

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
 Data File : VN084834.D
 Acq On : 13 Nov 2024 18:23
 Operator : JC\MD
 Sample : P4780-03RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 14 00:40:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

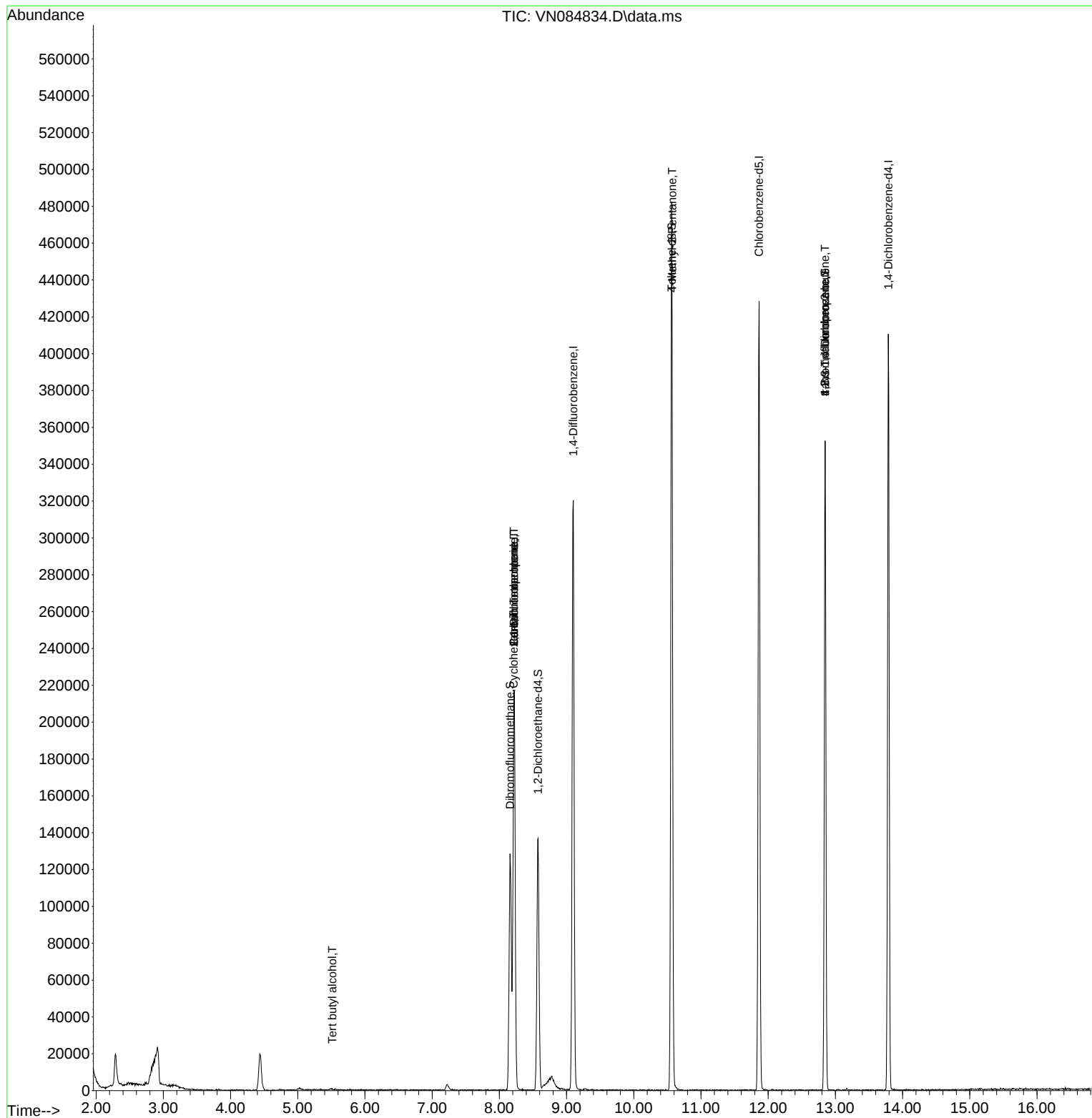
Internal Standards						
1) Pentafluorobenzene	8.218	168	162476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	281078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	112338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114501	48.792	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.580%
35) Dibromofluoromethane	8.159	113	92854	48.805	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.600%
50) Toluene-d8	10.565	98	327499	46.729	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.460%
62) 4-Bromofluorobenzene	12.847	95	122659	46.829	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.660%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	770	Below Cal	#	41
6) Chloroethane	3.130	64	475	Below Cal	#	45
11) Tert butyl alcohol	5.512	59	199	0.642	ug/l #	73
16) Acetone	4.430	43	397	Below Cal	#	44
18) Methyl Acetate	5.024	43	2357	Below Cal	#	66
31) Cyclohexane	8.212	56	3347	1.033	ug/l #	26
36) 1,1-Dichloropropene	8.218	75	13465	5.103	ug/l #	50
38) Carbon Tetrachloride	8.218	117	17034	5.776	ug/l #	15
43) Isopropyl Acetate	8.665	43	1808	Below Cal	#	56
51) 4-Methyl-2-Pentanone	10.571	43	1502	0.658	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	64605	28.770	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	64605	68.253	ug/l #	11
88) 1,4-Dichlorobenzene	13.794	146	54	Below Cal	#	1

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

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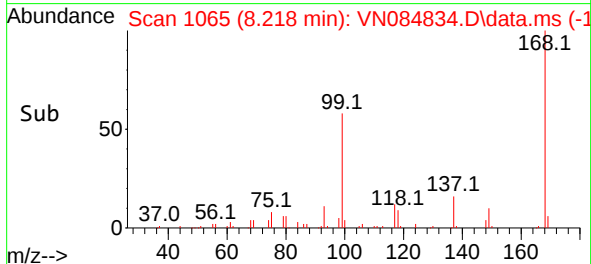
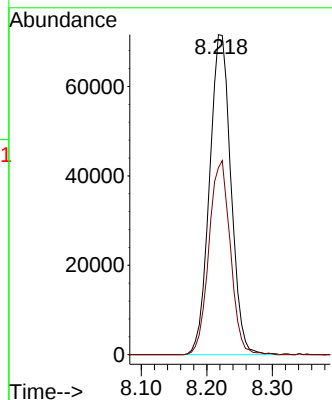
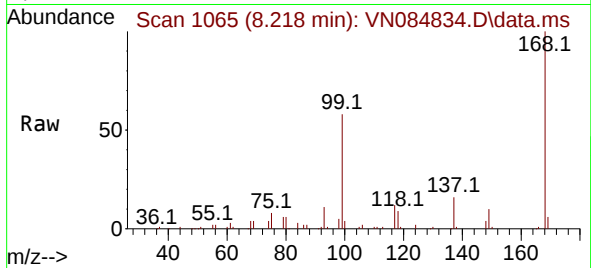




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084834.D
Acq: 13 Nov 2024 18:23

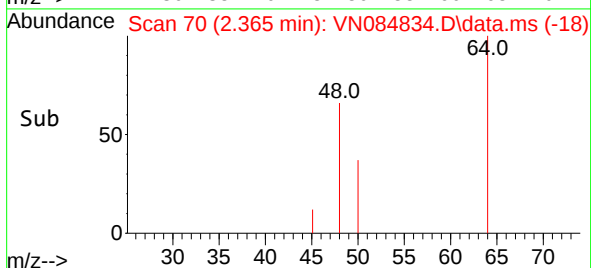
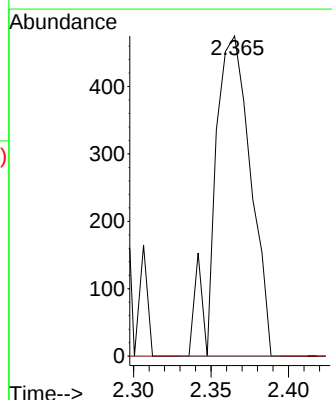
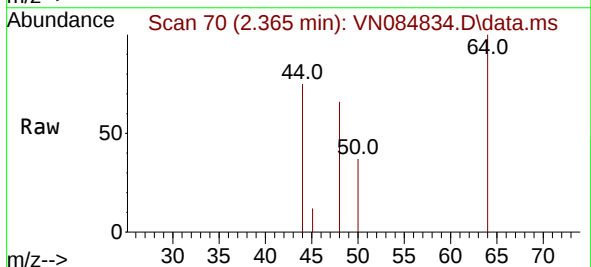
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 162476
Ion Ratio Lower Upper
168 100
99 58.5 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084834.D
Acq: 13 Nov 2024 18:23

Tgt Ion: 50 Resp: 770
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

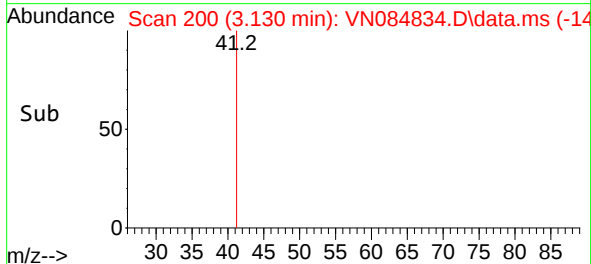
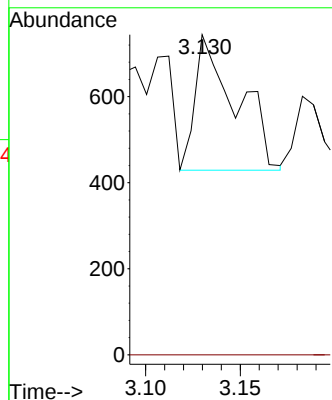
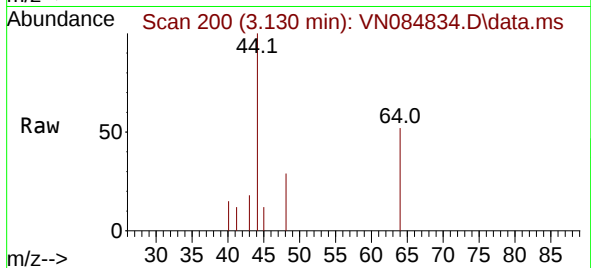




#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 20
Delta R.T. 0.012 min
Lab File: VN084834.D
Acq: 13 Nov 2024 18:23

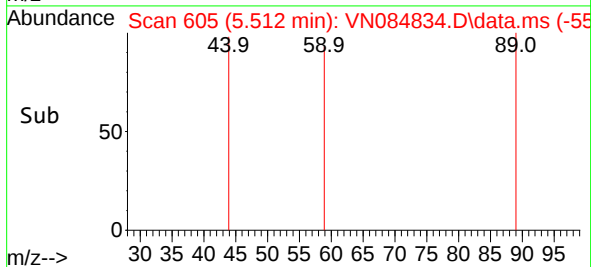
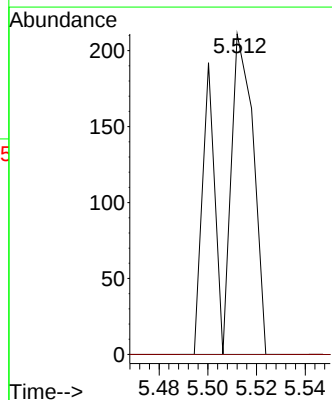
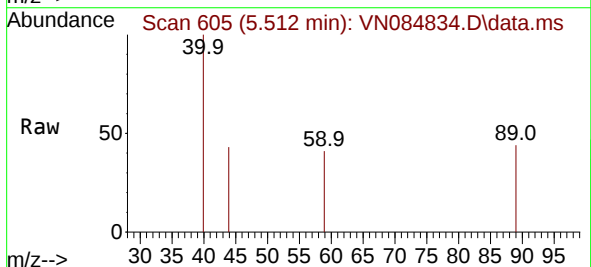
Instrument :
MSVOA_N
ClientSampleId :

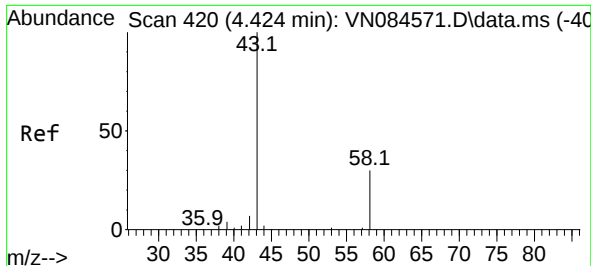
Tgt Ion: 64 Resp: 475
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 0.642 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.012 min
Lab File: VN084834.D
Acq: 13 Nov 2024 18:23

Tgt Ion: 59 Resp: 199
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

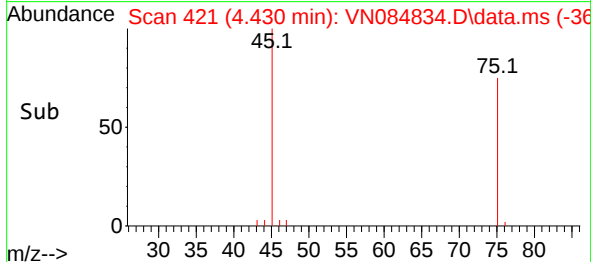
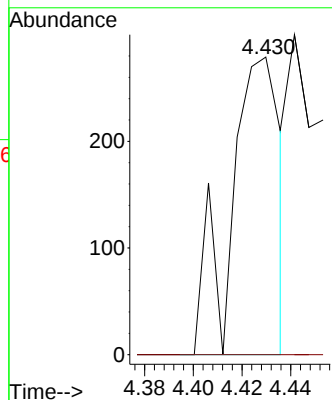
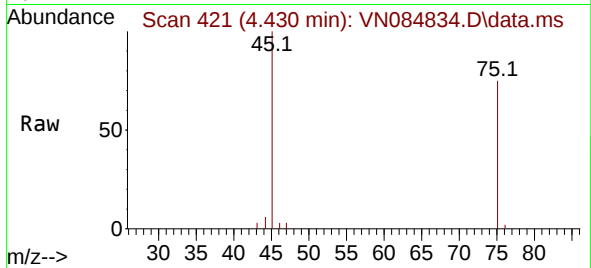




#16
Acetone
Concen: Below Cal
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN084834.D
Acq: 13 Nov 2024 18:23

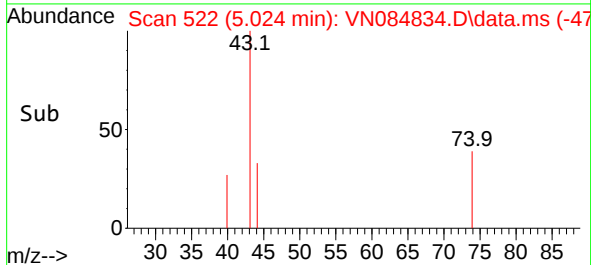
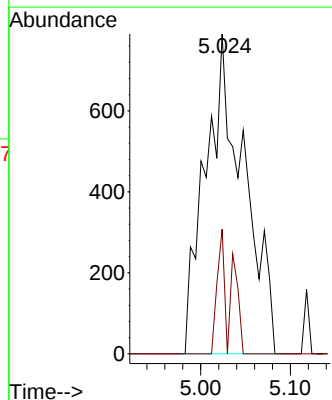
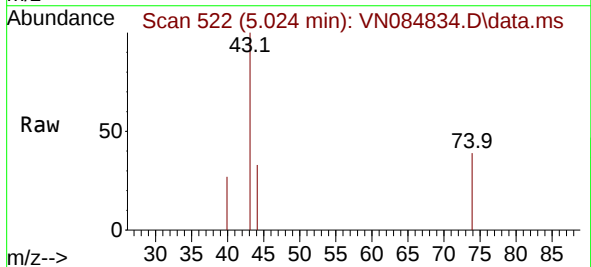
Instrument :
MSVOA_N
ClientSampleId :

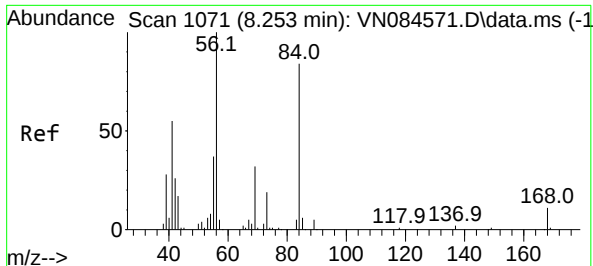
Tgt Ion: 43 Resp: 397
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084834.D
Acq: 13 Nov 2024 18:23

Tgt Ion: 43 Resp: 2357
Ion Ratio Lower Upper
43 100
74 7.2 19.2 28.8#





#31

Cyclohexane

Concen: 1.033 ug/l

RT: 8.212 min Scan# 1064

Delta R.T. -0.041 min

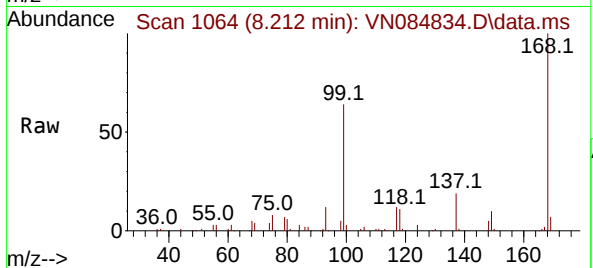
Lab File: VN084834.D

Acq: 13 Nov 2024 18:23

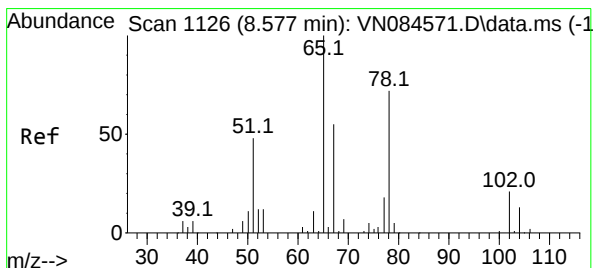
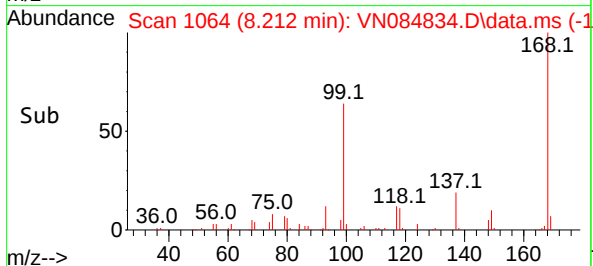
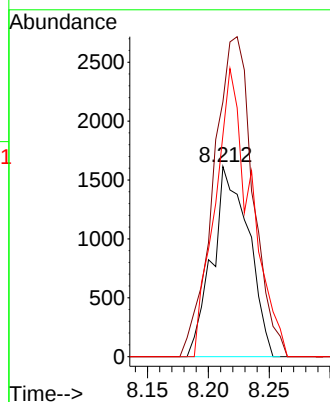
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 56	Resp: 3347
Ion Ratio	Lower Upper
56	100
69	134.1 23.8 35.6#
84	116.7 68.8 103.2#



#33

1,2-Dichloroethane-d4

Concen: 48.792 ug/l

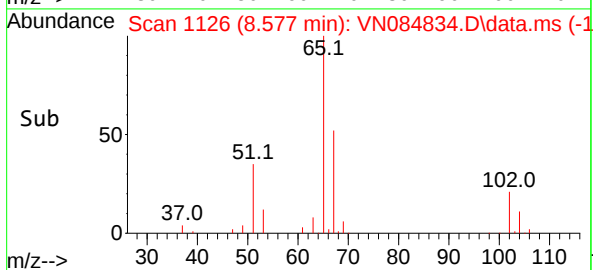
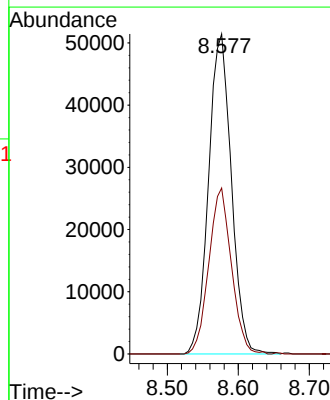
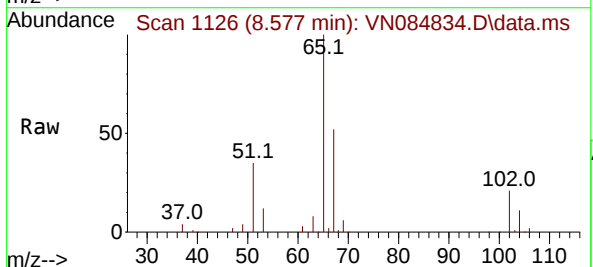
RT: 8.577 min Scan# 1126

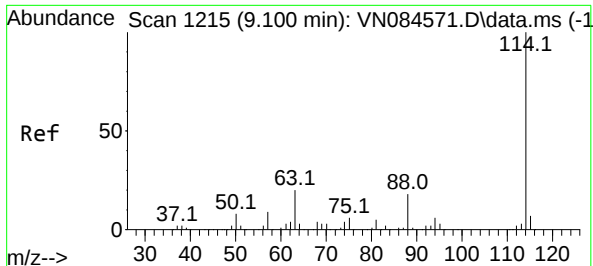
Delta R.T. -0.000 min

Lab File: VN084834.D

Acq: 13 Nov 2024 18:23

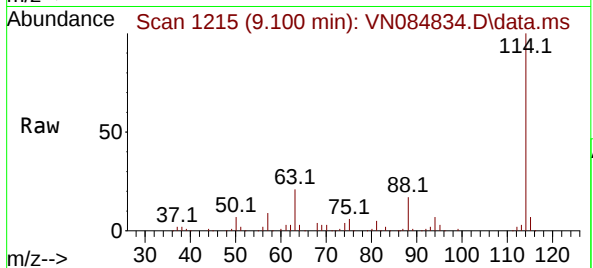
Tgt Ion: 65	Resp: 114501
Ion Ratio	Lower Upper
65	100
67	51.4 0.0 102.0



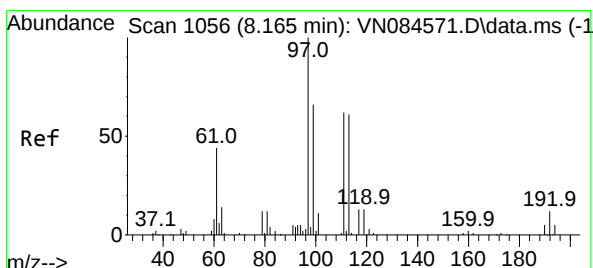
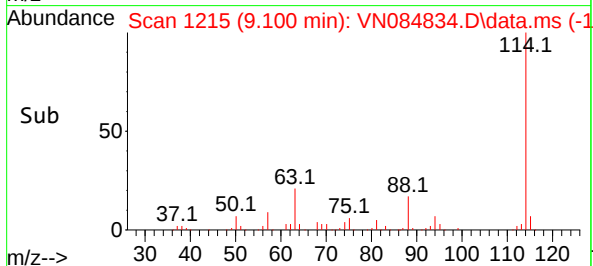
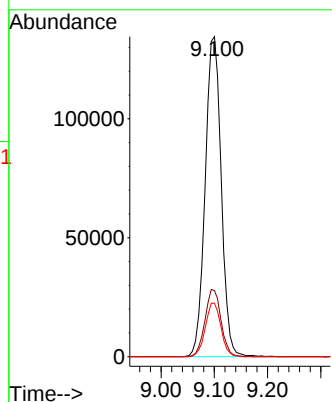


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084834.D
Acq: 13 Nov 2024 18:23

Instrument :
MSVOA_N
ClientSampleId :

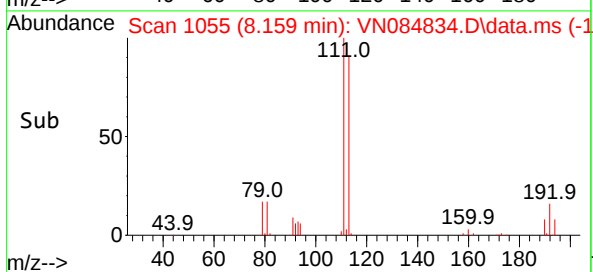
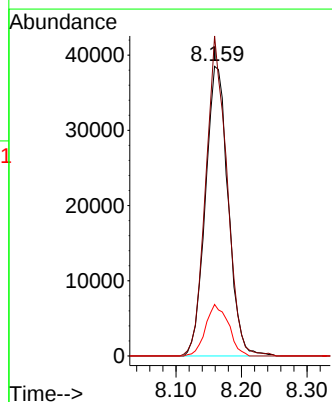
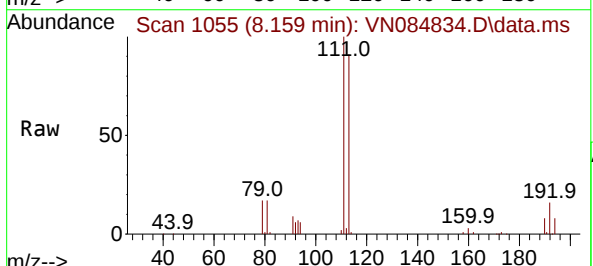


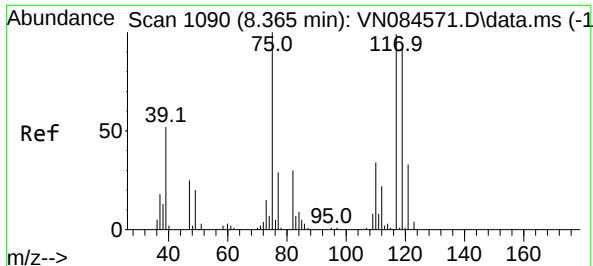
Tgt Ion:114 Resp: 281078
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.8
88 16.7 0.0 31.6



#35
Dibromofluoromethane
Concen: 48.805 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN084834.D
Acq: 13 Nov 2024 18:23

Tgt Ion:113 Resp: 92854
Ion Ratio Lower Upper
113 100
111 103.4 83.3 124.9
192 17.9 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.103 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084834.D

Acq: 13 Nov 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

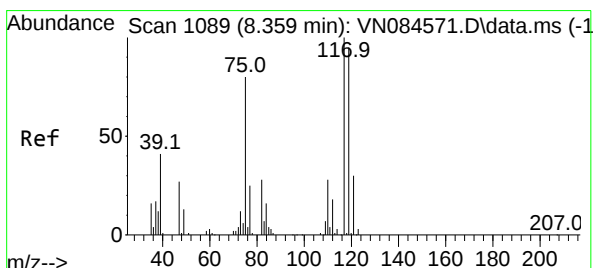
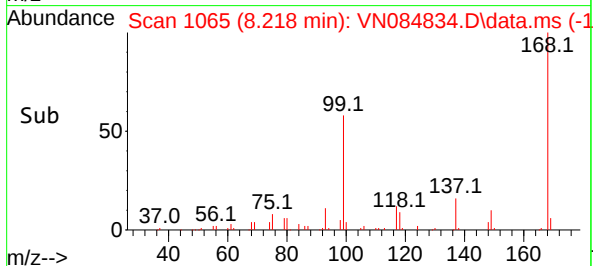
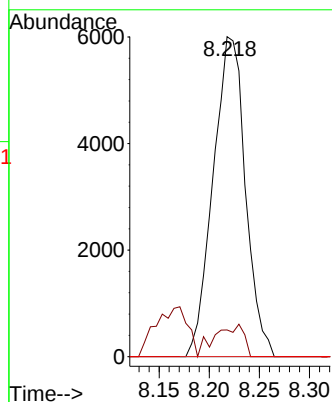
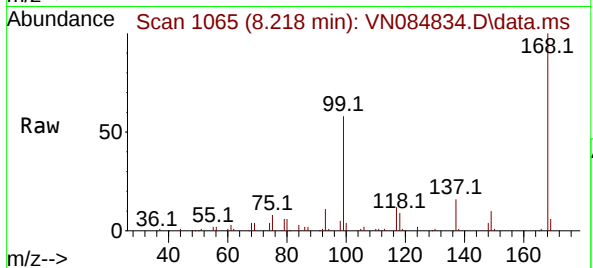
Tgt Ion: 75 Resp: 13465

Ion Ratio Lower Upper

75 100

110 9.0 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.776 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN084834.D

Acq: 13 Nov 2024 18:23

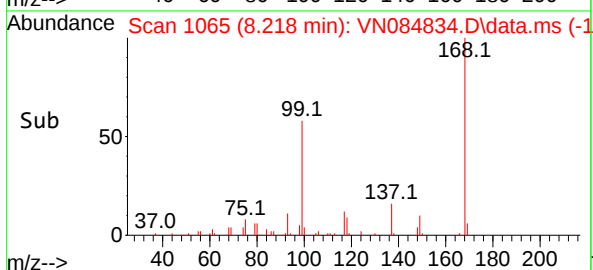
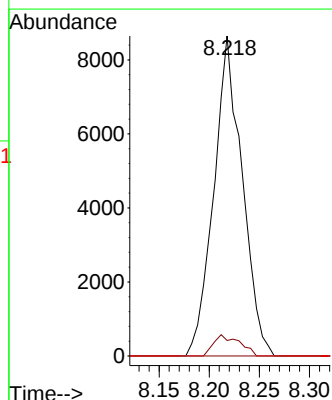
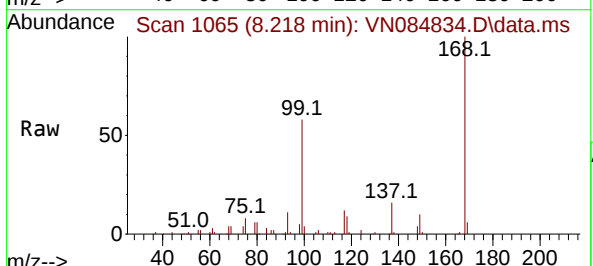
Tgt Ion: 117 Resp: 17034

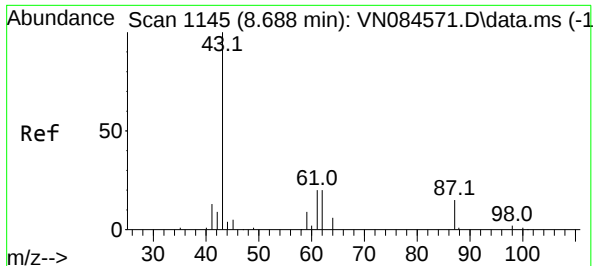
Ion Ratio Lower Upper

117 100

119 4.9 78.7 118.1#

121 0.0 24.4 36.6#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.665 min Scan# 1141

Delta R.T. -0.023 min

Lab File: VN084834.D

Acq: 13 Nov 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

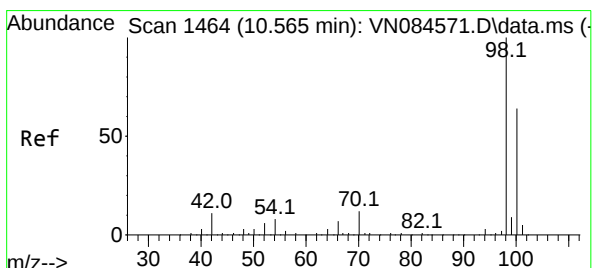
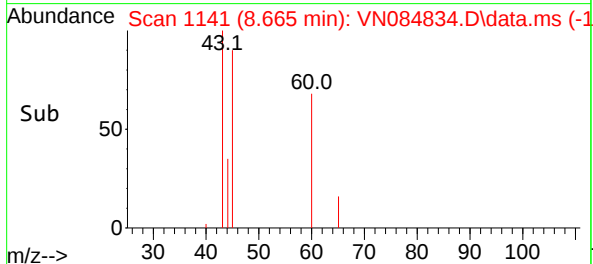
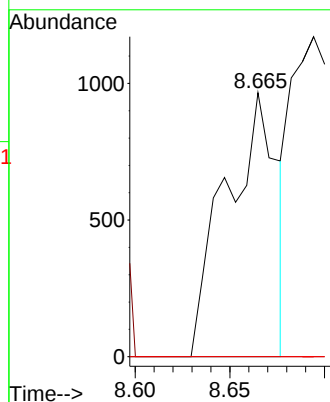
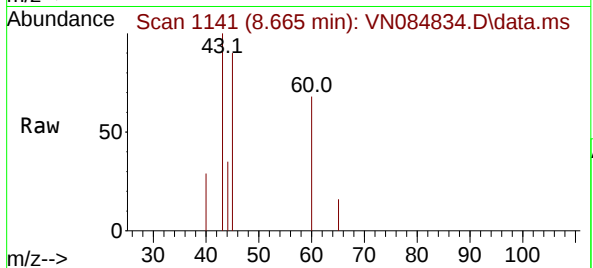
Tgt Ion: 43 Resp: 1808

Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 10.3 15.5#



#50

Toluene-d8

Concen: 46.729 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084834.D

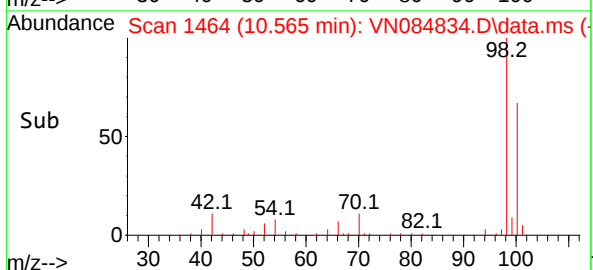
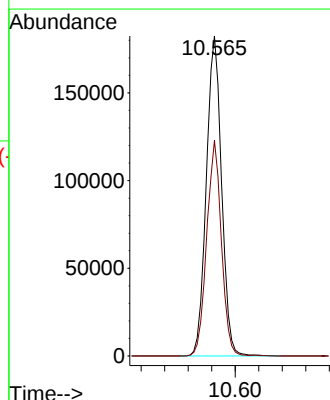
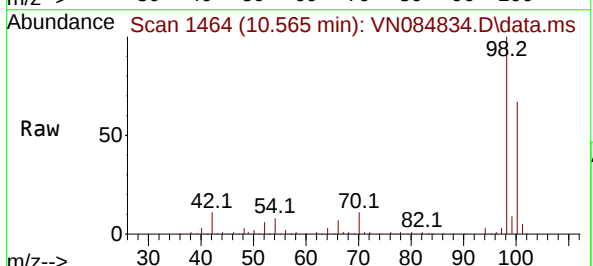
Acq: 13 Nov 2024 18:23

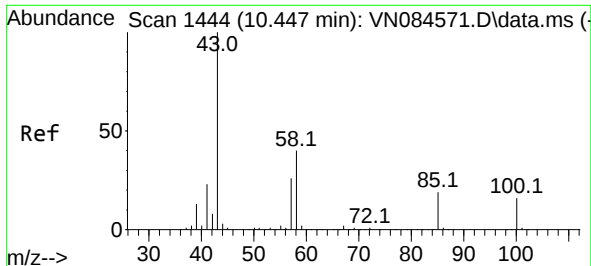
Tgt Ion: 98 Resp: 327499

Ion Ratio Lower Upper

98 100

100 64.8 52.7 79.1

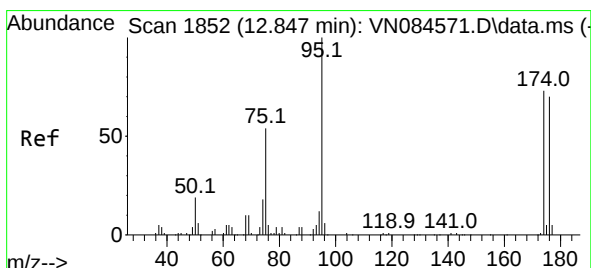
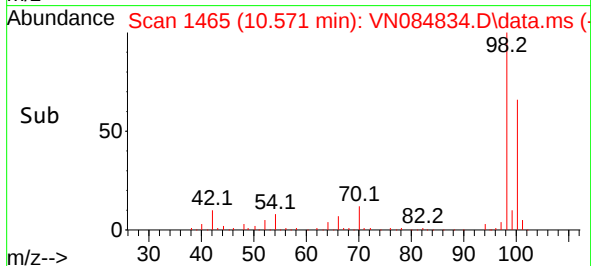
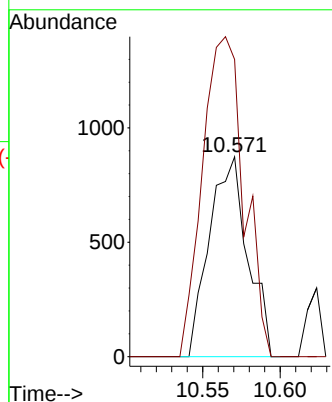
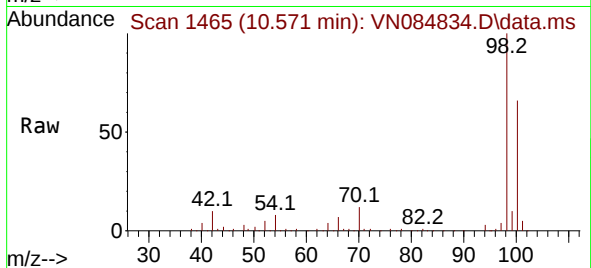




#51
4-Methyl-2-Pentanone
Concen: 0.658 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.129 min
Lab File: VN084834.D
Acq: 13 Nov 2024 18:23

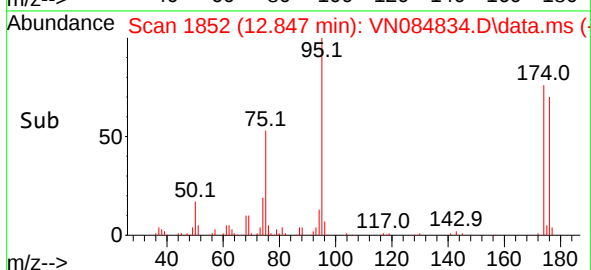
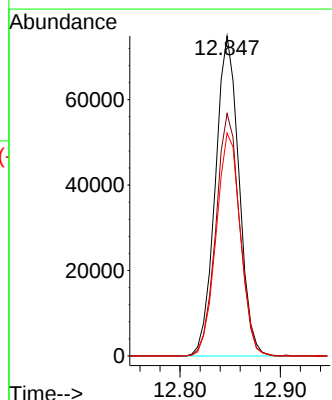
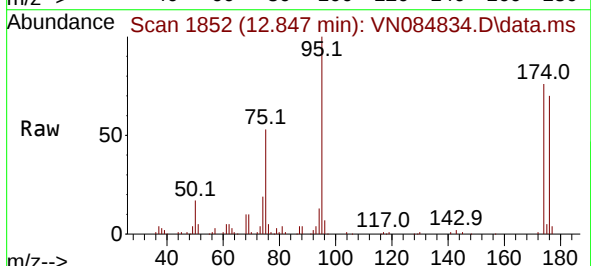
Instrument :
MSVOA_N
ClientSampleId :

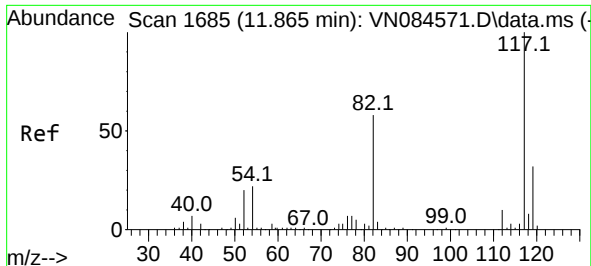
Tgt Ion: 43 Resp: 1502
Ion Ratio Lower Upper
43 100
58 173.8 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 46.829 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084834.D
Acq: 13 Nov 2024 18:23

Tgt Ion: 95 Resp: 122659
Ion Ratio Lower Upper
95 100
174 76.1 0.0 145.2
176 71.4 0.0 140.0

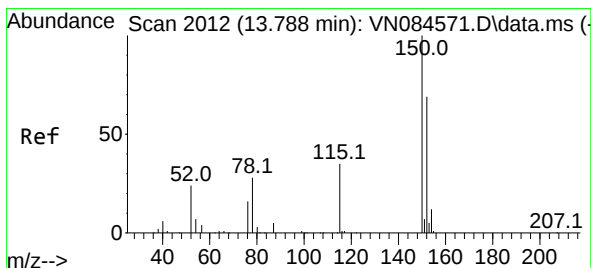
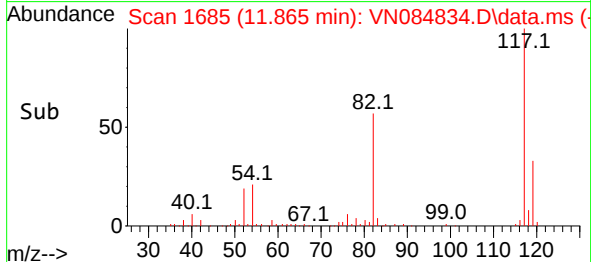
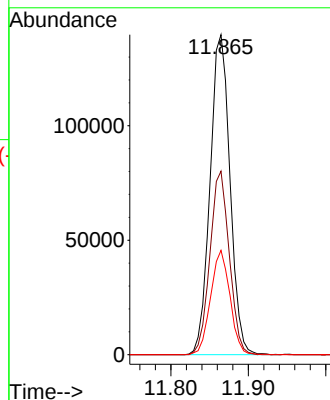
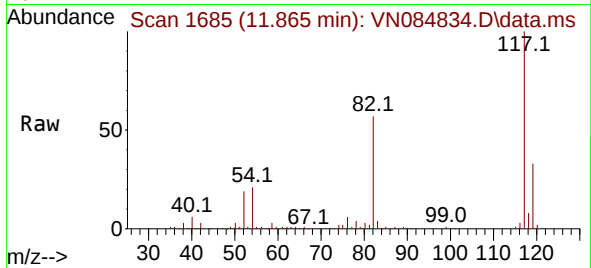




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084834.D
Acq: 13 Nov 2024 18:23

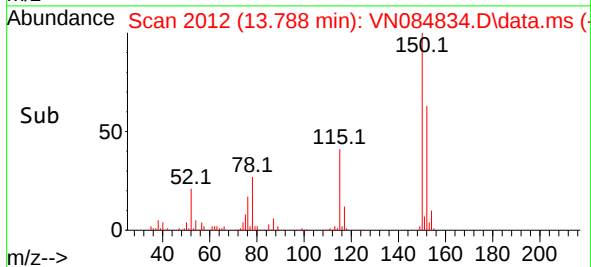
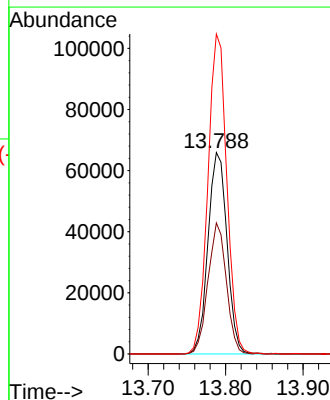
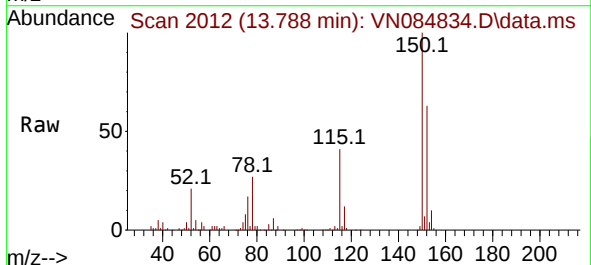
Instrument :
MSVOA_N
ClientSampleId :

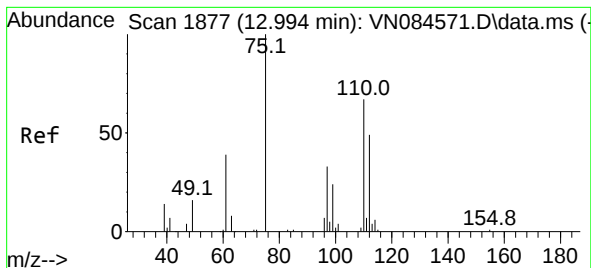
Tgt Ion:117 Resp: 249704
Ion Ratio Lower Upper
117 100
82 57.4 47.2 70.8
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084834.D
Acq: 13 Nov 2024 18:23

Tgt Ion:152 Resp: 112338
Ion Ratio Lower Upper
152 100
115 62.7 31.3 93.9
150 157.5 0.0 349.8





#76

1,2,3-Trichloropropane

Concen: 28.770 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084834.D

Acq: 13 Nov 2024 18:23

Instrument :

MSVOA_N

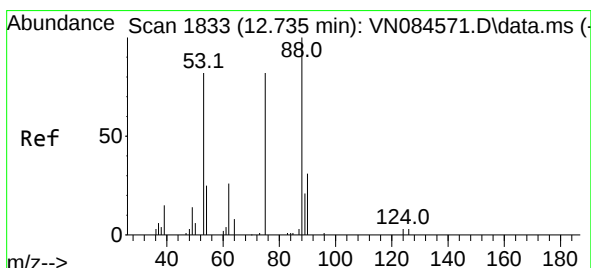
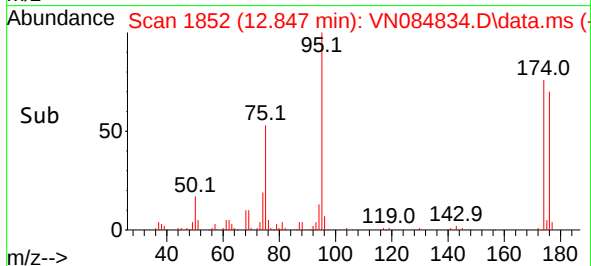
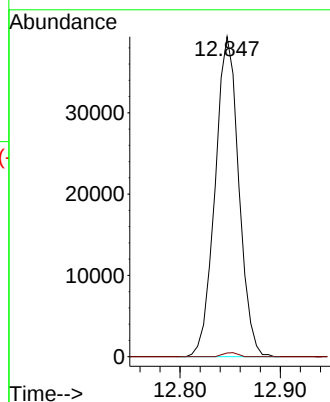
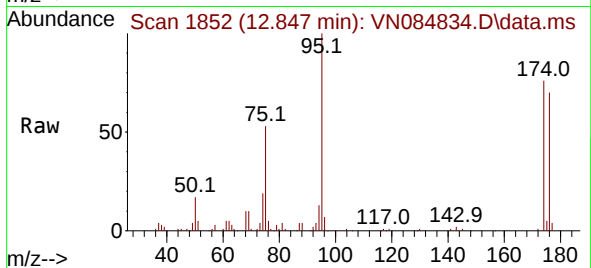
ClientSampleId :

Tgt Ion: 75 Resp: 64605

Ion Ratio Lower Upper

75 100

77 0.8 96.9 290.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.253 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN084834.D

Acq: 13 Nov 2024 18:23

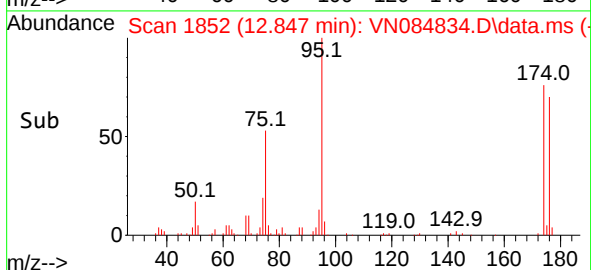
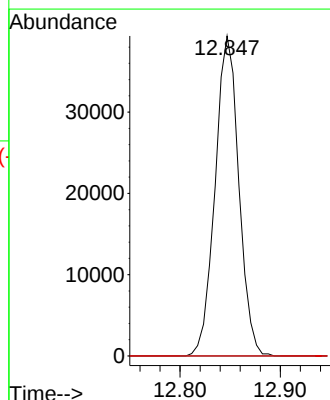
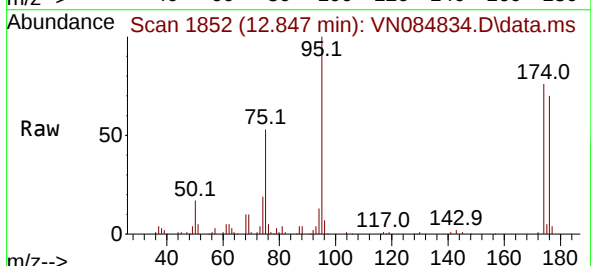
Tgt Ion: 75 Resp: 64605

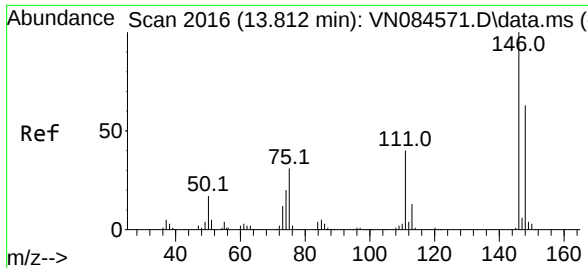
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

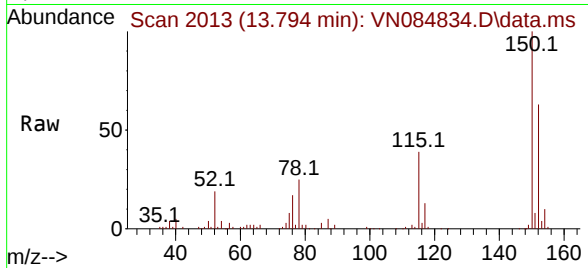
89 0.0 35.5 53.3#





#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.794 min Scan# 20
Delta R.T. -0.018 min
Lab File: VN084834.D
Acq: 13 Nov 2024 18:23

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:146 Resp: 54
Ion Ratio Lower Upper
146 100
111 3092.6 21.2 63.6#
148 1213.0 31.9 95.9#

