

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084081.D
 Acq On : 21 Sep 2024 01:23
 Operator : JC\MD
 Sample : VN0920WBL03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 21 03:12:32 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)

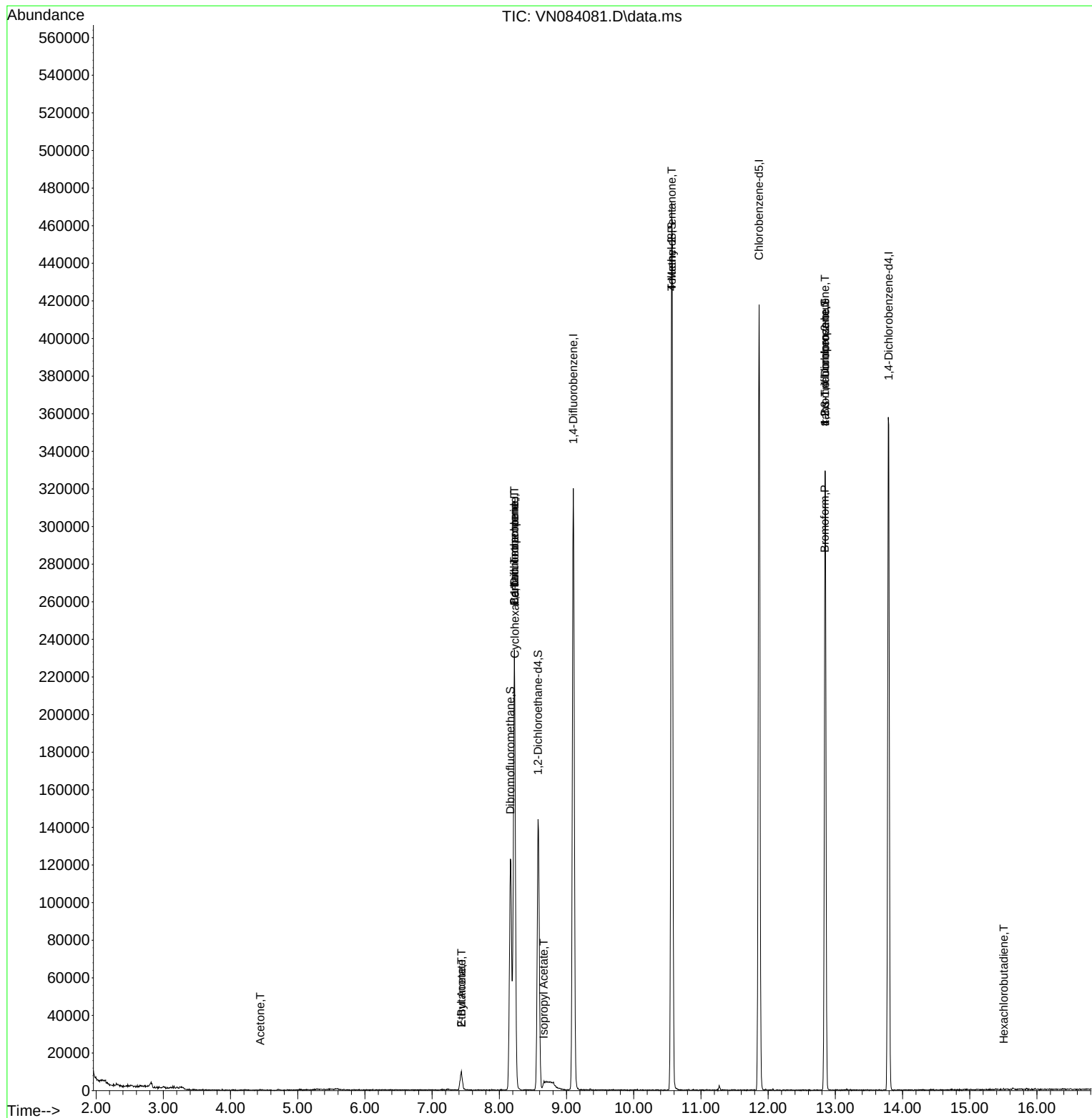
Internal Standards						
1) Pentafluorobenzene	8.224	168	152902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	223618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120766	52.381	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.760%	
35) Dibromofluoromethane	8.165	113	86299	51.439	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.880%	
50) Toluene-d8	10.565	98	318194	54.862	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.720%	
62) 4-Bromofluorobenzene	12.847	95	108507	45.345	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 90.700%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	267	Below Cal	#	41
16) Acetone	4.442	43	216	0.234	ug/l #	45
18) Methyl Acetate	5.024	43	184	Below Cal	#	52
25) 2-Butanone	7.436	43	484	0.398	ug/l #	49
31) Cyclohexane	8.230	56	4268	1.281	ug/l #	36
36) 1,1-Dichloropropene	8.224	75	14608	5.785	ug/l #	49
37) Ethyl Acetate	7.436	43	484	0.211	ug/l #	70
38) Carbon Tetrachloride	8.224	117	18085	6.313	ug/l #	17
43) Isopropyl Acetate	8.659	43	2115	0.509	ug/l #	57
51) 4-Methyl-2-Pentanone	10.565	43	1616	0.715	ug/l #	1
71) Bromoform	12.841	173	359	0.309	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	61231	32.462	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	61231	85.019	ug/l #	9
94) Hexachlorobutadiene	15.506	225	167	0.231	ug/l #	18

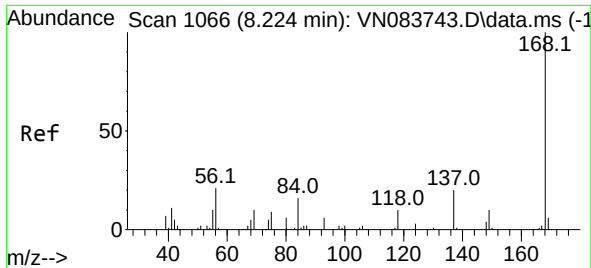
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

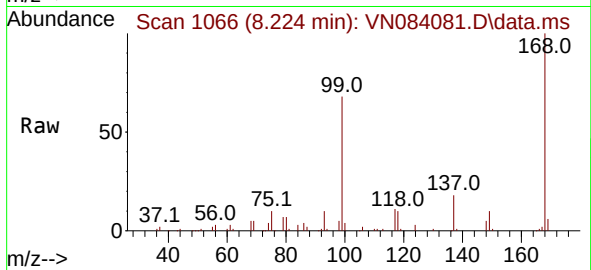
Quant Time: Sep 21 03:12:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



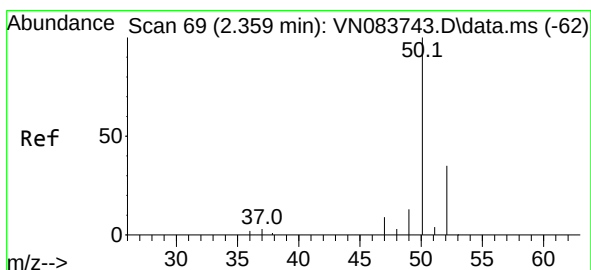
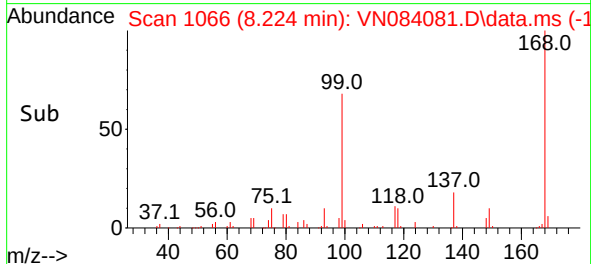
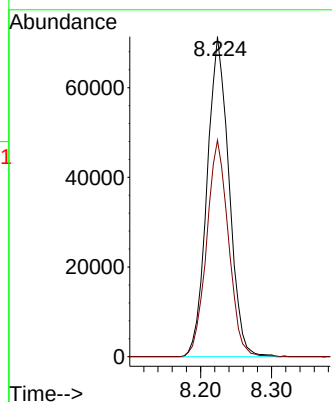


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084081.D
Acq: 21 Sep 2024 01:23

Instrument :
MSVOA_N
ClientSampleId :

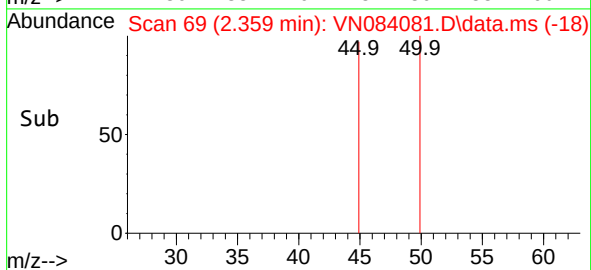
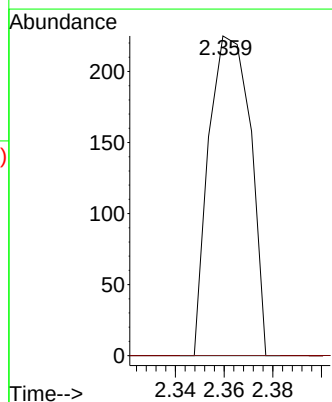
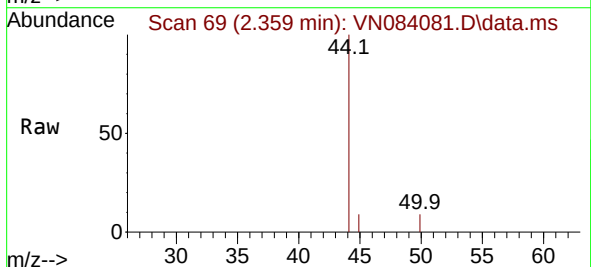


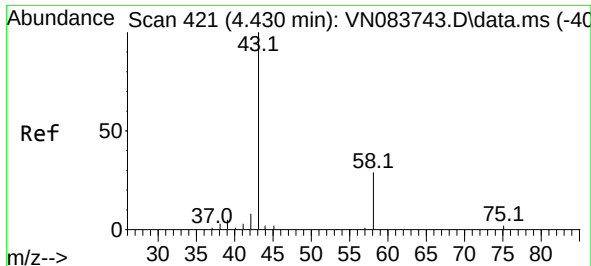
Tgt Ion:168 Resp: 152902
Ion Ratio Lower Upper
168 100
99 67.6 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084081.D
Acq: 21 Sep 2024 01:23

Tgt Ion: 50 Resp: 267
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

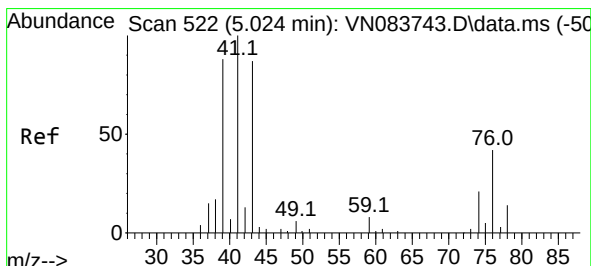
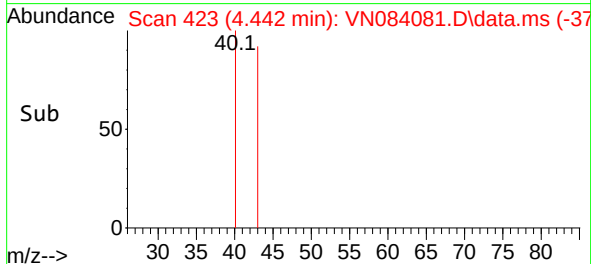
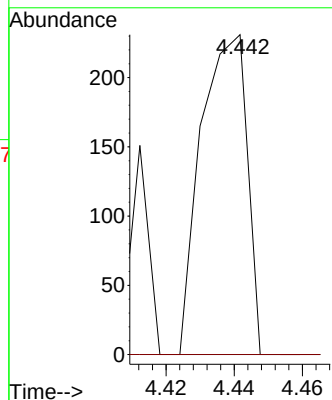
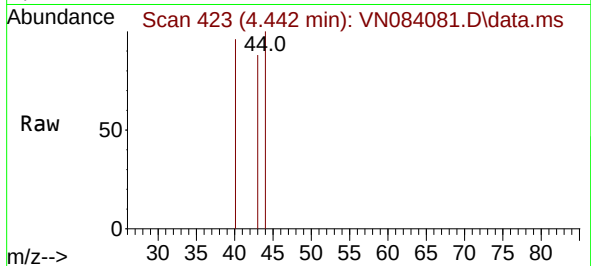




#16
Acetone
Concen: 0.234 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN084081.D
Acq: 21 Sep 2024 01:23

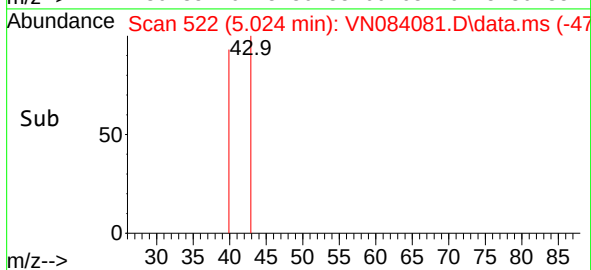
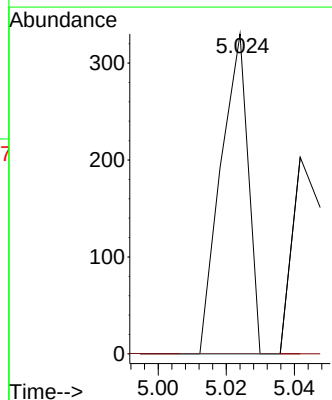
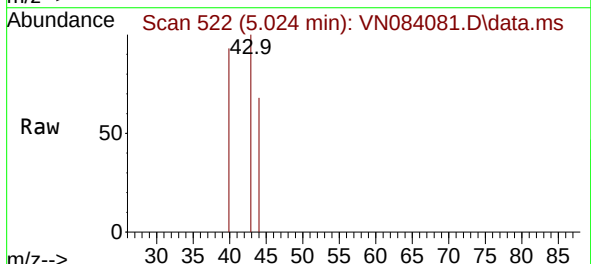
Instrument :
MSVOA_N
ClientSampleId :

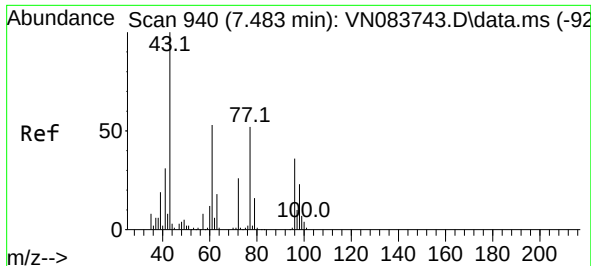
Tgt Ion: 43 Resp: 216
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN084081.D
Acq: 21 Sep 2024 01:23

Tgt Ion: 43 Resp: 184
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#

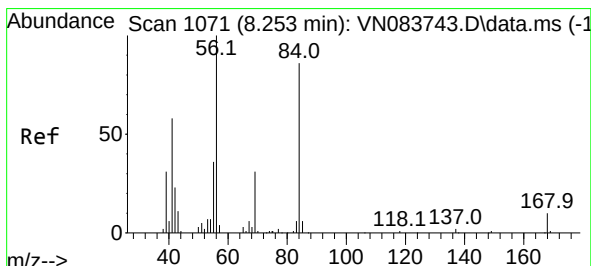
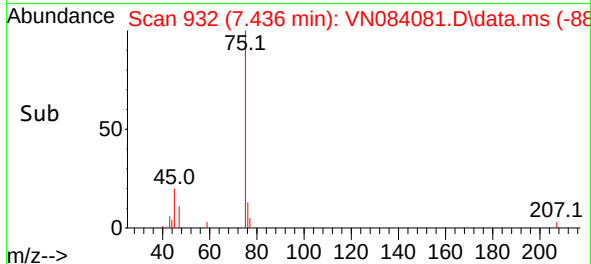
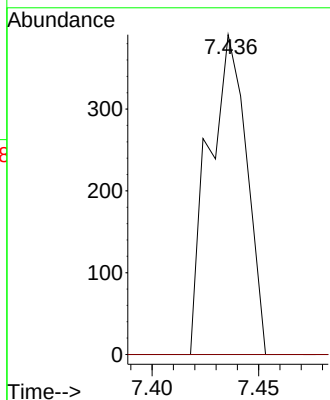
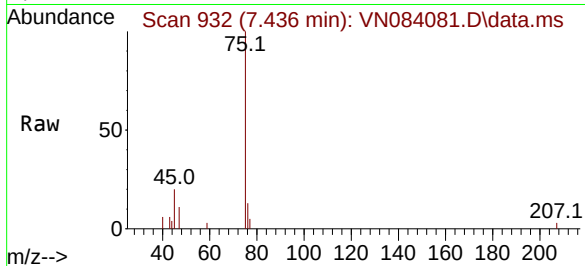




#25
2-Butanone
Concen: 0.398 ug/l
RT: 7.436 min Scan# 91
Delta R.T. -0.047 min
Lab File: VN084081.D
Acq: 21 Sep 2024 01:23

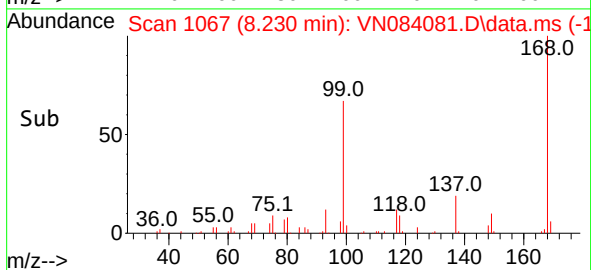
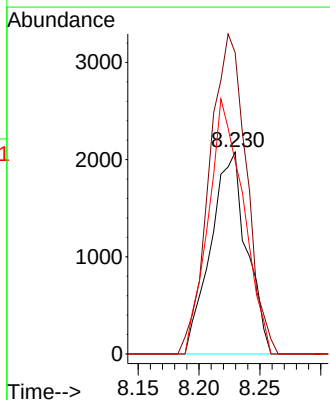
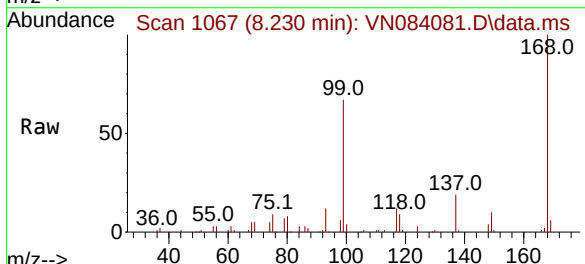
Instrument :
MSVOA_N
ClientSampleId :

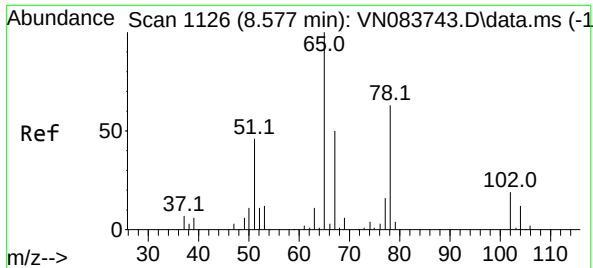
Tgt Ion: 43 Resp: 484
Ion Ratio Lower Upper
43 100
72 0.0 20.8 31.2#



#31
Cyclohexane
Concen: 1.281 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.023 min
Lab File: VN084081.D
Acq: 21 Sep 2024 01:23

Tgt Ion: 56 Resp: 4268
Ion Ratio Lower Upper
56 100
69 149.3 26.9 40.3#
84 95.6 69.2 103.8





#33

1,2-Dichloroethane-d4

Concen: 52.381 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084081.D

Acq: 21 Sep 2024 01:23

Instrument :

MSVOA_N

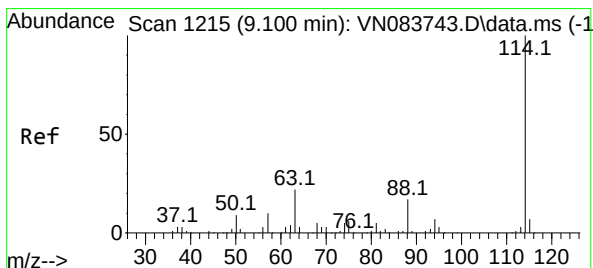
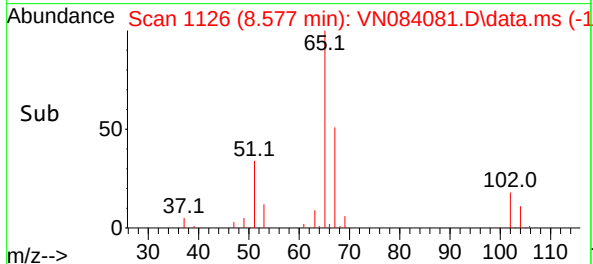
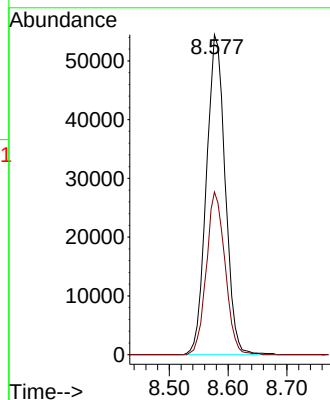
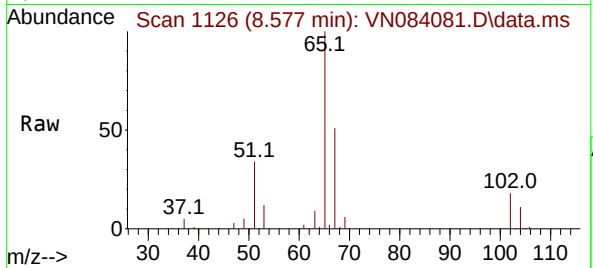
ClientSampleId :

Tgt Ion: 65 Resp: 120766

Ion Ratio Lower Upper

65 100

67 50.6 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: VN084081.D

Acq: 21 Sep 2024 01:23

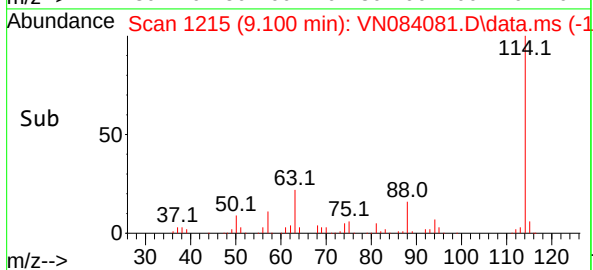
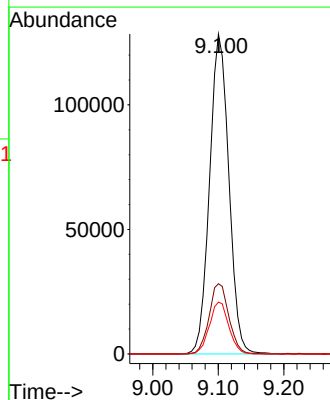
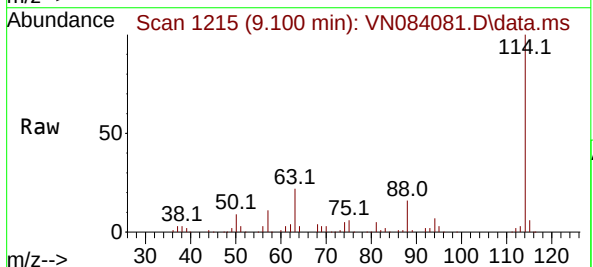
Tgt Ion: 114 Resp: 262064

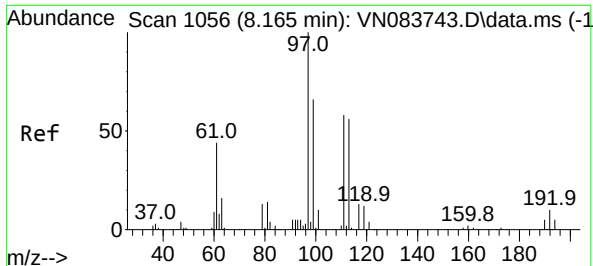
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.4

88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.439 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084081.D

Acq: 21 Sep 2024 01:23

Instrument :

MSVOA_N

ClientSampleId :

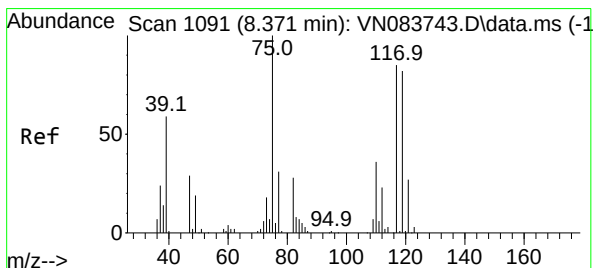
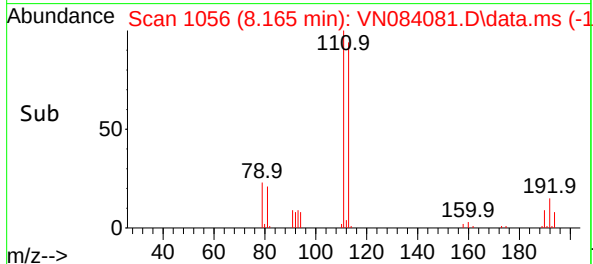
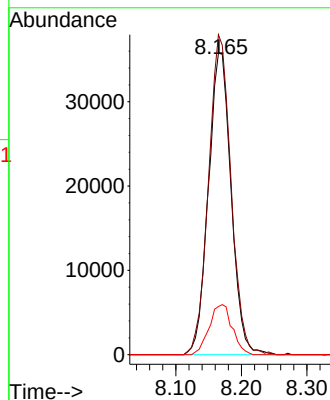
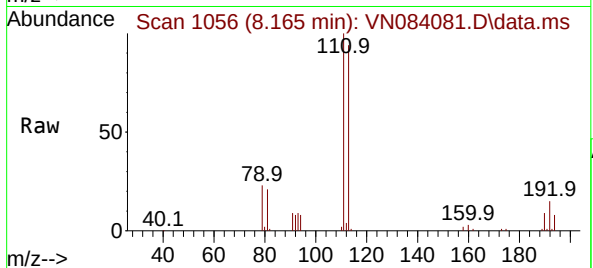
Tgt Ion:113 Resp: 86299

Ion Ratio Lower Upper

113 100

111 104.5 82.6 124.0

192 16.7 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.785 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084081.D

Acq: 21 Sep 2024 01:23

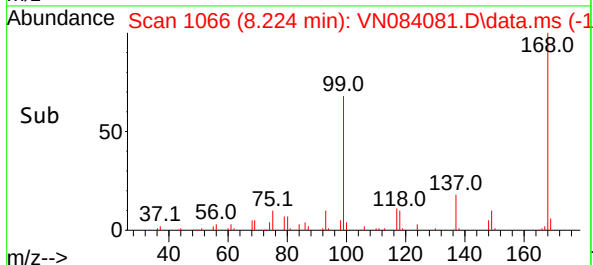
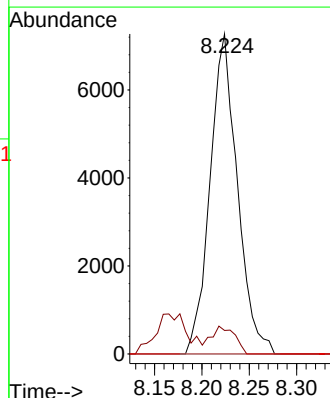
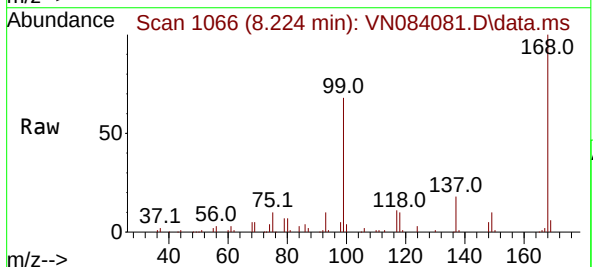
Tgt Ion: 75 Resp: 14608

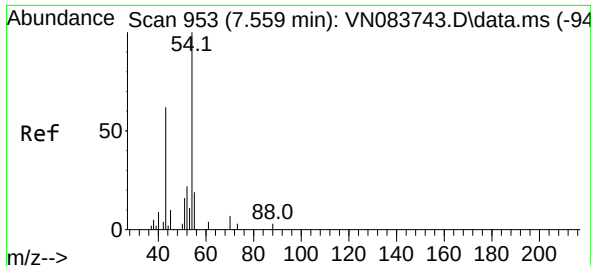
Ion Ratio Lower Upper

75 100

110 7.5 16.7 50.1#

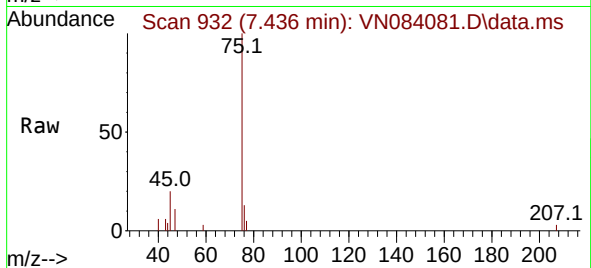
77 0.0 25.2 37.8#



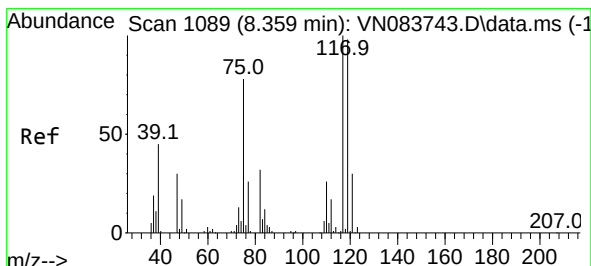
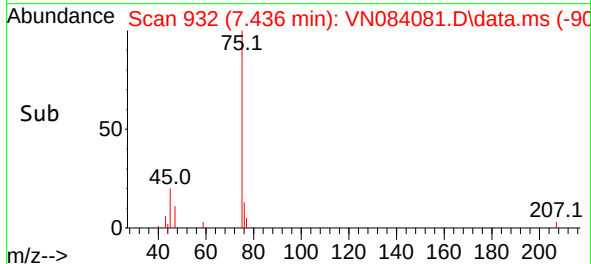
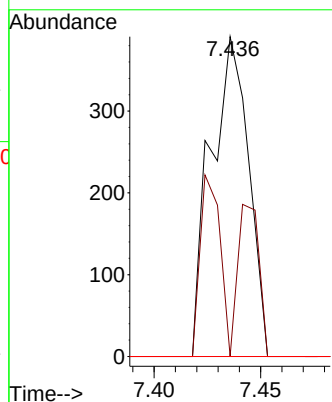


#37
Ethyl Acetate
Concen: 0.211 ug/l
RT: 7.436 min Scan# 91
Delta R.T. -0.123 min
Lab File: VN084081.D
Acq: 21 Sep 2024 01:23

Instrument :
MSVOA_N
ClientSampleId :

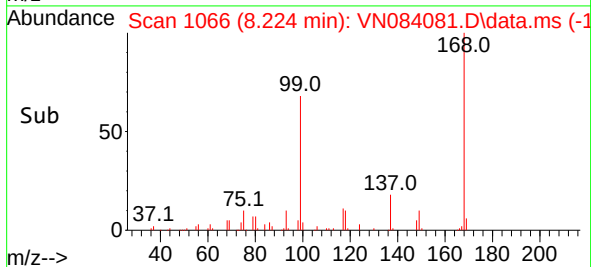
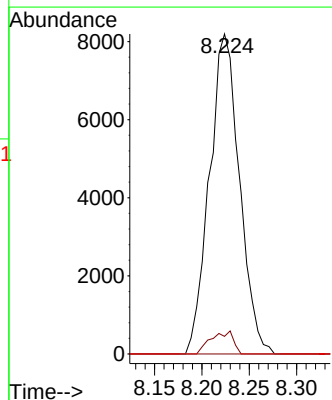
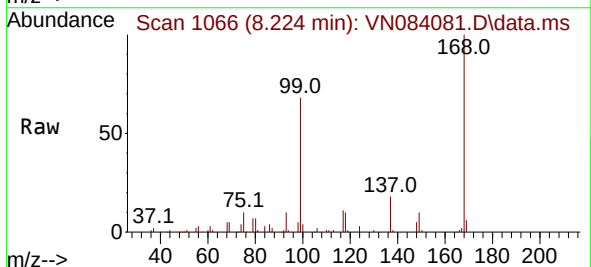


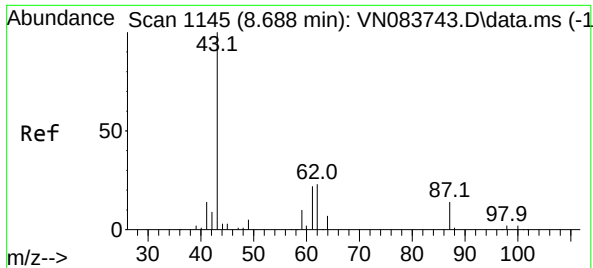
Tgt Ion: 43 Resp: 484
Ion Ratio Lower Upper
43 100
61 26.7 11.1 16.7#
70 0.0 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 6.313 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084081.D
Acq: 21 Sep 2024 01:23

Tgt Ion: 117 Resp: 18085
Ion Ratio Lower Upper
117 100
119 5.5 76.1 114.1#
121 0.0 24.1 36.1#

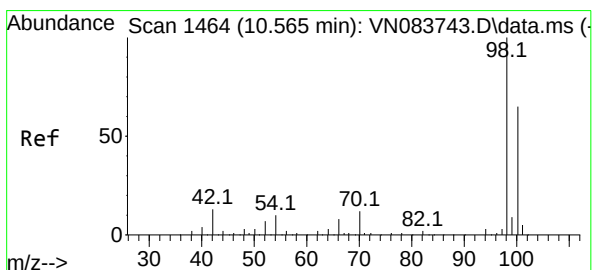
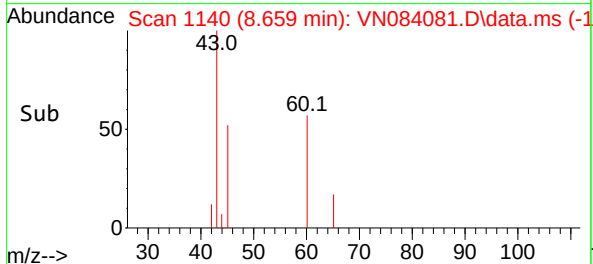
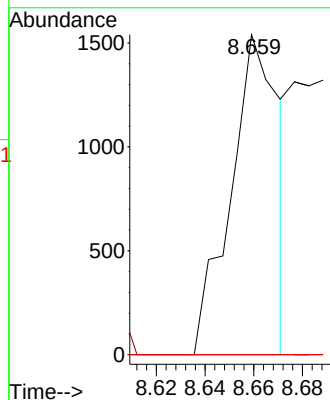
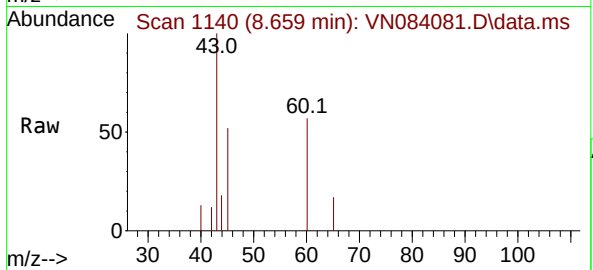




#43
Isopropyl Acetate
Concen: 0.509 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. -0.029 min
Lab File: VN084081.D
Acq: 21 Sep 2024 01:23

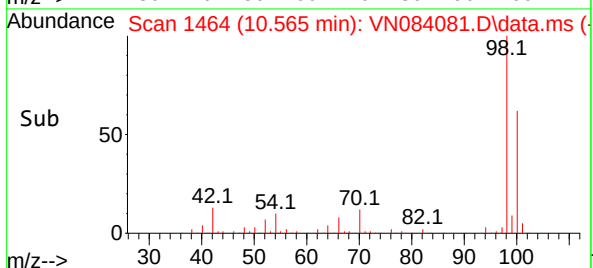
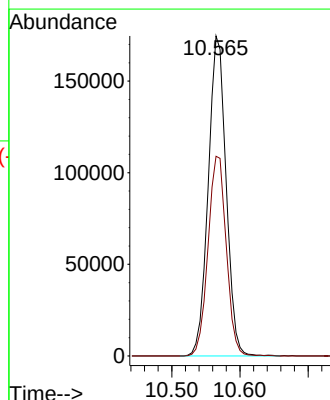
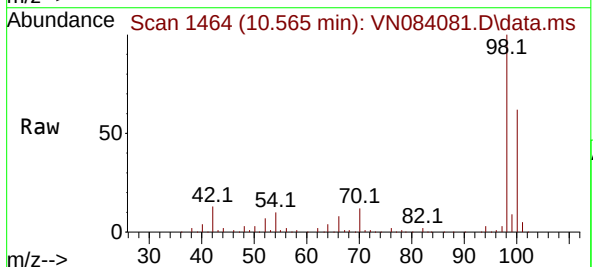
Instrument :
MSVOA_N
ClientSampleId :

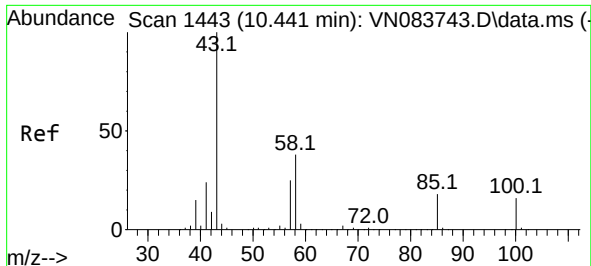
Tgt Ion: 43 Resp: 2115
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#50
Toluene-d8
Concen: 54.862 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084081.D
Acq: 21 Sep 2024 01:23

Tgt Ion: 98 Resp: 318194
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

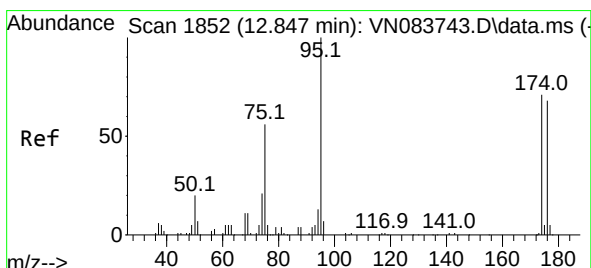
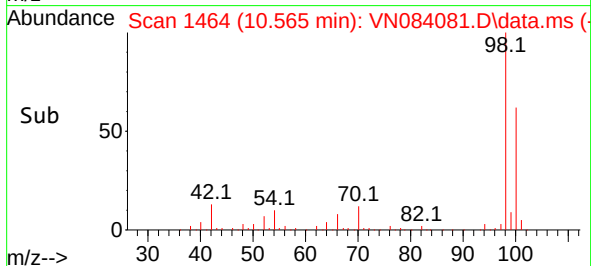
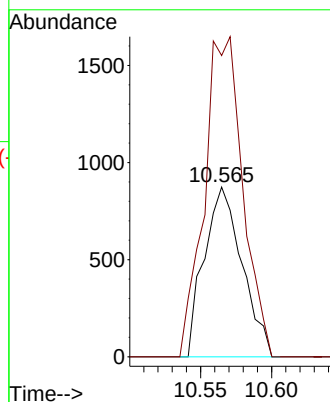
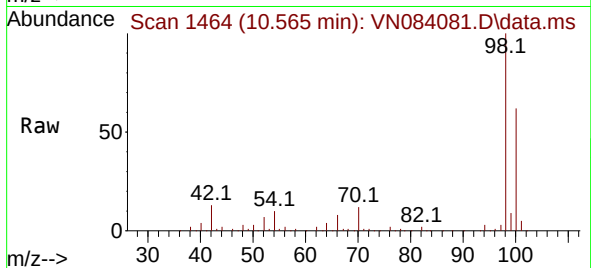




#51
4-Methyl-2-Pentanone
Concen: 0.715 ug/l
RT: 10.565 min Scan# 1443
Delta R.T. 0.124 min
Lab File: VN084081.D
Acq: 21 Sep 2024 01:23

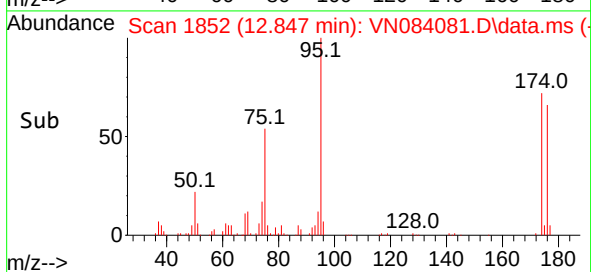
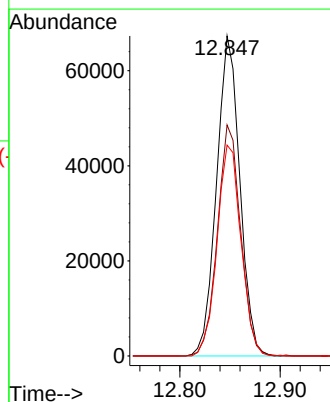
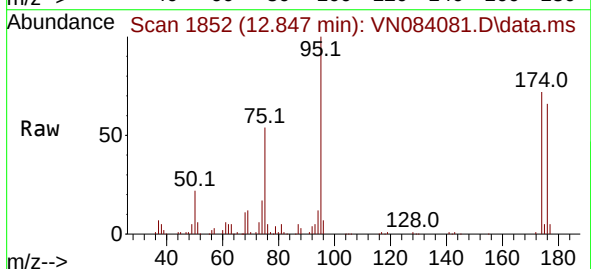
Instrument :
MSVOA_N
ClientSampleId :

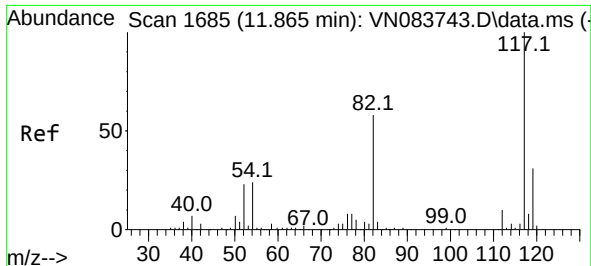
Tgt Ion: 43 Resp: 1616
Ion Ratio Lower Upper
43 100
58 191.9 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 45.345 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084081.D
Acq: 21 Sep 2024 01:23

Tgt Ion: 95 Resp: 108507
Ion Ratio Lower Upper
95 100
174 71.9 0.0 139.8
176 67.9 0.0 131.4

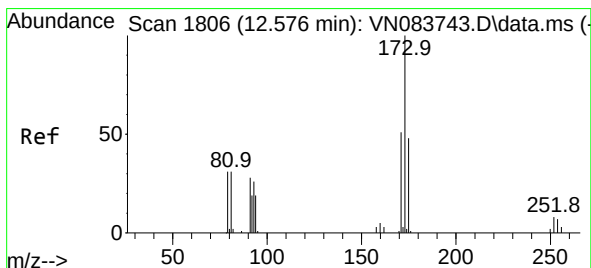
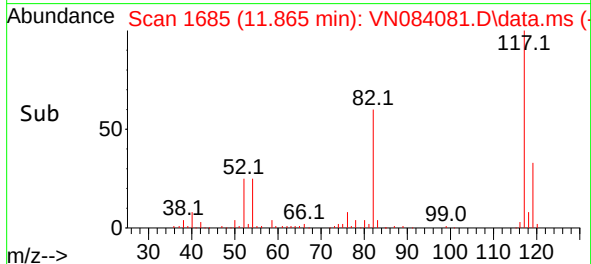
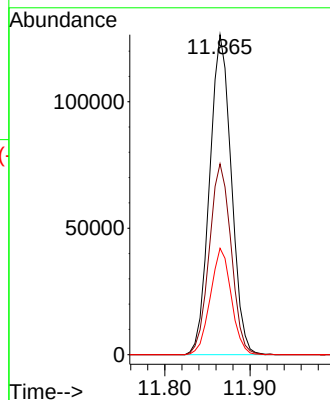
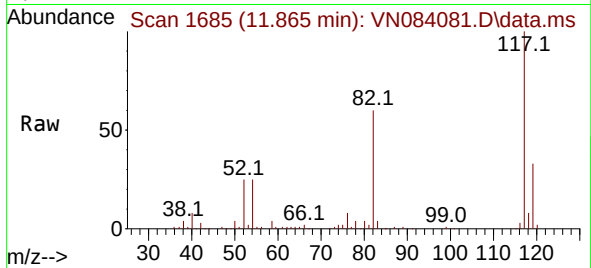




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084081.D
Acq: 21 Sep 2024 01:23

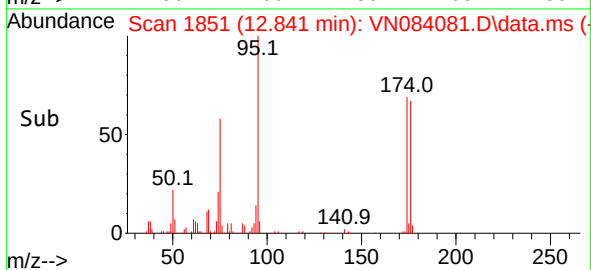
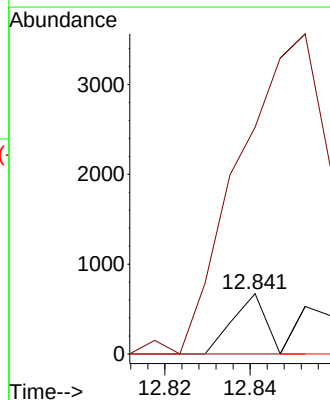
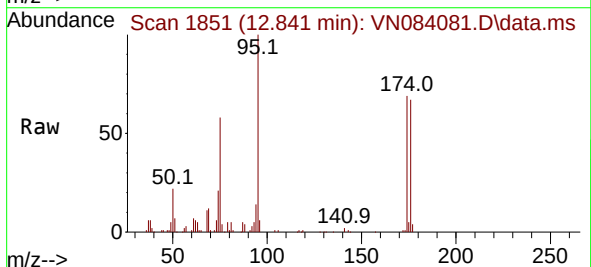
Instrument :
MSVOA_N
ClientSampleId :

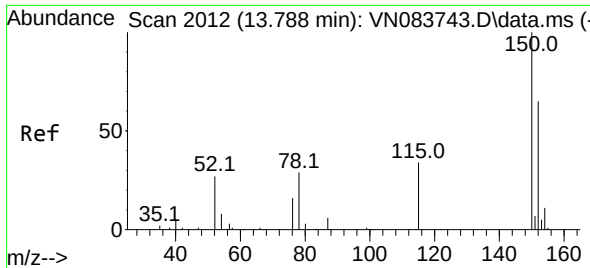
Tgt Ion:117 Resp: 223618
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.0
119 33.2 26.3 39.5



#71
Bromoform
Concen: 0.309 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN084081.D
Acq: 21 Sep 2024 01:23

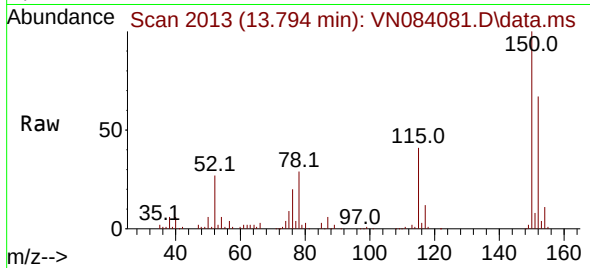
Tgt Ion:173 Resp: 359
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.0 0.0



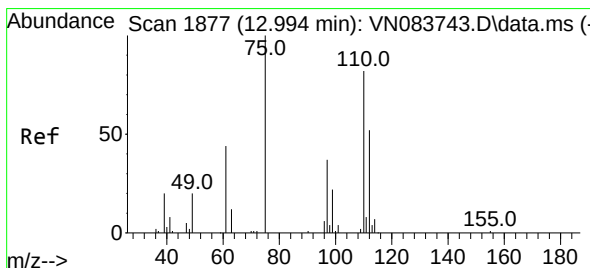
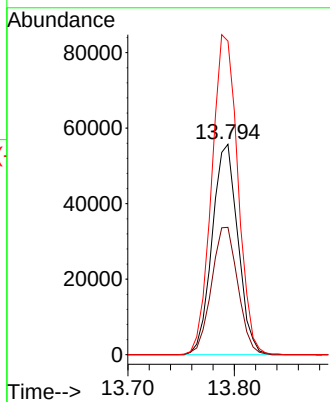
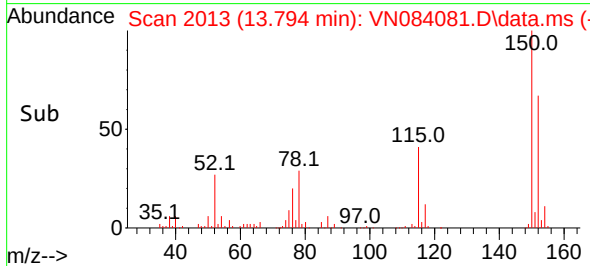


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN084081.D
Acq: 21 Sep 2024 01:23

Instrument :
MSVOA_N
ClientSampleId :

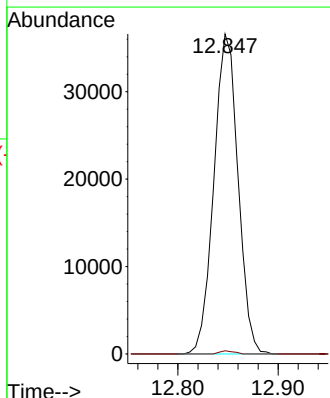
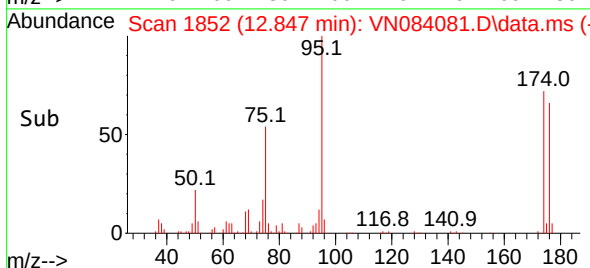
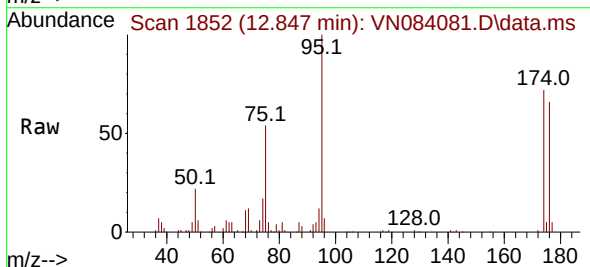


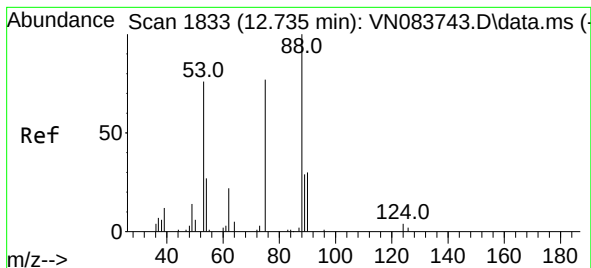
Tgt Ion:152 Resp: 93481
Ion Ratio Lower Upper
152 100
115 62.1 32.2 96.6
150 154.5 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 32.462 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN084081.D
Acq: 21 Sep 2024 01:23

Tgt Ion: 75 Resp: 61231
Ion Ratio Lower Upper
75 100
77 0.6 95.2 285.6#

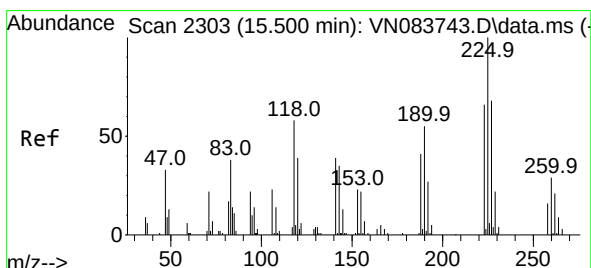
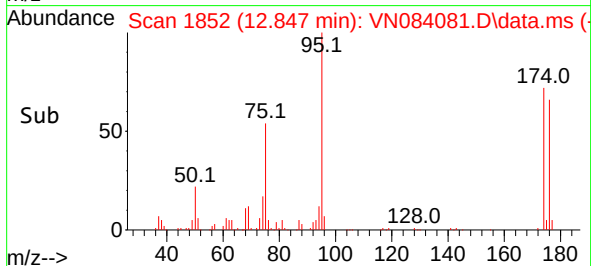
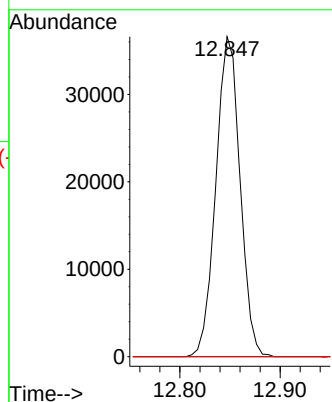
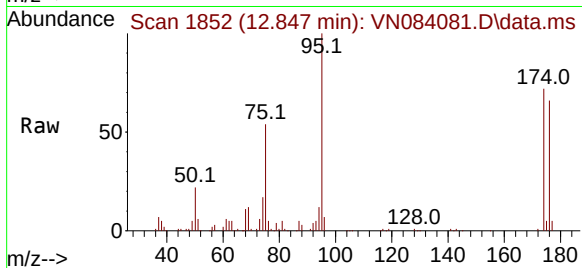




#81
trans-1,4-Dichloro-2-butene
Concen: 85.019 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN084081.D
Acq: 21 Sep 2024 01:23

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 61231
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#



#94
Hexachlorobutadiene
Concen: 0.231 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN084081.D
Acq: 21 Sep 2024 01:23

Tgt Ion: 225 Resp: 167
Ion Ratio Lower Upper
225 100
223 0.0 31.9 95.5#
227 0.0 32.0 96.2#

