

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
 Data File : VN085355.D
 Acq On : 30 Dec 2024 19:15
 Operator : JC\MD
 Sample : P5386-03 10X
 Misc : 1.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 31 02:19:22 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)

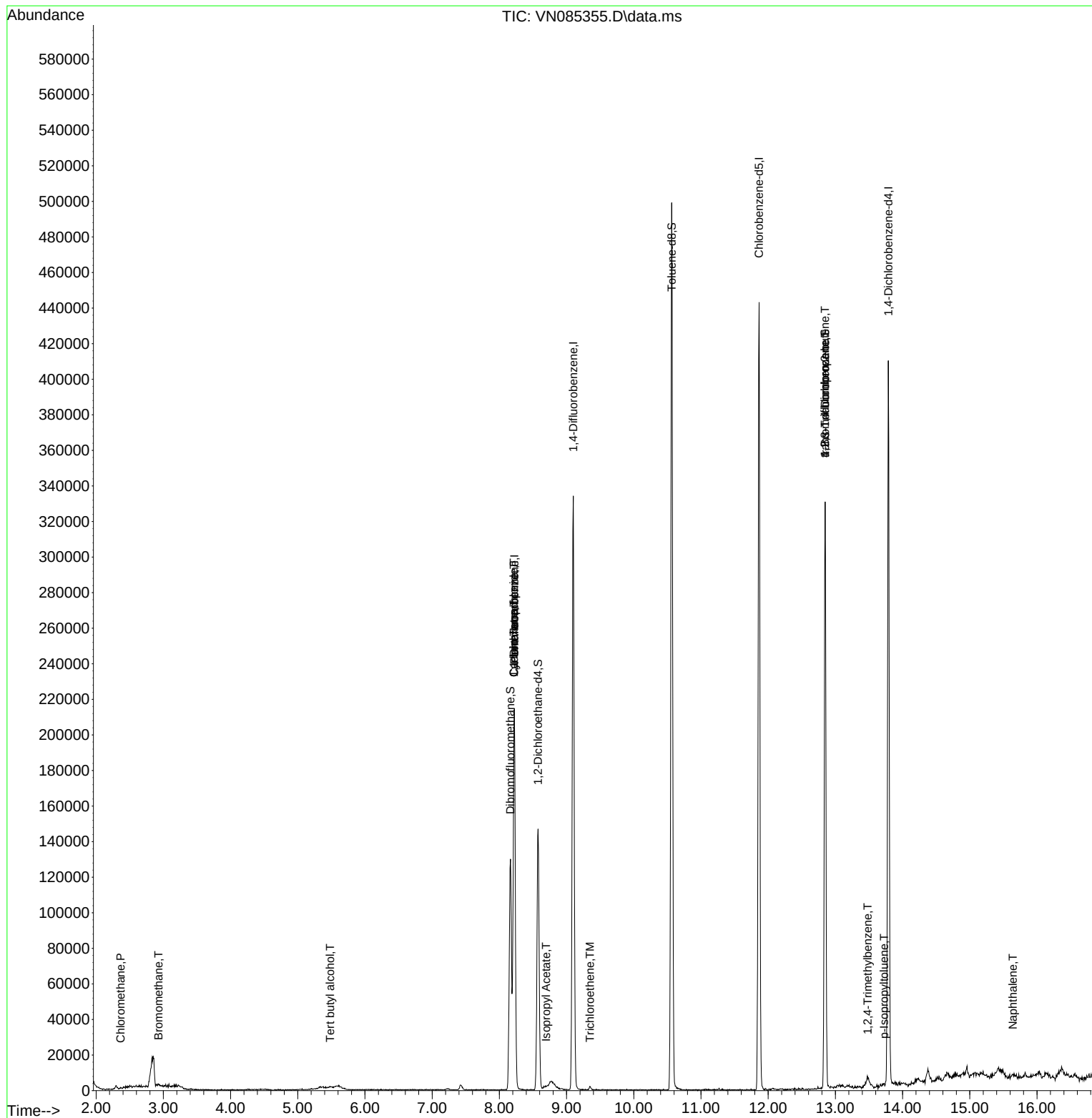
Internal Standards						
1) Pentafluorobenzene	8.224	168	145716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	270367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	241398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	100713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120054	57.765	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.520%			
35) Dibromofluoromethane	8.165	113	92724	54.974	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.940%			
50) Toluene-d8	10.565	98	331526	53.563	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.120%			
62) 4-Bromofluorobenzene	12.847	95	110460	53.737	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.480%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	498	0.225	ug/l #	43
5) Bromomethane	2.930	94	543	0.354	ug/l #	63
11) Tert butyl alcohol	5.483	59	305	1.172	ug/l #	73
31) Cyclohexane	8.218	56	3876	1.262	ug/l #	47
36) 1,1-Dichloropropene	8.218	75	13828	5.599	ug/l #	51
38) Carbon Tetrachloride	8.218	117	16095	5.979	ug/l #	17
43) Isopropyl Acetate	8.694	43	2201	0.545	ug/l #	55
44) Trichloroethene	9.347	130	661	0.374	ug/l	67
76) 1,2,3-Trichloropropane	12.847	75	60619	32.232	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	60619	77.191	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.482	105	1888	0.324	ug/l	79
86) p-Isopropyltoluene	13.723	119	961	0.354	ug/l #	32
95) Naphthalene	15.641	128	2467	0.470	ug/l #	77

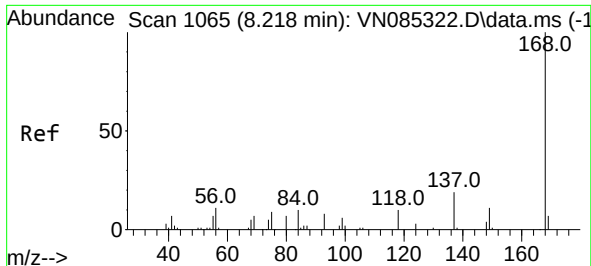
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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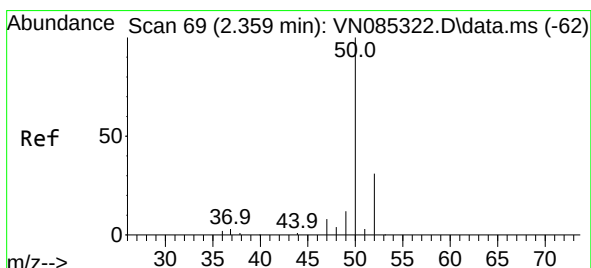
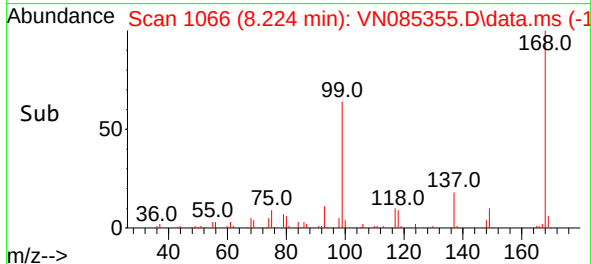
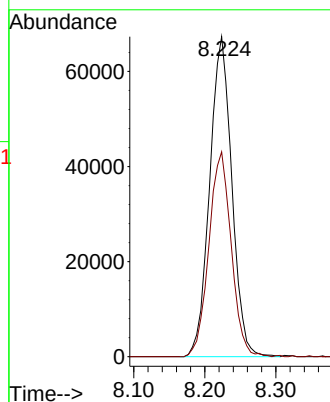
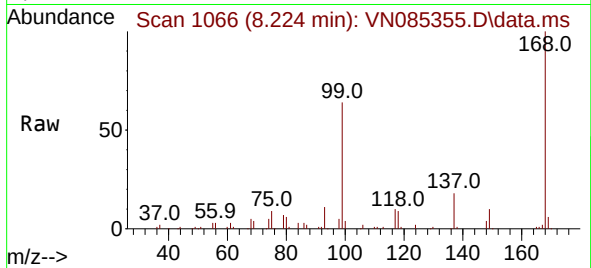




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085355.D
Acq: 30 Dec 2024 19:15

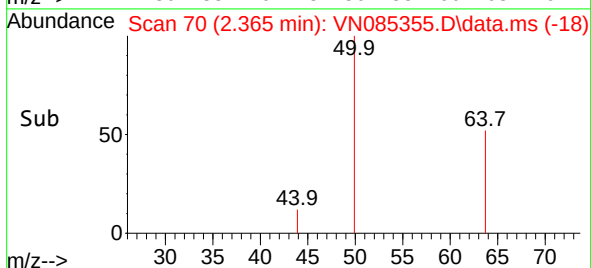
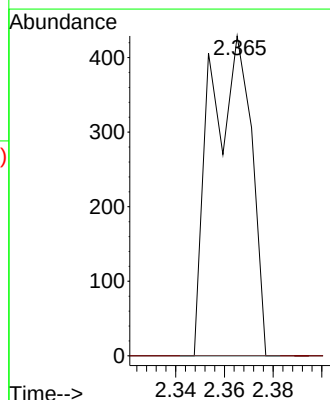
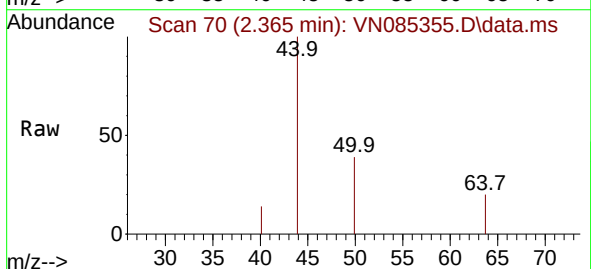
Instrument :
MSVOA_N
ClientSampleId :

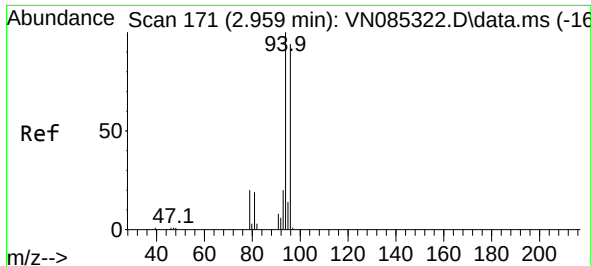
Tgt Ion:168 Resp: 145716
Ion Ratio Lower Upper
168 100
99 64.0 51.0 76.4



#3
Chloromethane
Concen: 0.225 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN085355.D
Acq: 30 Dec 2024 19:15

Tgt Ion: 50 Resp: 498
Ion Ratio Lower Upper
50 100
52 0.0 25.1 37.7#

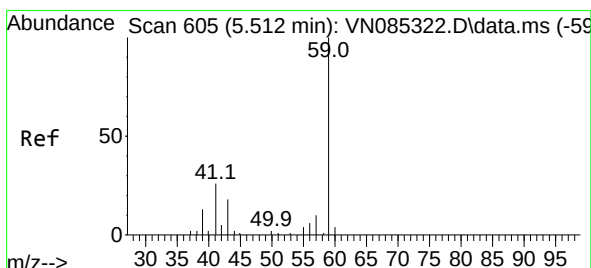
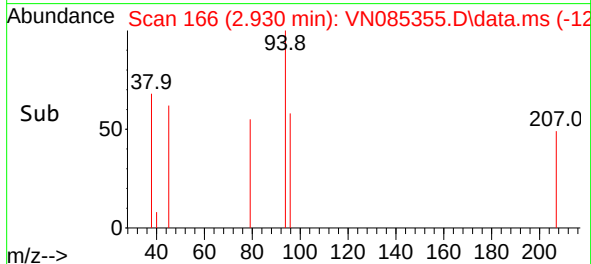
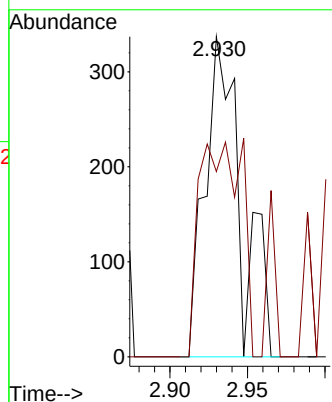
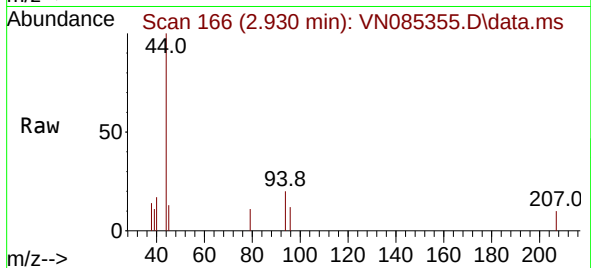




#5
Bromomethane
Concen: 0.354 ug/l
RT: 2.930 min Scan# 1
Delta R.T. -0.029 min
Lab File: VN085355.D
Acq: 30 Dec 2024 19:15

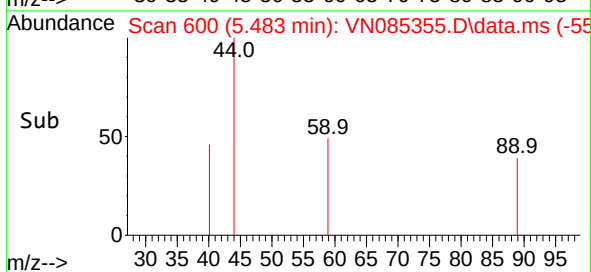
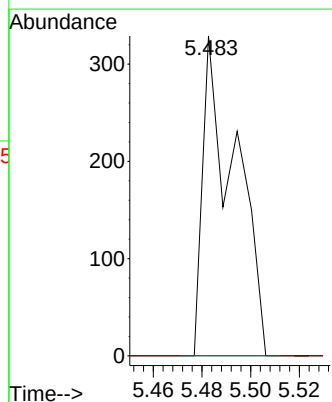
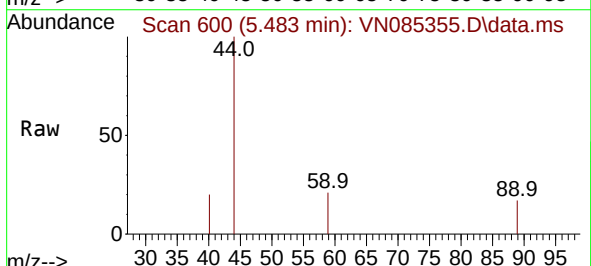
Instrument :
MSVOA_N
ClientSampleId :

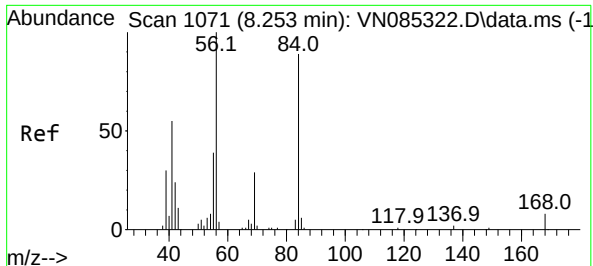
Tgt Ion: 94 Resp: 543
Ion Ratio Lower Upper
94 100
96 57.9 75.2 112.8#



#11
Tert butyl alcohol
Concen: 1.172 ug/l
RT: 5.483 min Scan# 600
Delta R.T. -0.029 min
Lab File: VN085355.D
Acq: 30 Dec 2024 19:15

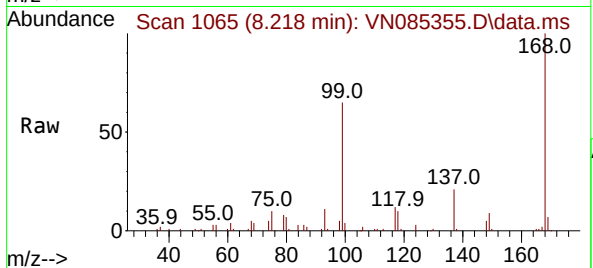
Tgt Ion: 59 Resp: 305
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



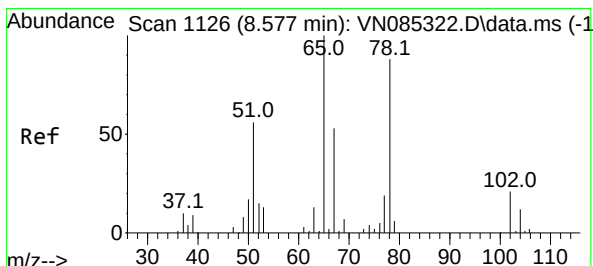
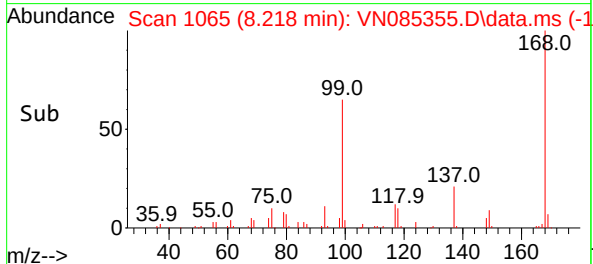
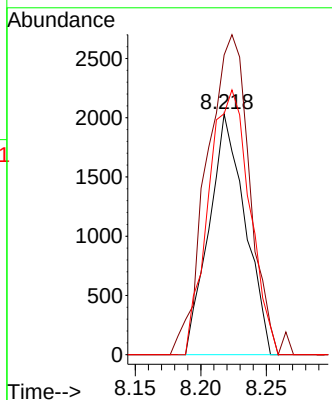


#31
Cyclohexane
Concen: 1.262 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085355.D
Acq: 30 Dec 2024 19:15

Instrument :
MSVOA_N
ClientSampleId :

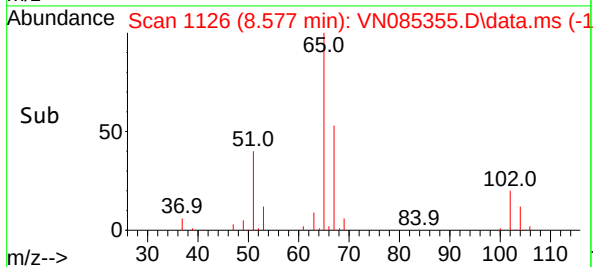
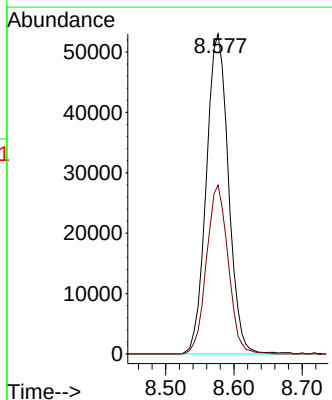
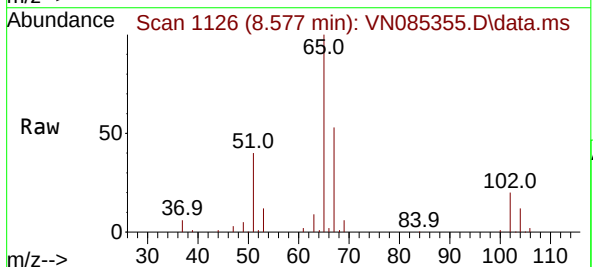


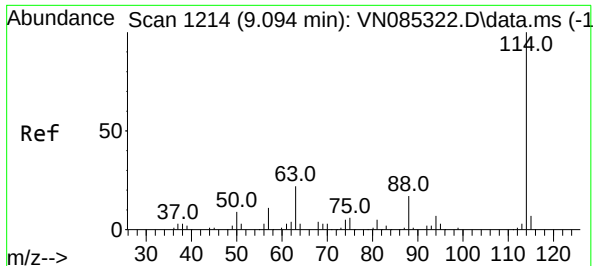
Tgt Ion: 56 Resp: 3876
Ion Ratio Lower Upper
56 100
69 124.5 23.4 35.0#
84 100.1 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 57.765 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085355.D
Acq: 30 Dec 2024 19:15

Tgt Ion: 65 Resp: 120054
Ion Ratio Lower Upper
65 100
67 51.5 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: VN085355.D

Acq: 30 Dec 2024 19:15

Instrument :

MSVOA_N

ClientSampleId :

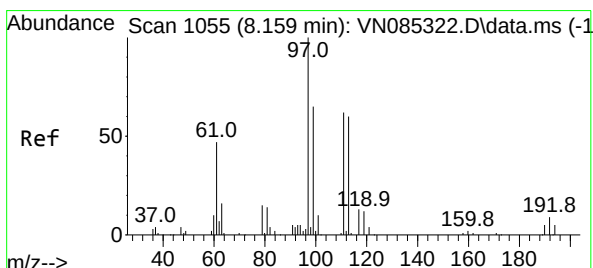
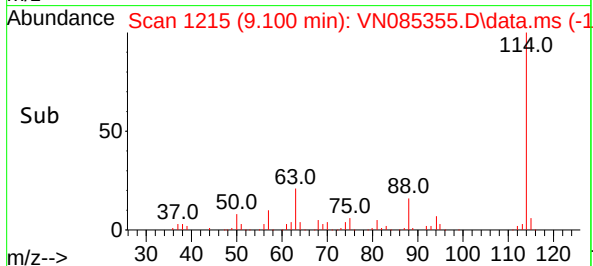
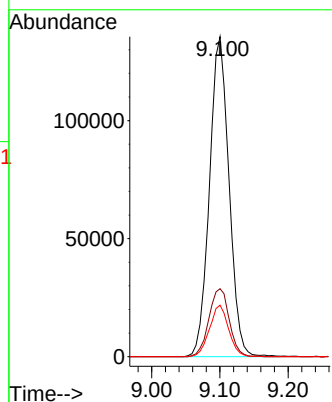
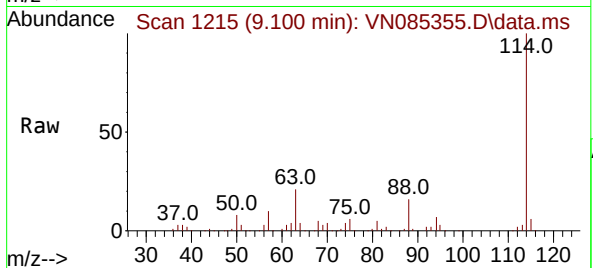
Tgt Ion:114 Resp: 270367

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.4

88 16.1 0.0 33.6



#35

Dibromofluoromethane

Concen: 54.974 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085355.D

Acq: 30 Dec 2024 19:15

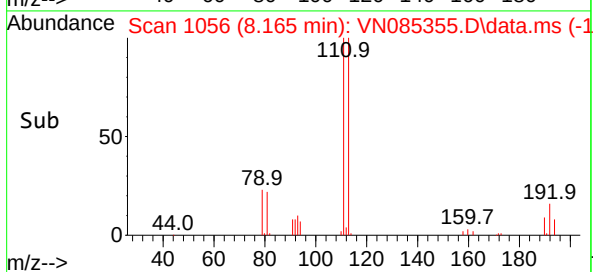
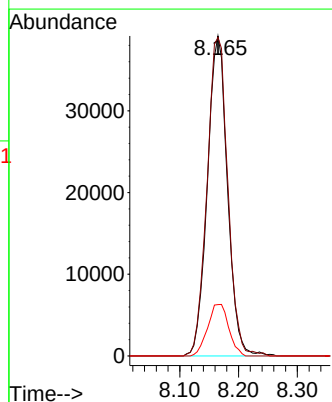
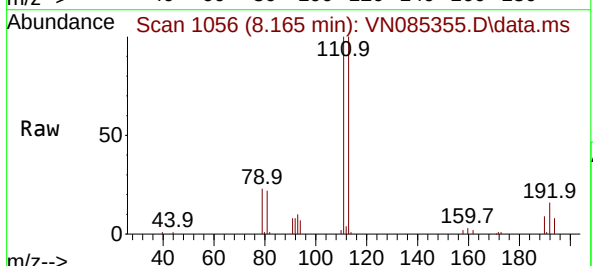
Tgt Ion:113 Resp: 92724

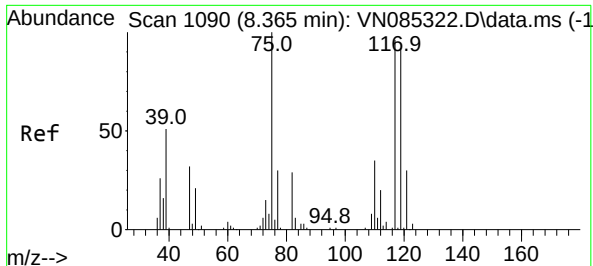
Ion Ratio Lower Upper

113 100

111 103.1 80.5 120.7

192 17.0 12.9 19.3





#36

1,1-Dichloropropene

Concen: 5.599 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085355.D

Acq: 30 Dec 2024 19:15

Instrument :

MSVOA_N

ClientSampleId :

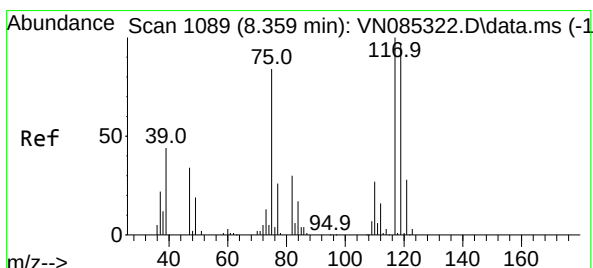
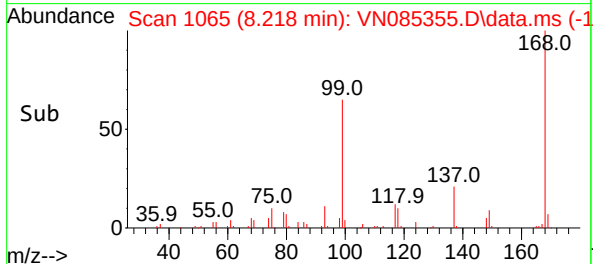
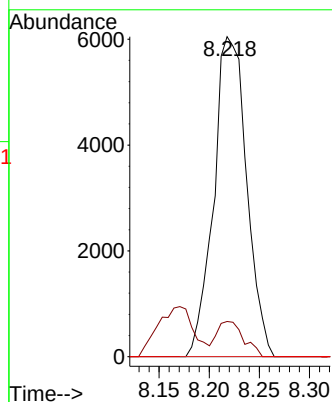
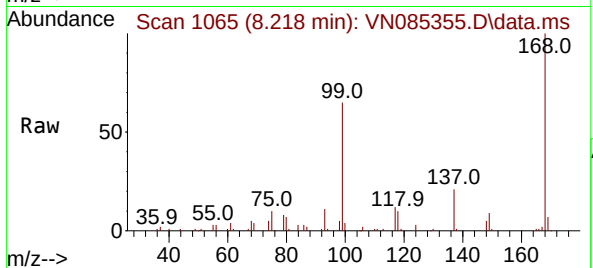
Tgt Ion: 75 Resp: 13828

Ion Ratio Lower Upper

75 100

110 9.0 16.6 49.8#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 5.979 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN085355.D

Acq: 30 Dec 2024 19:15

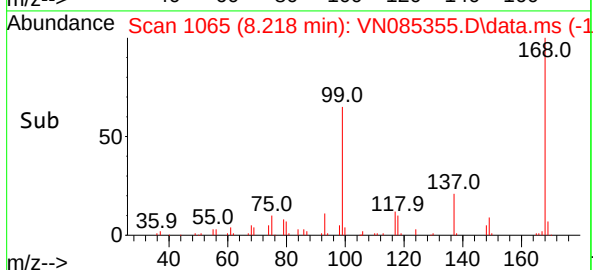
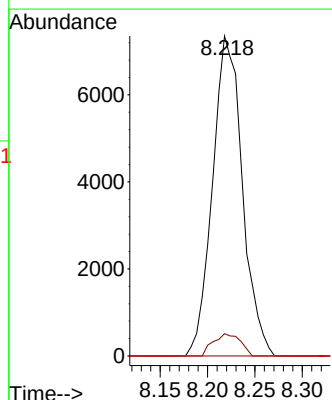
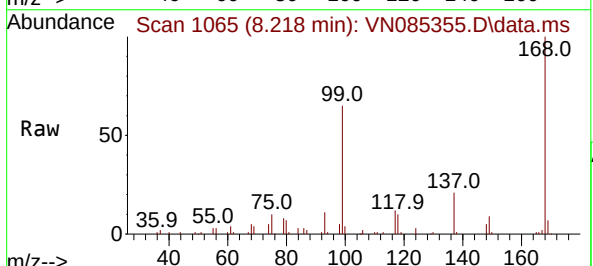
Tgt Ion: 117 Resp: 16095

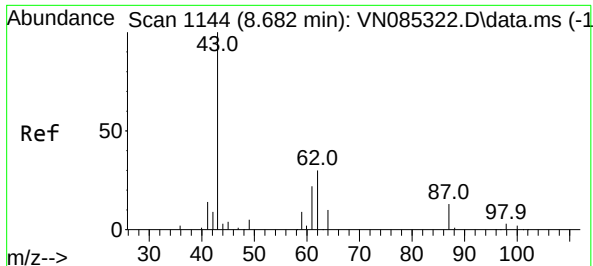
Ion Ratio Lower Upper

117 100

119 6.9 77.8 116.6#

121 0.0 22.5 33.7#

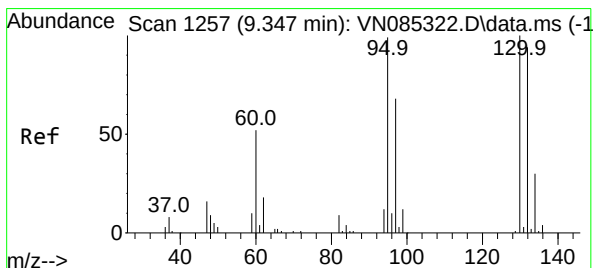
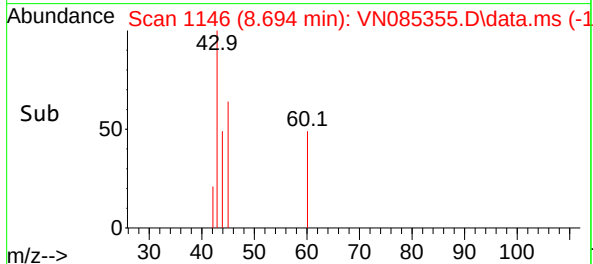
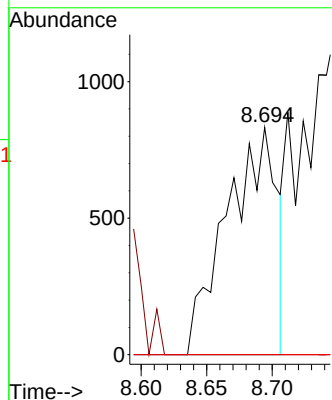
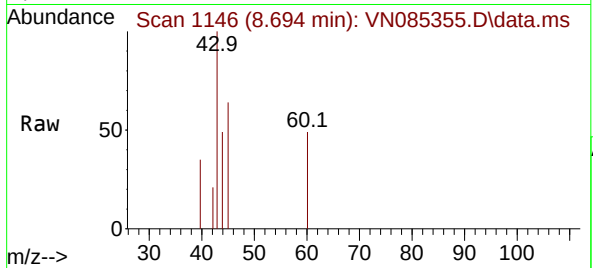




#43
Isopropyl Acetate
Concen: 0.545 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.012 min
Lab File: VN085355.D
Acq: 30 Dec 2024 19:15

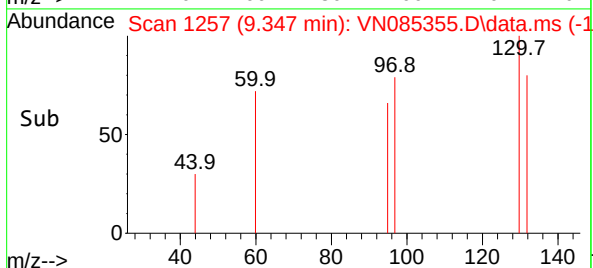
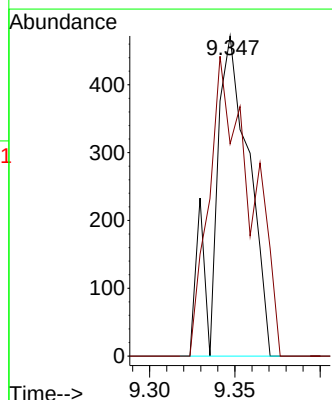
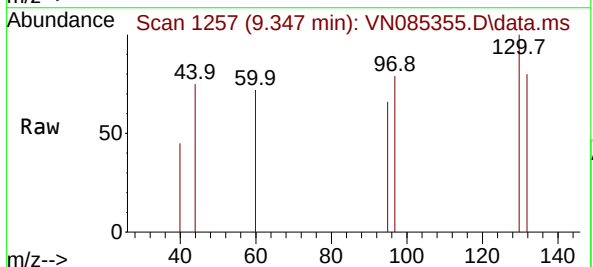
Instrument :
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ClientSampleId :

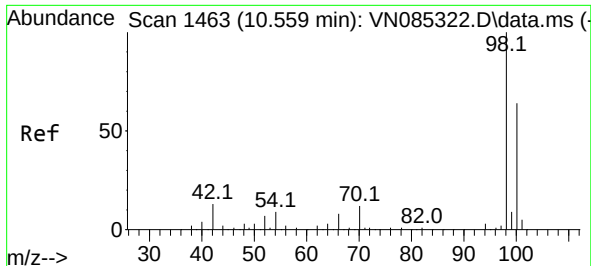
Tgt Ion: 43 Resp: 2201
Ion Ratio Lower Upper
43 100
61 0.0 20.8 31.2#
87 0.0 10.2 15.4#



#44
Trichloroethene
Concen: 0.374 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085355.D
Acq: 30 Dec 2024 19:15

Tgt Ion:130 Resp: 661
Ion Ratio Lower Upper
130 100
95 66.3 0.0 197.8

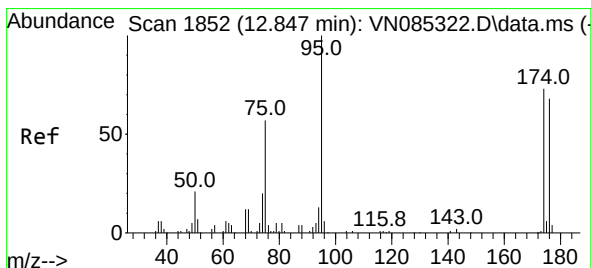
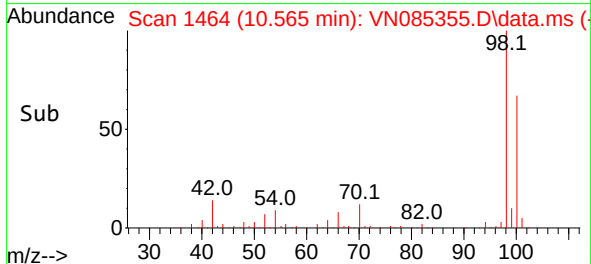
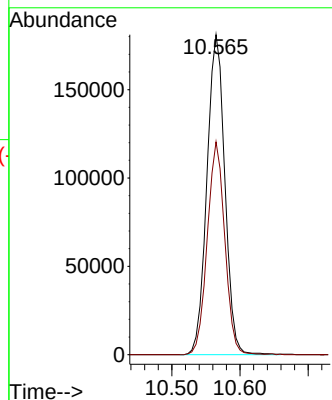
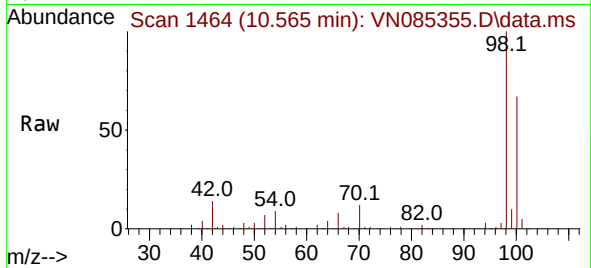




#50
Toluene-d8
Concen: 53.563 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085355.D
Acq: 30 Dec 2024 19:15

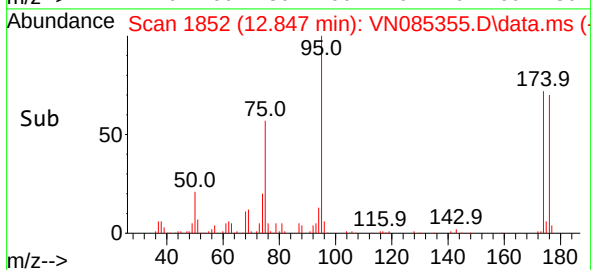
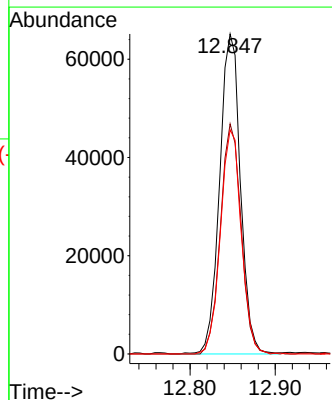
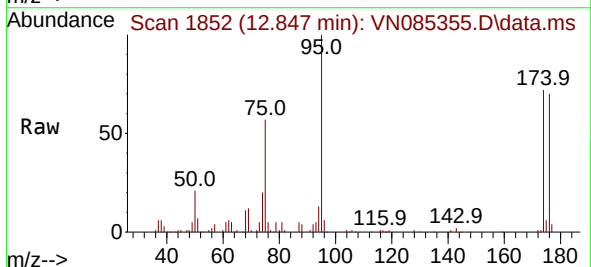
Instrument :
MSVOA_N
ClientSampleId :

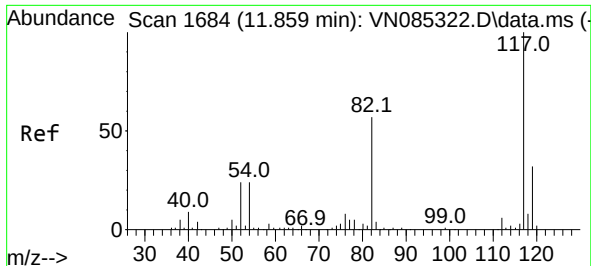
Tgt Ion: 98 Resp: 331526
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 53.737 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085355.D
Acq: 30 Dec 2024 19:15

Tgt Ion: 95 Resp: 110460
Ion Ratio Lower Upper
95 100
174 71.6 0.0 143.2
176 70.2 0.0 135.8

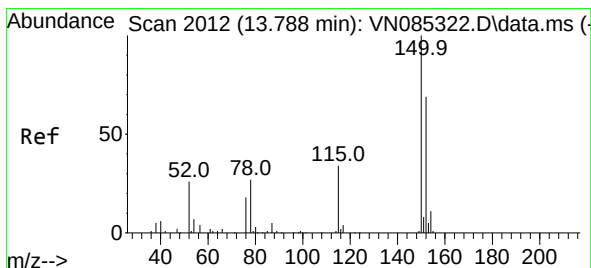
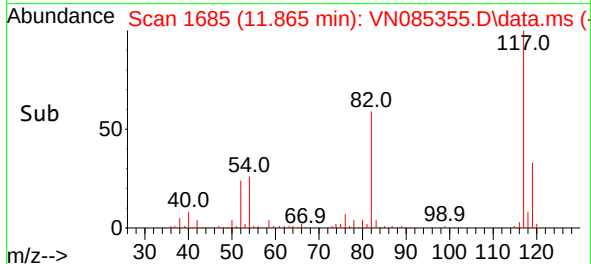
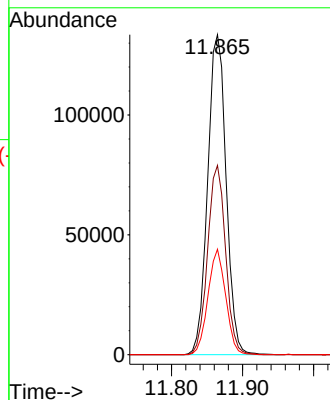
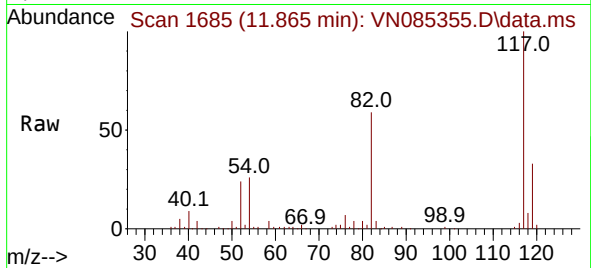




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085355.D
Acq: 30 Dec 2024 19:15

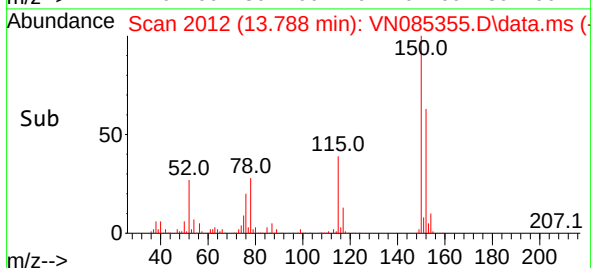
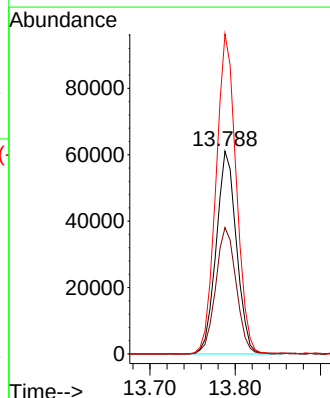
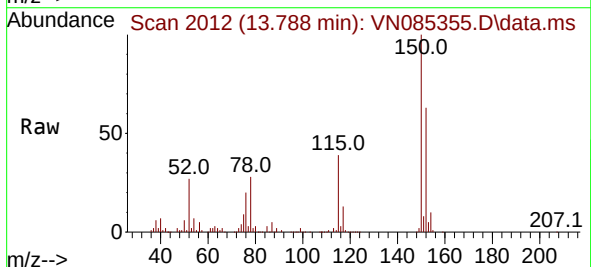
Instrument :
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ClientSampleId :

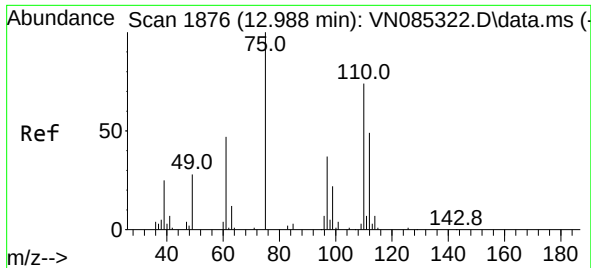
Tgt Ion:117 Resp: 241398
Ion Ratio Lower Upper
117 100
82 59.2 45.7 68.5
119 33.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085355.D
Acq: 30 Dec 2024 19:15

Tgt Ion:152 Resp: 100713
Ion Ratio Lower Upper
152 100
115 63.2 30.4 91.3
150 157.8 0.0 345.0

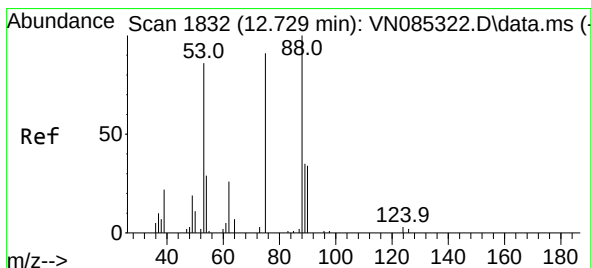
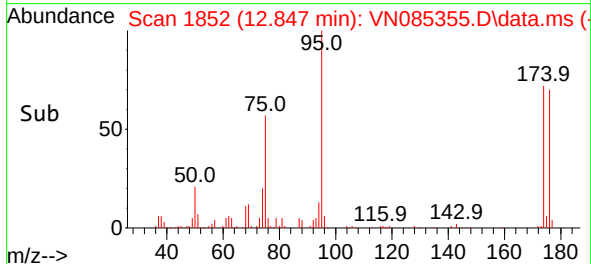
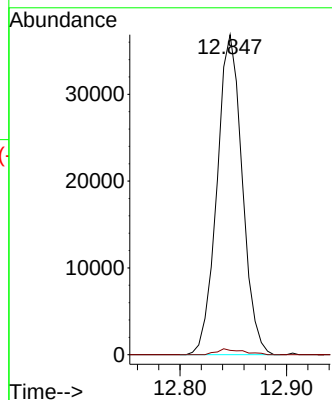
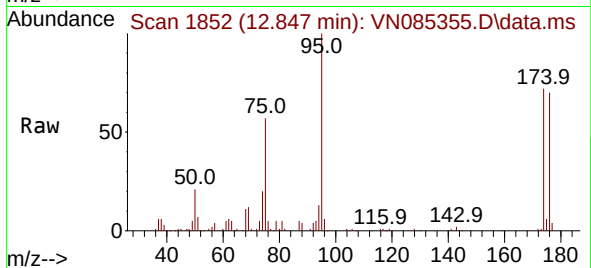




#76
1,2,3-Trichloropropane
Concen: 32.232 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085355.D
Acq: 30 Dec 2024 19:15

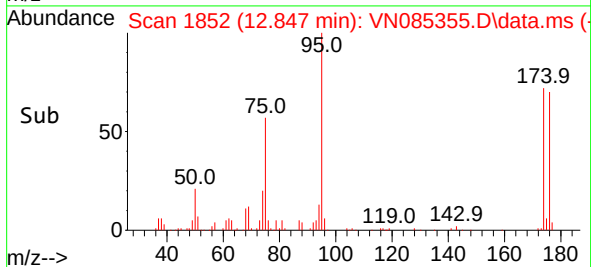
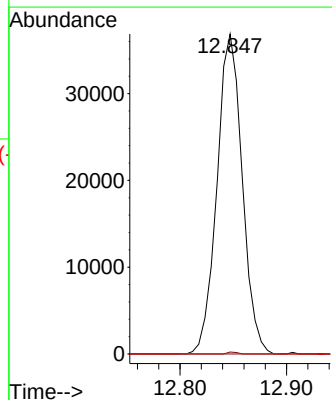
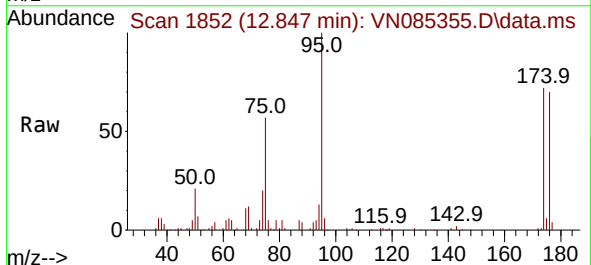
Instrument :
MSVOA_N
ClientSampleId :

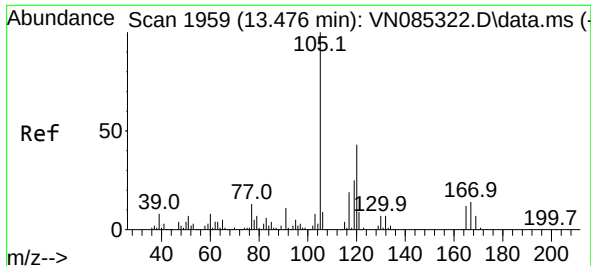
Tgt Ion: 75 Resp: 60619
Ion Ratio Lower Upper
75 100
77 1.9 98.1 294.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.191 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.118 min
Lab File: VN085355.D
Acq: 30 Dec 2024 19:15

Tgt Ion: 75 Resp: 60619
Ion Ratio Lower Upper
75 100
53 0.2 80.0 120.0#
89 0.0 35.8 53.8#

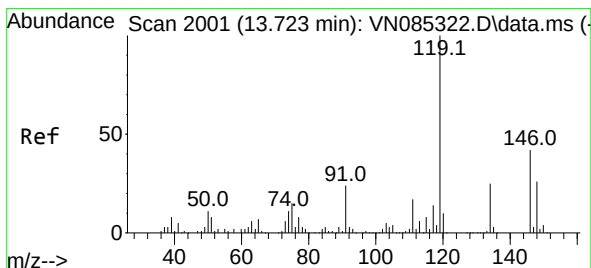
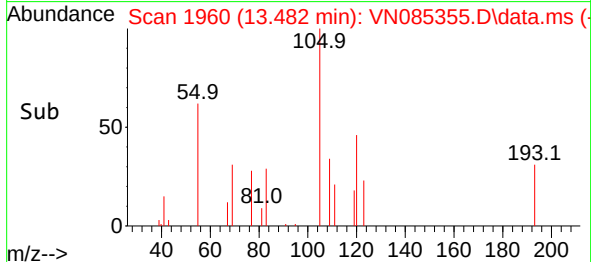
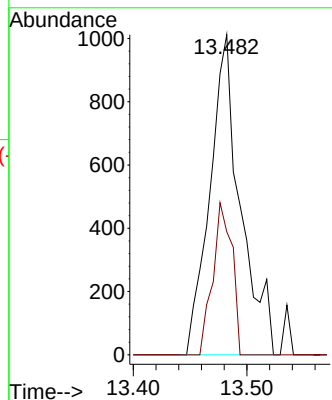
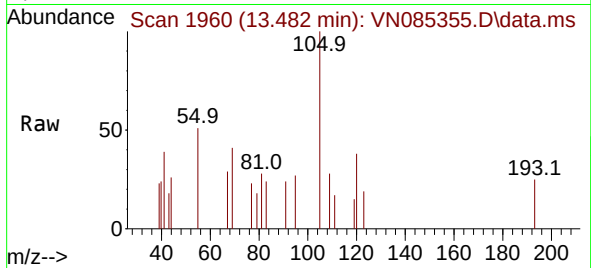




#84
1,2,4-Trimethylbenzene
Concen: 0.324 ug/l
RT: 13.482 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VN085355.D
Acq: 30 Dec 2024 19:15

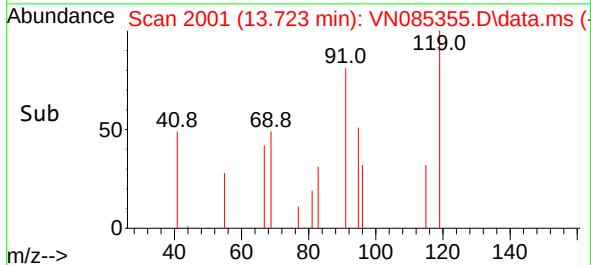
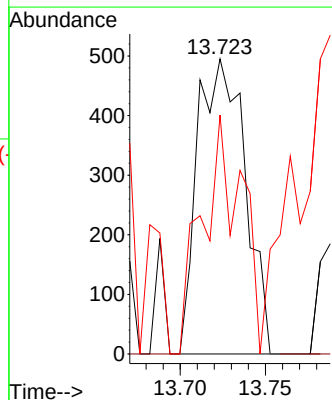
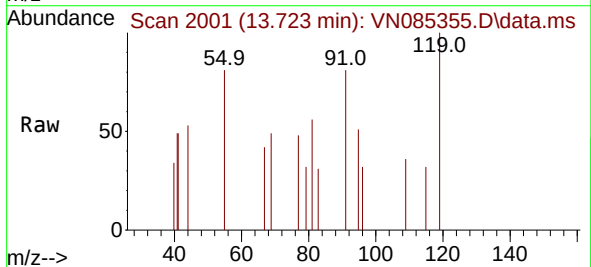
Instrument :
MSVOA_N
ClientSampleId :

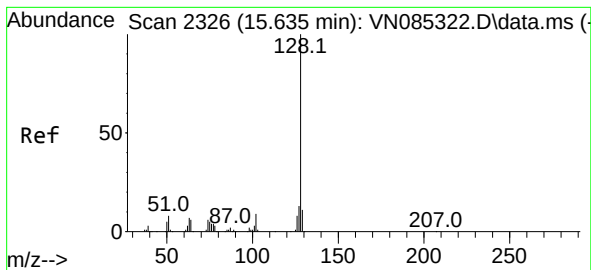
Tgt Ion:105 Resp: 1888
Ion Ratio Lower Upper
105 100
120 29.9 21.7 65.1



#86
p-Isopropyltoluene
Concen: 0.354 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN085355.D
Acq: 30 Dec 2024 19:15

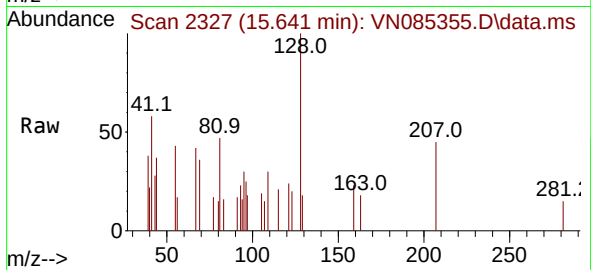
Tgt Ion:119 Resp: 961
Ion Ratio Lower Upper
119 100
134 0.0 12.5 37.5#
91 66.8 12.2 36.4#





#95
Naphthalene
Concen: 0.470 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN085355.D
Acq: 30 Dec 2024 19:15

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 2467
Ion Ratio Lower Upper
128 100
127 2.6 10.6 16.0#
129 17.1 8.5 12.7#

