

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
 Data File : VN084124.D
 Acq On : 24 Sep 2024 10:57
 Operator : JC\MD
 Sample : VN0924WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBL01

Quant Time: Sep 25 01:29:47 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)

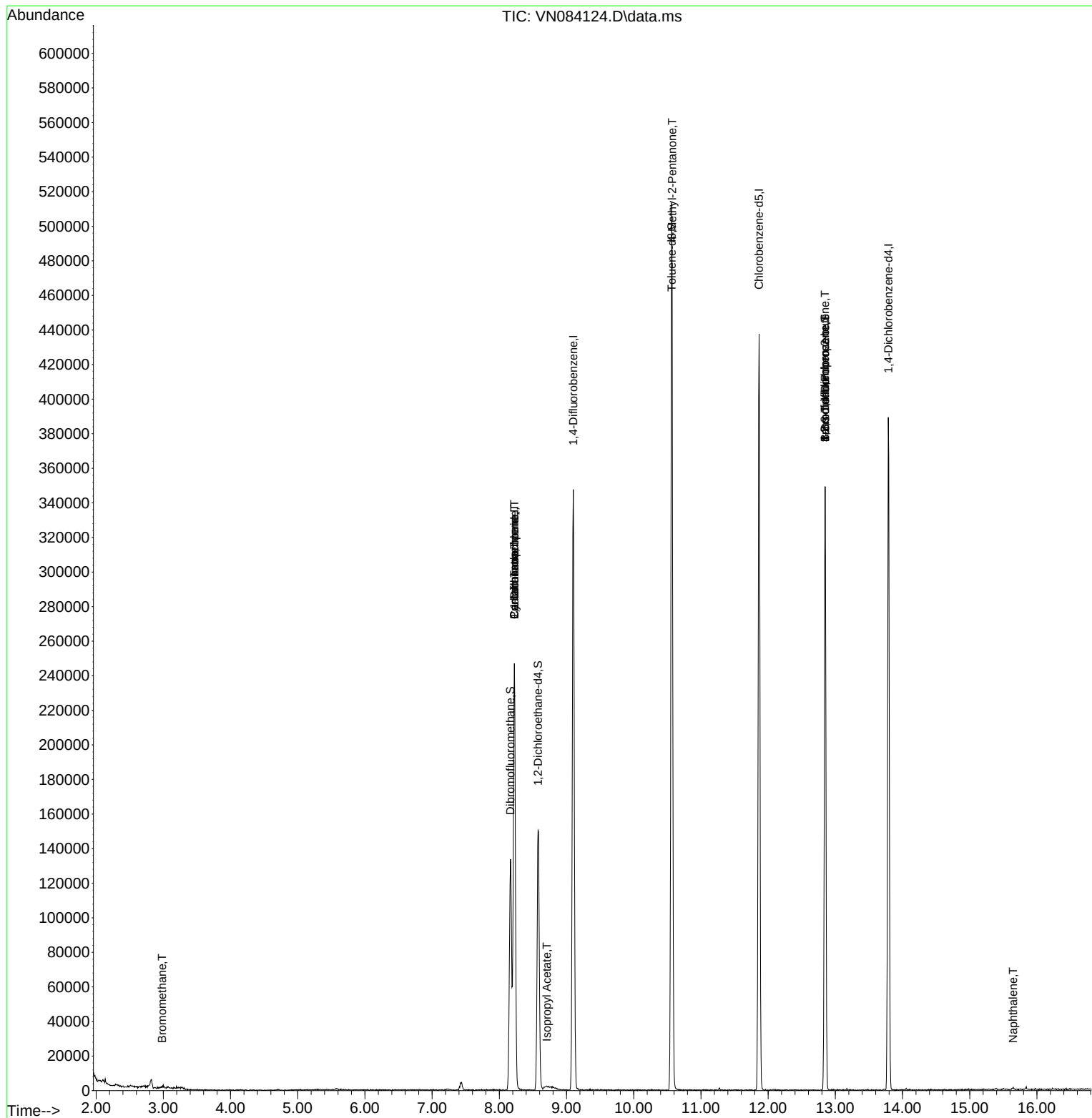
Internal Standards						
1) Pentafluorobenzene	8.224	168	167229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	288254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	241982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	98488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127055	50.387	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.780%	
35) Dibromofluoromethane	8.165	113	94453	51.184	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.360%	
50) Toluene-d8	10.565	98	341384	53.512	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.020%	
62) 4-Bromofluorobenzene	12.847	95	119557	45.424	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 90.840%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	199	Below Cal	#	41
5) Bromomethane	2.983	94	357	0.292	ug/l #	2
31) Cyclohexane	8.224	56	4507	1.237	ug/l #	44
36) 1,1-Dichloropropene	8.224	75	15385	5.539	ug/l #	50
38) Carbon Tetrachloride	8.224	117	18976	6.022	ug/l #	16
43) Isopropyl Acetate	8.706	43	2736	0.599	ug/l #	57
51) 4-Methyl-2-Pentanone	10.571	43	1650	0.663	ug/l #	1
71) Bromoform	12.847	173	851	0.677	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	65039	32.727	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	65039	85.716	ug/l #	9
95) Naphthalene	15.647	128	1743	0.320	ug/l #	69

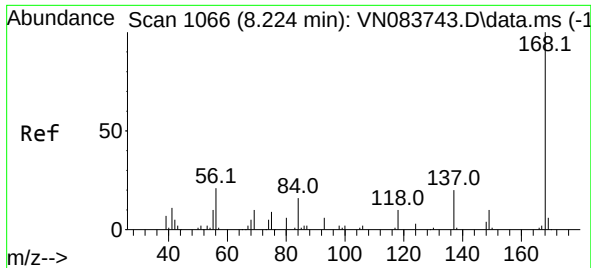
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
Data File : VN084124.D
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Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

Quant Time: Sep 25 01:29:47 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

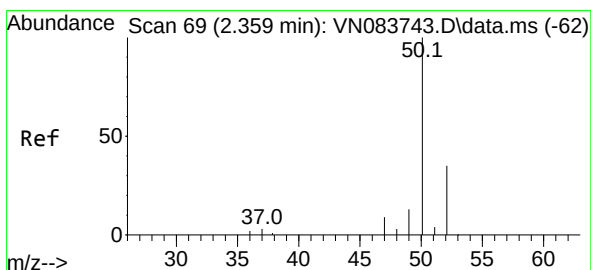
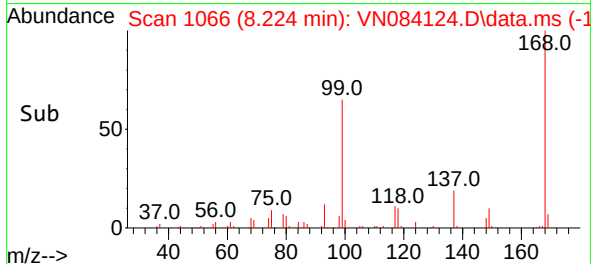
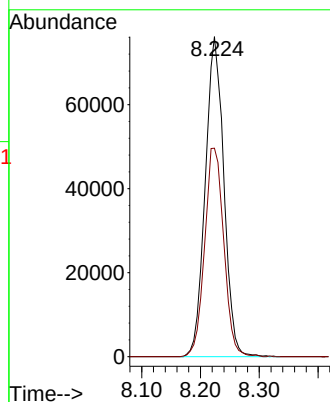
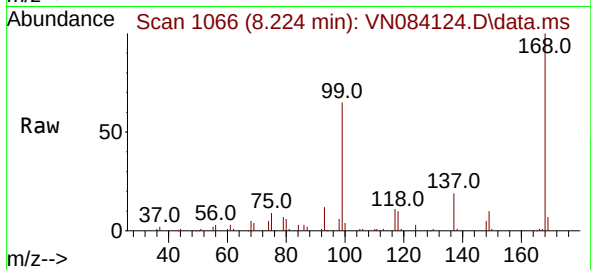




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084124.D
Acq: 24 Sep 2024 10:57

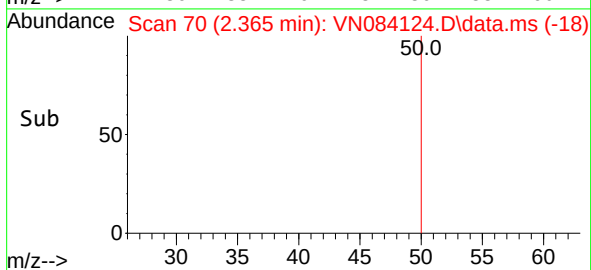
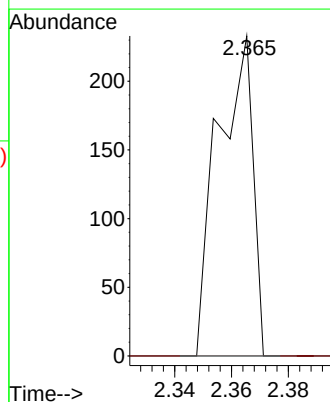
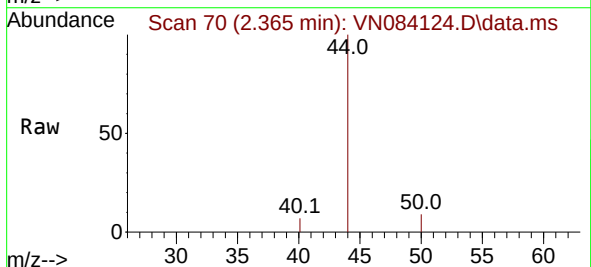
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

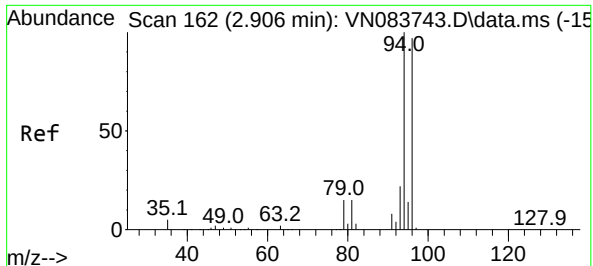
Tgt Ion:168 Resp: 167229
Ion Ratio Lower Upper
168 100
99 65.2 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084124.D
Acq: 24 Sep 2024 10:57

Tgt Ion: 50 Resp: 199
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

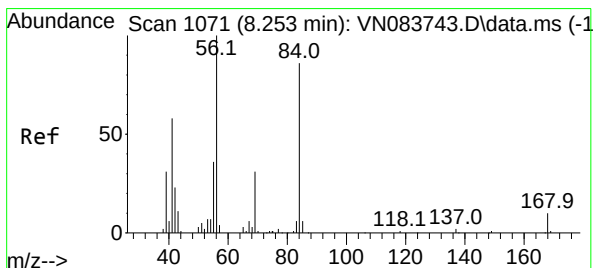
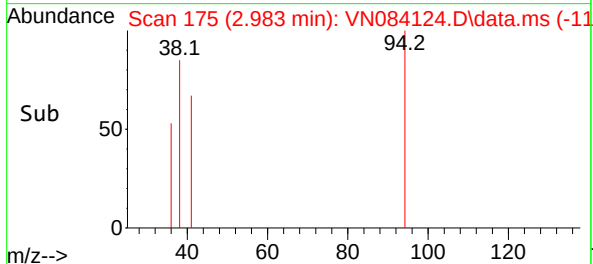
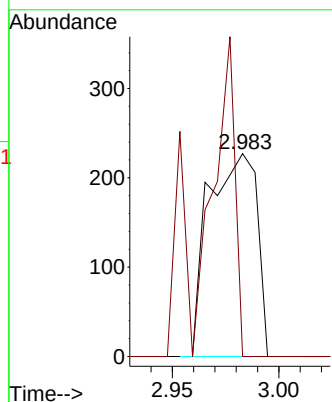
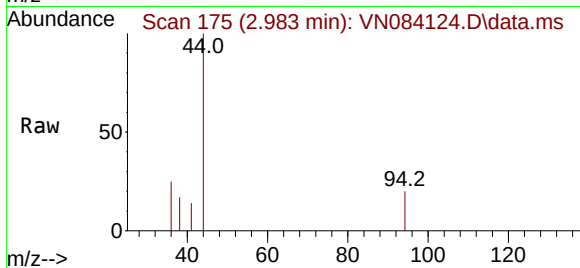




#5
Bromomethane
Concen: 0.292 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.077 min
Lab File: VN084124.D
Acq: 24 Sep 2024 10:57

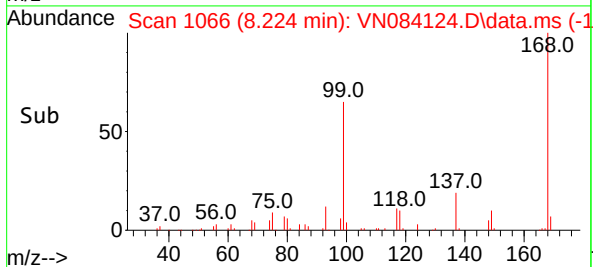
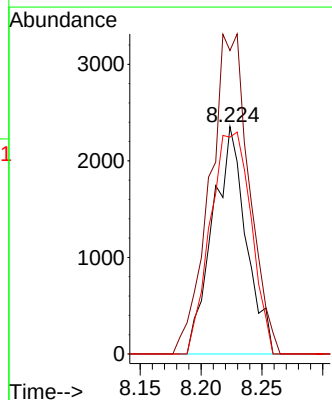
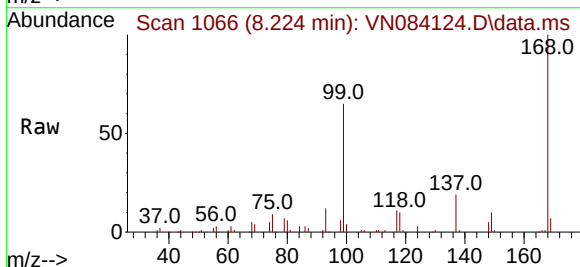
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

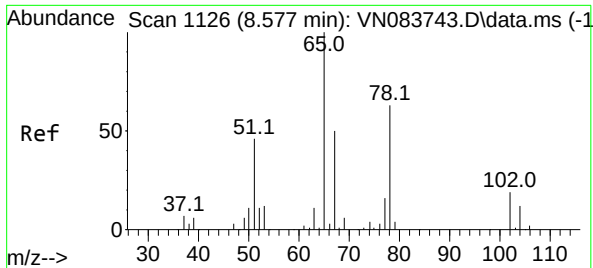
Tgt Ion: 94 Resp: 357
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#31
Cyclohexane
Concen: 1.237 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084124.D
Acq: 24 Sep 2024 10:57

Tgt Ion: 56 Resp: 4507
Ion Ratio Lower Upper
56 100
69 133.4 26.9 40.3#
84 95.3 69.2 103.8

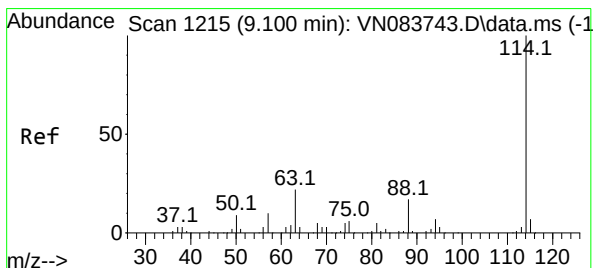
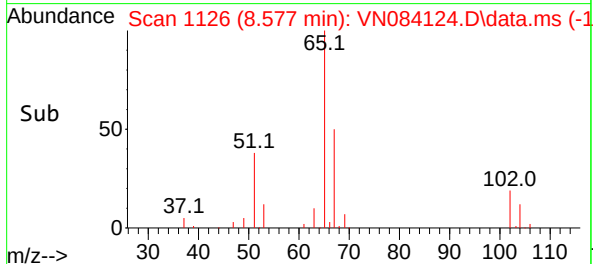
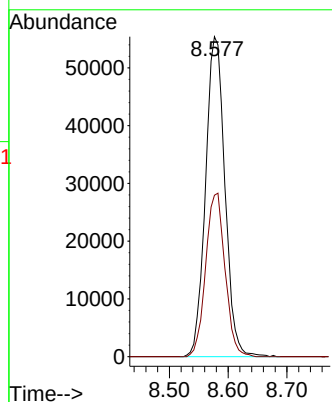
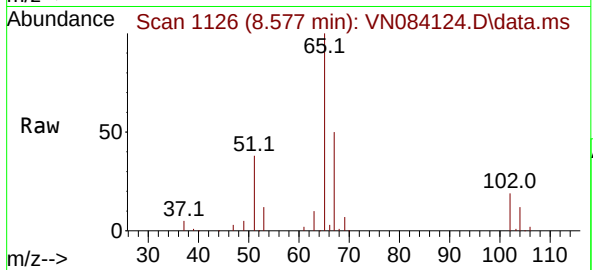




#33
 1,2-Dichloroethane-d4
 Concen: 50.387 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN084124.D
 Acq: 24 Sep 2024 10:57

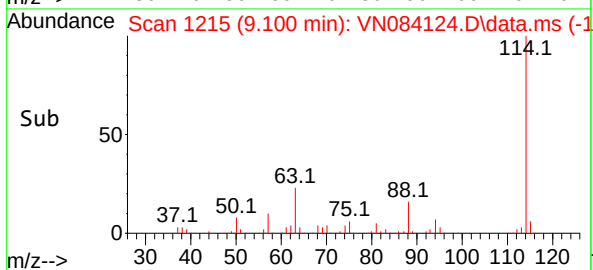
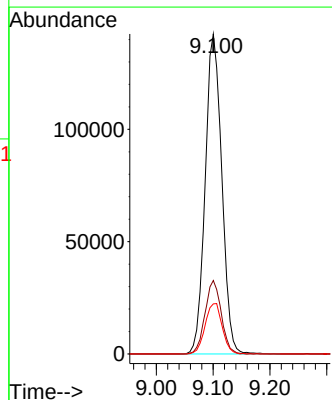
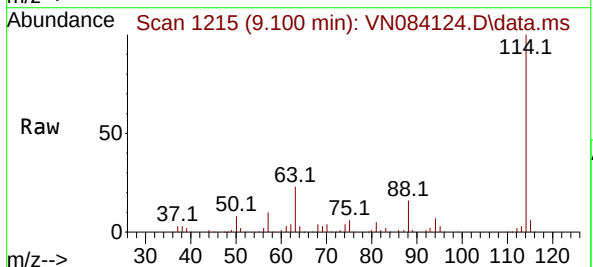
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBL01

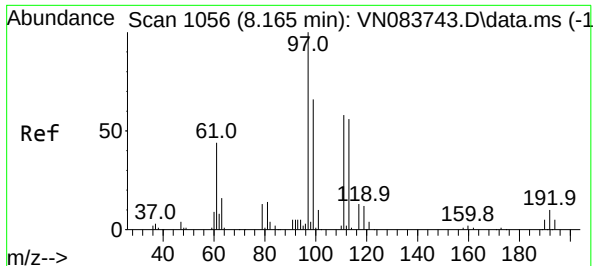
Tgt Ion: 65 Resp: 127055
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084124.D
 Acq: 24 Sep 2024 10:57

Tgt Ion: 114 Resp: 288254
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 43.4
 88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.184 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084124.D

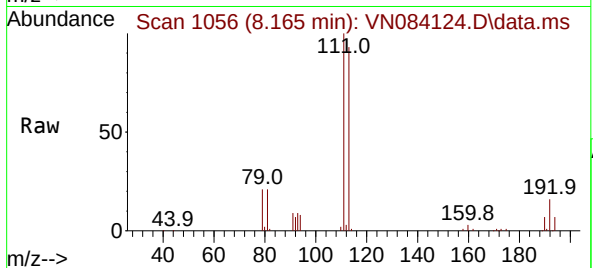
Acq: 24 Sep 2024 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBL01



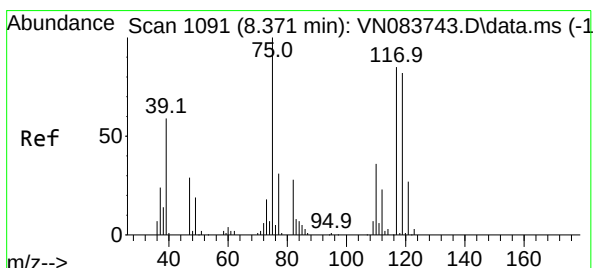
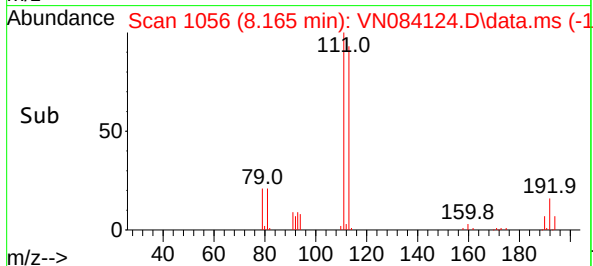
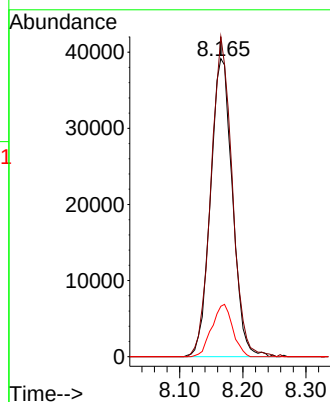
Tgt Ion:113 Resp: 94453

Ion Ratio Lower Upper

113 100

111 103.9 82.6 124.0

192 16.7 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.539 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084124.D

Acq: 24 Sep 2024 10:57

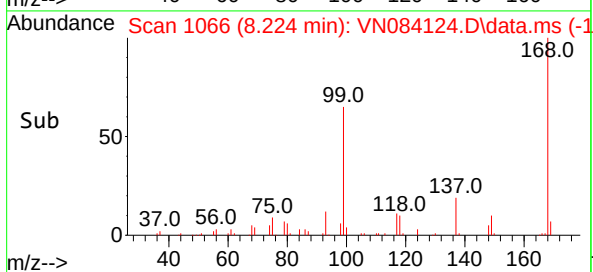
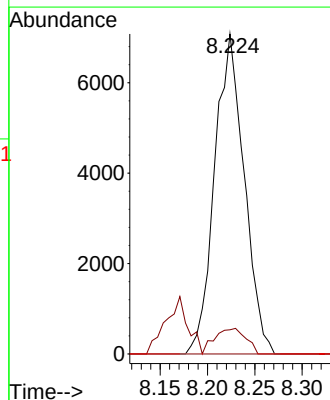
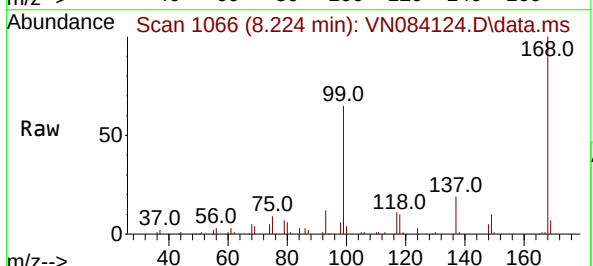
Tgt Ion: 75 Resp: 15385

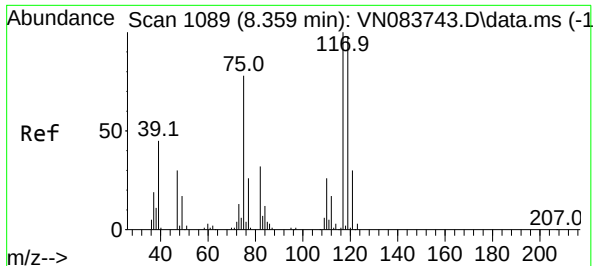
Ion Ratio Lower Upper

75 100

110 8.4 16.7 50.1#

77 0.0 25.2 37.8#

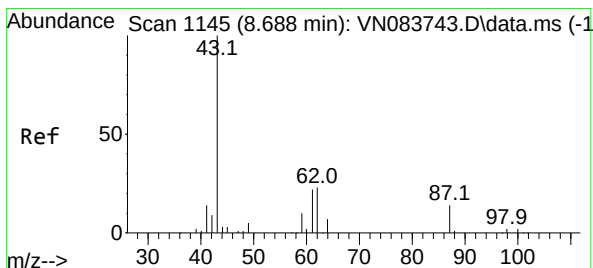
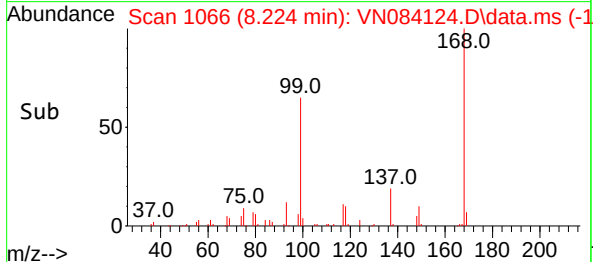
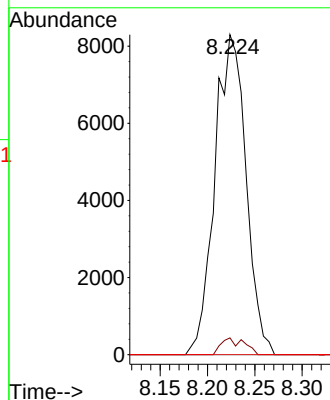
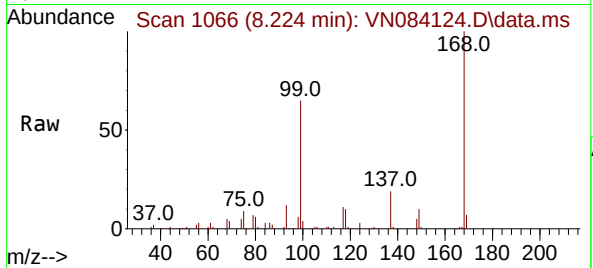




#38
Carbon Tetrachloride
Concen: 6.022 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN084124.D
Acq: 24 Sep 2024 10:57

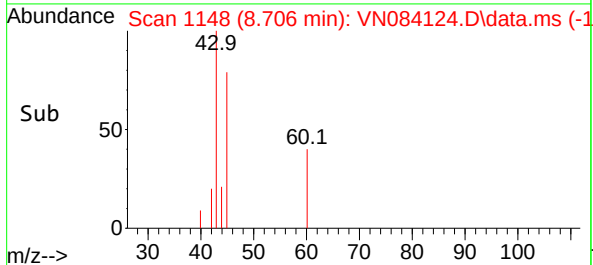
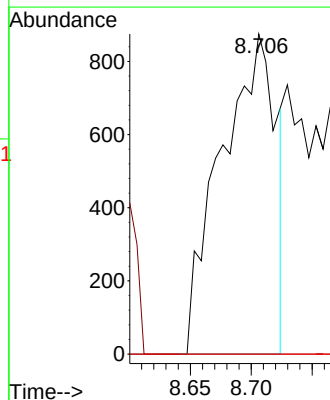
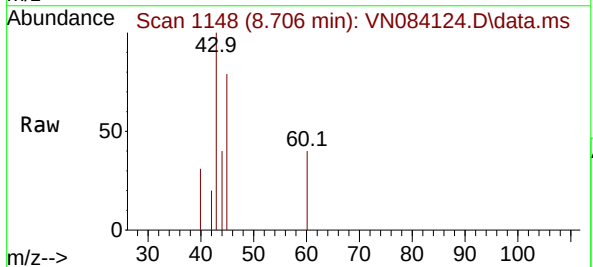
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

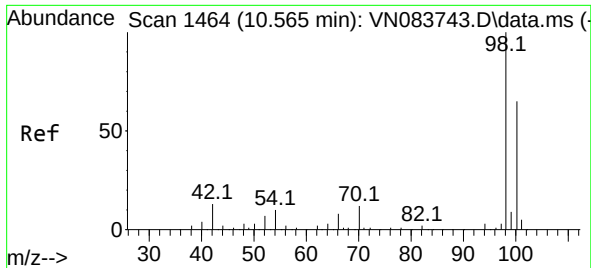
Tgt Ion:117 Resp: 18976
Ion Ratio Lower Upper
117 100
119 5.3 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 0.599 ug/l
RT: 8.706 min Scan# 1148
Delta R.T. 0.018 min
Lab File: VN084124.D
Acq: 24 Sep 2024 10:57

Tgt Ion: 43 Resp: 2736
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

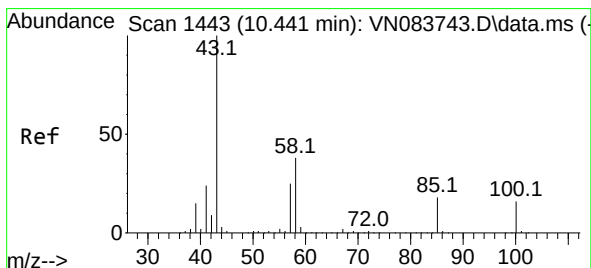
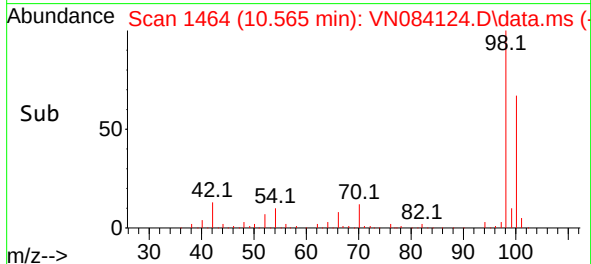
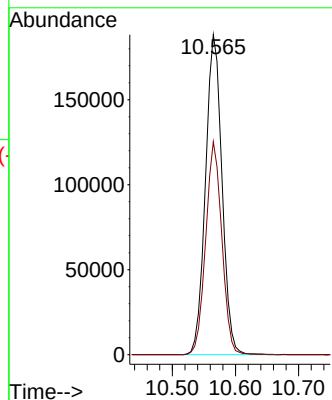
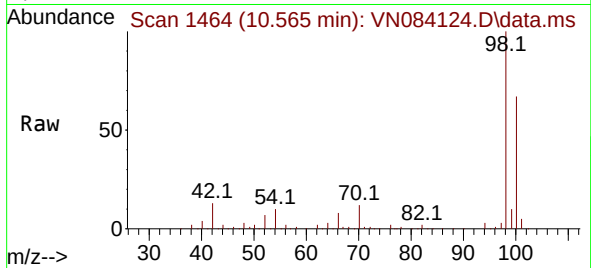




#50
Toluene-d8
Concen: 53.512 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084124.D
Acq: 24 Sep 2024 10:57

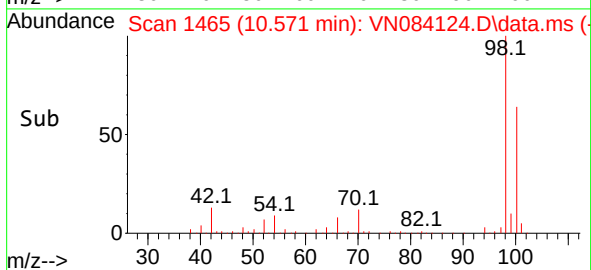
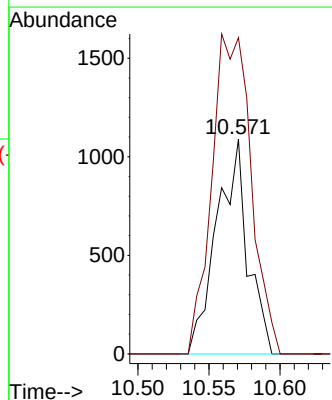
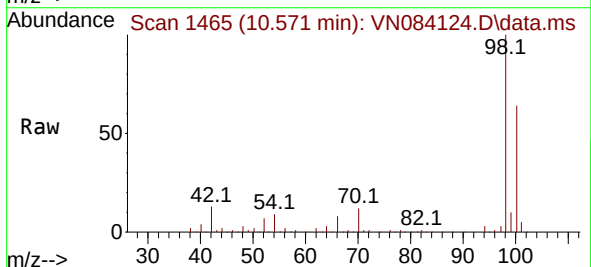
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

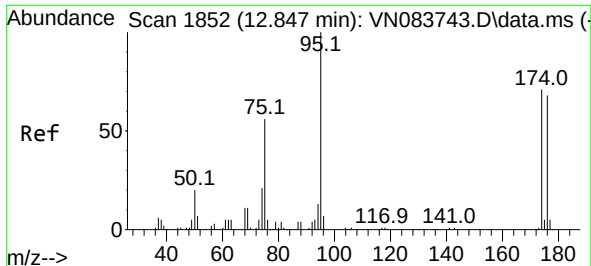
Tgt Ion: 98 Resp: 341384
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.663 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.129 min
Lab File: VN084124.D
Acq: 24 Sep 2024 10:57

Tgt Ion: 43 Resp: 1650
Ion Ratio Lower Upper
43 100
58 189.2 31.6 47.4#

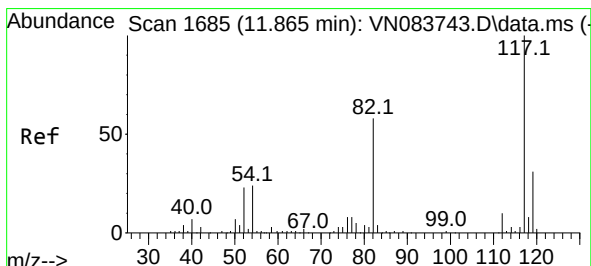
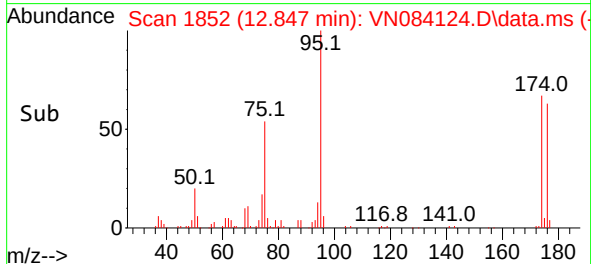
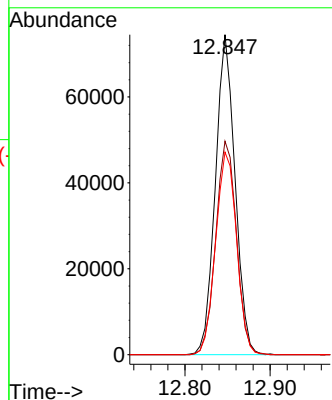
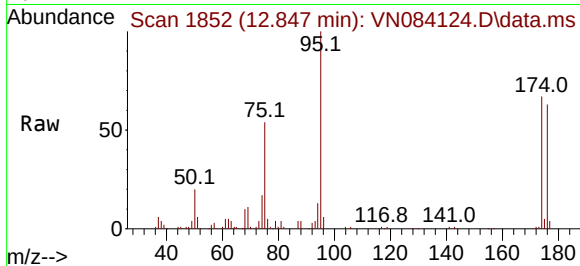




#62
4-Bromofluorobenzene
Concen: 45.424 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084124.D
Acq: 24 Sep 2024 10:57

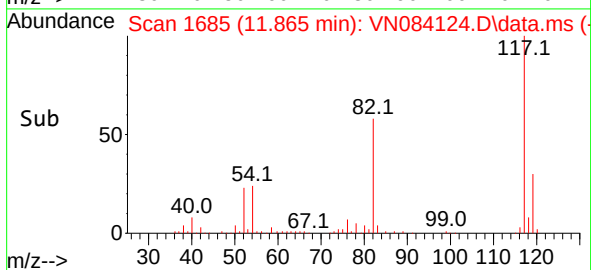
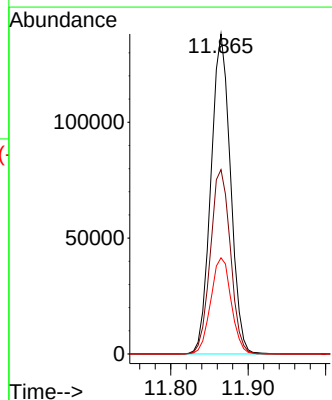
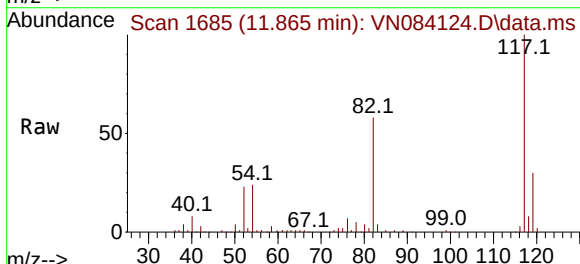
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

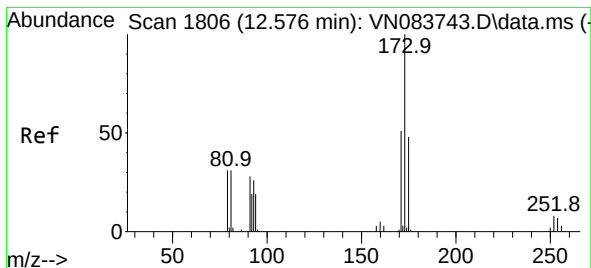
Tgt Ion: 95 Resp: 119557
Ion Ratio Lower Upper
95 100
174 70.1 0.0 139.8
176 67.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084124.D
Acq: 24 Sep 2024 10:57

Tgt Ion: 117 Resp: 241982
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.0
119 30.1 26.3 39.5





#71

Bromoform

Concen: 0.677 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.271 min

Lab File: VN084124.D

Acq: 24 Sep 2024 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBL01

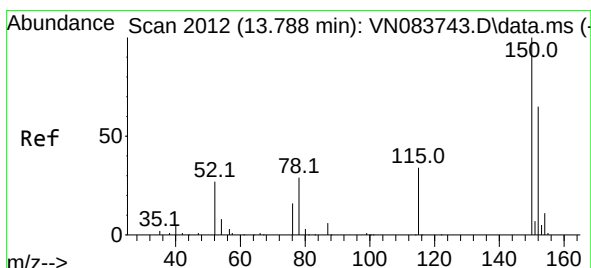
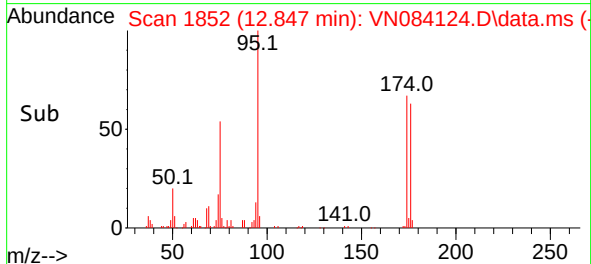
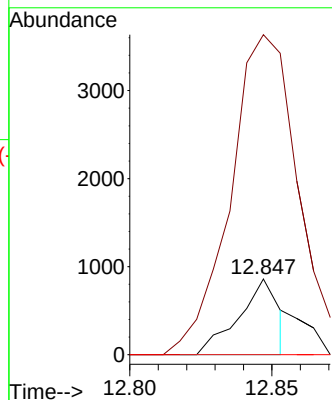
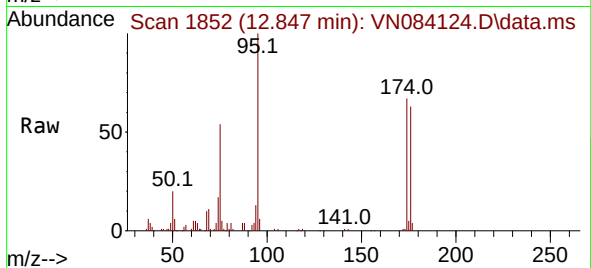
Tgt Ion:173 Resp: 851

Ion Ratio Lower Upper

173 100

175 561.2 24.1 72.2#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN084124.D

Acq: 24 Sep 2024 10:57

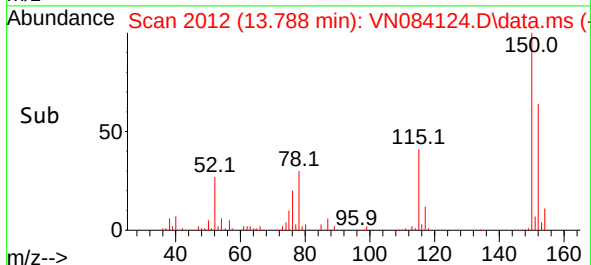
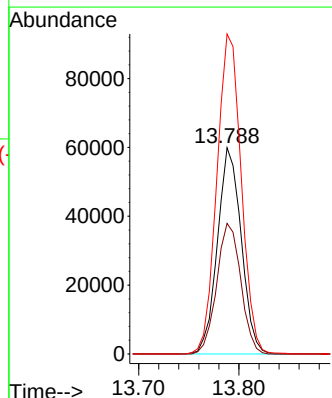
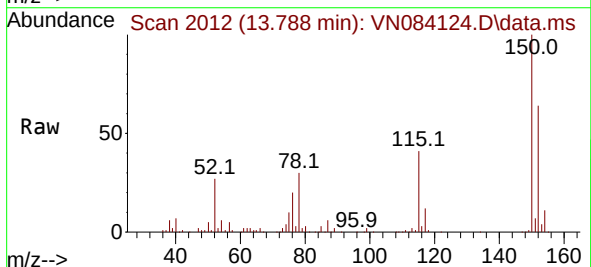
Tgt Ion:152 Resp: 98488

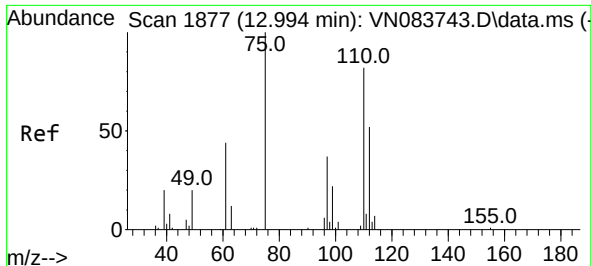
Ion Ratio Lower Upper

152 100

115 64.0 32.2 96.6

150 158.9 0.0 348.6

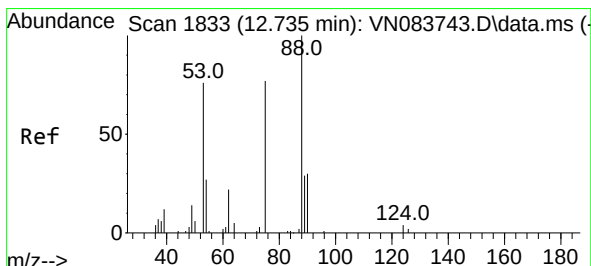
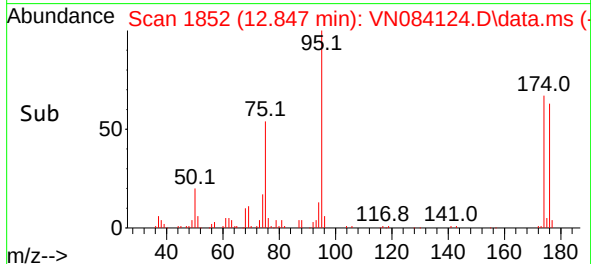
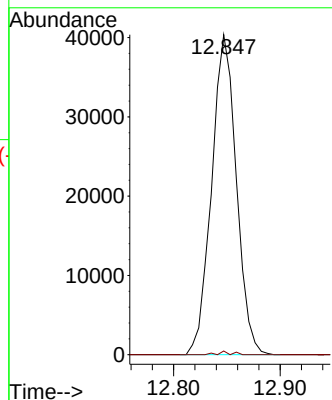
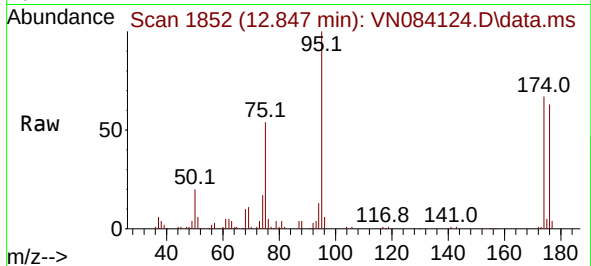




#76
1,2,3-Trichloropropane
Concen: 32.727 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN084124.D
Acq: 24 Sep 2024 10:57

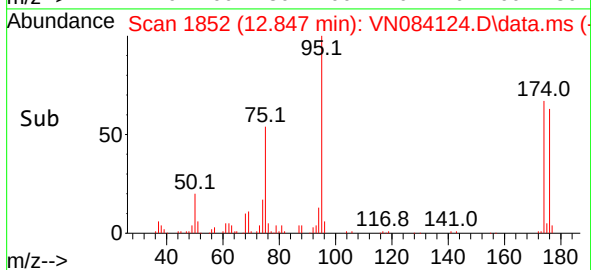
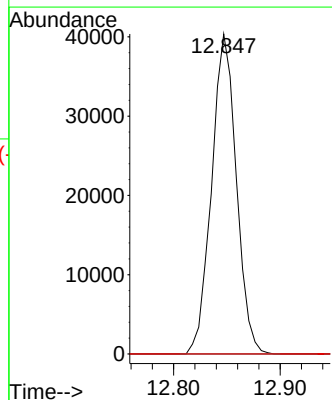
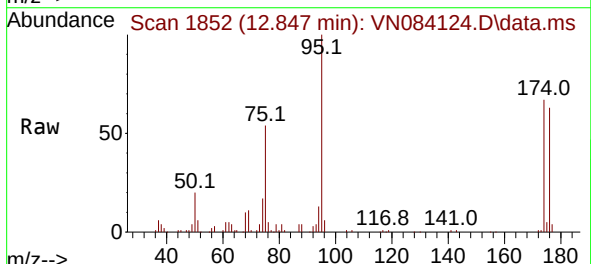
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

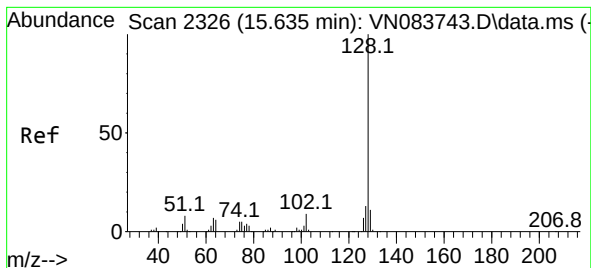
Tgt Ion: 75 Resp: 65039
Ion Ratio Lower Upper
75 100
77 0.5 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.716 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084124.D
Acq: 24 Sep 2024 10:57

Tgt Ion: 75 Resp: 65039
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#





#95

Naphthalene

Concen: 0.320 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN084124.D

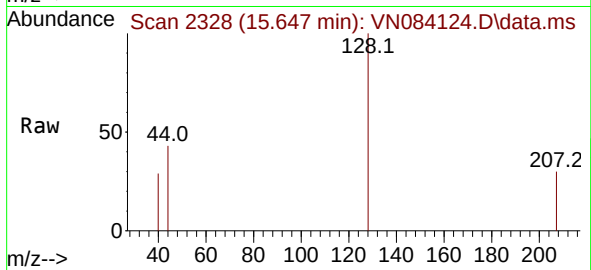
Acq: 24 Sep 2024 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBL01



Tgt Ion:128 Resp: 1743

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.7 13.1#

