

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
 Data File : VN085345.D
 Acq On : 30 Dec 2024 15:14
 Operator : JC\MD
 Sample : P5369-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 31 02:14:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

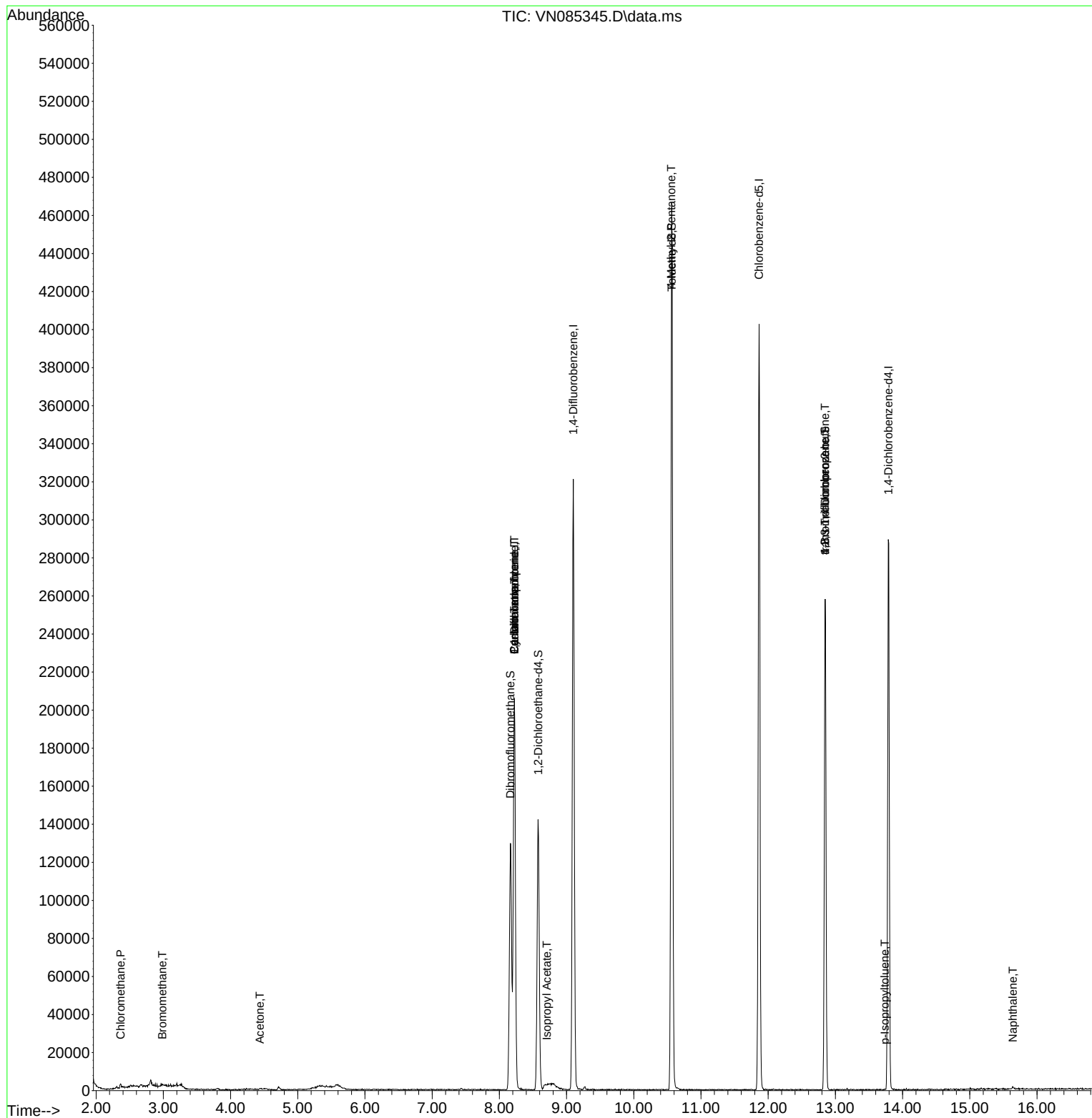
Internal Standards						
1) Pentafluorobenzene	8.224	168	140109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	215685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	74220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117042	58.569	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.140%
35) Dibromofluoromethane	8.165	113	89401	54.729	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.460%
50) Toluene-d8	10.565	98	313733	52.338	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.680%
62) 4-Bromofluorobenzene	12.847	95	86073	43.236	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	86.480%
Target Compounds						
						Qvalue
3) Chloromethane	2.365	50	1921	0.902	ug/l	95
5) Bromomethane	2.983	94	728	0.494	ug/l	87
16) Acetone	4.436	43	881	1.341	ug/l #	44
31) Cyclohexane	8.224	56	3904	1.322	ug/l #	28
36) 1,1-Dichloropropene	8.224	75	12989	5.431	ug/l #	49
38) Carbon Tetrachloride	8.224	117	15784	6.054	ug/l #	16
43) Isopropyl Acetate	8.706	43	2670	0.682	ug/l #	55
51) 4-Methyl-2-Pentanone	10.559	43	1612	0.733	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	47652	34.382	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	47652	82.338	ug/l #	10
86) p-Isopropyltoluene	13.735	119	54	0.205	ug/l #	51
95) Naphthalene	15.641	128	1374	0.356	ug/l #	74

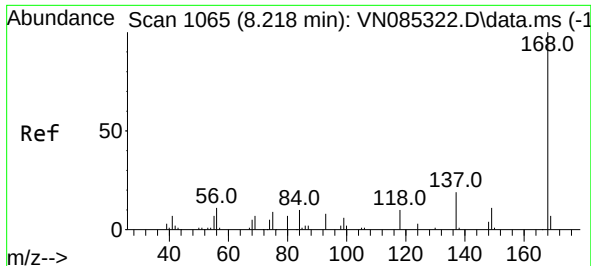
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
Data File : VN085345.D
Acq On : 30 Dec 2024 15:14
Operator : JC\MD
Sample : P5369-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 31 02:14:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
Response via : Initial Calibration

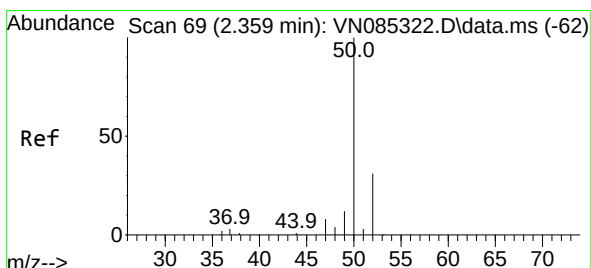
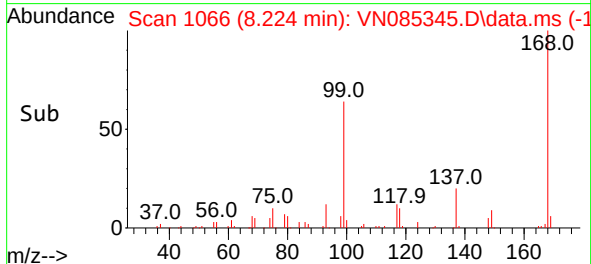
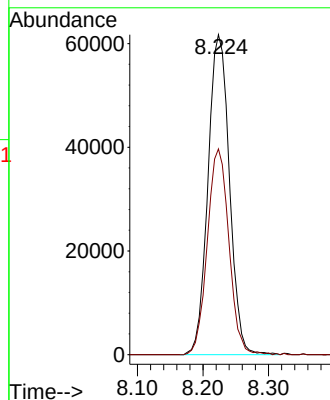
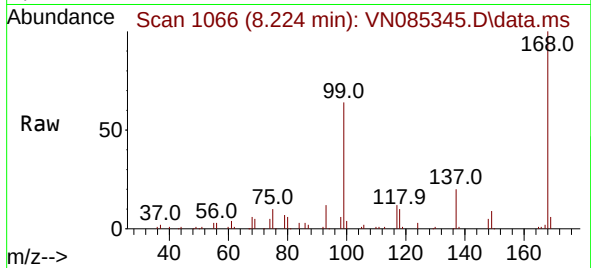




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085345.D
Acq: 30 Dec 2024 15:14

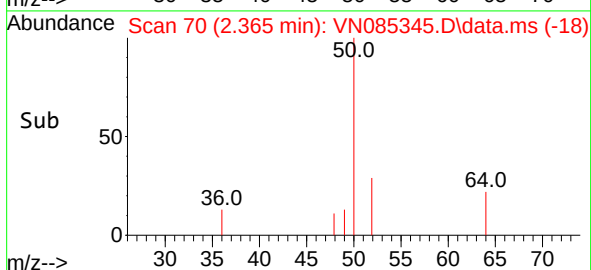
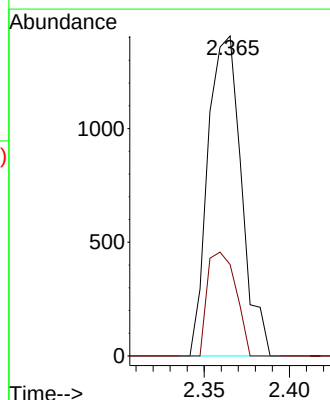
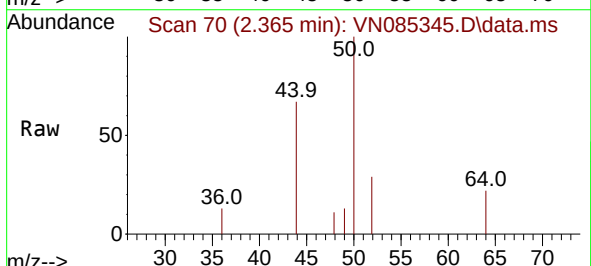
Instrument :
MSVOA_N
ClientSampleId :

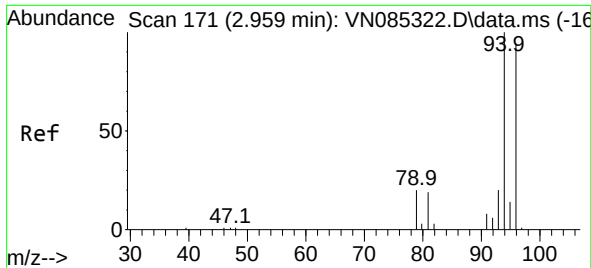
Tgt Ion:168 Resp: 140109
Ion Ratio Lower Upper
168 100
99 64.3 51.0 76.4



#3
Chloromethane
Concen: 0.902 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN085345.D
Acq: 30 Dec 2024 15:14

Tgt Ion: 50 Resp: 1921
Ion Ratio Lower Upper
50 100
52 28.6 25.1 37.7

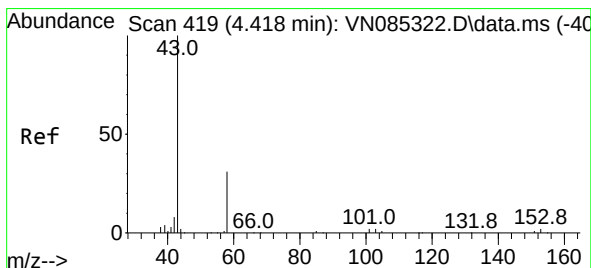
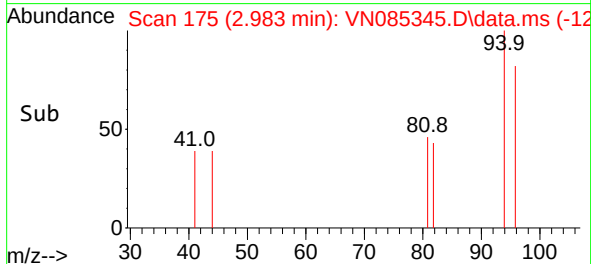
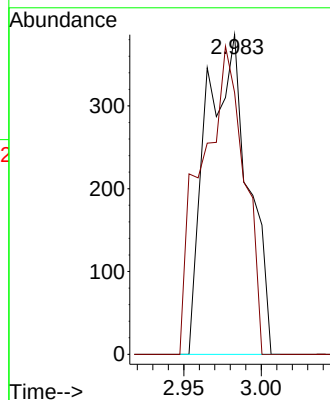
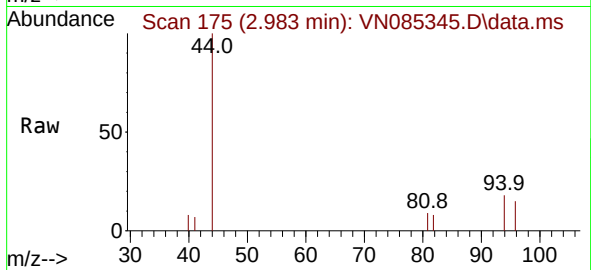




#5
Bromomethane
Concen: 0.494 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN085345.D
Acq: 30 Dec 2024 15:14

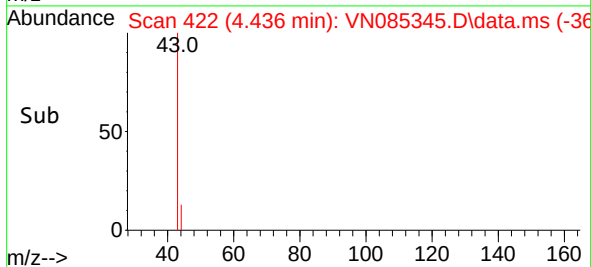
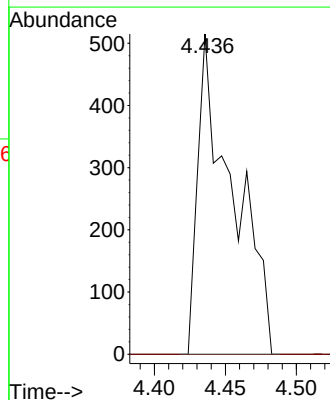
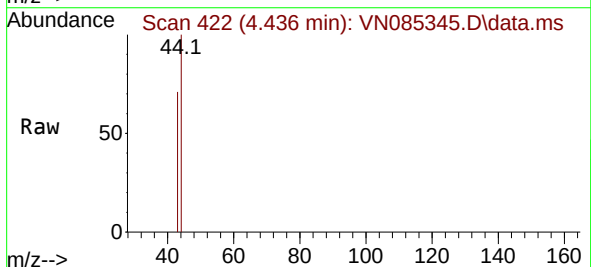
Instrument :
MSVOA_N
ClientSampleId :

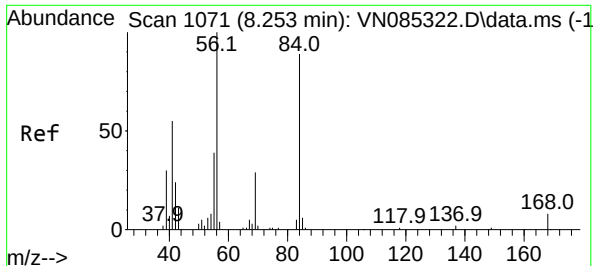
Tgt Ion: 94 Resp: 728
Ion Ratio Lower Upper
94 100
96 81.9 75.2 112.8



#16
Acetone
Concen: 1.341 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085345.D
Acq: 30 Dec 2024 15:14

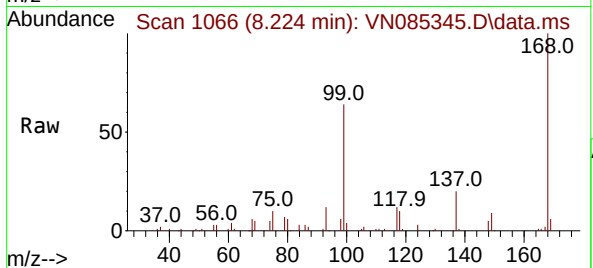
Tgt Ion: 43 Resp: 881
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



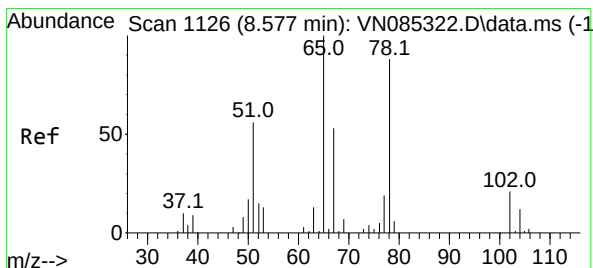
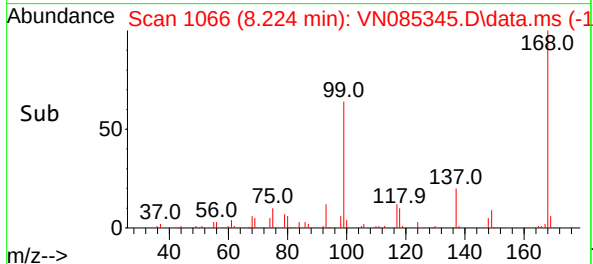
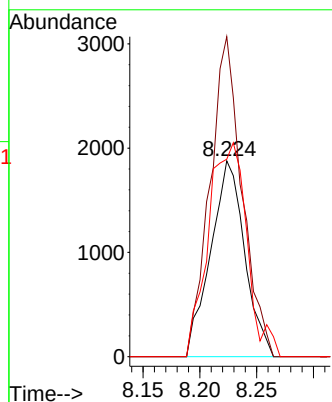


#31
Cyclohexane
Concen: 1.322 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085345.D
Acq: 30 Dec 2024 15:14

Instrument :
MSVOA_N
ClientSampleId :

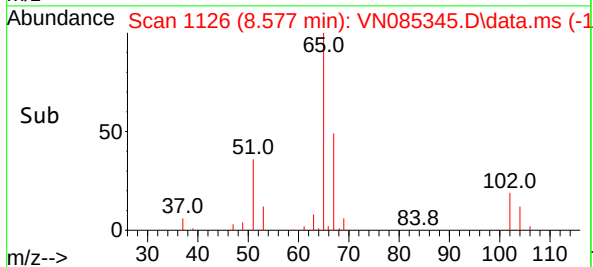
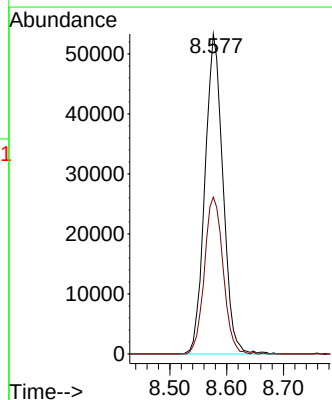
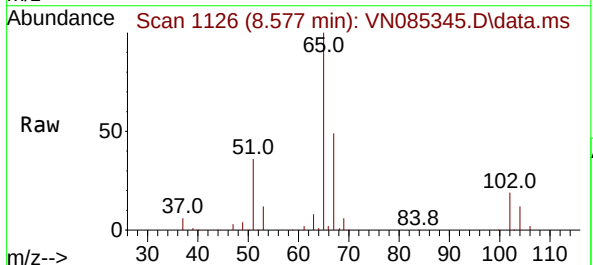


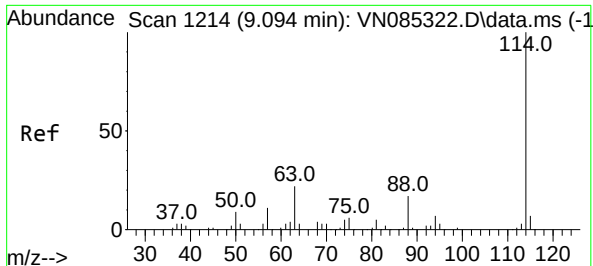
Tgt Ion: 56 Resp: 3904
Ion Ratio Lower Upper
56 100
69 163.3 23.4 35.0#
84 100.8 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 58.569 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN085345.D
Acq: 30 Dec 2024 15:14

Tgt Ion: 65 Resp: 117042
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085345.D

Acq: 30 Dec 2024 15:14

Instrument :

MSVOA_N

ClientSampleId :

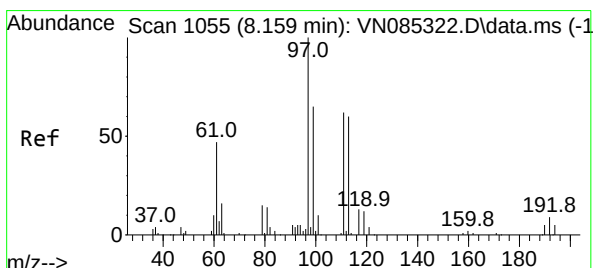
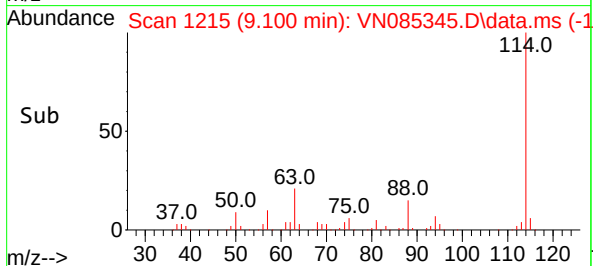
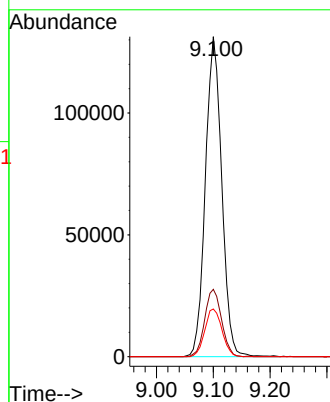
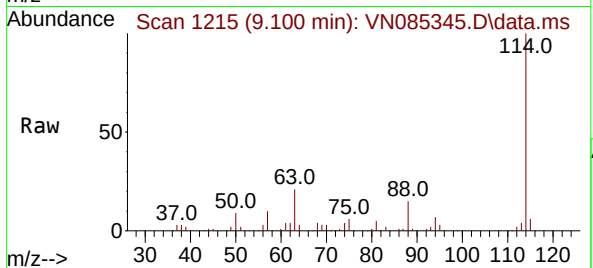
Tgt Ion:114 Resp: 261844

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.4

88 14.9 0.0 33.6



#35

Dibromofluoromethane

Concen: 54.729 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085345.D

Acq: 30 Dec 2024 15:14

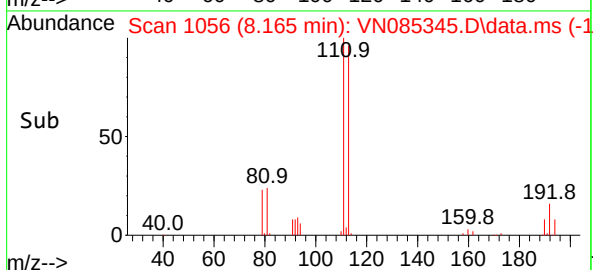
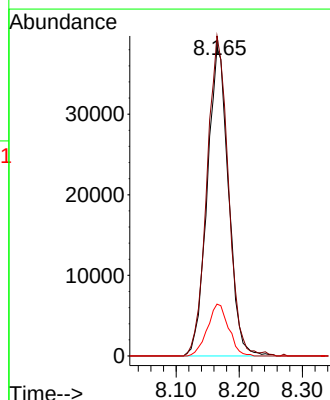
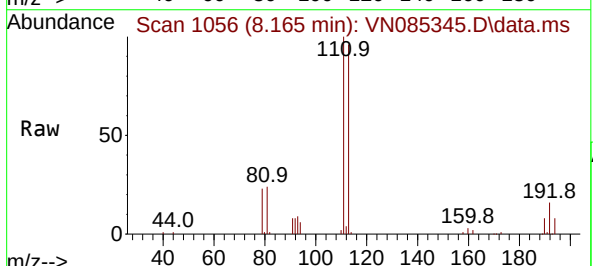
Tgt Ion:113 Resp: 89401

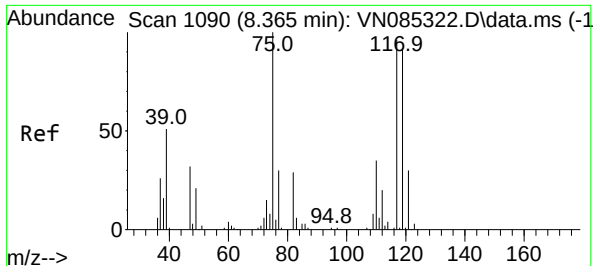
Ion Ratio Lower Upper

113 100

111 104.7 80.5 120.7

192 16.7 12.9 19.3





#36

1,1-Dichloropropene

Concen: 5.431 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085345.D

Acq: 30 Dec 2024 15:14

Instrument :

MSVOA_N

ClientSampleId :

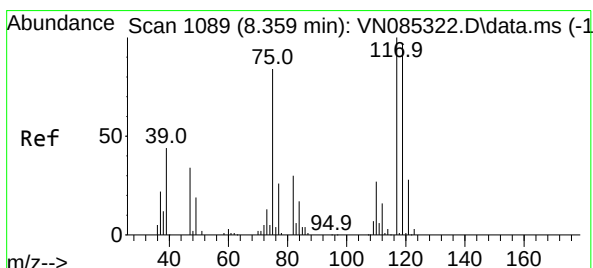
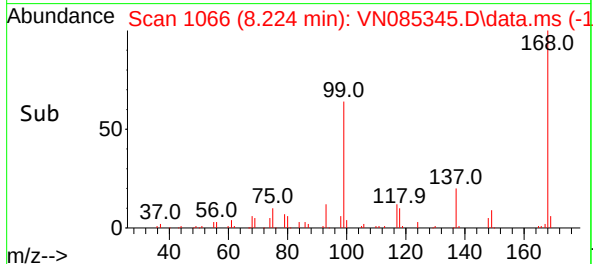
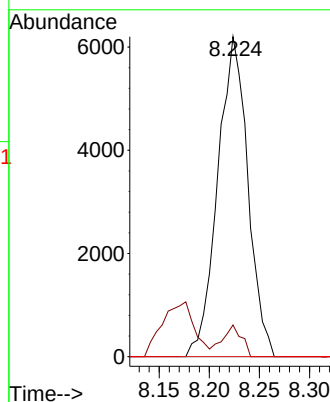
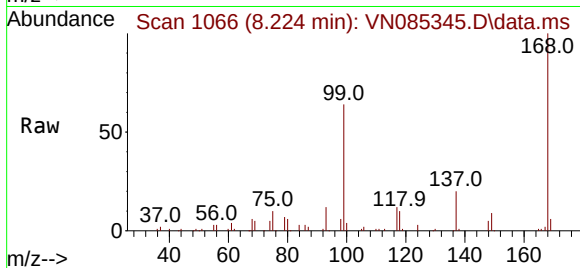
Tgt Ion: 75 Resp: 12989

Ion Ratio Lower Upper

75 100

110 6.3 16.6 49.8#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.054 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN085345.D

Acq: 30 Dec 2024 15:14

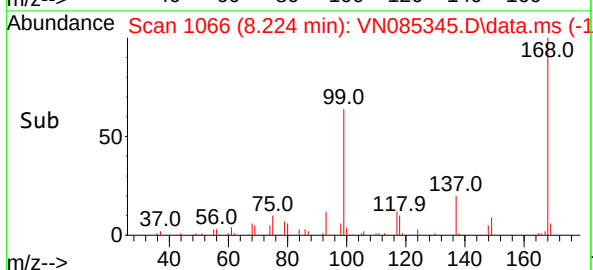
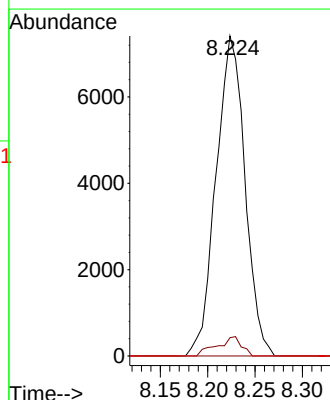
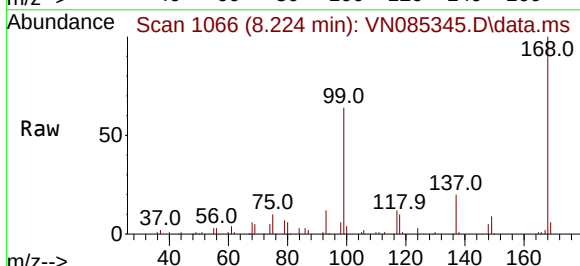
Tgt Ion: 117 Resp: 15784

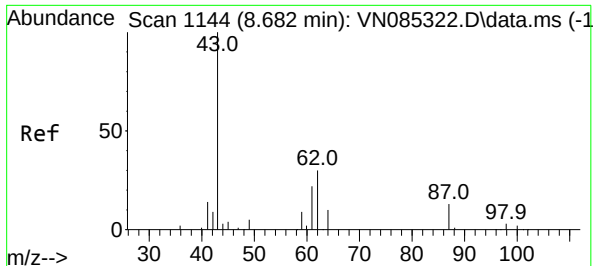
Ion Ratio Lower Upper

117 100

119 5.7 77.8 116.6#

121 0.0 22.5 33.7#

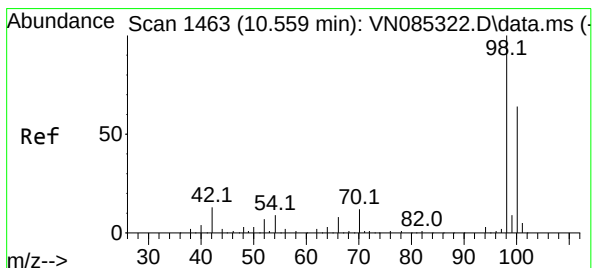
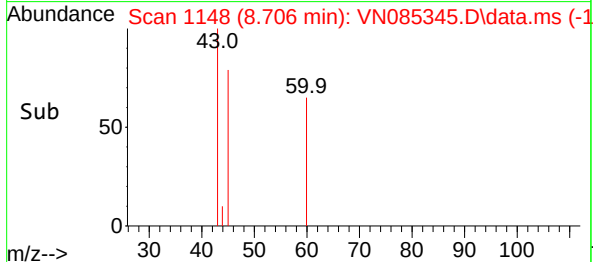
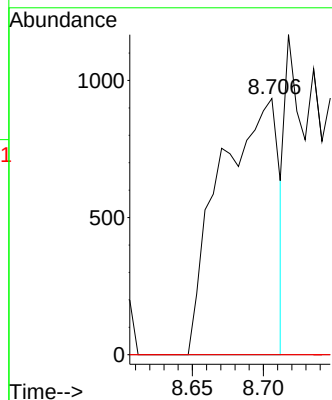
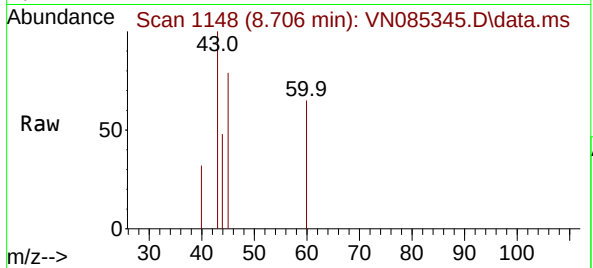




#43
Isopropyl Acetate
Concen: 0.682 ug/l
RT: 8.706 min Scan# 1144
Delta R.T. 0.024 min
Lab File: VN085345.D
Acq: 30 Dec 2024 15:14

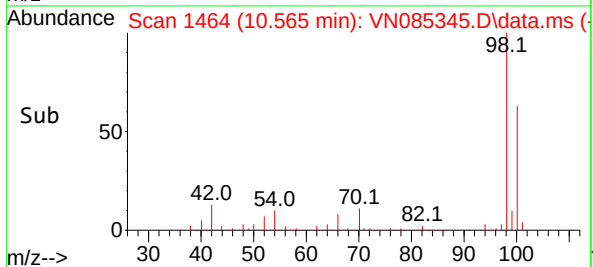
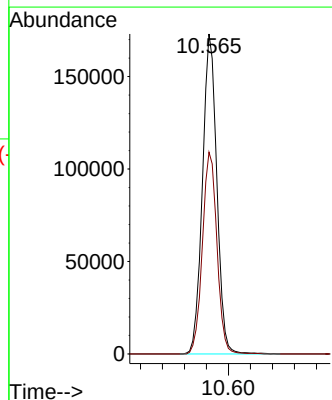
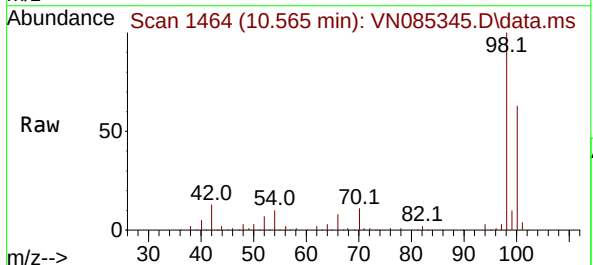
Instrument :
MSVOA_N
ClientSampleId :

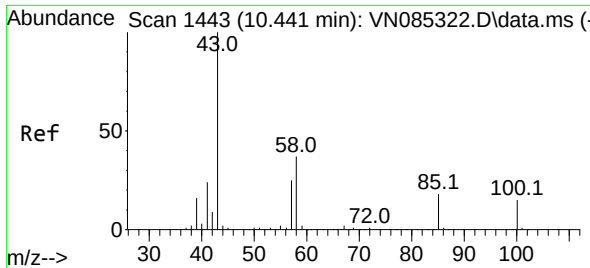
Tgt Ion: 43 Resp: 2670
Ion Ratio Lower Upper
43 100
61 0.0 20.8 31.2#
87 0.0 10.2 15.4#



#50
Toluene-d8
Concen: 52.338 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085345.D
Acq: 30 Dec 2024 15:14

Tgt Ion: 98 Resp: 313733
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3

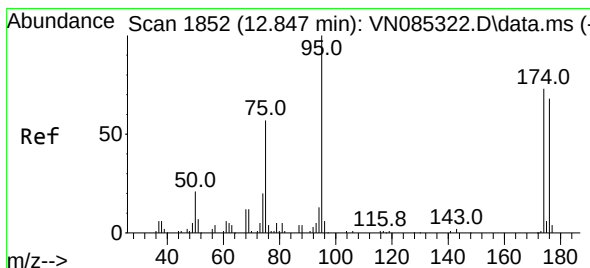
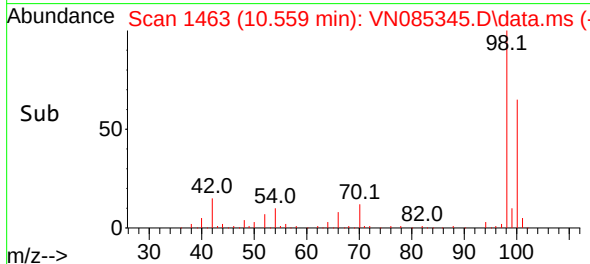
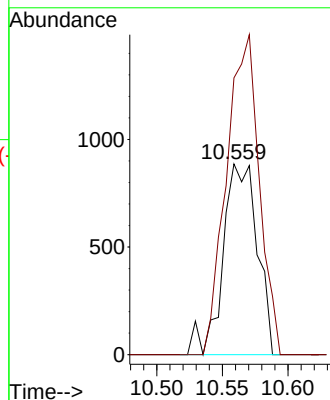
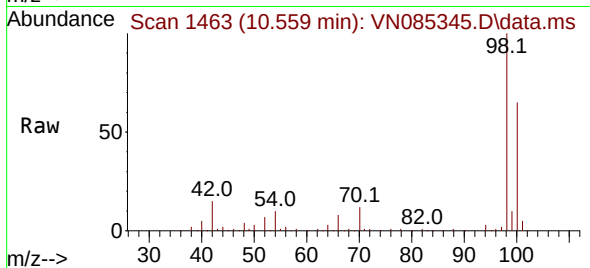




#51
4-Methyl-2-Pentanone
Concen: 0.733 ug/l
RT: 10.559 min Scan# 1443
Delta R.T. 0.118 min
Lab File: VN085345.D
Acq: 30 Dec 2024 15:14

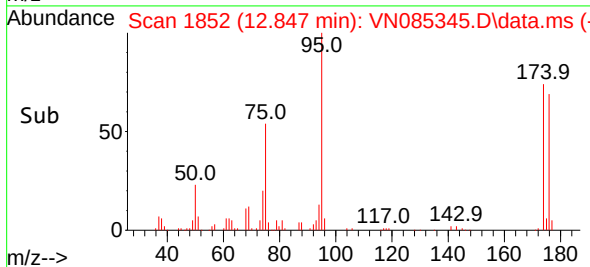
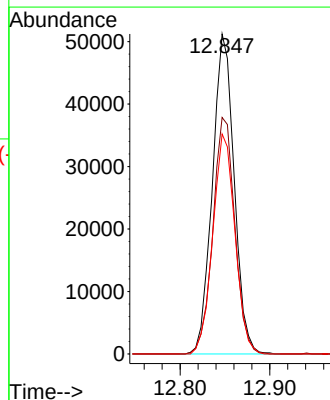
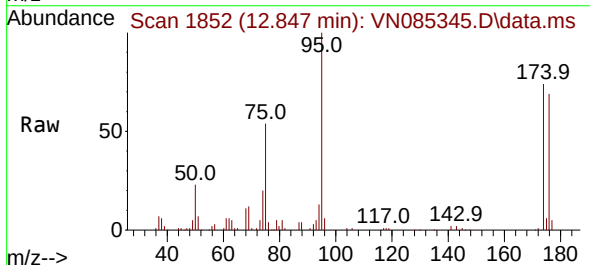
Instrument :
MSVOA_N
ClientSampleId :

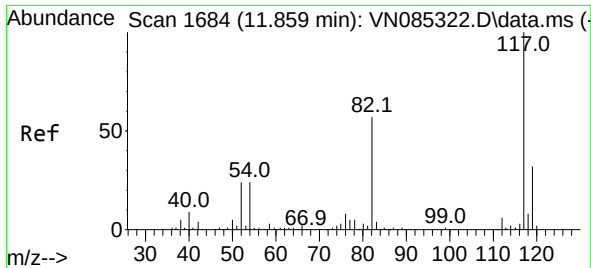
Tgt Ion: 43 Resp: 1612
Ion Ratio Lower Upper
43 100
58 160.5 30.3 45.5#



#62
4-Bromofluorobenzene
Concen: 43.236 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085345.D
Acq: 30 Dec 2024 15:14

Tgt Ion: 95 Resp: 86073
Ion Ratio Lower Upper
95 100
174 74.6 0.0 143.2
176 70.2 0.0 135.8

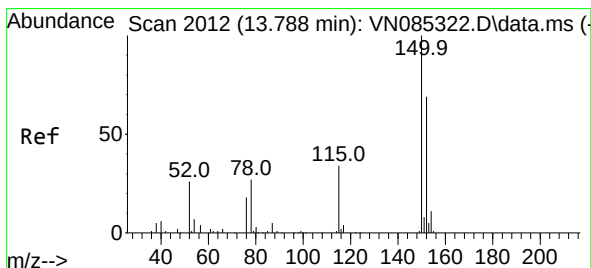
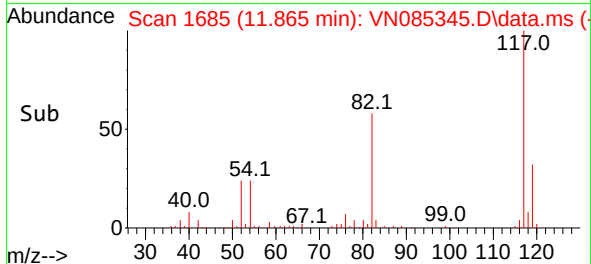
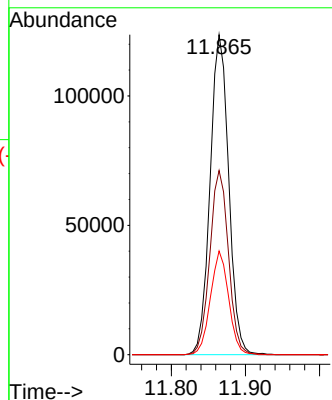
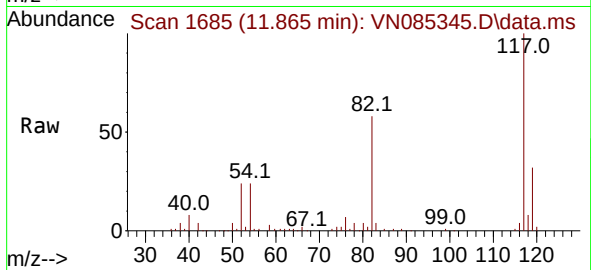




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085345.D
Acq: 30 Dec 2024 15:14

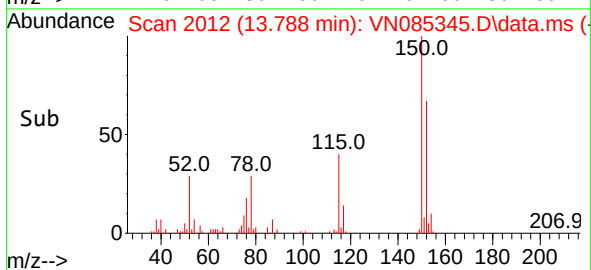
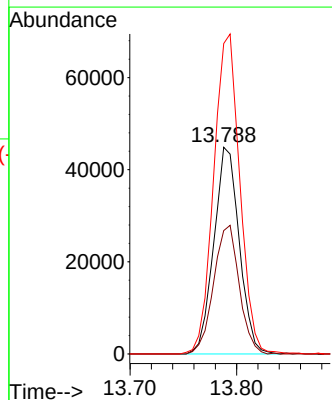
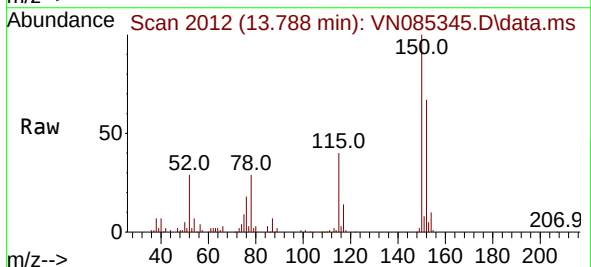
Instrument :
MSVOA_N
ClientSampleId :

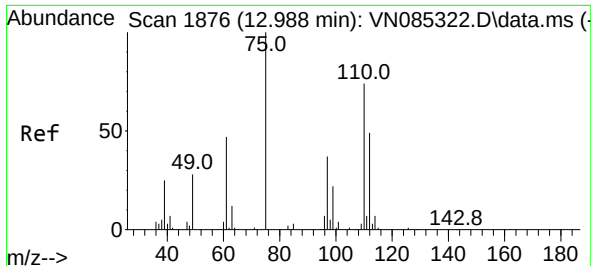
Tgt Ion:117 Resp: 215685
Ion Ratio Lower Upper
117 100
82 57.5 45.7 68.5
119 32.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085345.D
Acq: 30 Dec 2024 15:14

Tgt Ion:152 Resp: 74220
Ion Ratio Lower Upper
152 100
115 62.7 30.4 91.3
150 159.3 0.0 345.0

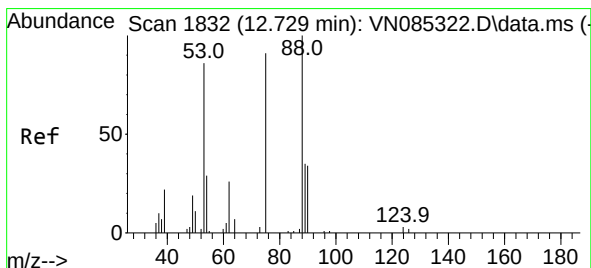
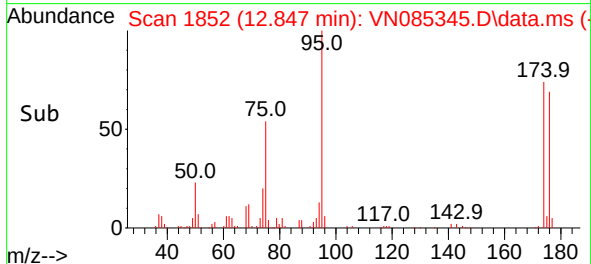
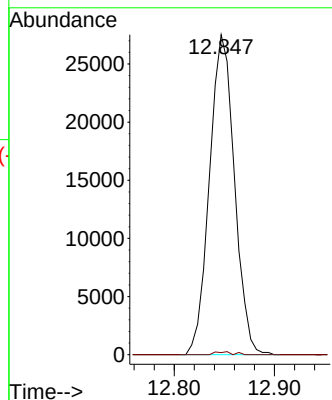
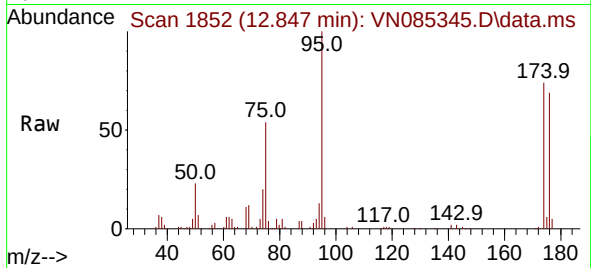




#76
1,2,3-Trichloropropane
Concen: 34.382 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085345.D
Acq: 30 Dec 2024 15:14

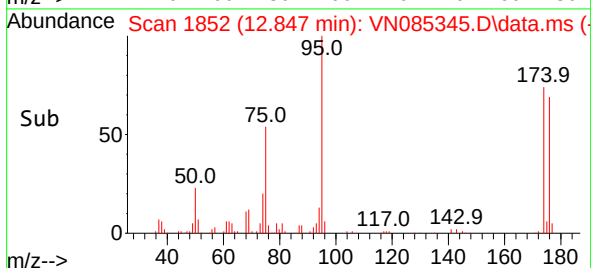
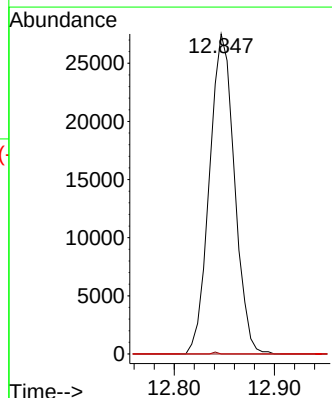
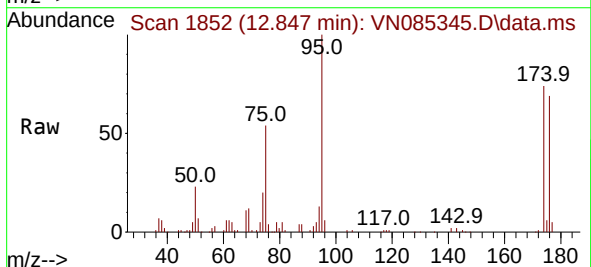
Instrument :
MSVOA_N
ClientSampleId :

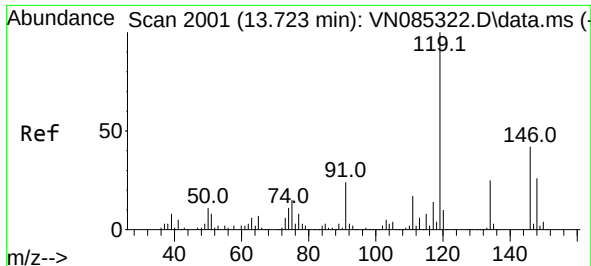
Tgt Ion: 75 Resp: 47652
Ion Ratio Lower Upper
75 100
77 0.6 98.1 294.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.338 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.118 min
Lab File: VN085345.D
Acq: 30 Dec 2024 15:14

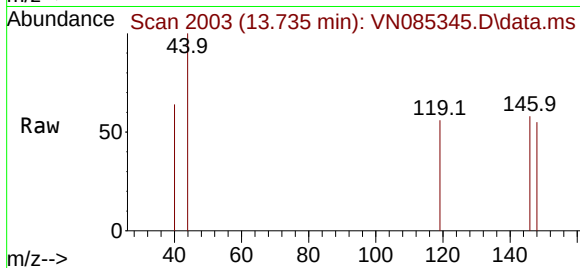
Tgt Ion: 75 Resp: 47652
Ion Ratio Lower Upper
75 100
53 0.1 80.0 120.0#
89 0.0 35.8 53.8#



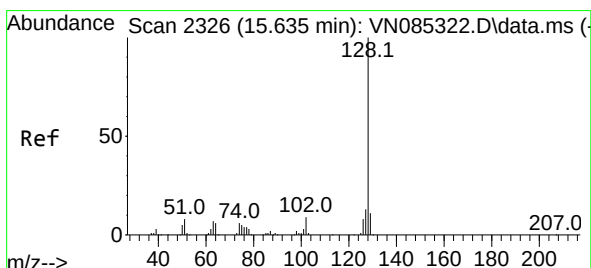
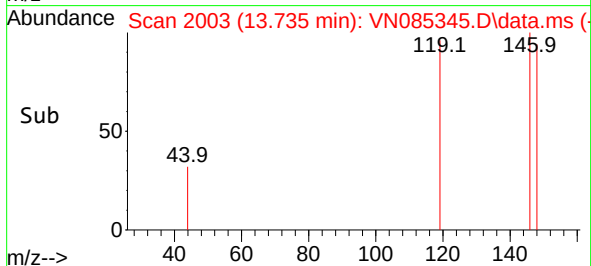
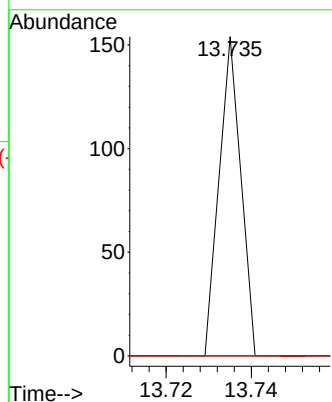


#86
 p-Isopropyltoluene
 Concen: 0.205 ug/l
 RT: 13.735 min Scan# 2001
 Delta R.T. 0.012 min
 Lab File: VN085345.D
 Acq: 30 Dec 2024 15:14

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:119 Resp: 54
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.5 37.5#
 91 0.0 12.2 36.4#



#95
 Naphthalene
 Concen: 0.356 ug/l
 RT: 15.641 min Scan# 2327
 Delta R.T. 0.006 min
 Lab File: VN085345.D
 Acq: 30 Dec 2024 15:14

Tgt Ion:128 Resp: 1374
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.6 16.0#
 129 4.1 8.5 12.7#

