

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081624\
 Data File : VN083347.D
 Acq On : 16 Aug 2024 12:16
 Operator : JC\MD
 Sample : VN0816MBL01
 Misc : 5.00g/5mL/10uLl/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816MBL01

Quant Time: Aug 17 01:42:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

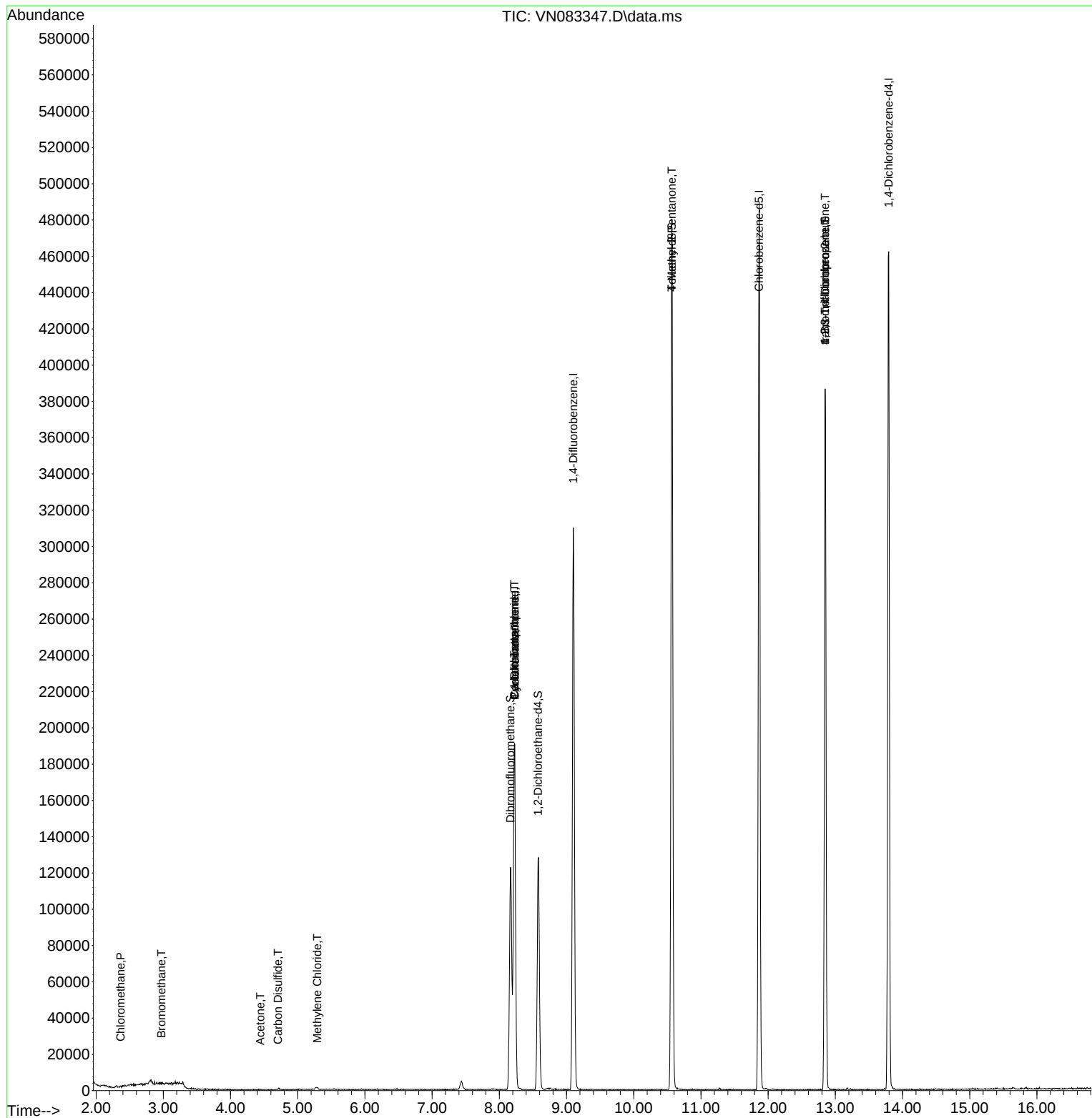
Internal Standards						
1) Pentafluorobenzene	8.230	168	135793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111066	57.462	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.920%			
35) Dibromofluoromethane	8.165	113	89050	54.802	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.600%			
50) Toluene-d8	10.565	98	330343	54.499	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.000%			
62) 4-Bromofluorobenzene	12.847	95	136946	57.952	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 115.900%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	334	0.212	ug/l #	43
5) Bromomethane	2.971	94	248	0.248	ug/l	82
16) Acetone	4.442	43	213	0.282	ug/l #	48
17) Carbon Disulfide	4.706	76	1243	0.282	ug/l #	75
20) Methylene Chloride	5.289	84	992	0.570	ug/l #	58
31) Cyclohexane	8.230	56	3272	1.142	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	12371	5.033	ug/l #	51
38) Carbon Tetrachloride	8.224	117	15954	5.763	ug/l #	17
43) Isopropyl Acetate	8.712	43	529	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1433	0.551	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	75028	27.752	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	75028	60.368	ug/l #	6

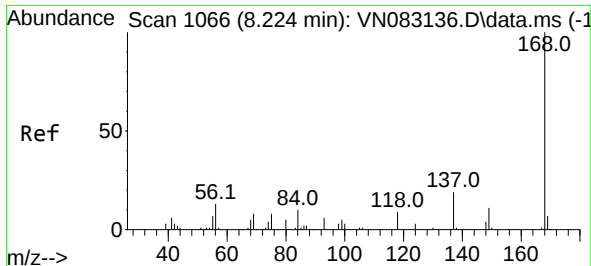
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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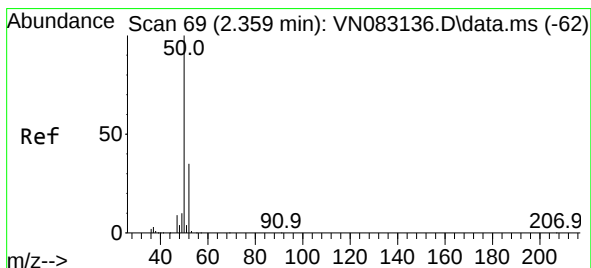
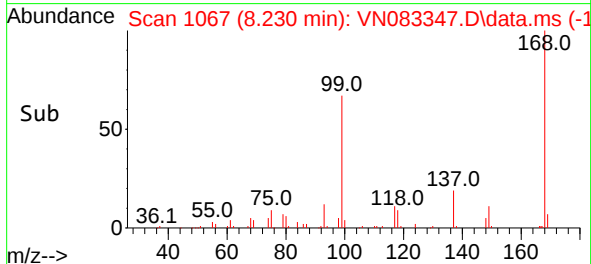
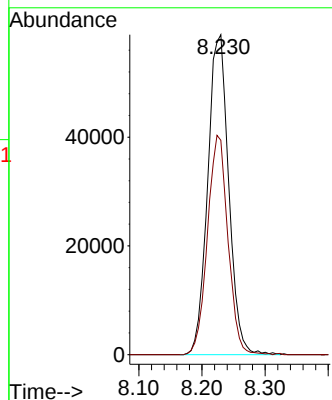
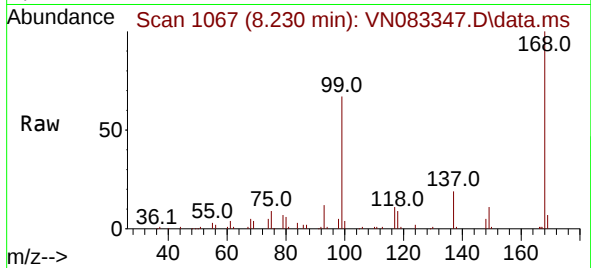




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN083347.D
Acq: 16 Aug 2024 12:16

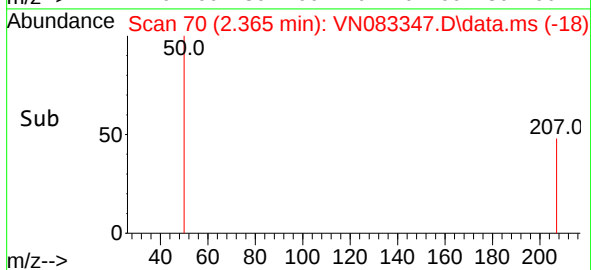
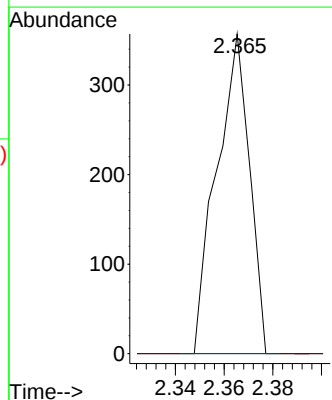
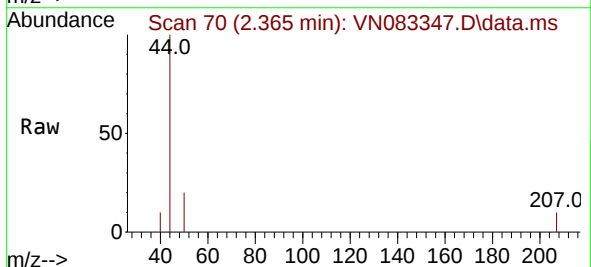
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBL01

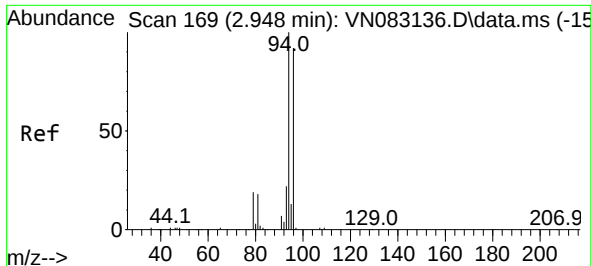
Tgt Ion:168 Resp: 135793
Ion Ratio Lower Upper
168 100
99 67.0 48.2 72.4



#3
Chloromethane
Concen: 0.212 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083347.D
Acq: 16 Aug 2024 12:16

Tgt Ion: 50 Resp: 334
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

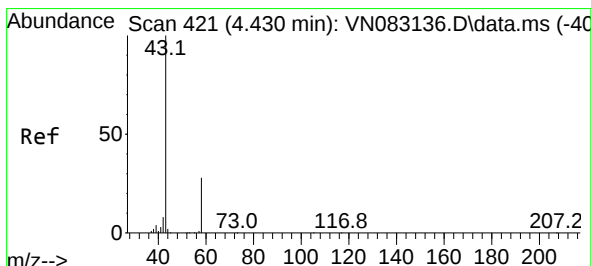
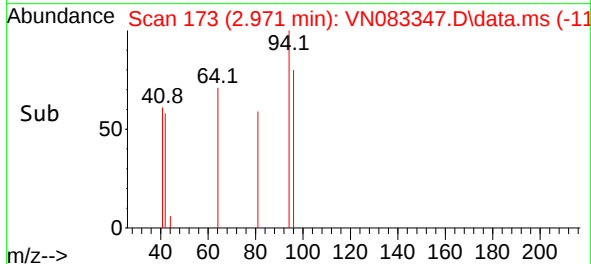
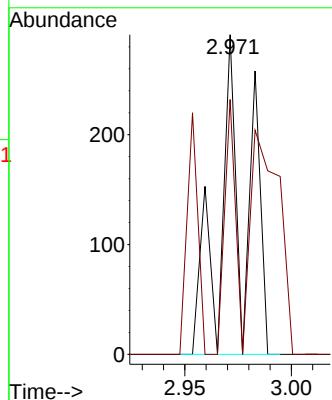
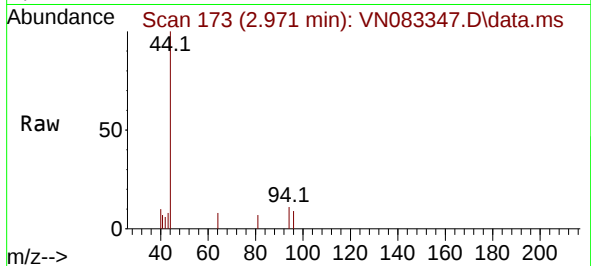




#5
Bromomethane
Concen: 0.248 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN083347.D
Acq: 16 Aug 2024 12:16

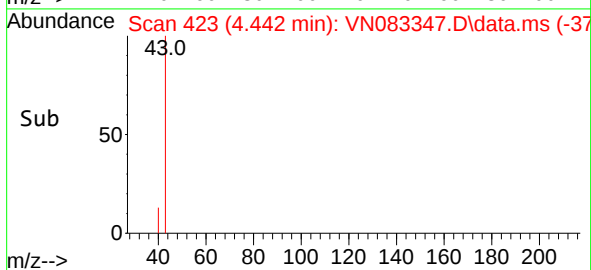
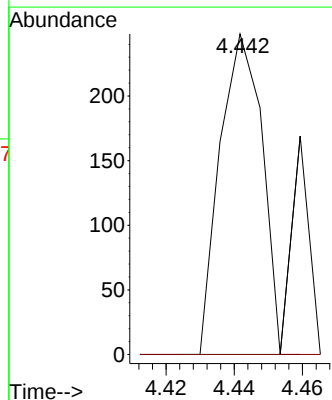
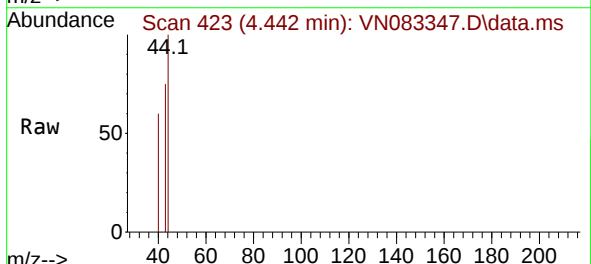
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBL01

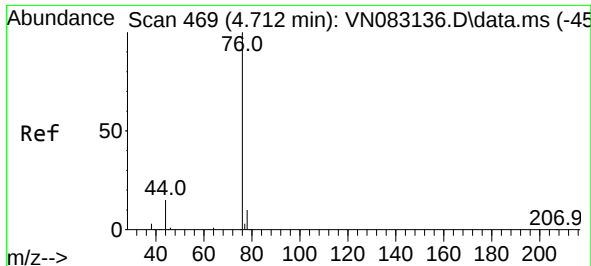
Tgt Ion: 94 Resp: 248
Ion Ratio Lower Upper
94 100
96 79.7 78.0 117.0



#16
Acetone
Concen: 0.282 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN083347.D
Acq: 16 Aug 2024 12:16

Tgt Ion: 43 Resp: 213
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#

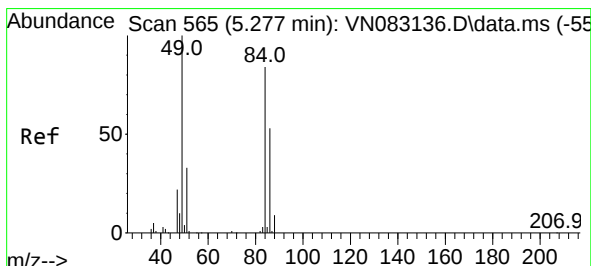
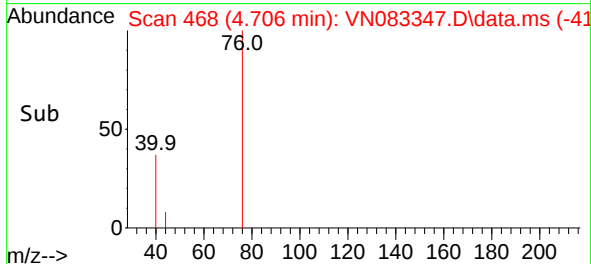
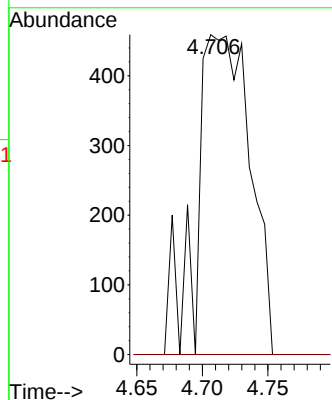
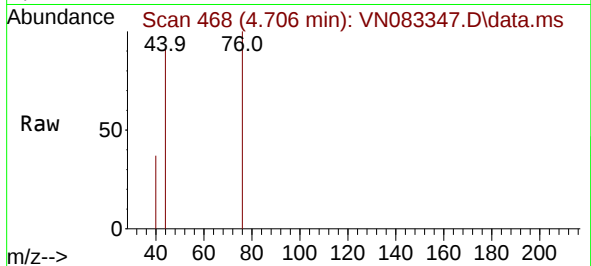




#17
Carbon Disulfide
Concen: 0.282 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN083347.D
Acq: 16 Aug 2024 12:16

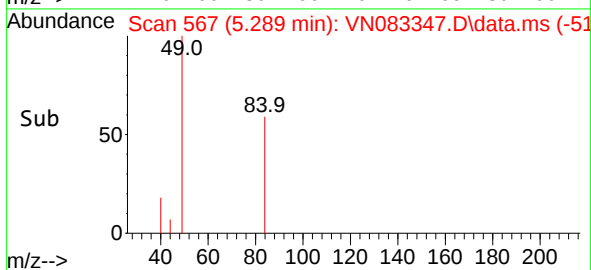
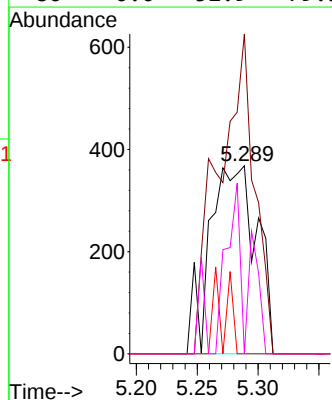
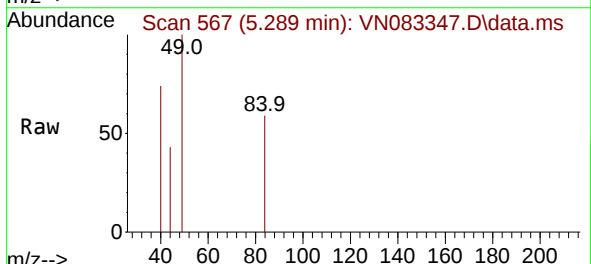
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBL01

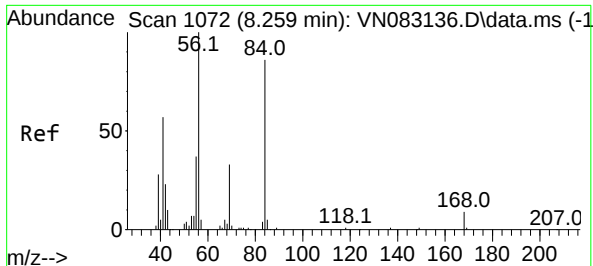
Tgt Ion: 76 Resp: 1243
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.570 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.012 min
Lab File: VN083347.D
Acq: 16 Aug 2024 12:16

Tgt Ion: 84 Resp: 992
Ion Ratio Lower Upper
84 100
49 170.1 119.6 179.4
51 0.0 34.8 52.2#
86 0.0 52.9 79.3#

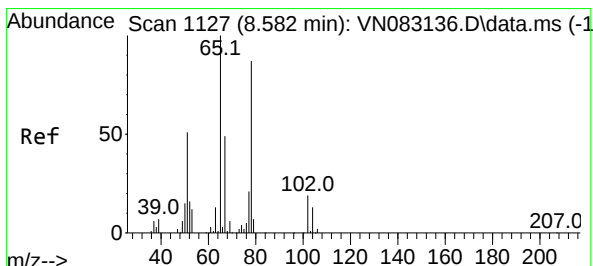
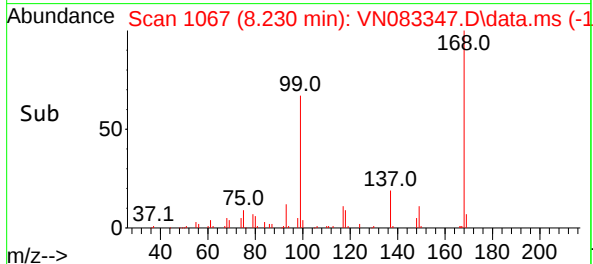
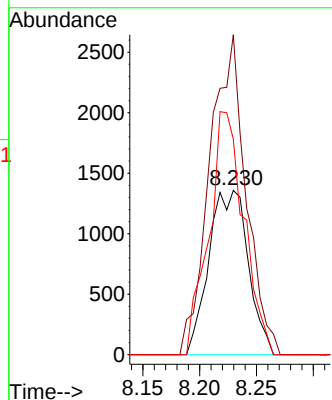
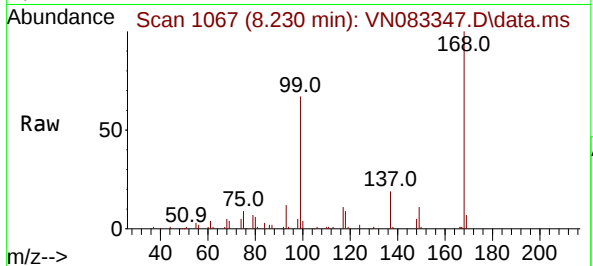




#31
Cyclohexane
Concen: 1.142 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN083347.D
Acq: 16 Aug 2024 12:16

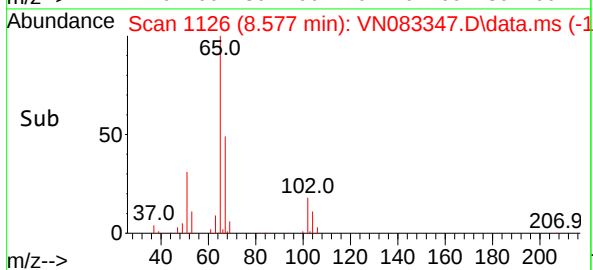
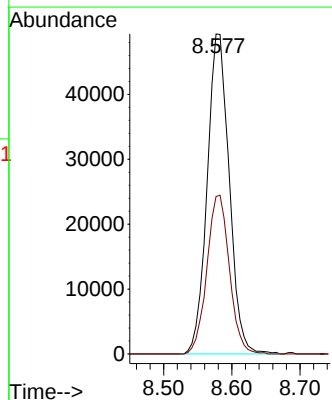
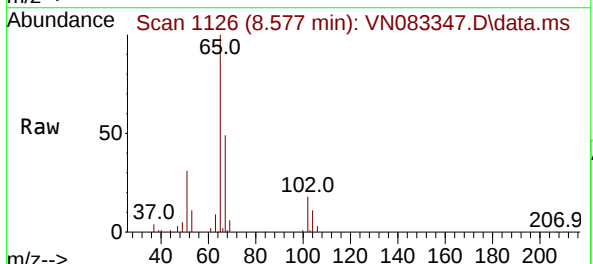
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBL01

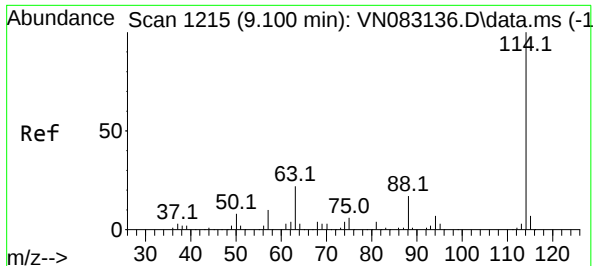
Tgt Ion: 56 Resp: 3272
Ion Ratio Lower Upper
56 100
69 194.6 24.5 36.7#
84 131.1 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 57.462 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083347.D
Acq: 16 Aug 2024 12:16

Tgt Ion: 65 Resp: 111066
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.4

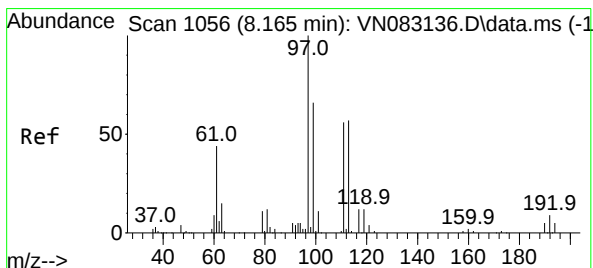
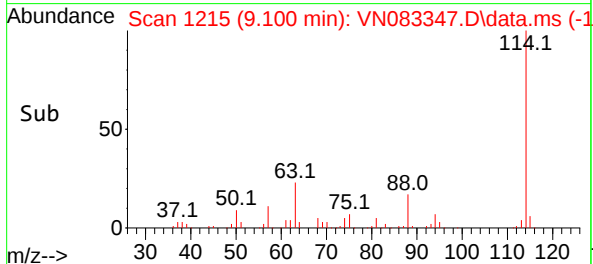
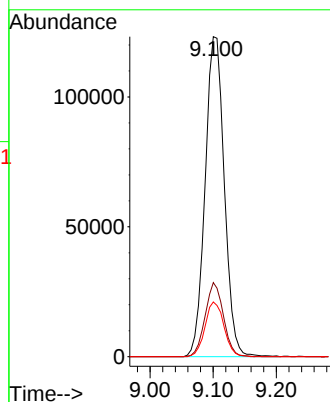
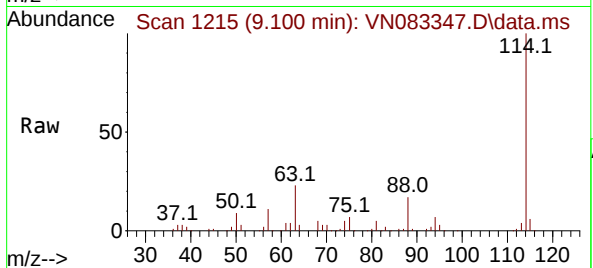




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN083347.D
Acq: 16 Aug 2024 12:16

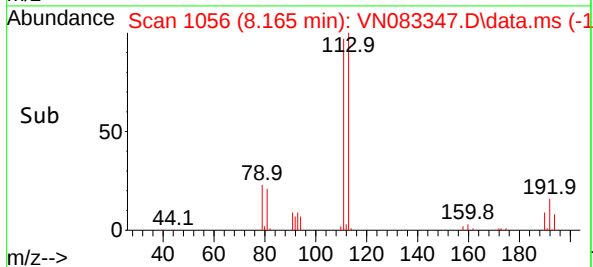
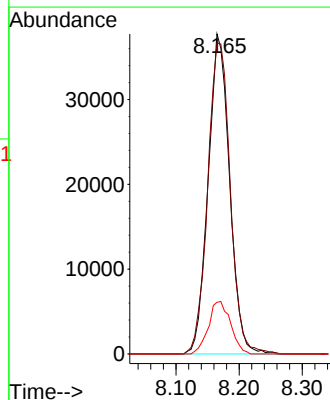
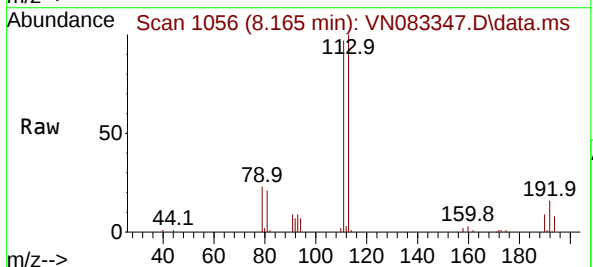
Instrument :
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ClientSampleId :
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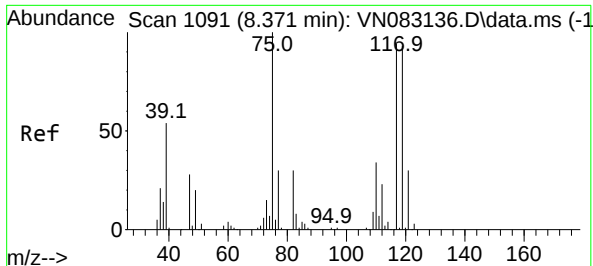
Tgt Ion:114 Resp: 260332
Ion Ratio Lower Upper
114 100
63 23.1 0.0 44.6
88 17.1 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.802 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083347.D
Acq: 16 Aug 2024 12:16

Tgt Ion:113 Resp: 89050
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 17.0 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.033 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083347.D

Acq: 16 Aug 2024 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0816MBL01

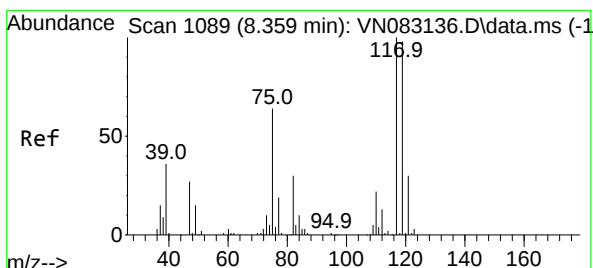
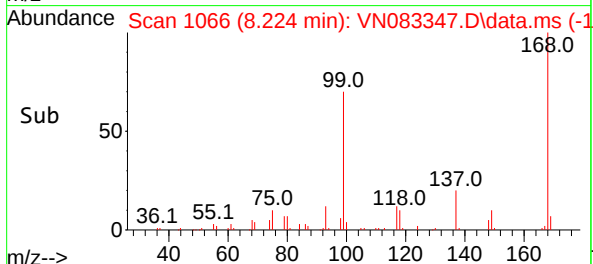
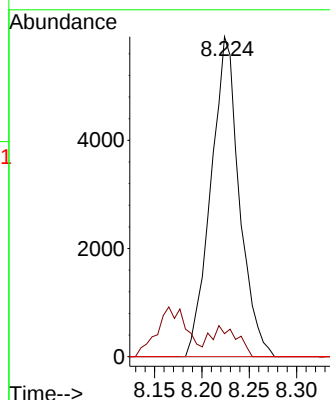
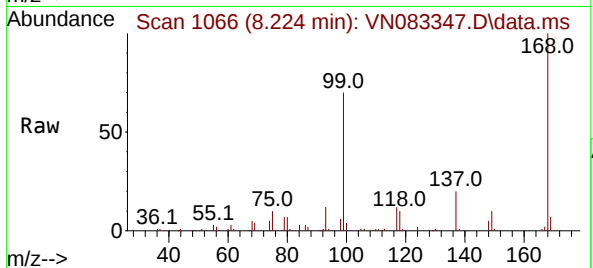
Tgt Ion: 75 Resp: 12371

Ion Ratio Lower Upper

75 100

110 9.0 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.763 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083347.D

Acq: 16 Aug 2024 12:16

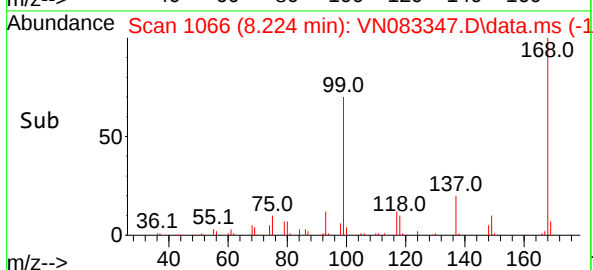
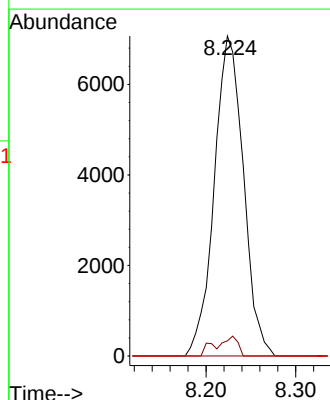
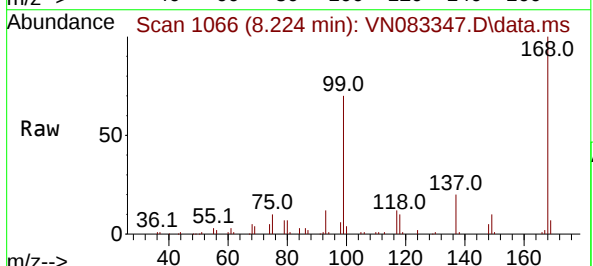
Tgt Ion: 117 Resp: 15954

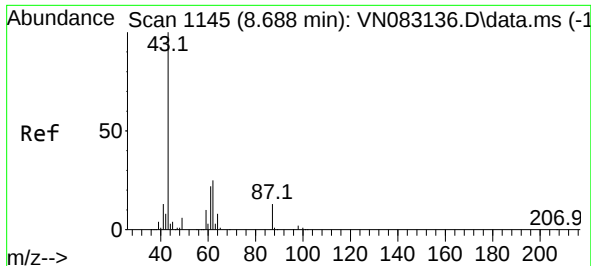
Ion Ratio Lower Upper

117 100

119 4.7 74.9 112.3#

121 0.0 24.3 36.5#

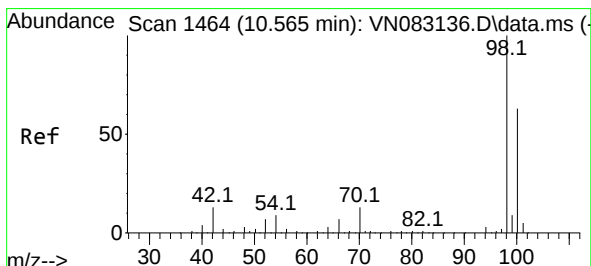
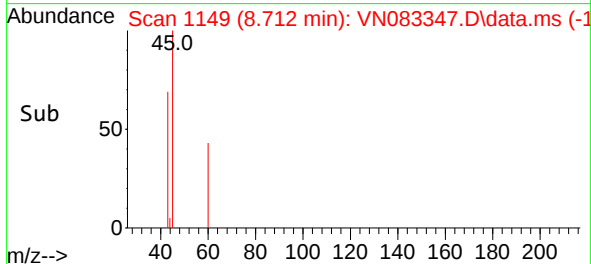
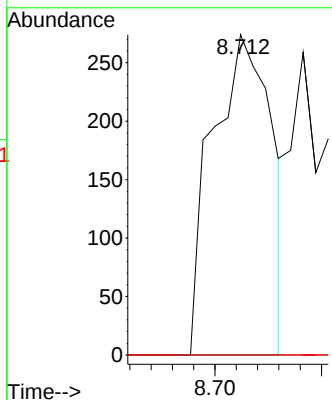
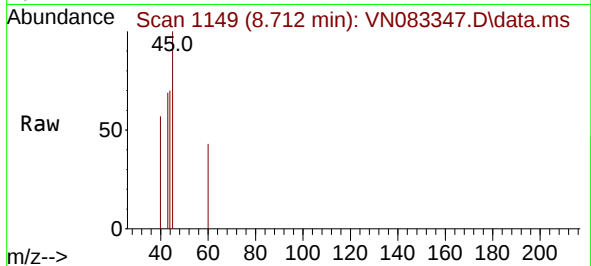




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.712 min Scan# 1149
Delta R.T. 0.024 min
Lab File: VN083347.D
Acq: 16 Aug 2024 12:16

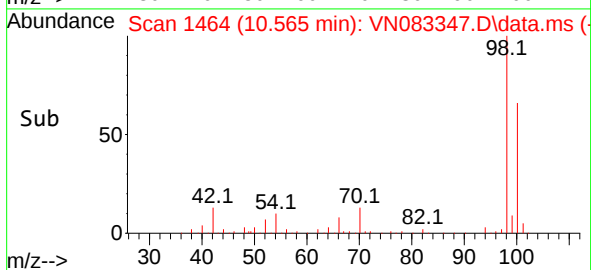
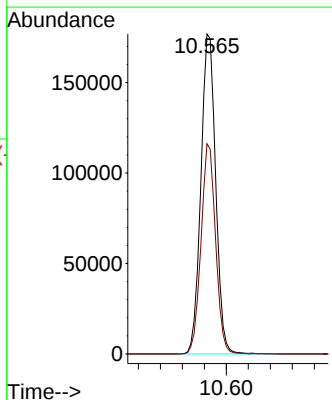
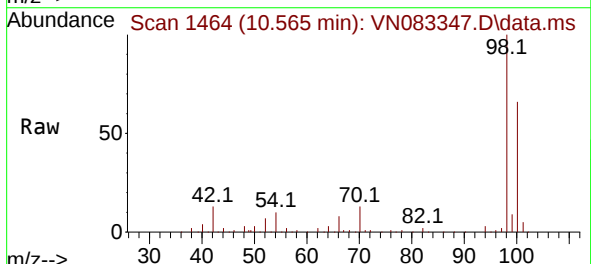
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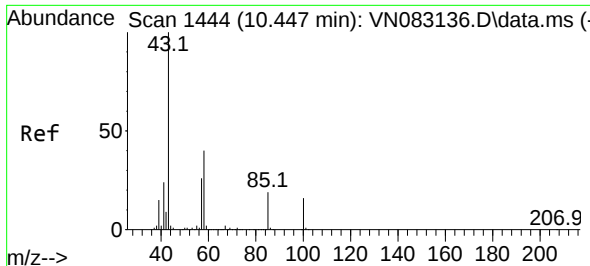
Tgt Ion: 43 Resp: 529
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 54.499 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083347.D
Acq: 16 Aug 2024 12:16

Tgt Ion: 98 Resp: 330343
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3

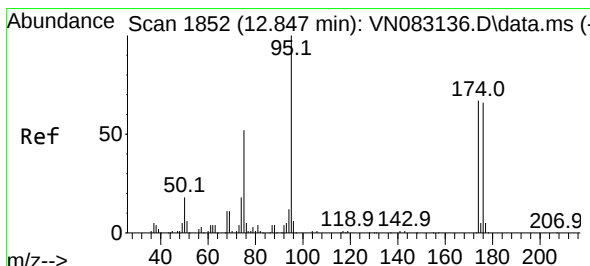
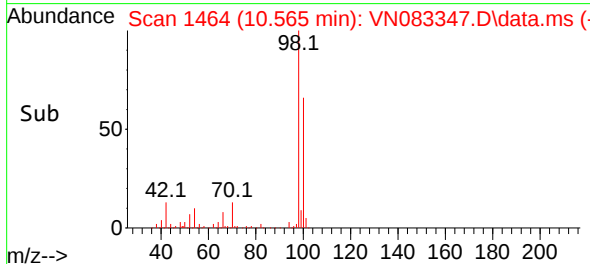
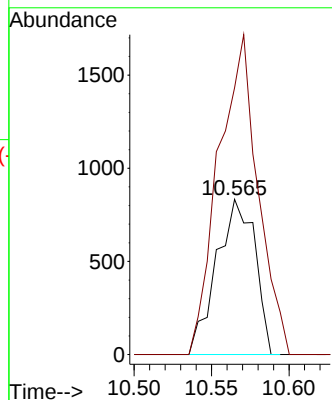
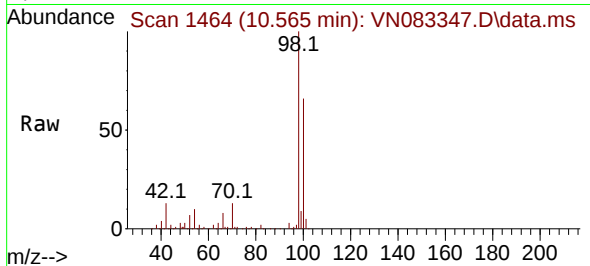




#51
4-Methyl-2-Pentanone
Concen: 0.551 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083347.D
Acq: 16 Aug 2024 12:16

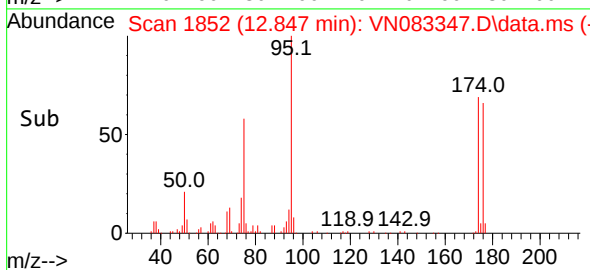
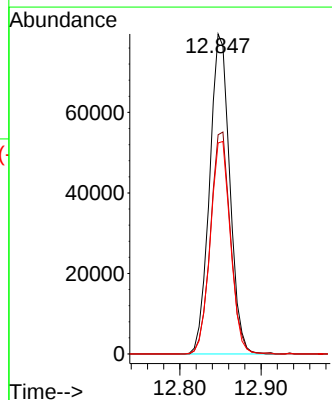
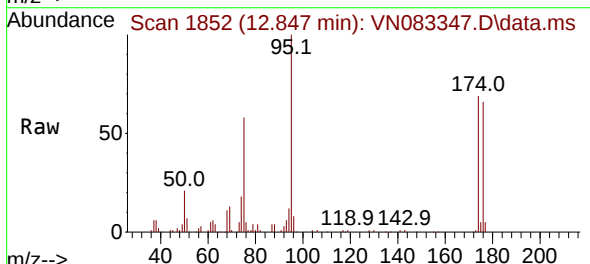
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBL01

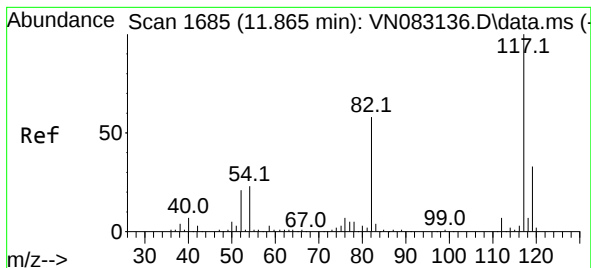
Tgt Ion: 43 Resp: 1433
Ion Ratio Lower Upper
43 100
58 211.7 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 57.952 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083347.D
Acq: 16 Aug 2024 12:16

Tgt Ion: 95 Resp: 136946
Ion Ratio Lower Upper
95 100
174 68.9 0.0 159.2
176 66.5 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083347.D

Acq: 16 Aug 2024 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0816MBL01

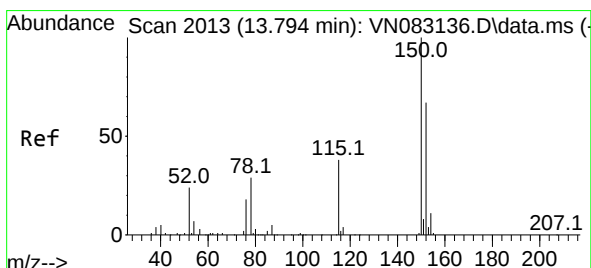
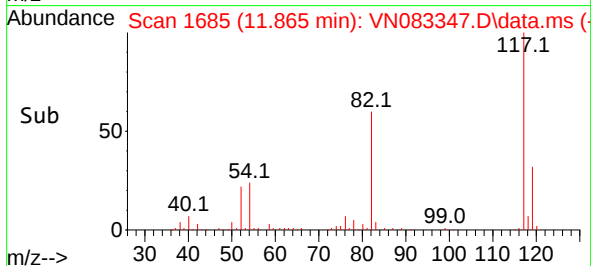
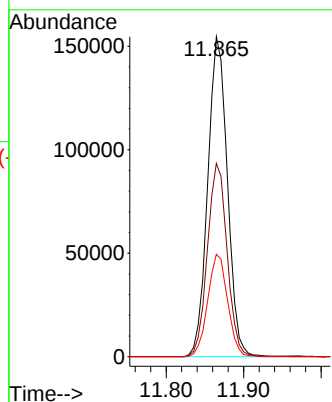
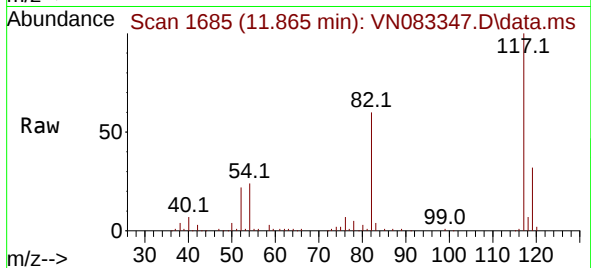
Tgt Ion:117 Resp: 272327

Ion Ratio Lower Upper

117 100

82 60.4 47.5 71.3

119 32.0 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN083347.D

Acq: 16 Aug 2024 12:16

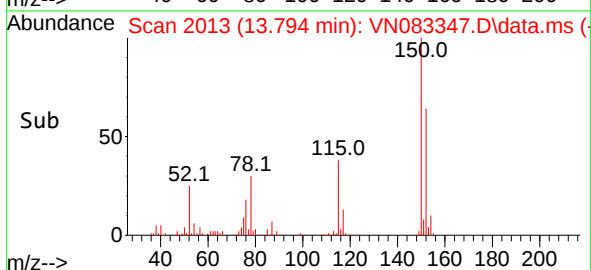
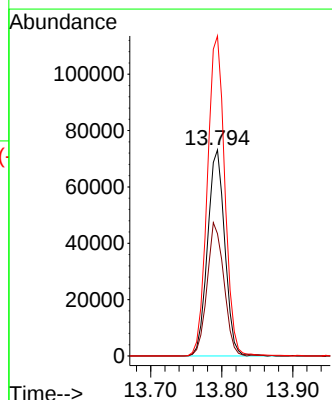
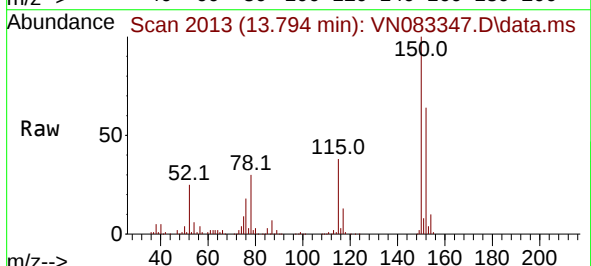
Tgt Ion:152 Resp: 123180

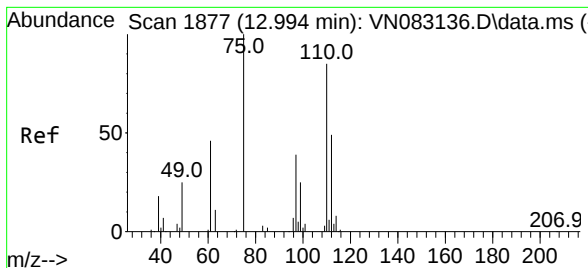
Ion Ratio Lower Upper

152 100

115 63.3 30.6 91.6

150 157.0 0.0 348.6

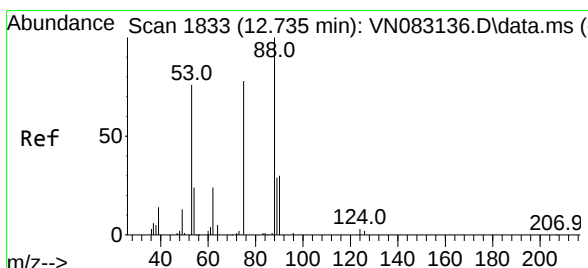
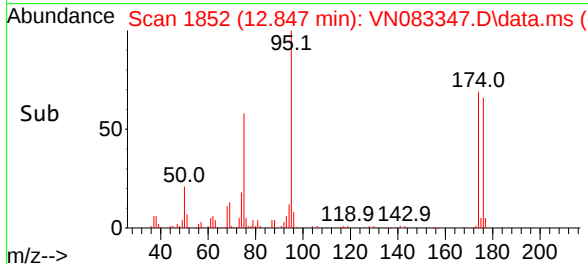
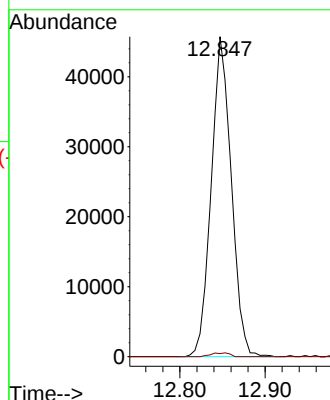
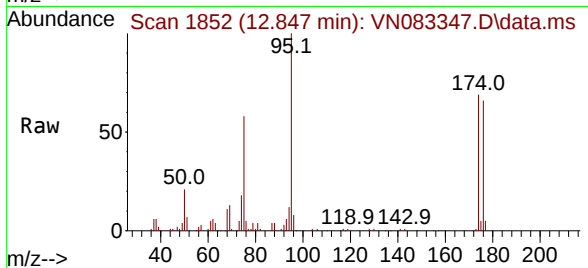




#76
1,2,3-Trichloropropane
Concen: 27.752 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083347.D
Acq: 16 Aug 2024 12:16

Instrument :
MSVOA_N
ClientSampleId :
VN0816MBL01

Tgt Ion: 75 Resp: 75028
Ion Ratio Lower Upper
75 100
77 1.1 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.368 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083347.D
Acq: 16 Aug 2024 12:16

Tgt Ion: 75 Resp: 75028
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

