

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123124\
 Data File : VN085362.D
 Acq On : 31 Dec 2024 10:19
 Operator : JC\MD
 Sample : VN1231WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 01 02:01:56 2025
 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	139418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	224661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	78057	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119764	60.228	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	120.460%
35) Dibromofluoromethane	8.165	113	94311	57.875	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	115.760%
50) Toluene-d8	10.565	98	320302	53.564	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.120%
62) 4-Bromofluorobenzene	12.847	95	89221	44.926	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.860%

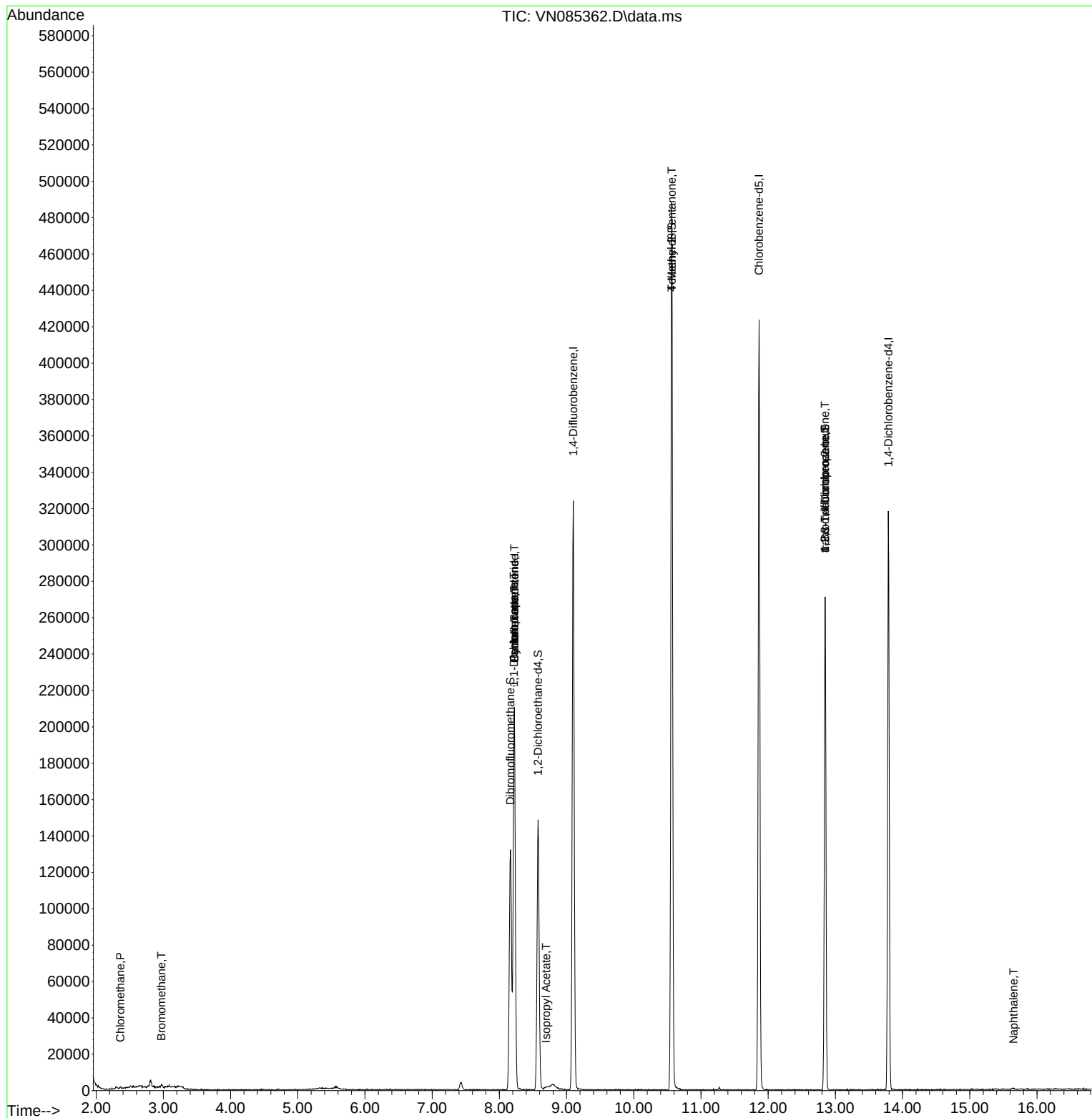
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.359	50	510	0.241	ug/l #	43
5) Bromomethane	2.971	94	554	0.378	ug/l	93
31) Cyclohexane	8.224	56	3981	1.354	ug/l #	32
36) 1,1-Dichloropropene	8.218	75	13645	5.719	ug/l #	49
38) Carbon Tetrachloride	8.224	117	15355	5.904	ug/l #	16
43) Isopropyl Acetate	8.694	43	862	0.221	ug/l #	55
51) 4-Methyl-2-Pentanone	10.565	43	1688	0.769	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	50903	34.922	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	50903	83.632	ug/l #	10
95) Naphthalene	15.653	128	1575	0.388	ug/l #	69

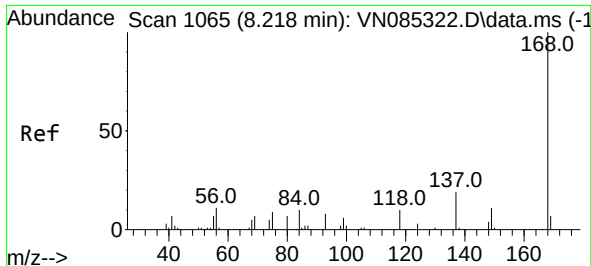
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123124\
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
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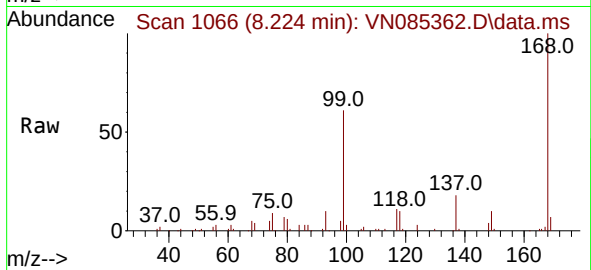
Quant Time: Jan 01 02:01:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
Response via : Initial Calibration



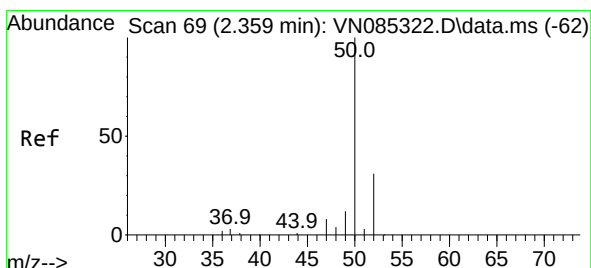
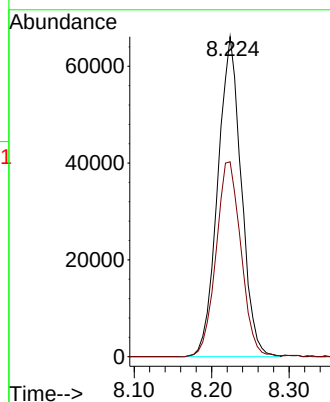
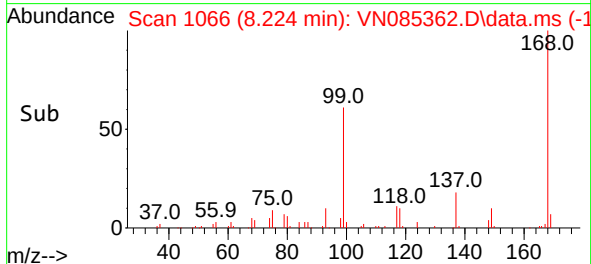


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085362.D
Acq: 31 Dec 2024 10:19

Instrument :
MSVOA_N
ClientSampleId :

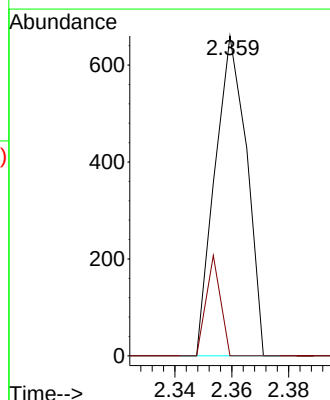
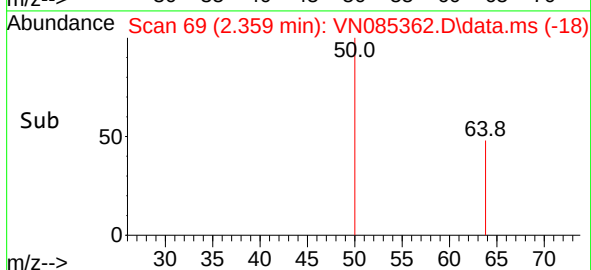
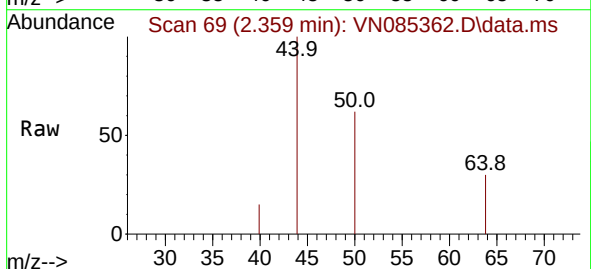


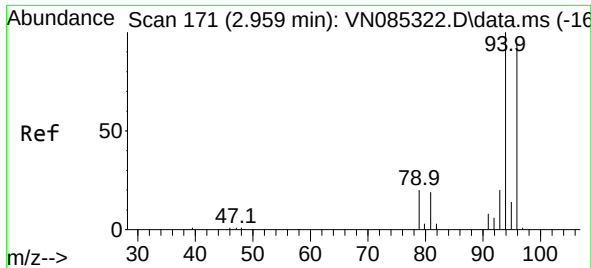
Tgt Ion:168 Resp: 139418
Ion Ratio Lower Upper
168 100
99 60.9 51.0 76.4



#3
Chloromethane
Concen: 0.241 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085362.D
Acq: 31 Dec 2024 10:19

Tgt Ion: 50 Resp: 510
Ion Ratio Lower Upper
50 100
52 0.0 25.1 37.7#

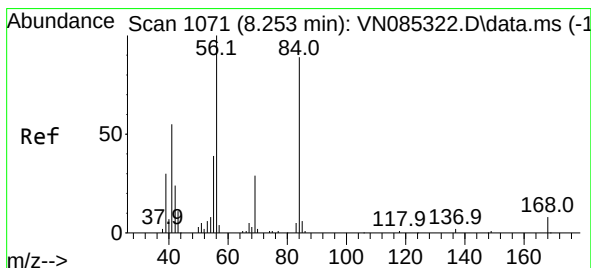
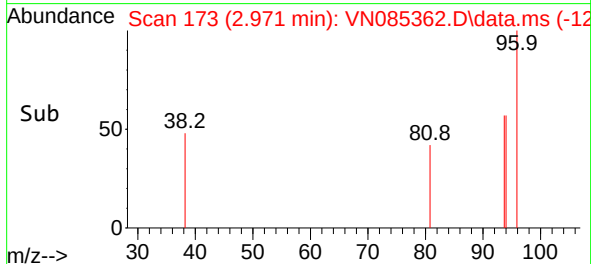
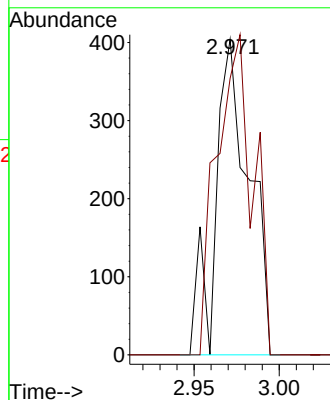
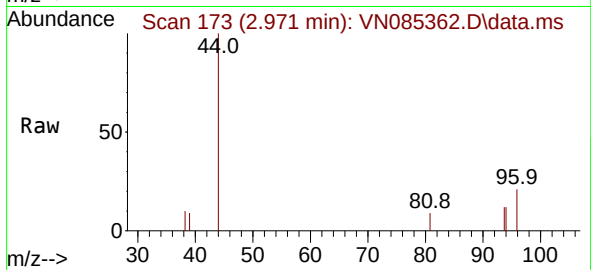




#5
Bromomethane
Concen: 0.378 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN085362.D
Acq: 31 Dec 2024 10:19

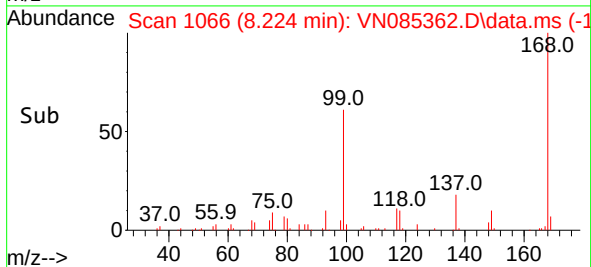
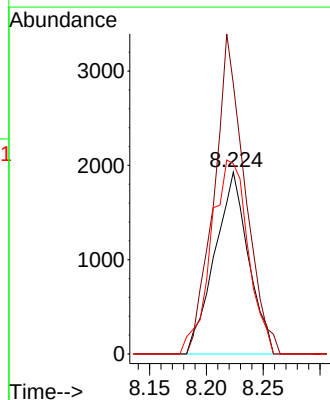
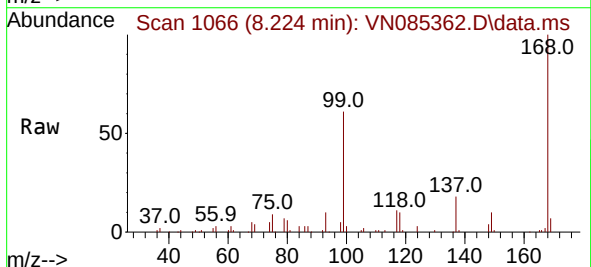
Instrument :
MSVOA_N
ClientSampleId :

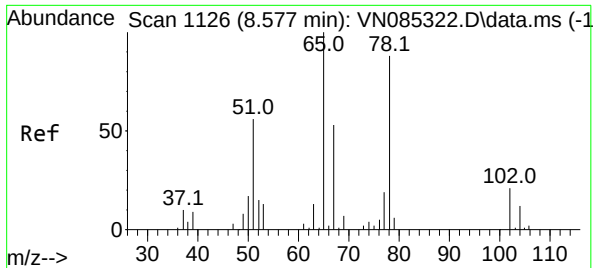
Tgt Ion: 94 Resp: 554
Ion Ratio Lower Upper
94 100
96 87.6 75.2 112.8



#31
Cyclohexane
Concen: 1.354 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085362.D
Acq: 31 Dec 2024 10:19

Tgt Ion: 56 Resp: 3981
Ion Ratio Lower Upper
56 100
69 148.5 23.4 35.0#
84 104.7 71.0 106.6





#33

1,2-Dichloroethane-d4

Concen: 60.228 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN085362.D

Acq: 31 Dec 2024 10:19

Instrument :

MSVOA_N

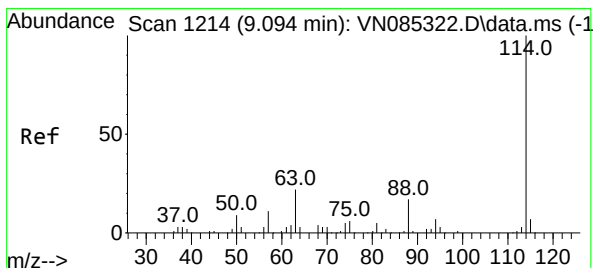
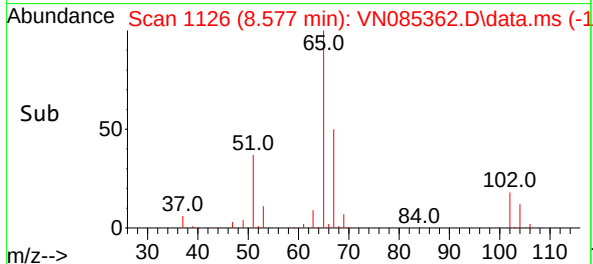
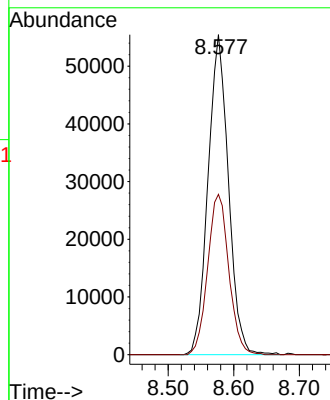
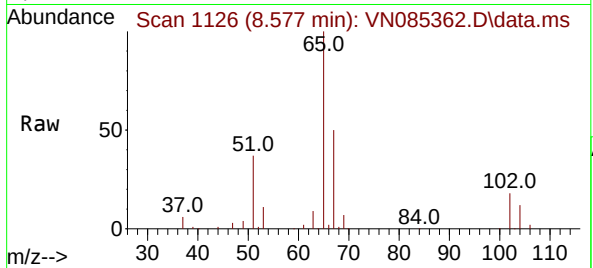
ClientSampleId :

Tgt Ion: 65 Resp: 119764

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085362.D

Acq: 31 Dec 2024 10:19

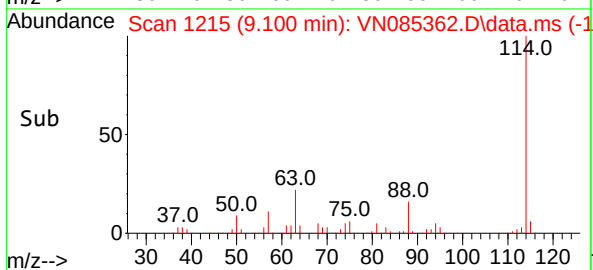
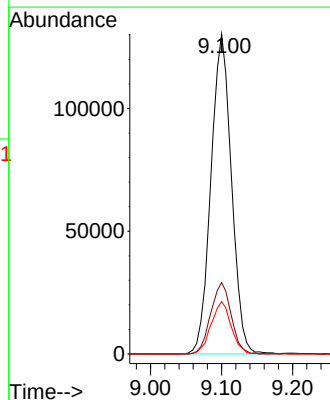
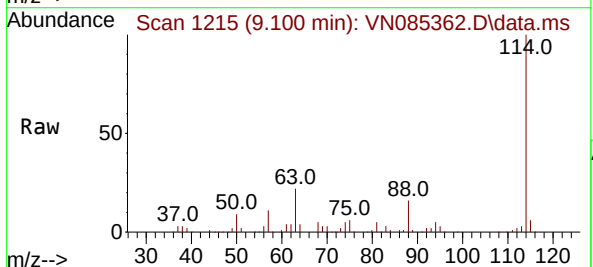
Tgt Ion: 114 Resp: 261209

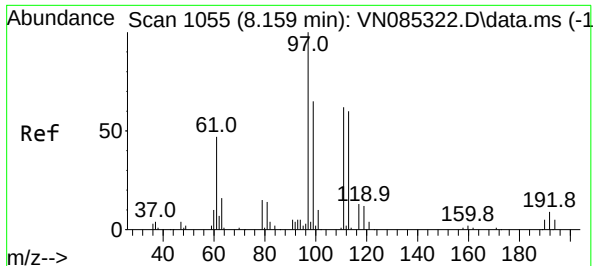
Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.4

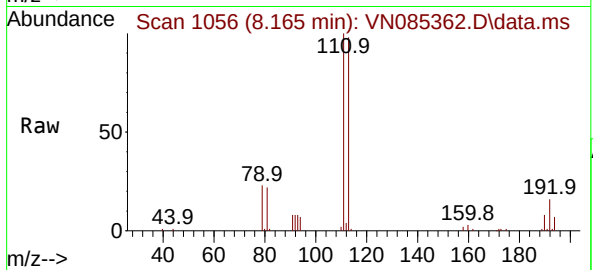
88 16.4 0.0 33.6



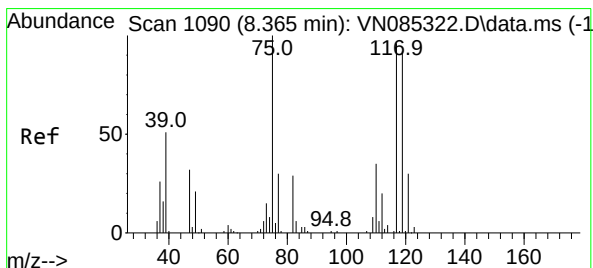
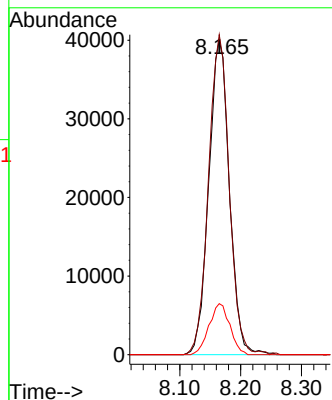
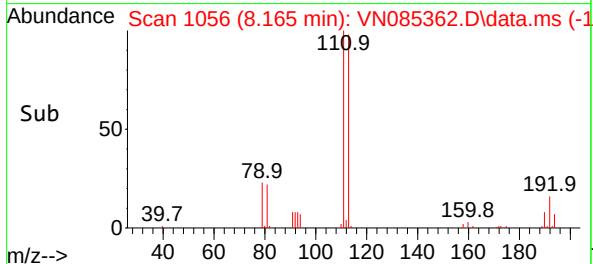


#35
Dibromofluoromethane
Concen: 57.875 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085362.D
Acq: 31 Dec 2024 10:19

Instrument :
MSVOA_N
ClientSampleId :

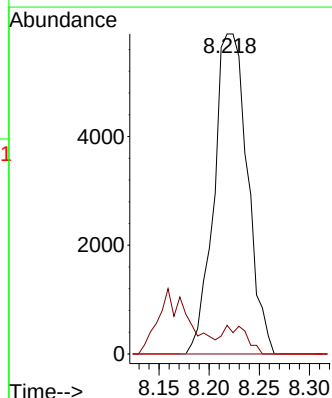
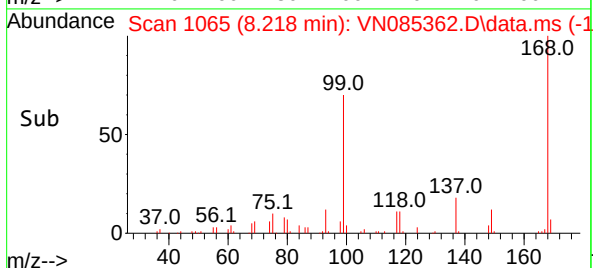
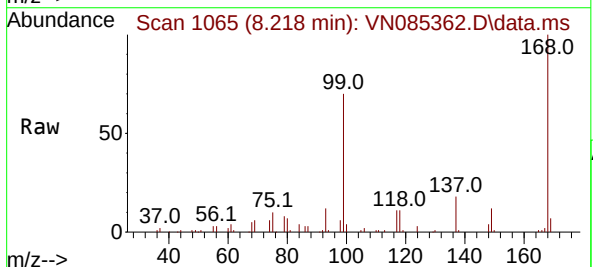


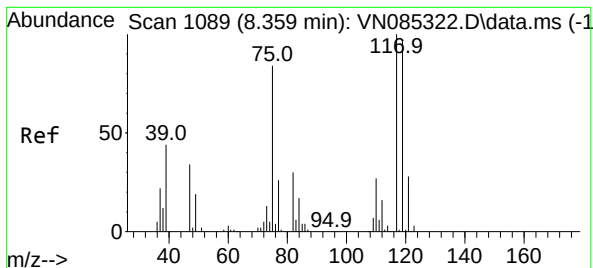
Tgt Ion:113 Resp: 94311
Ion Ratio Lower Upper
113 100
111 101.9 80.5 120.7
192 16.3 12.9 19.3



#36
1,1-Dichloropropene
Concen: 5.719 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN085362.D
Acq: 31 Dec 2024 10:19

Tgt Ion: 75 Resp: 13645
Ion Ratio Lower Upper
75 100
110 6.5 16.6 49.8#
77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 5.904 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

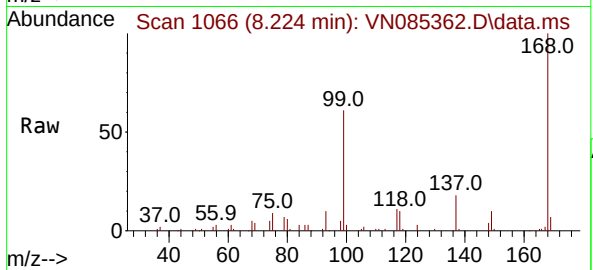
Lab File: VN085362.D

Acq: 31 Dec 2024 10:19

Instrument :

MSVOA_N

ClientSampleId :



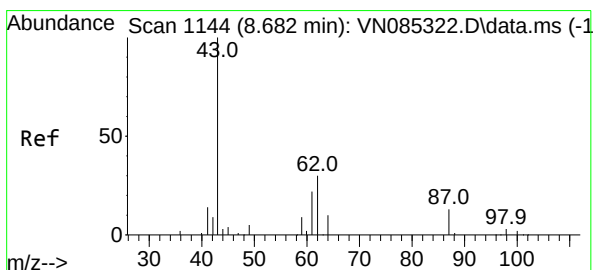
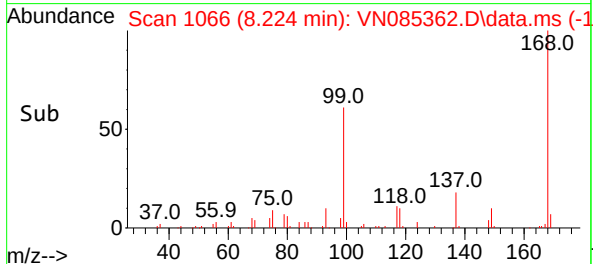
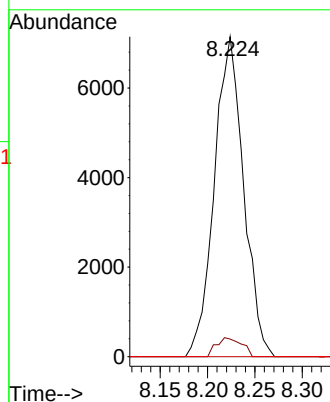
Tgt Ion:117 Resp: 15355

Ion Ratio Lower Upper

117 100

119 5.5 77.8 116.6#

121 0.0 22.5 33.7#



#43

Isopropyl Acetate

Concen: 0.221 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.012 min

Lab File: VN085362.D

Acq: 31 Dec 2024 10:19

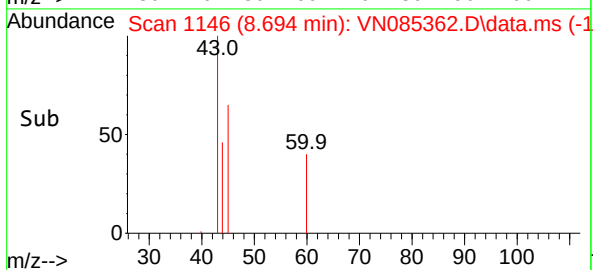
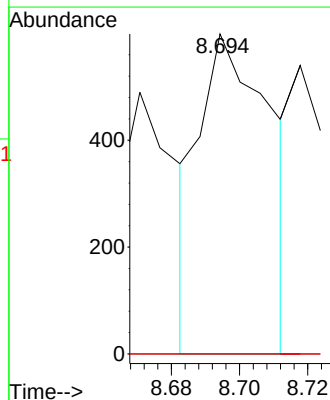
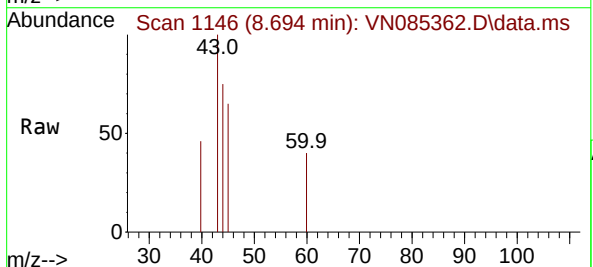
Tgt Ion: 43 Resp: 862

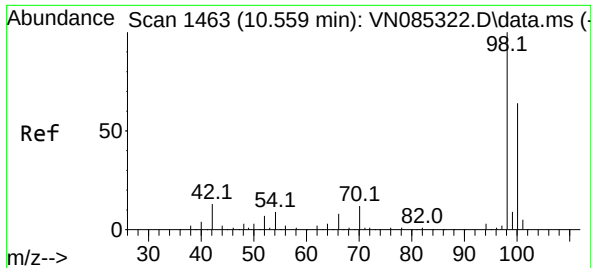
Ion Ratio Lower Upper

43 100

61 0.0 20.8 31.2#

87 0.0 10.2 15.4#

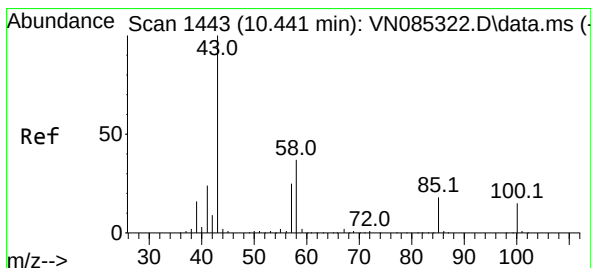
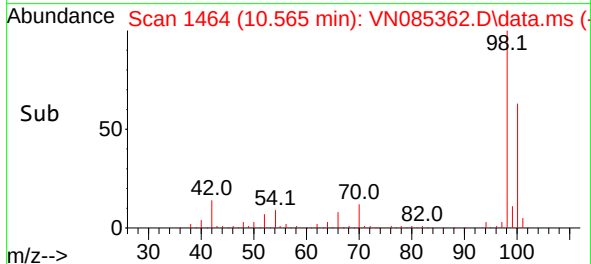
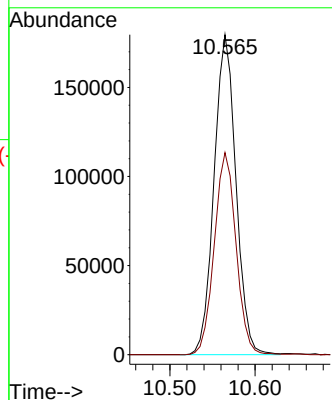
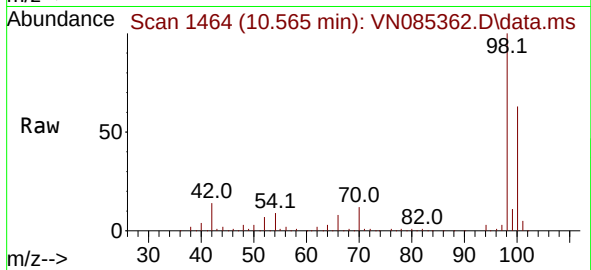




#50
Toluene-d8
Concen: 53.564 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085362.D
Acq: 31 Dec 2024 10:19

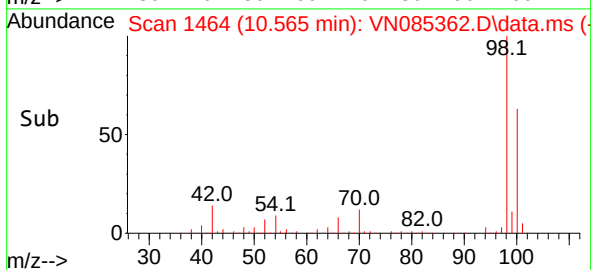
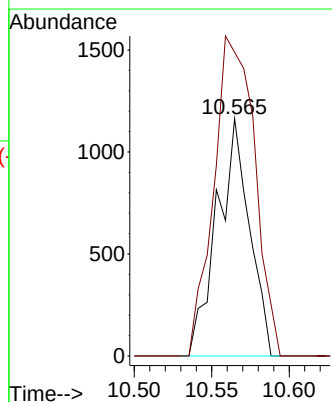
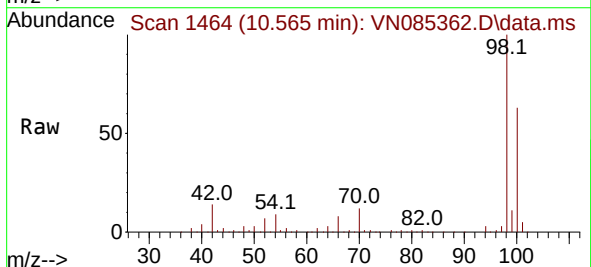
Instrument :
MSVOA_N
ClientSampleId :

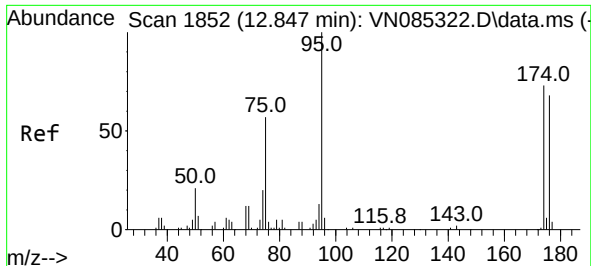
Tgt Ion: 98 Resp: 320302
Ion Ratio Lower Upper
98 100
100 62.8 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.769 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN085362.D
Acq: 31 Dec 2024 10:19

Tgt Ion: 43 Resp: 1688
Ion Ratio Lower Upper
43 100
58 170.4 30.3 45.5#





#62

4-Bromofluorobenzene

Concen: 44.926 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085362.D

Acq: 31 Dec 2024 10:19

Instrument :

MSVOA_N

ClientSampleId :

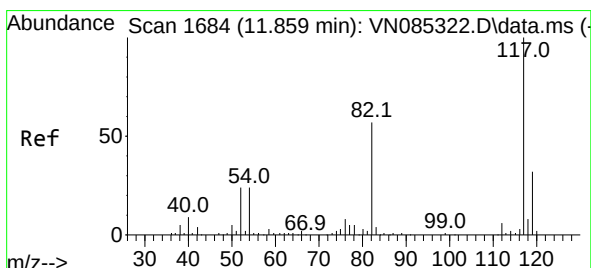
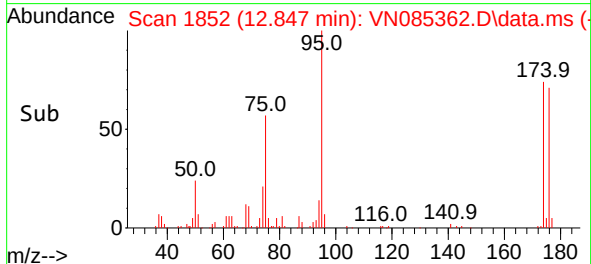
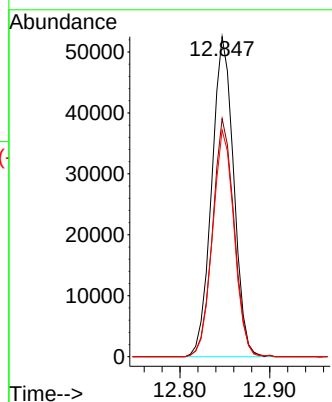
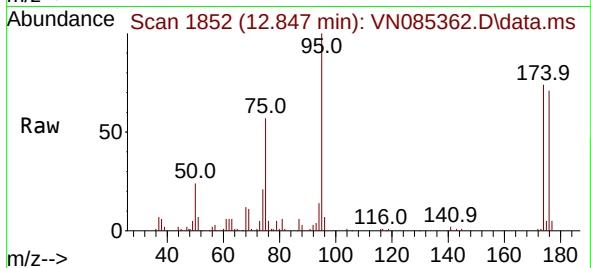
Tgt Ion: 95 Resp: 89221

Ion Ratio Lower Upper

95 100

174 72.9 0.0 143.2

176 69.7 0.0 135.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. 0.006 min

Lab File: VN085362.D

Acq: 31 Dec 2024 10:19

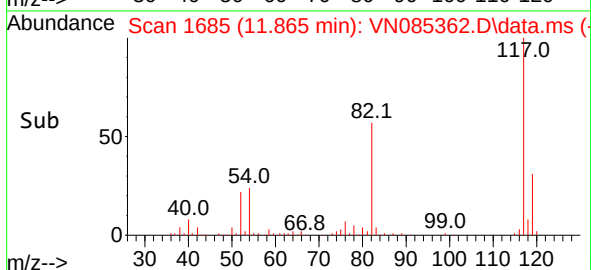
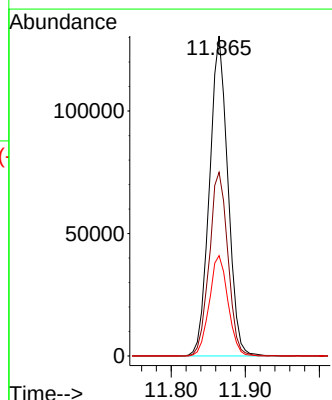
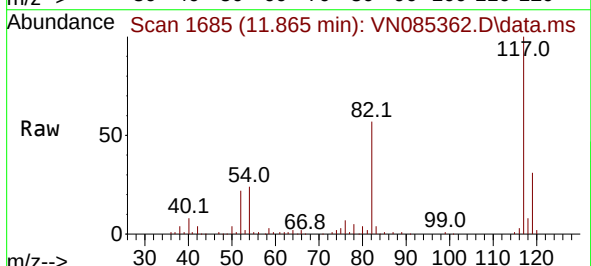
Tgt Ion: 117 Resp: 224661

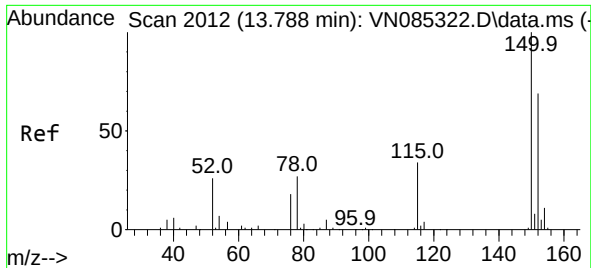
Ion Ratio Lower Upper

117 100

82 57.4 45.7 68.5

119 31.4 25.8 38.8

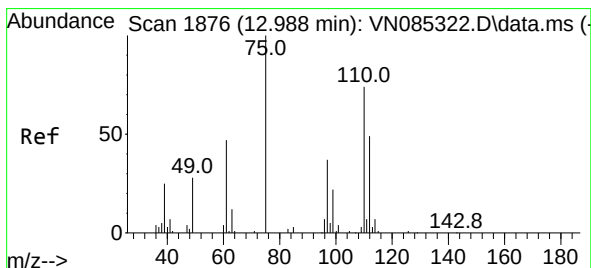
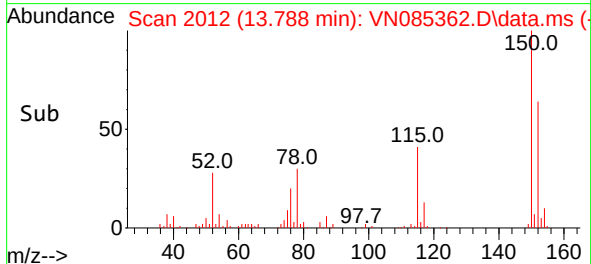
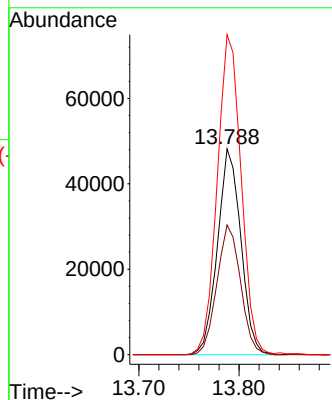
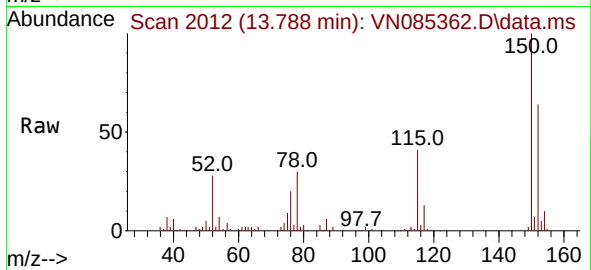




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085362.D
Acq: 31 Dec 2024 10:19

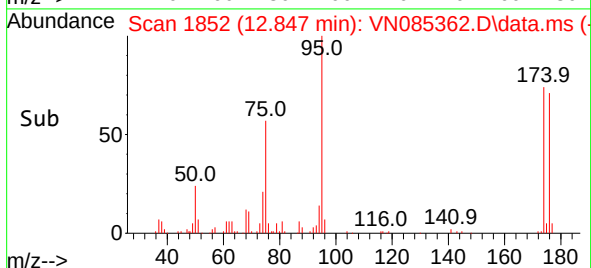
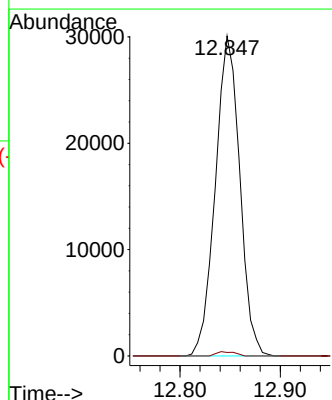
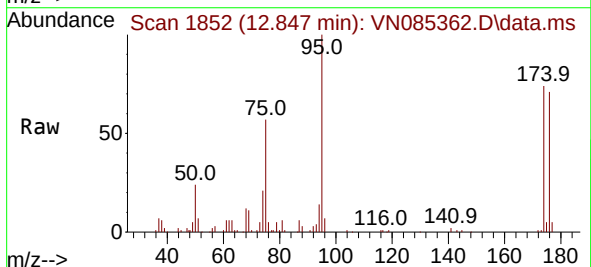
Instrument :
MSVOA_N
ClientSampleId :

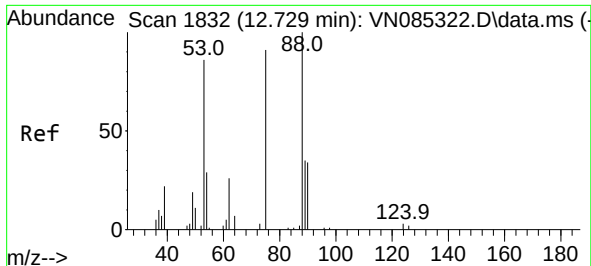
Tgt Ion:152 Resp: 78057
Ion Ratio Lower Upper
152 100
115 63.7 30.4 91.3
150 159.5 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 34.922 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085362.D
Acq: 31 Dec 2024 10:19

Tgt Ion: 75 Resp: 50903
Ion Ratio Lower Upper
75 100
77 1.0 98.1 294.3#

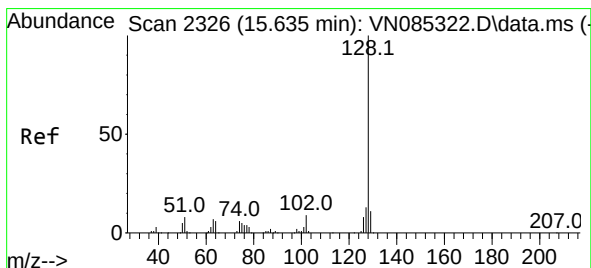
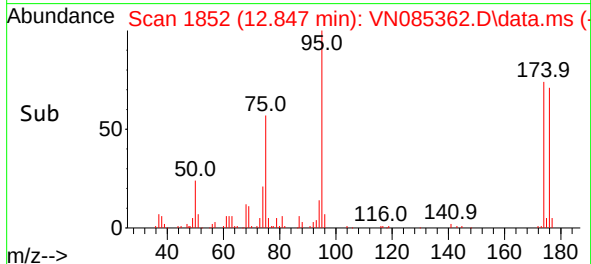
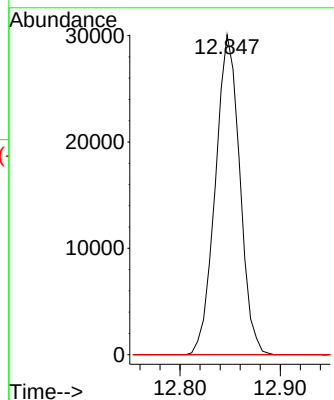
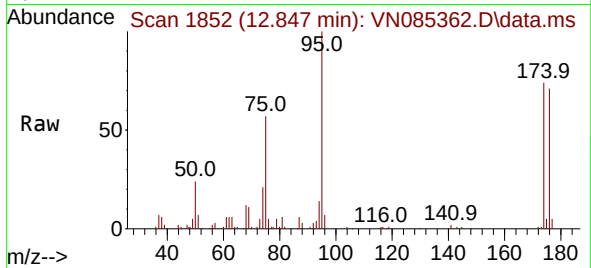




#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.632 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN085362.D
 Acq: 31 Dec 2024 10:19

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 75 Resp: 50903
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.0 120.0#
 89 0.0 35.8 53.8#



#95
 Naphthalene
 Concen: 0.388 ug/l
 RT: 15.653 min Scan# 2329
 Delta R.T. 0.018 min
 Lab File: VN085362.D
 Acq: 31 Dec 2024 10:19

Tgt Ion:128 Resp: 1575
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.6 16.0#
 129 0.0 8.5 12.7#

