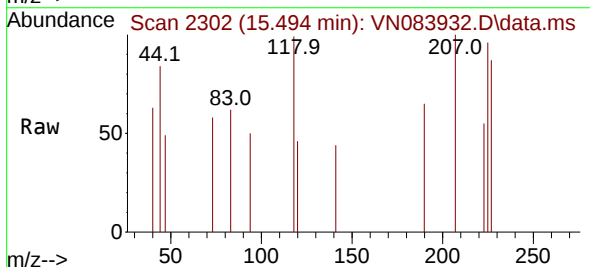
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBL01

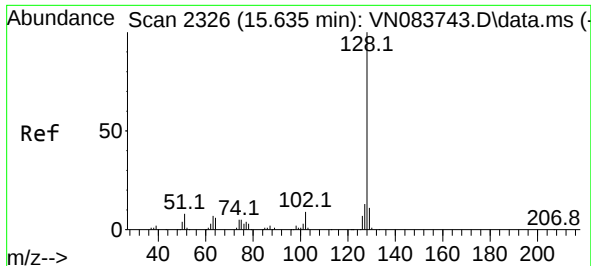
Tgt Ion:180 Resp: 1209
Ion Ratio Lower Upper
180 100
182 117.6 48.1 144.3
145 20.8 16.9 50.7



#94
Hexachlorobutadiene
Concen: 0.991 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN083932.D
Acq: 17 Sep 2024 09:45

Tgt Ion:225 Resp: 725
Ion Ratio Lower Upper
225 100
223 77.2 31.9 95.5
227 50.5 32.0 96.2

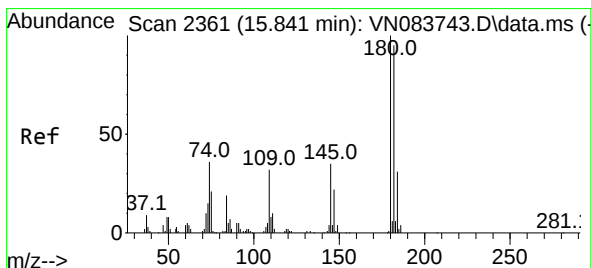
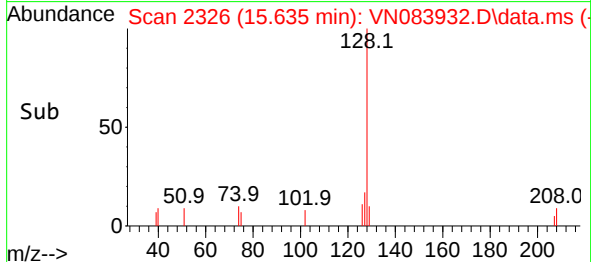
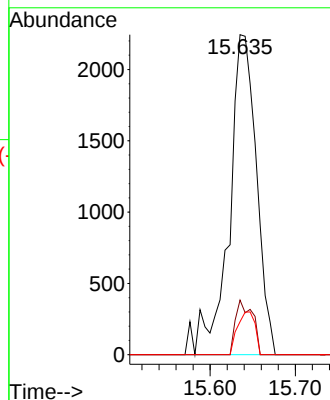
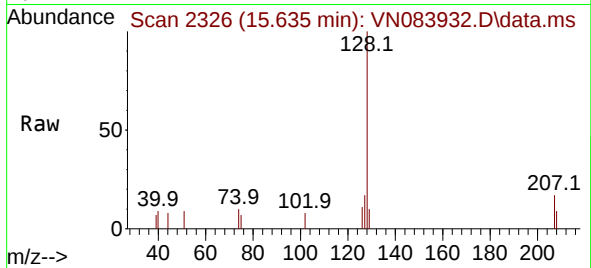




#95
Naphthalene
Concen: 0.959 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN083932.D
Acq: 17 Sep 2024 09:45

Instrument :
MSVOA_N
ClientSampleId :
VN0917MBL01

Tgt Ion:128 Resp: 5029
Ion Ratio Lower Upper
128 100
127 10.6 10.2 15.2
129 8.5 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.858 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN083932.D
Acq: 17 Sep 2024 09:45

Tgt Ion:180 Resp: 1412
Ion Ratio Lower Upper
180 100
182 108.8 47.1 141.4
145 32.9 17.8 53.5

