

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111224\
 Data File : VN084811.D
 Acq On : 12 Nov 2024 21:14
 Operator : JC\MD
 Sample : P4780-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 13 02:38:25 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	169688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	295194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	262652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115812	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119107	48.598	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.200%
35) Dibromofluoromethane	8.159	113	96682	48.387	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.780%
50) Toluene-d8	10.565	98	343541	46.674	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.340%
62) 4-Bromofluorobenzene	12.847	95	134115	48.755	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.500%

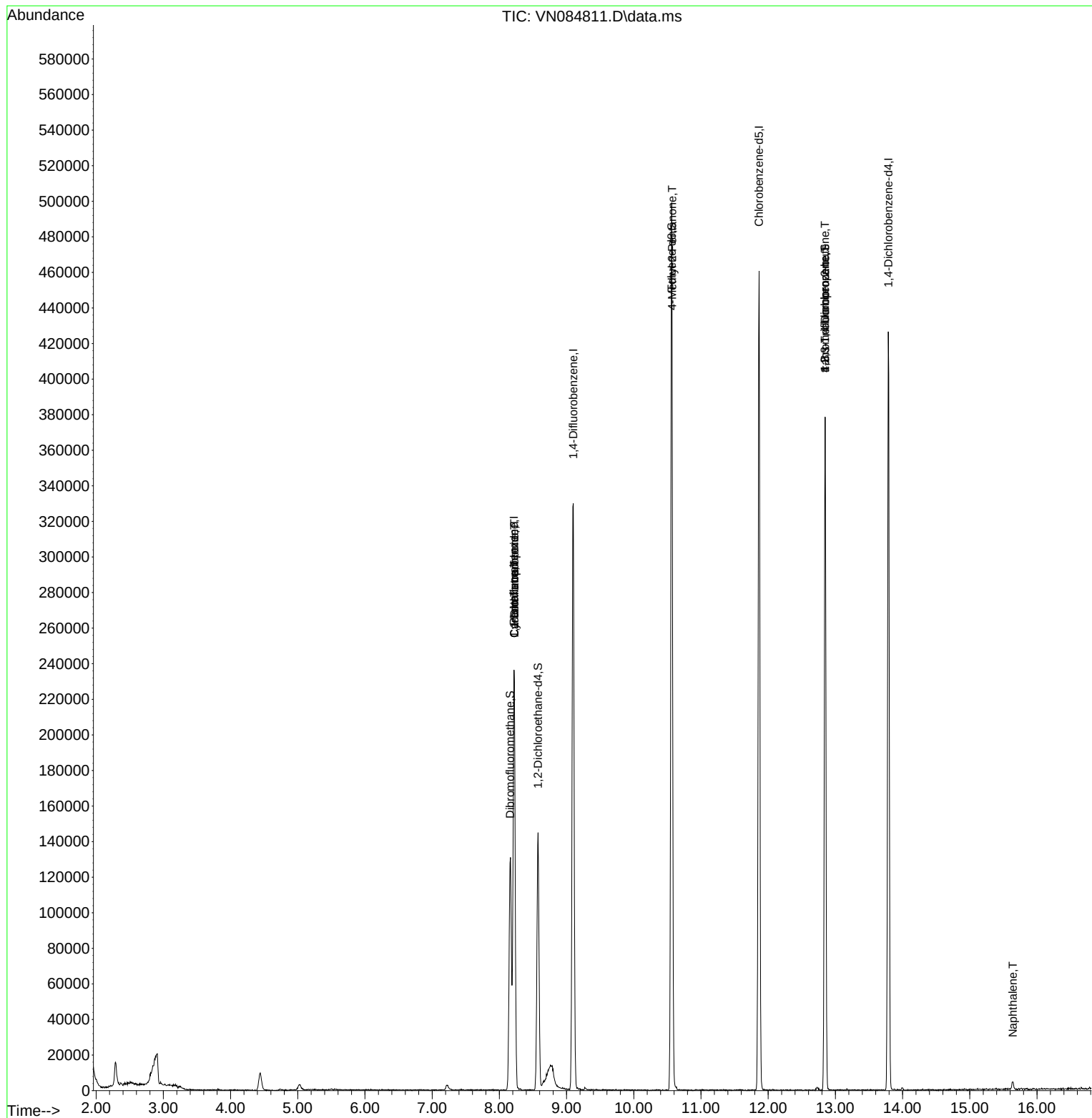
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.371	50	919	Below Cal	#	41
6) Chloroethane	3.095	64	1201	Below Cal	#	45
16) Acetone	4.436	43	851	Below Cal	#	44
18) Methyl Acetate	5.018	43	6568	Below Cal	#	68
31) Cyclohexane	8.224	56	3508	1.037	ug/l #	11
36) 1,1-Dichloropropene	8.224	75	14102	5.089	ug/l #	51
38) Carbon Tetrachloride	8.224	117	18597	6.004	ug/l #	15
43) Isopropyl Acetate	8.700	43	1466	Below Cal	#	56
51) 4-Methyl-2-Pentanone	10.571	43	1339	0.559	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	67100	28.985	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	67100	68.763	ug/l #	11
88) 1,4-Dichlorobenzene	13.812	146	76	Below Cal	#	24
95) Naphthalene	15.641	128	5281	0.788	ug/l	99

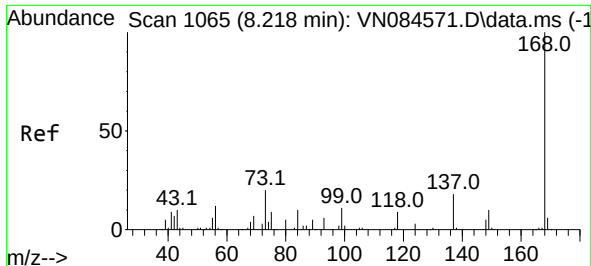
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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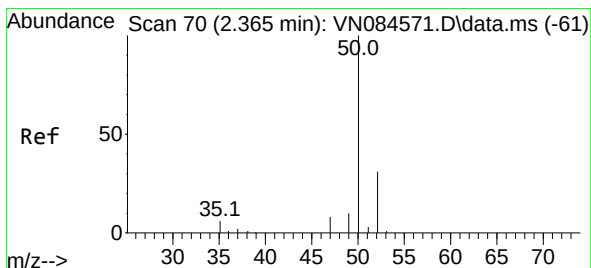
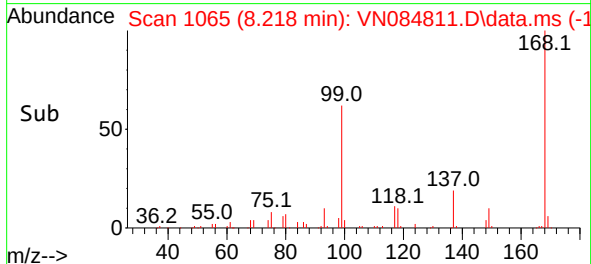
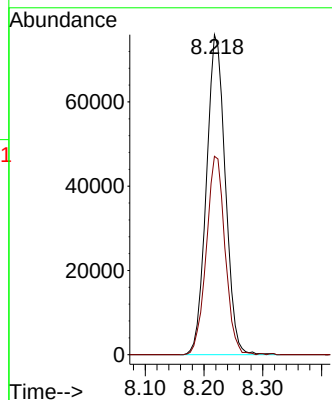
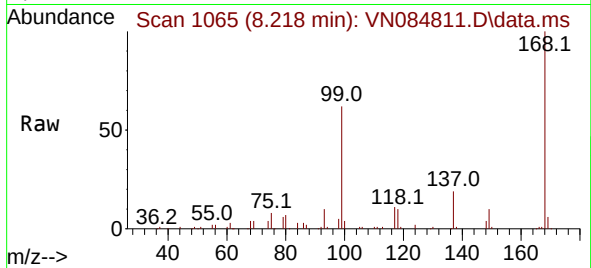




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084811.D
Acq: 12 Nov 2024 21:14

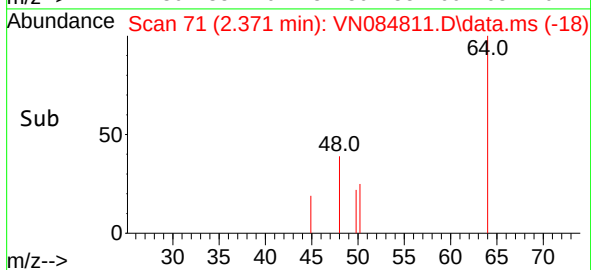
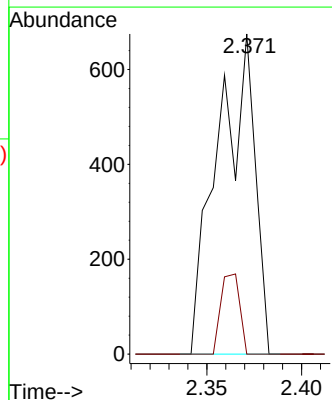
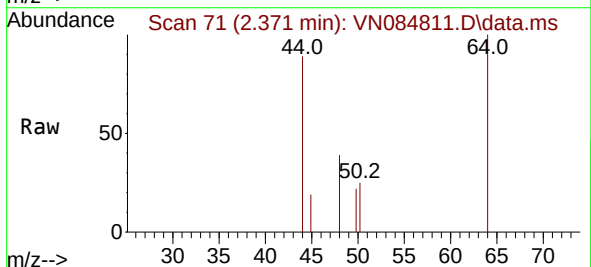
Instrument :
MSVOA_N
ClientSampleId :

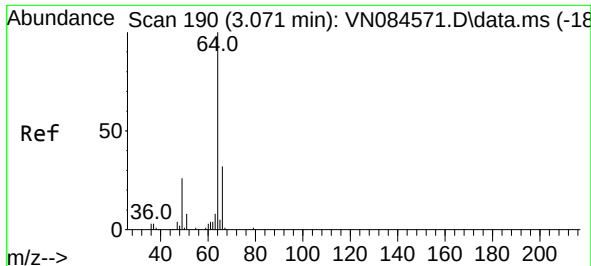
Tgt Ion:168 Resp: 169688
Ion Ratio Lower Upper
168 100
99 62.0 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN084811.D
Acq: 12 Nov 2024 21:14

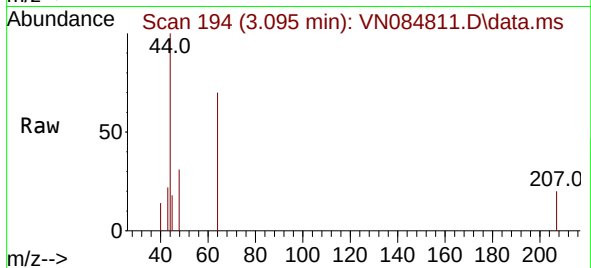
Tgt Ion: 50 Resp: 919
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#



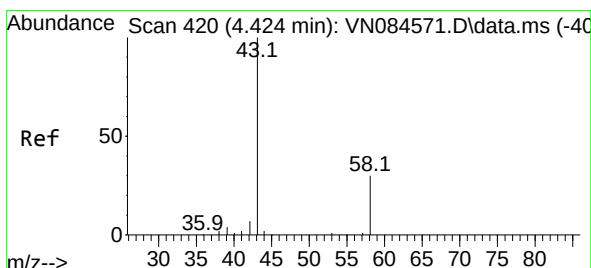
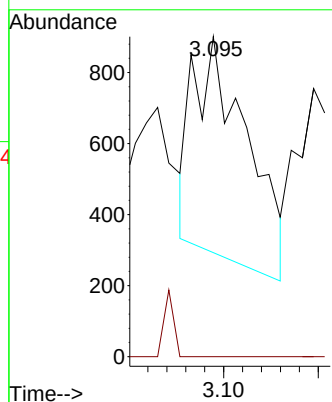
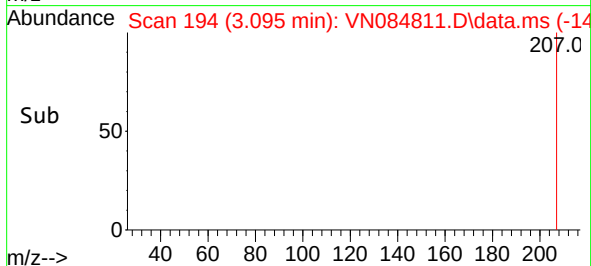


#6
Chloroethane
Concen: Below Cal
RT: 3.095 min Scan# 194
Delta R.T. -0.023 min
Lab File: VN084811.D
Acq: 12 Nov 2024 21:14

Instrument :
MSVOA_N
ClientSampleId :

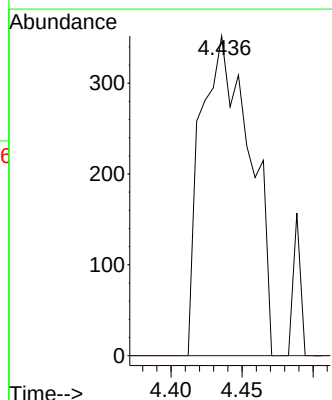
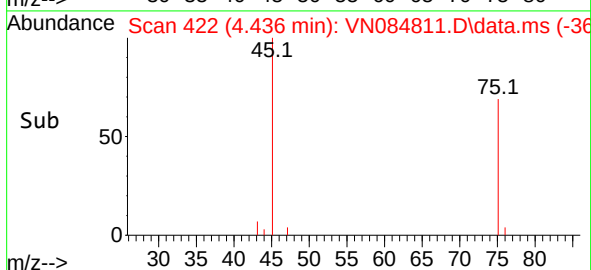
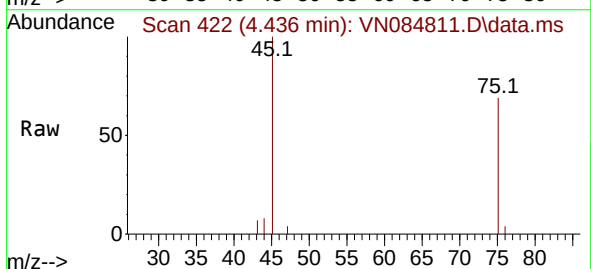


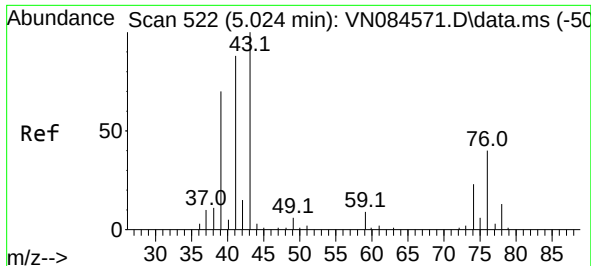
Tgt Ion: 64 Resp: 1201
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#16
Acetone
Concen: Below Cal
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084811.D
Acq: 12 Nov 2024 21:14

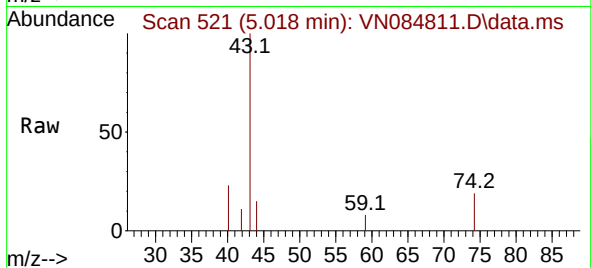
Tgt Ion: 43 Resp: 851
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



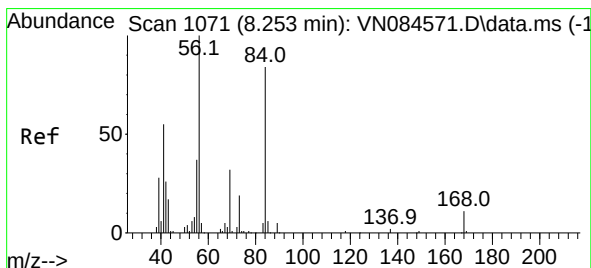
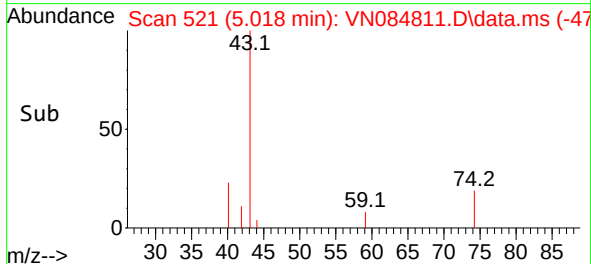
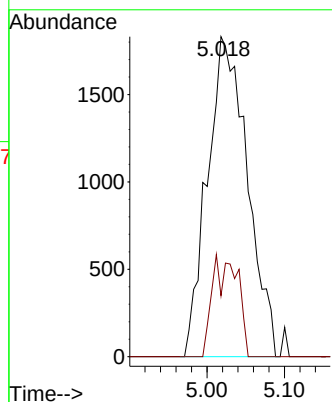


#18
Methyl Acetate
Concen: Below Cal
RT: 5.018 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN084811.D
Acq: 12 Nov 2024 21:14

Instrument :
MSVOA_N
ClientSampleId :

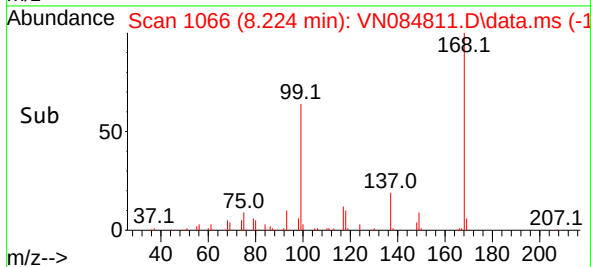
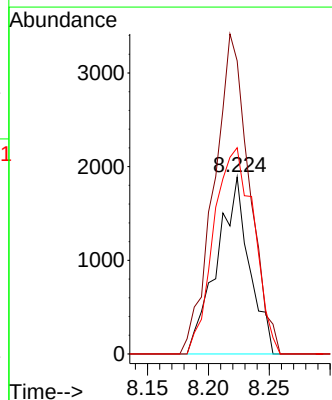
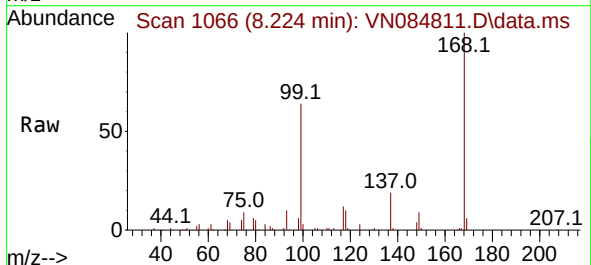


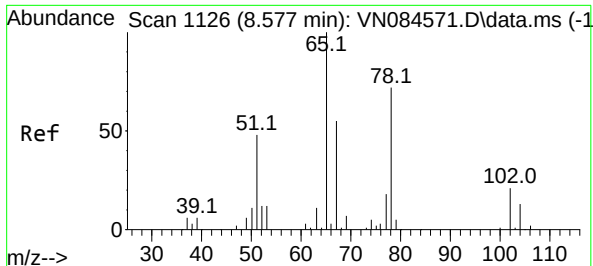
Tgt Ion: 43 Resp: 6568
Ion Ratio Lower Upper
43 100
74 8.0 19.2 28.8#



#31
Cyclohexane
Concen: 1.037 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084811.D
Acq: 12 Nov 2024 21:14

Tgt Ion: 56 Resp: 3508
Ion Ratio Lower Upper
56 100
69 165.6 23.8 35.6#
84 116.5 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 48.598 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084811.D

Acq: 12 Nov 2024 21:14

Instrument :

MSVOA_N

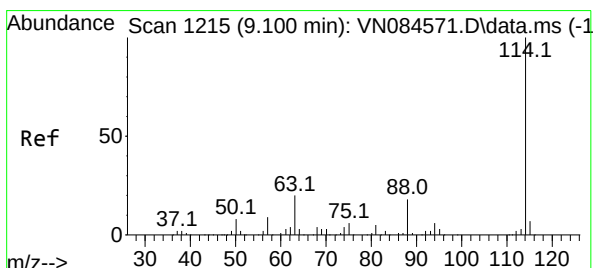
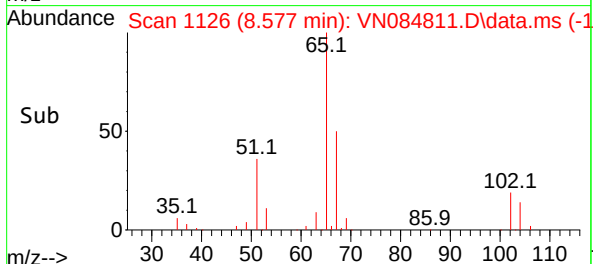
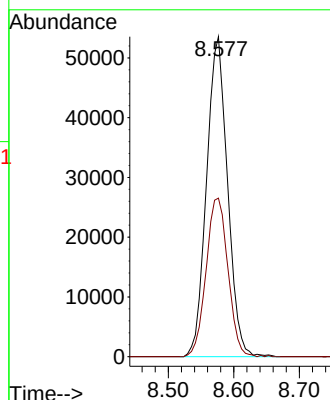
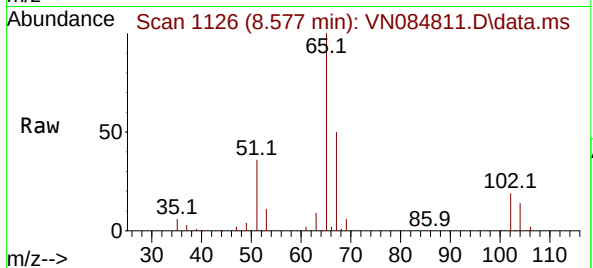
ClientSampleId :

Tgt Ion: 65 Resp: 119107

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084811.D

Acq: 12 Nov 2024 21:14

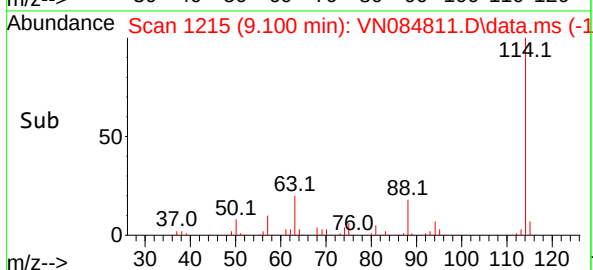
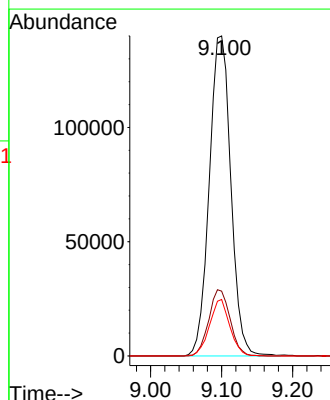
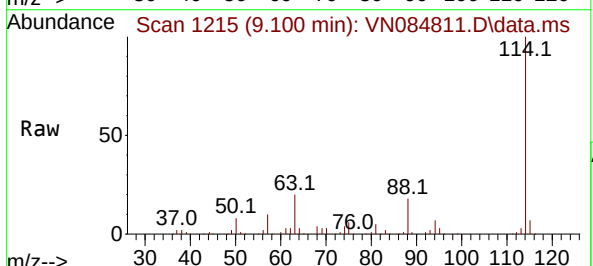
Tgt Ion: 114 Resp: 295194

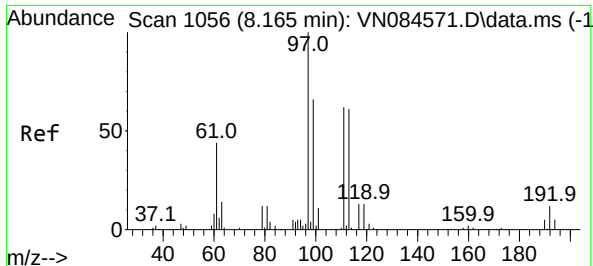
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.8

88 17.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.387 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

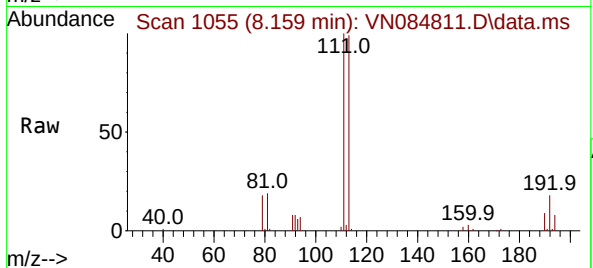
Lab File: VN084811.D

Acq: 12 Nov 2024 21:14

Instrument :

MSVOA_N

ClientSampleId :



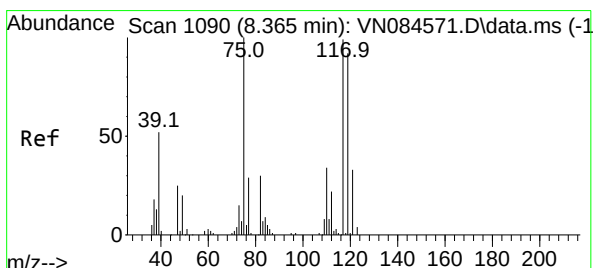
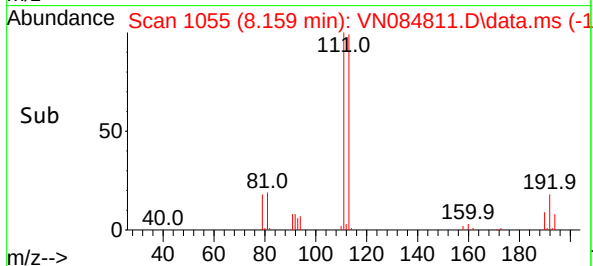
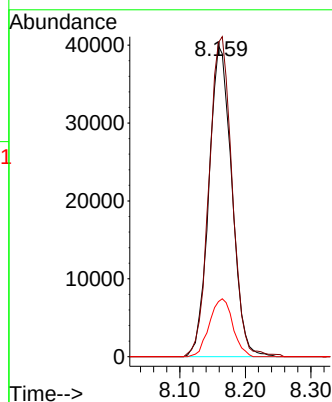
Tgt Ion:113 Resp: 96682

Ion Ratio Lower Upper

113 100

111 103.6 83.3 124.9

192 19.0 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.089 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084811.D

Acq: 12 Nov 2024 21:14

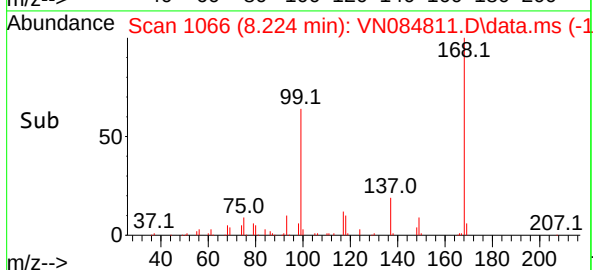
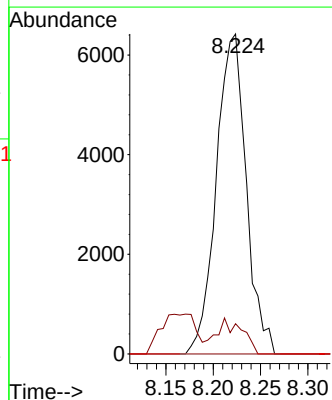
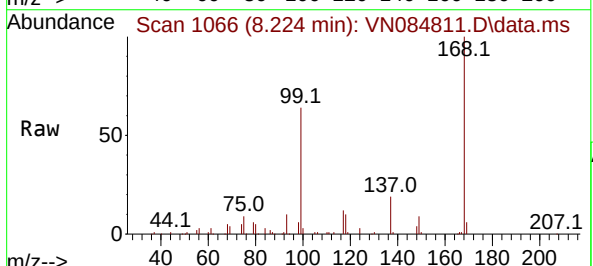
Tgt Ion: 75 Resp: 14102

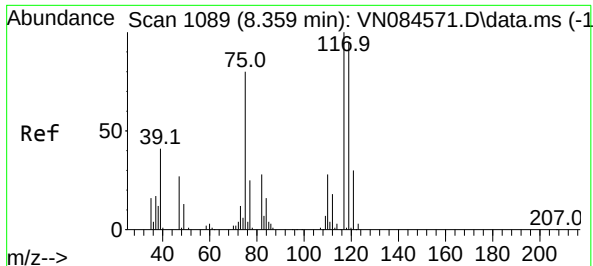
Ion Ratio Lower Upper

75 100

110 9.2 16.9 50.7#

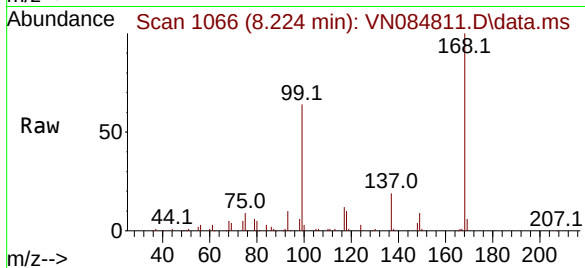
77 0.0 24.7 37.1#



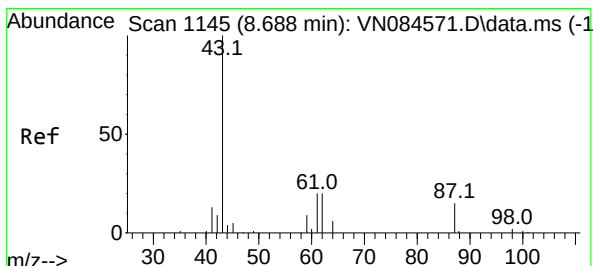
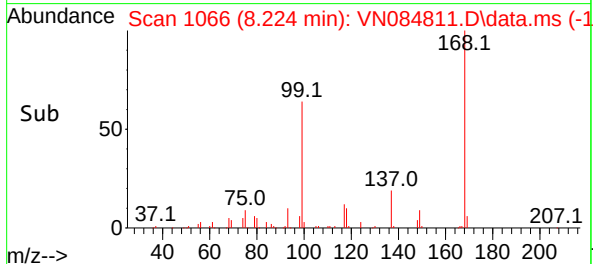
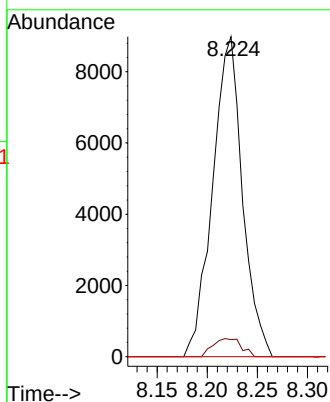


#38
Carbon Tetrachloride
Concen: 6.004 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN084811.D
Acq: 12 Nov 2024 21:14

Instrument :
MSVOA_N
ClientSampleId :

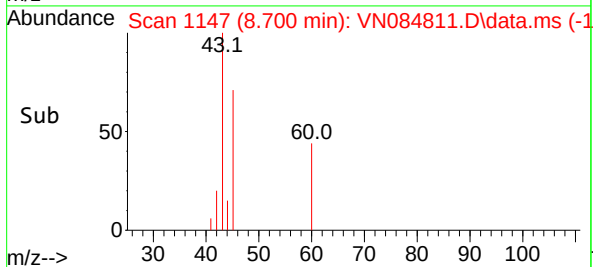
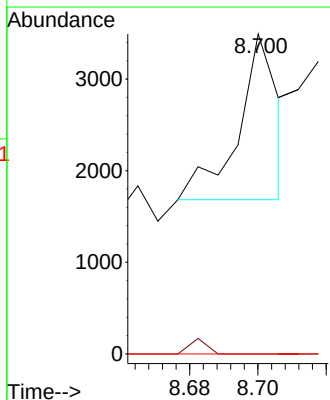
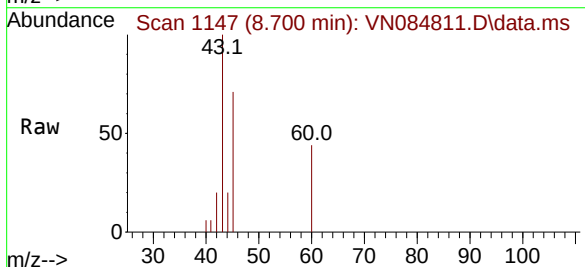


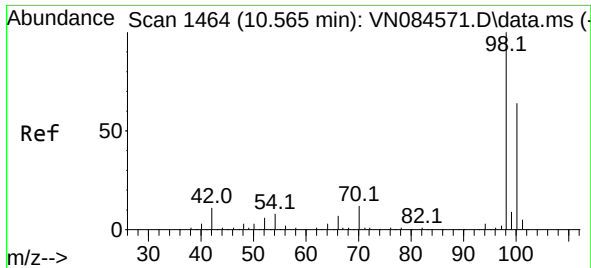
Tgt Ion:117 Resp: 18597
Ion Ratio Lower Upper
117 100
119 5.4 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.700 min Scan# 1147
Delta R.T. 0.012 min
Lab File: VN084811.D
Acq: 12 Nov 2024 21:14

Tgt Ion: 43 Resp: 1466
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#

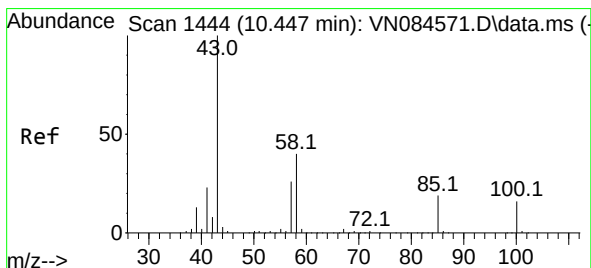
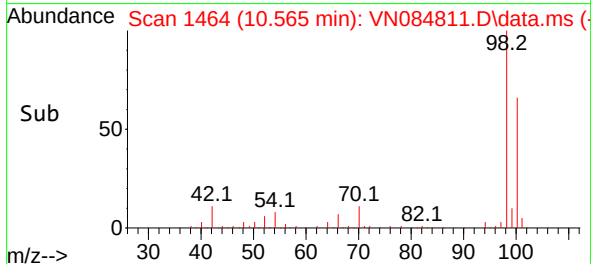
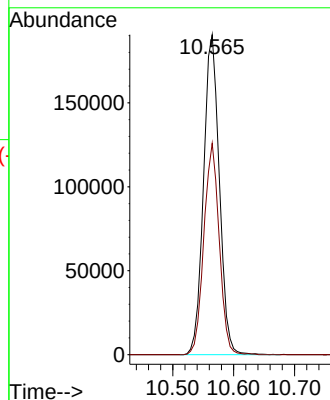
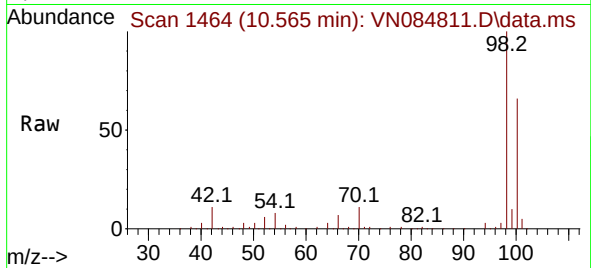




#50
Toluene-d8
Concen: 46.674 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084811.D
Acq: 12 Nov 2024 21:14

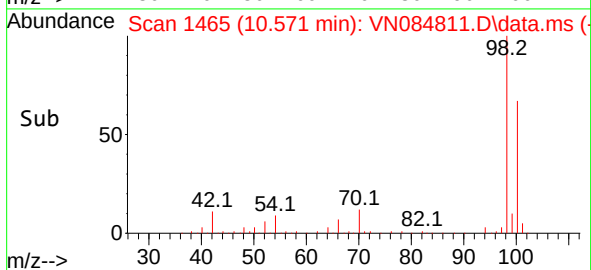
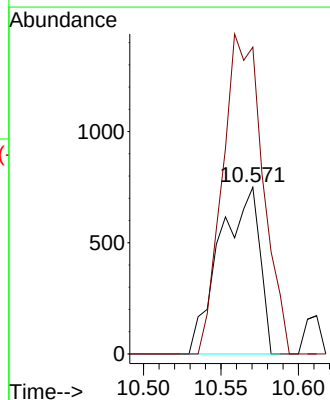
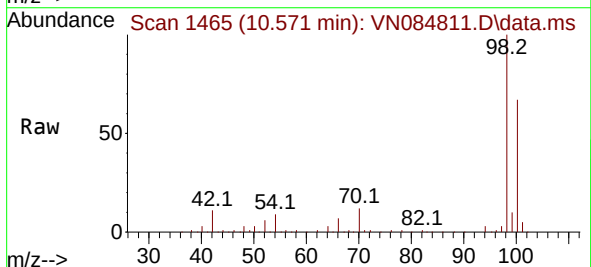
Instrument :
MSVOA_N
ClientSampleId :

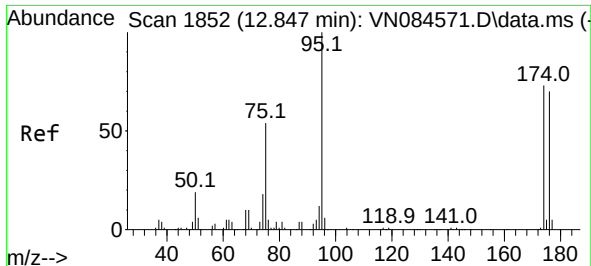
Tgt Ion: 98 Resp: 343541
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.559 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.129 min
Lab File: VN084811.D
Acq: 12 Nov 2024 21:14

Tgt Ion: 43 Resp: 1339
Ion Ratio Lower Upper
43 100
58 193.7 31.6 47.4#

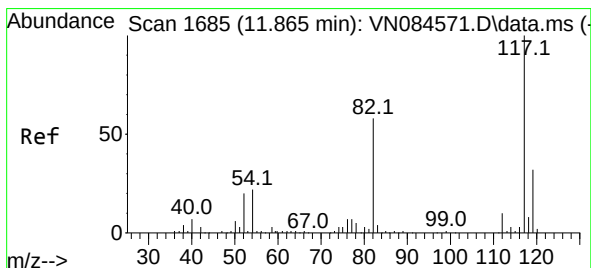
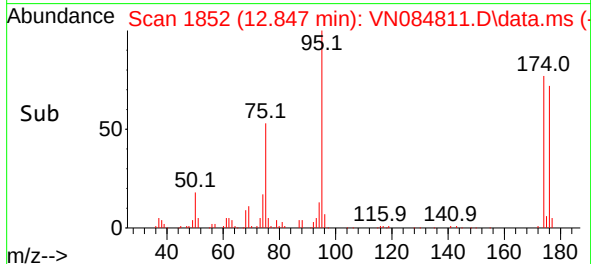
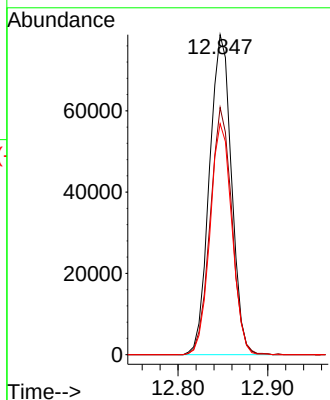
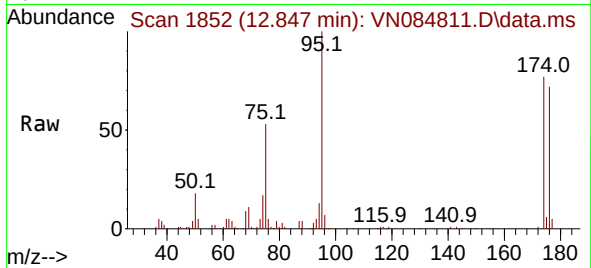




#62
4-Bromofluorobenzene
Concen: 48.755 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084811.D
Acq: 12 Nov 2024 21:14

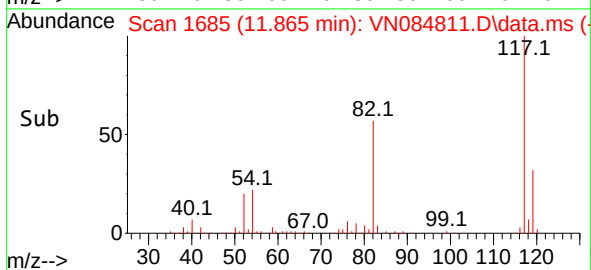
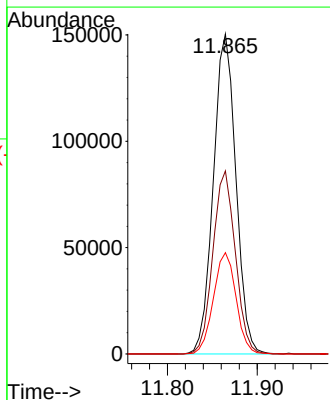
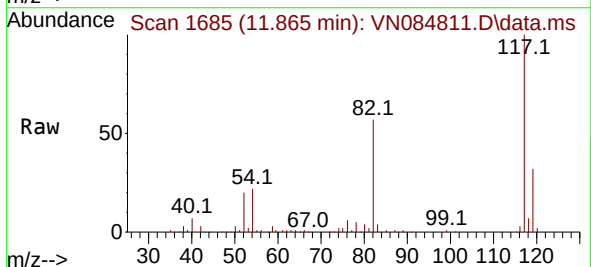
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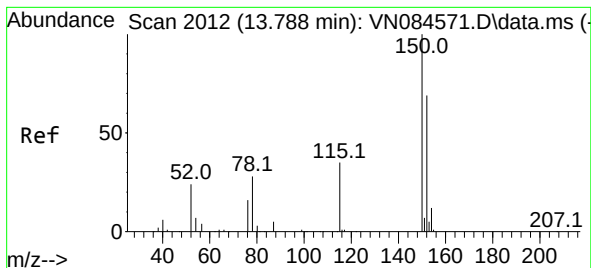
Tgt Ion: 95 Resp: 134115
Ion Ratio Lower Upper
95 100
174 76.0 0.0 145.2
176 71.7 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084811.D
Acq: 12 Nov 2024 21:14

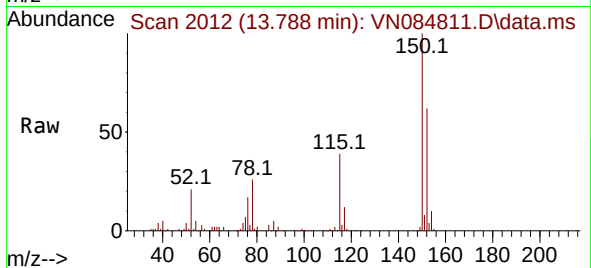
Tgt Ion: 117 Resp: 262652
Ion Ratio Lower Upper
117 100
82 57.2 47.2 70.8
119 31.6 25.4 38.0



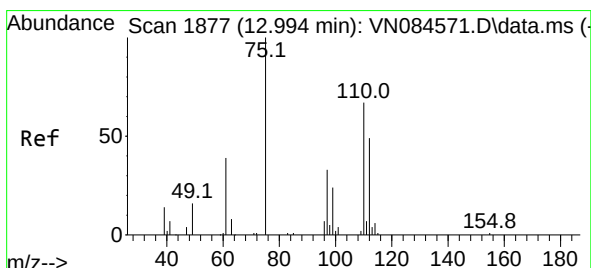
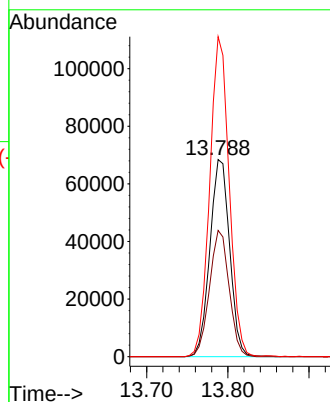
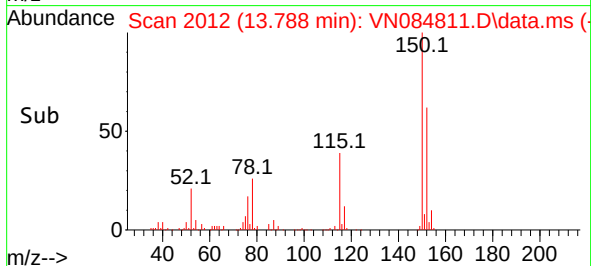


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084811.D
Acq: 12 Nov 2024 21:14

Instrument :
MSVOA_N
ClientSampleId :

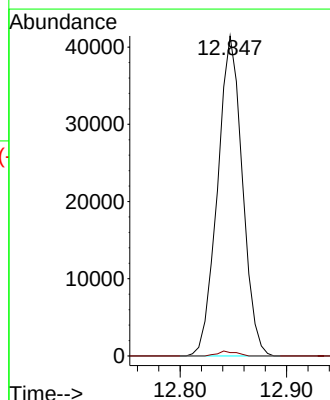
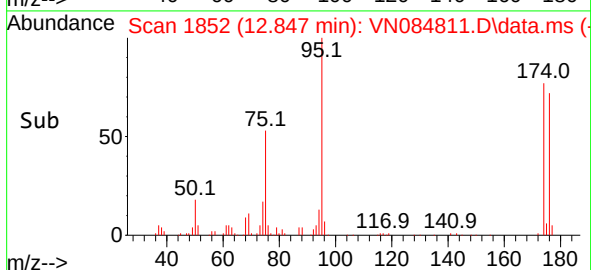
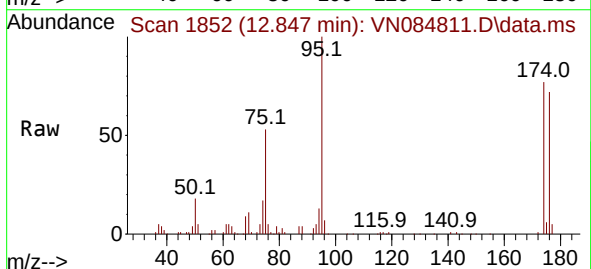


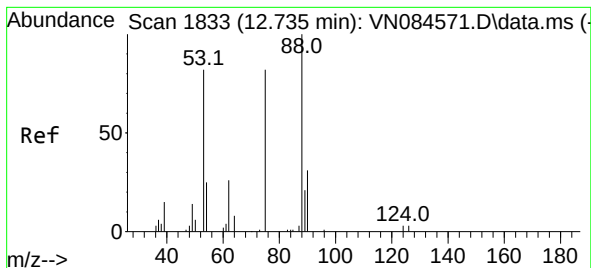
Tgt Ion:152 Resp: 115812
Ion Ratio Lower Upper
152 100
115 63.4 31.3 93.9
150 159.3 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 28.985 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084811.D
Acq: 12 Nov 2024 21:14

Tgt Ion: 75 Resp: 67100
Ion Ratio Lower Upper
75 100
77 1.1 96.9 290.7#

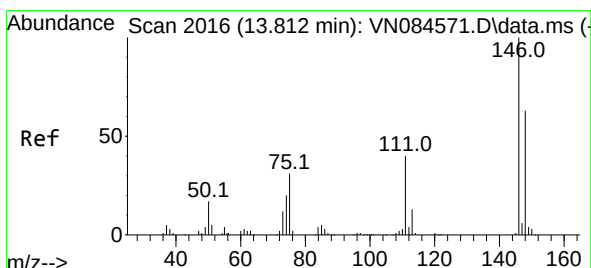
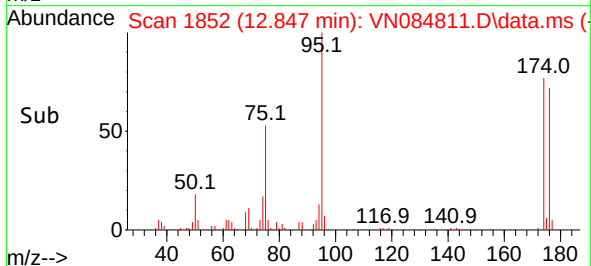
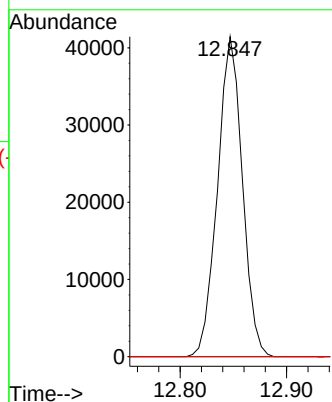
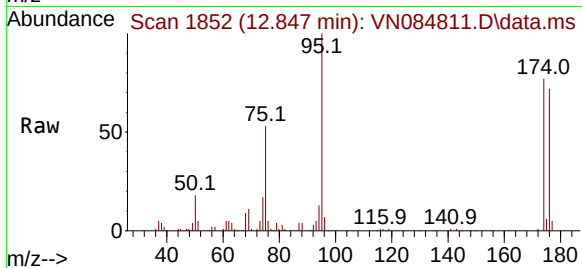




#81
trans-1,4-Dichloro-2-butene
Concen: 68.763 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN084811.D
Acq: 12 Nov 2024 21:14

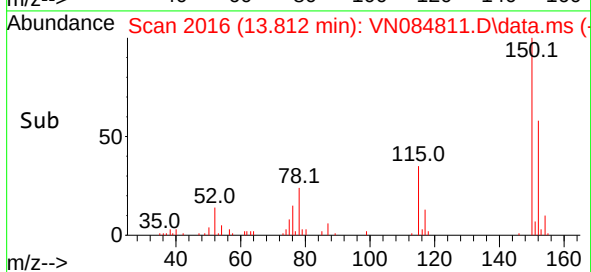
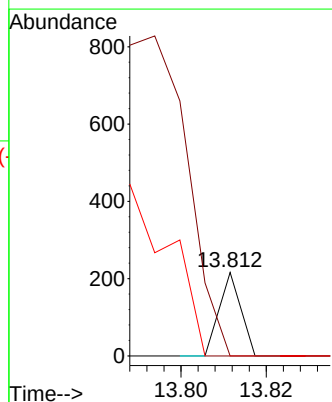
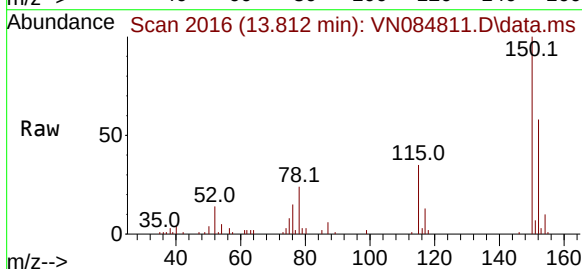
Instrument :
MSVOA_N
ClientSampleId :

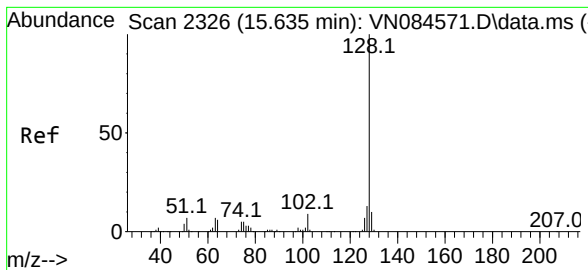
Tgt Ion: 75 Resp: 67100
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084811.D
Acq: 12 Nov 2024 21:14

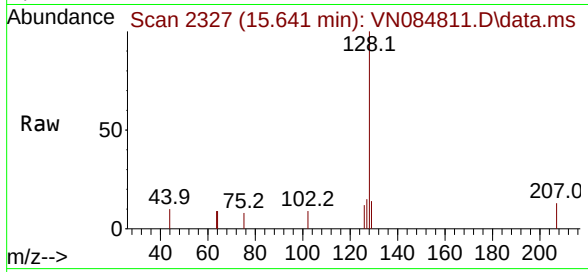
Tgt Ion:146 Resp: 76
Ion Ratio Lower Upper
146 100
111 0.0 21.2 63.6#
148 0.0 31.9 95.9#





#95
Naphthalene
Concen: 0.788 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN084811.D
Acq: 12 Nov 2024 21:14

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	5281
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.1	8.7	13.1

