

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012422\
 Data File : VN070747.D
 Acq On : 24 Jan 2022 11:11
 Operator : JC/MD
 Sample : VN0124WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124WBL01

Quant Time: Jan 24 23:28:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

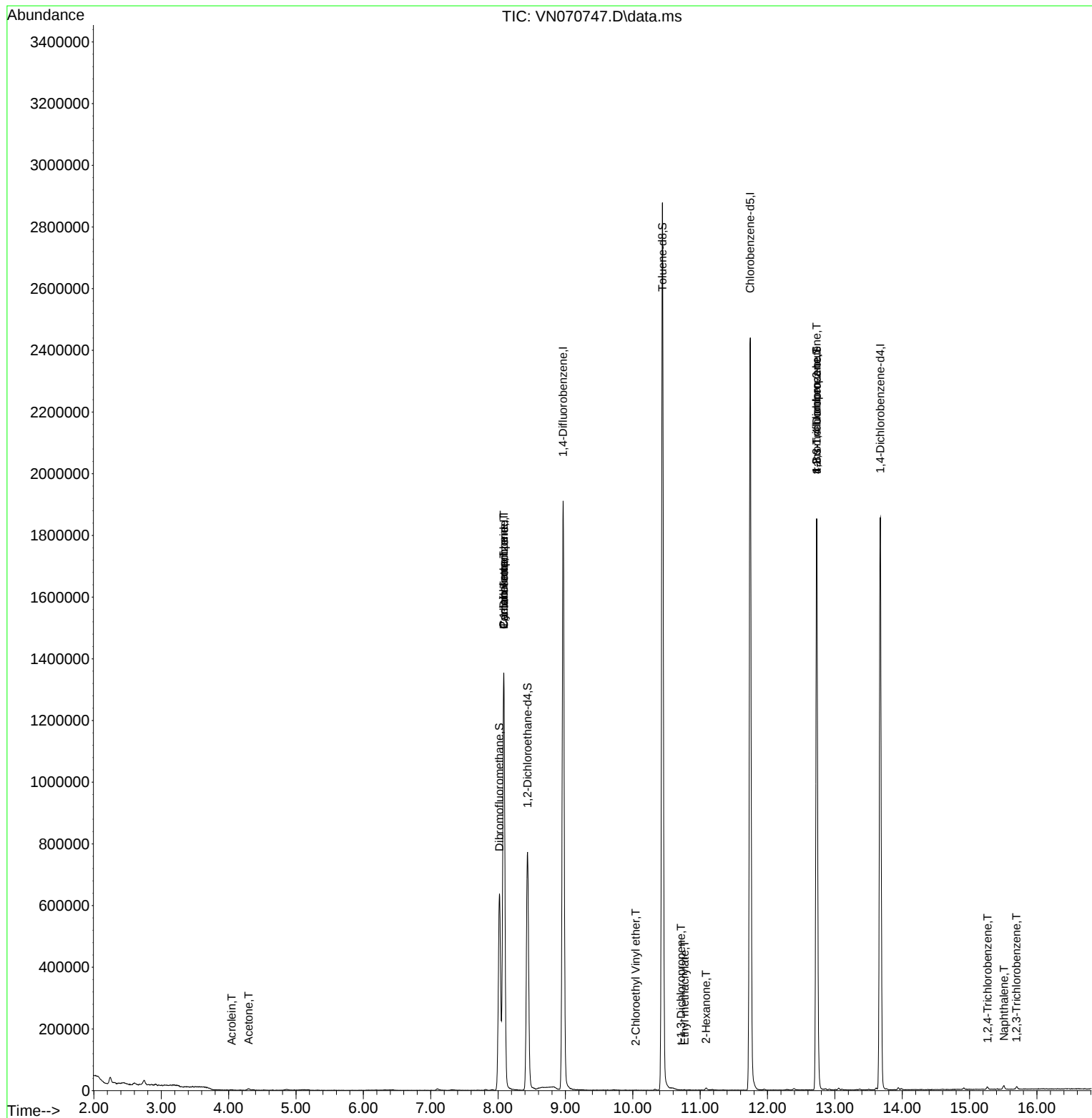
Internal Standards						
1) Pentafluorobenzene	8.086	168	1024281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1624825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1426518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	518531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	675261	46.000	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.000%		
35) Dibromofluoromethane	8.019	113	468840	46.517	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.040%		
50) Toluene-d8	10.440	98	1988681	46.837	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.680%		
62) 4-Bromofluorobenzene	12.731	95	700709	46.312	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.620%		
Target Compounds						Qvalue
13) Acrolein	4.044	56	842	0.222	ug/l #	20
16) Acetone	4.296	43	5225	0.513	ug/l #	87
30) Chloroform	7.812	83	2677	Below Cal		86
31) Cyclohexane	8.083	56	22753	0.880	ug/l #	11
36) 1,1-Dichloropropene	8.083	75	85127	5.017	ug/l #	50
38) Carbon Tetrachloride	8.086	117	103708	6.871	ug/l #	17
53) t-1,3-Dichloropropene	10.717	75	90	2.408	ug/l #	88
56) Ethyl methacrylate	10.770	69	551	2.324	ug/l	90
58) 2-Chloroethyl Vinyl ether	10.043	63	358	21.292	ug/l #	45
59) 2-Hexanone	11.087	43	5801	0.364	ug/l	91
76) 1,2,3-Trichloropropane	12.731	75	371458	27.010	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	371458	80.466	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.268	180	2858	3.703	ug/l	93
95) Naphthalene	15.509	128	11281	5.327	ug/l	94
96) 1,2,3-Trichlorobenzene	15.697	180	3165	3.539	ug/l #	86

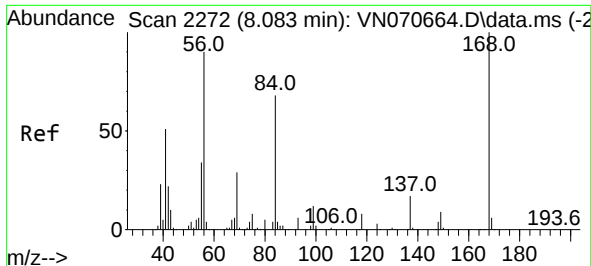
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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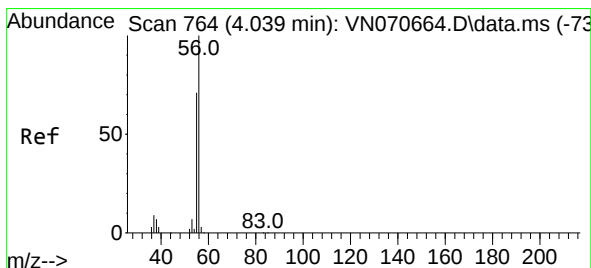
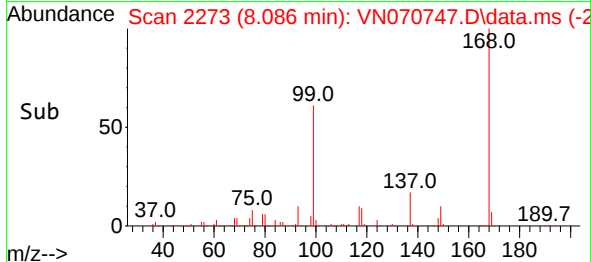
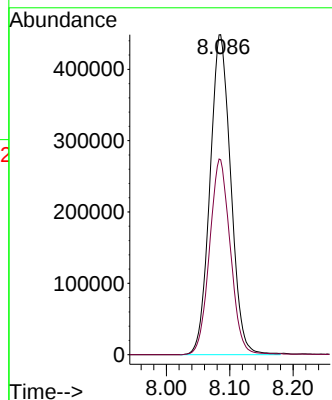
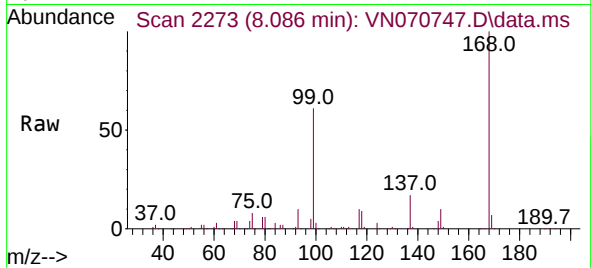




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070747.D
Acq: 24 Jan 2022 11:11

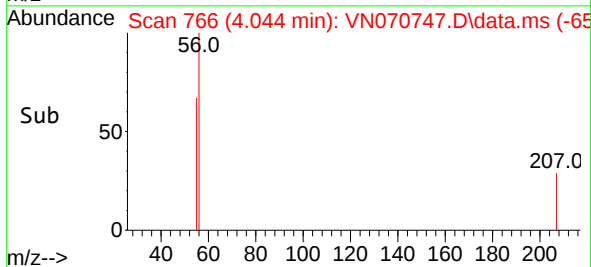
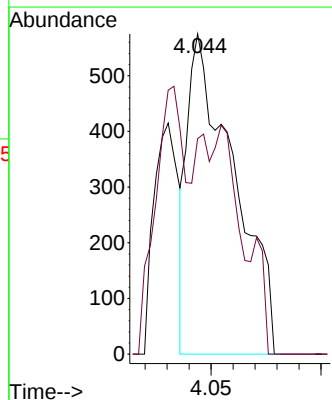
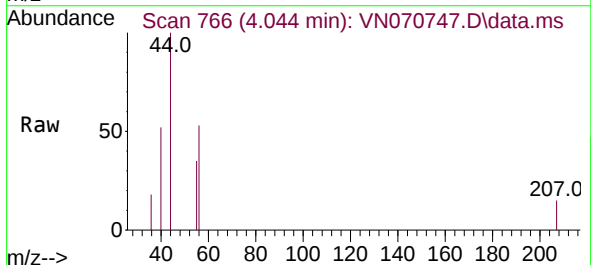
Instrument :
MSVOA_N
ClientSampleId :
VN0124WBL01

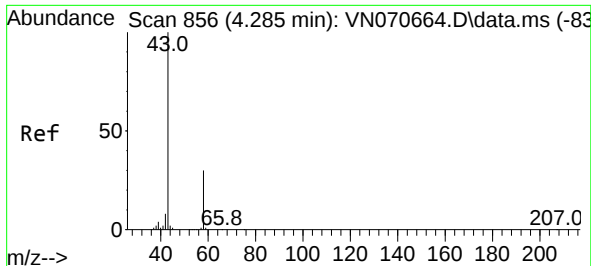
Tgt Ion:168 Resp: 1024281
Ion Ratio Lower Upper
168 100
99 60.9 41.3 61.9



#13
Acrolein
Concen: 0.222 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN070747.D
Acq: 24 Jan 2022 11:11

Tgt Ion: 56 Resp: 842
Ion Ratio Lower Upper
56 100
55 5.1 56.6 85.0#

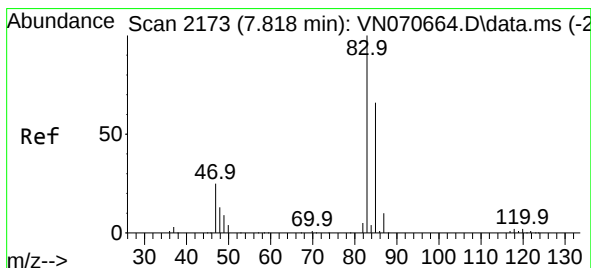
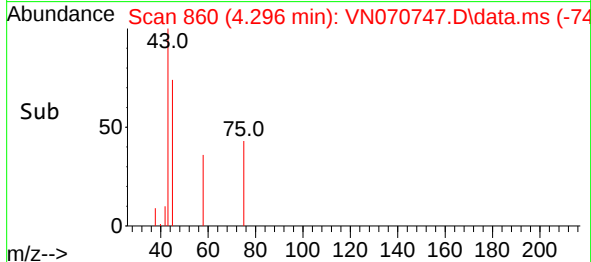
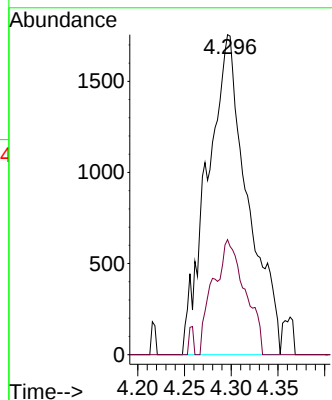
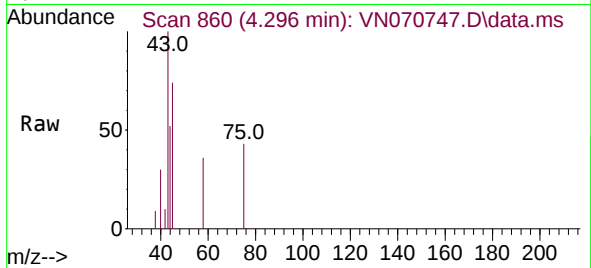




#16
Acetone
Concen: 0.513 ug/l
RT: 4.296 min Scan# 80
Delta R.T. 0.011 min
Lab File: VN070747.D
Acq: 24 Jan 2022 11:11

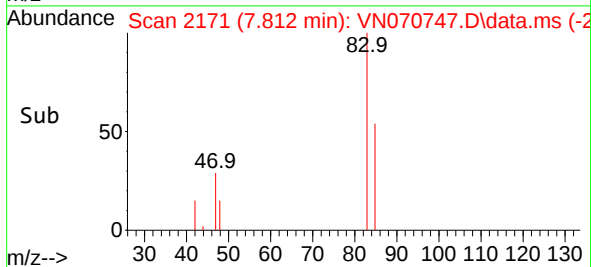
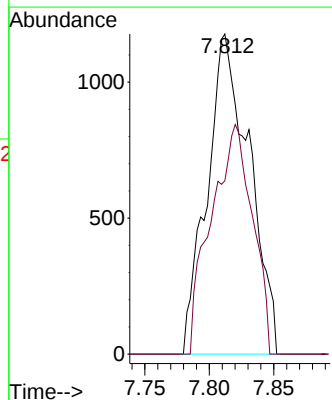
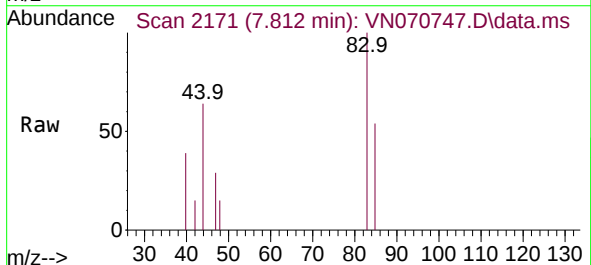
Instrument :
MSVOA_N
ClientSampleId :
VN0124WBL01

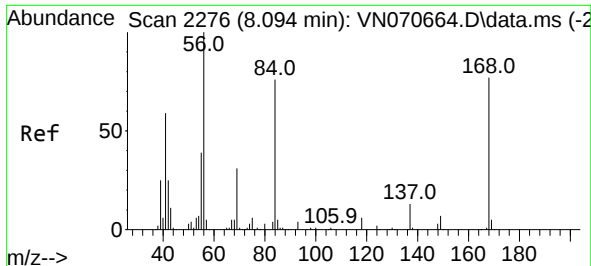
Tgt Ion: 43 Resp: 5225
Ion Ratio Lower Upper
43 100
58 35.9 23.1 34.7#



#30
Chloroform
Concen: Below Cal
RT: 7.812 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VN070747.D
Acq: 24 Jan 2022 11:11

Tgt Ion: 83 Resp: 2677
Ion Ratio Lower Upper
83 100
85 54.1 51.9 77.9

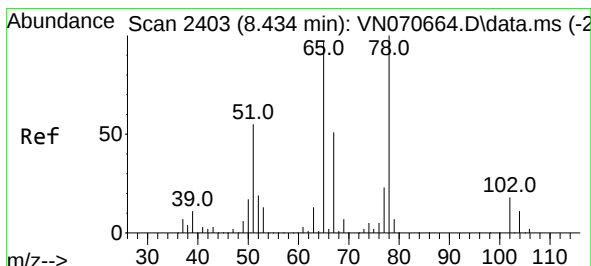
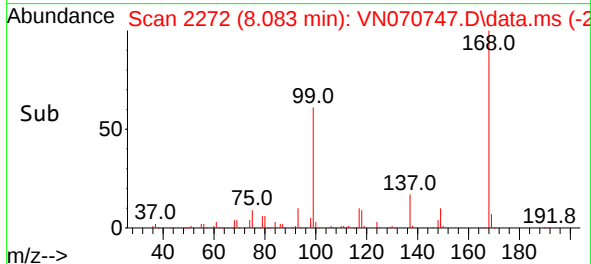
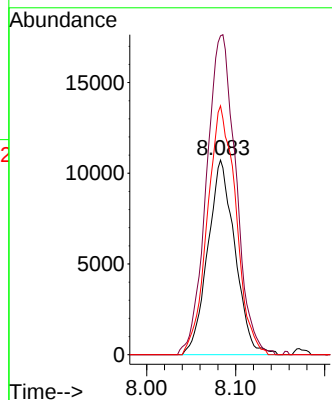
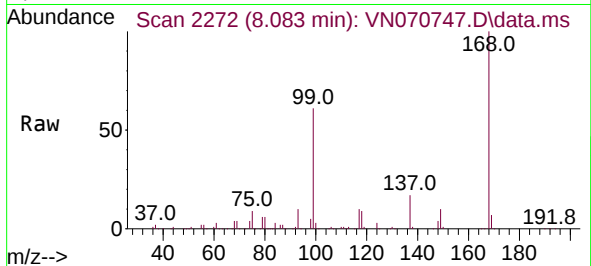




#31
Cyclohexane
Concen: 0.880 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN070747.D
Acq: 24 Jan 2022 11:11

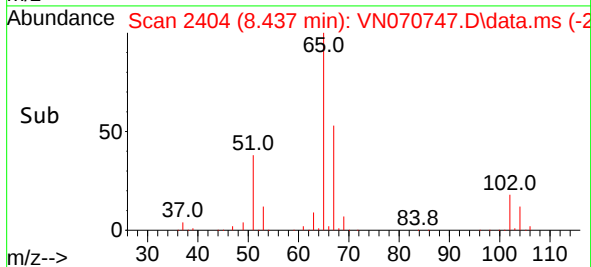
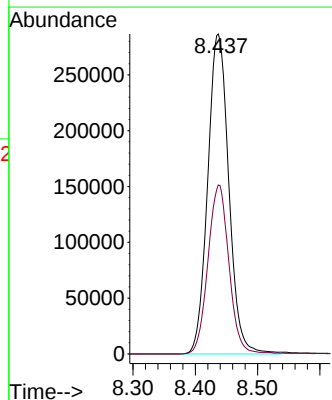
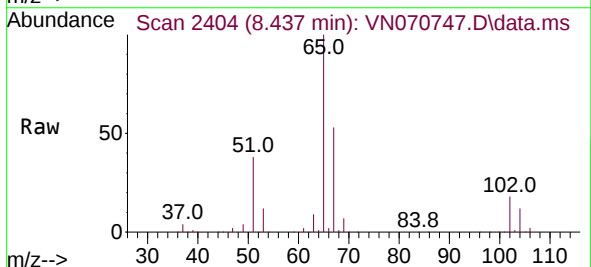
Instrument :
MSVOA_N
ClientSampleId :
VN0124WBL01

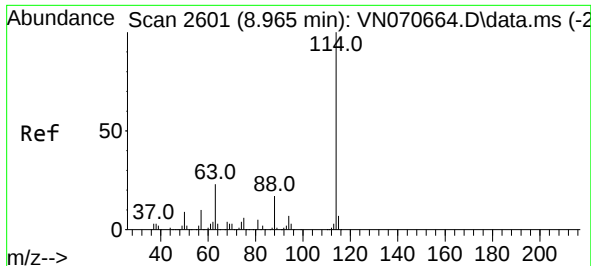
Tgt Ion: 56 Resp: 22753
Ion Ratio Lower Upper
56 100
69 163.8 27.1 40.7#
84 127.8 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 46.000 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070747.D
Acq: 24 Jan 2022 11:11

Tgt Ion: 65 Resp: 675261
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.0

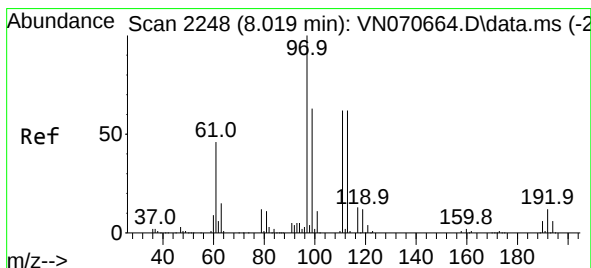
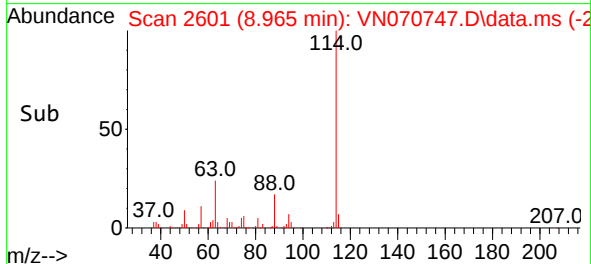
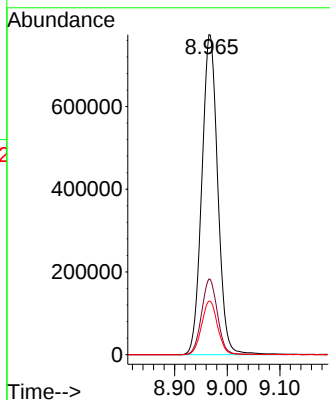
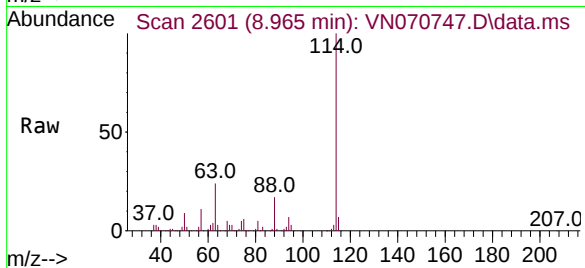




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VN070747.D
Acq: 24 Jan 2022 11:11

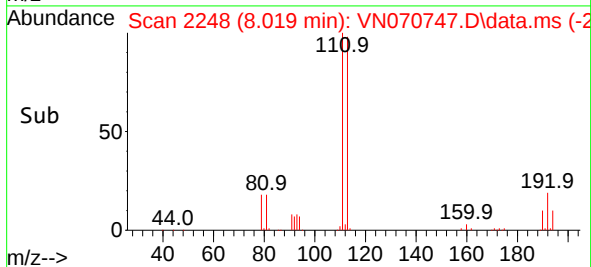
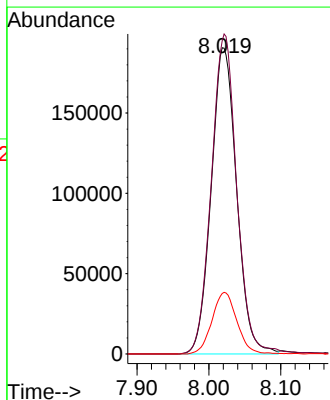
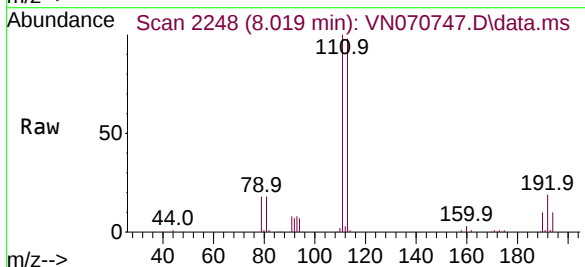
Instrument :
MSVOA_N
ClientSampleId :
VN0124WBL01

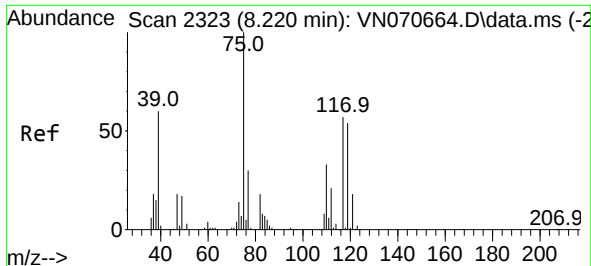
Tgt Ion:114 Resp: 1624825
Ion Ratio Lower Upper
114 100
63 23.7 0.0 37.8
88 16.7 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.517 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.000 min
Lab File: VN070747.D
Acq: 24 Jan 2022 11:11

Tgt Ion:113 Resp: 468840
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.2
192 19.7 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.017 ug/l

RT: 8.083 min Scan# 21

Delta R.T. -0.137 min

Lab File: VN070747.D

Acq: 24 Jan 2022 11:11

Instrument :

MSVOA_N

ClientSampleId :

VN0124WBL01

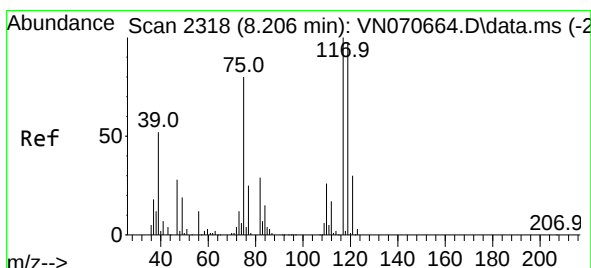
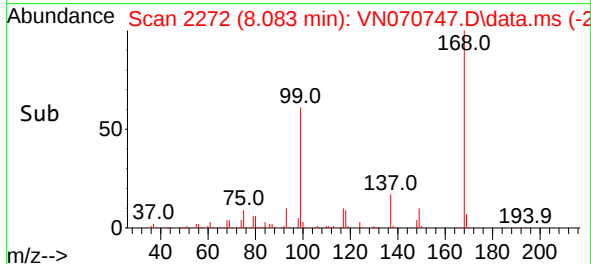
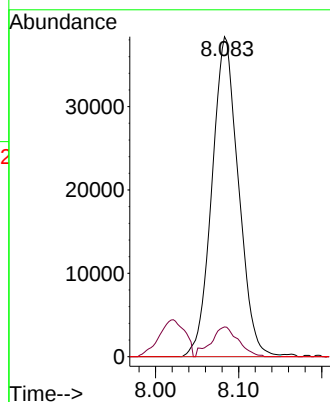
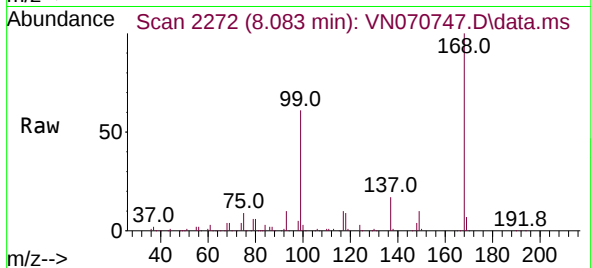
Tgt Ion: 75 Resp: 85127

Ion Ratio Lower Upper

75 100

110 9.6 18.4 55.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.871 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.120 min

Lab File: VN070747.D

Acq: 24 Jan 2022 11:11

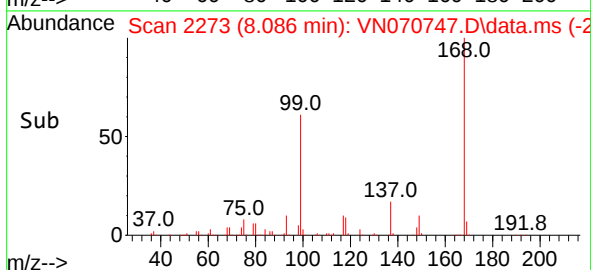
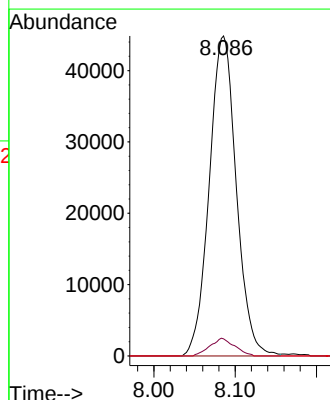
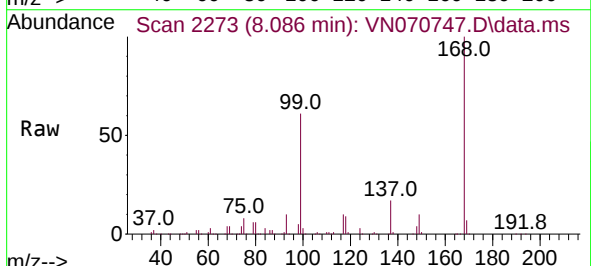
Tgt Ion: 117 Resp: 103708

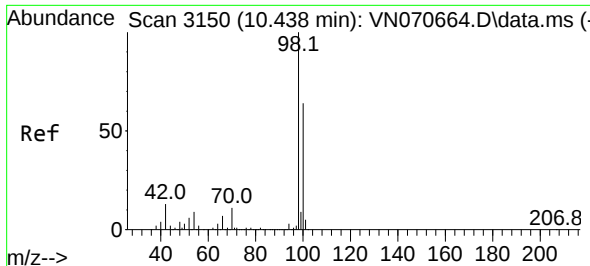
Ion Ratio Lower Upper

117 100

119 5.3 76.1 114.1#

121 0.0 24.2 36.2#

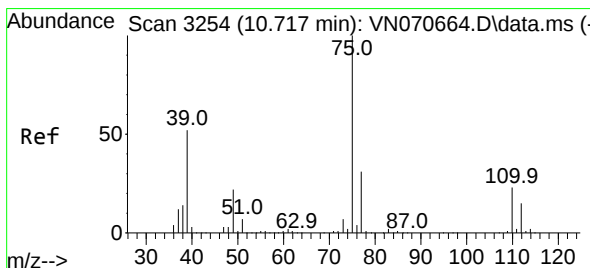
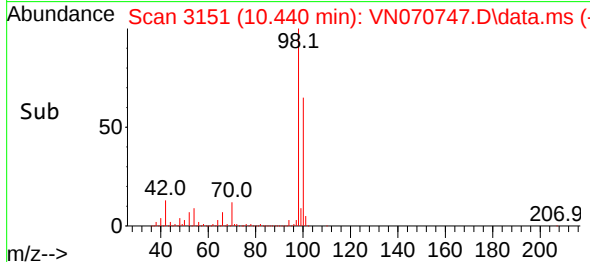
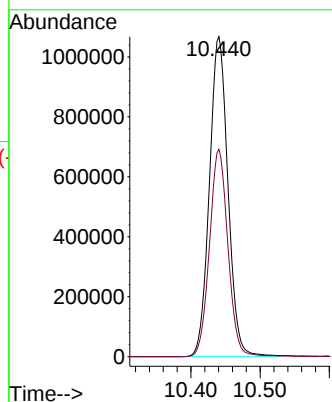
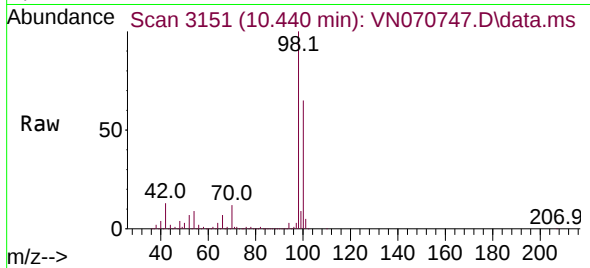




#50
Toluene-d8
Concen: 46.837 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070747.D
Acq: 24 Jan 2022 11:11

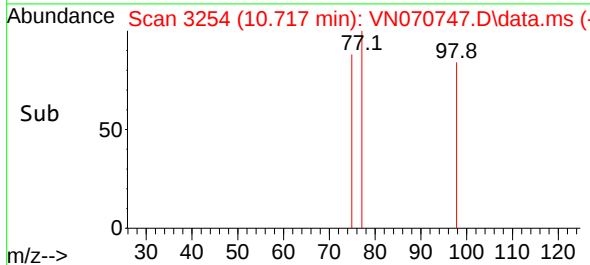
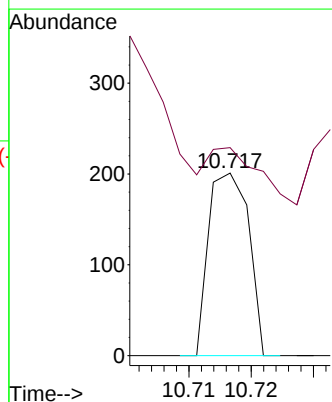
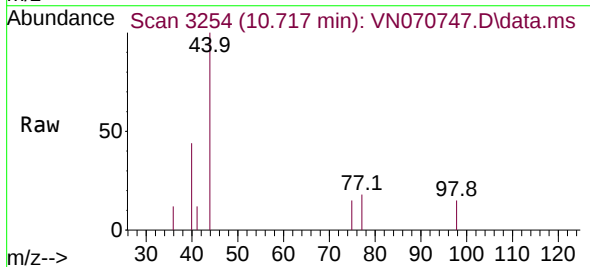
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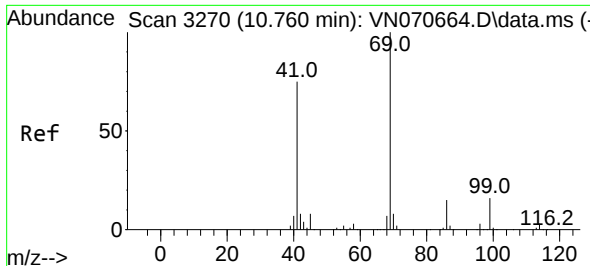
Tgt Ion: 98 Resp: 1988681
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6



#53
t-1,3-Dichloropropene
Concen: 2.408 ug/l
RT: 10.717 min Scan# 3254
Delta R.T. -0.000 min
Lab File: VN070747.D
Acq: 24 Jan 2022 11:11

Tgt Ion: 75 Resp: 90
Ion Ratio Lower Upper
75 100
77 25.4 25.6 38.4#

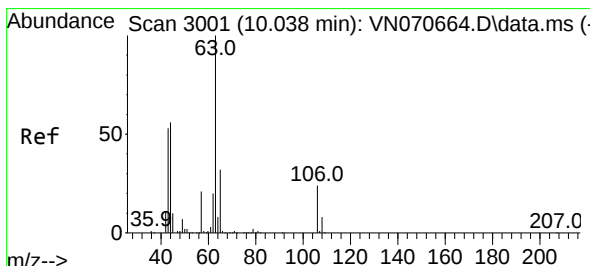
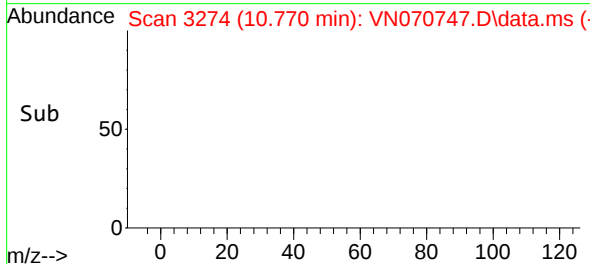
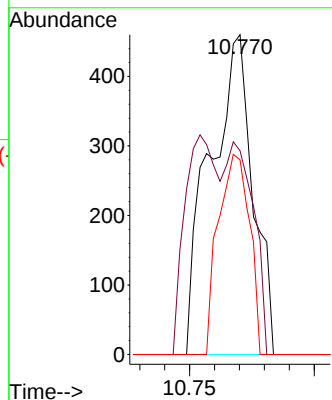
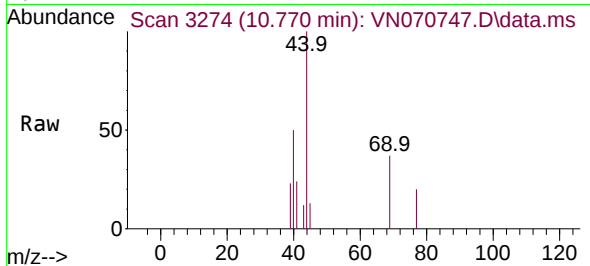




#56
Ethyl methacrylate
Concen: 2.324 ug/l
RT: 10.770 min Scan# 31
Delta R.T. 0.010 min
Lab File: VN070747.D
Acq: 24 Jan 2022 11:11

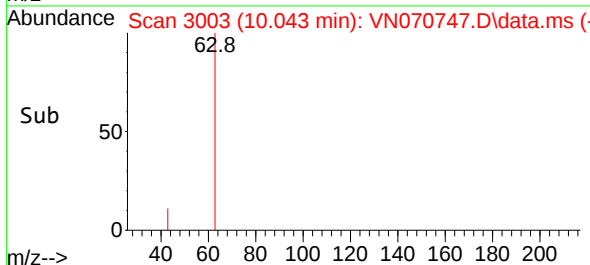
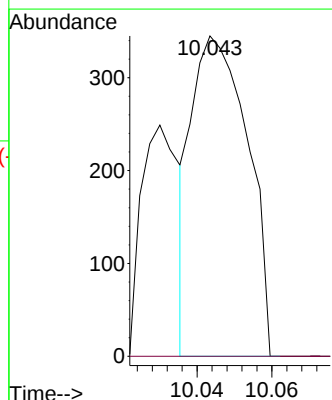
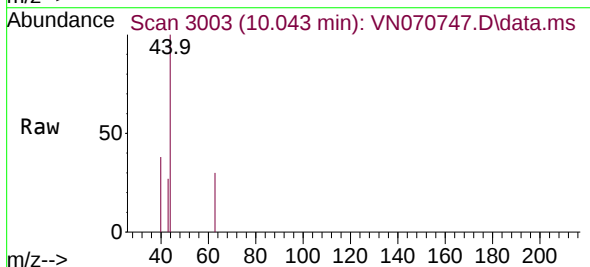
Instrument :
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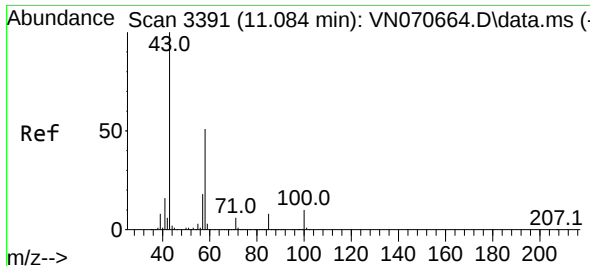
Tgt Ion: 69 Resp: 551
Ion Ratio Lower Upper
69 100
41 53.4 51.4 77.0
39 45.4 34.6 52.0



#58
2-Chloroethyl Vinyl ether
Concen: 21.292 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.005 min
Lab File: VN070747.D
Acq: 24 Jan 2022 11:11

Tgt Ion: 63 Resp: 358
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

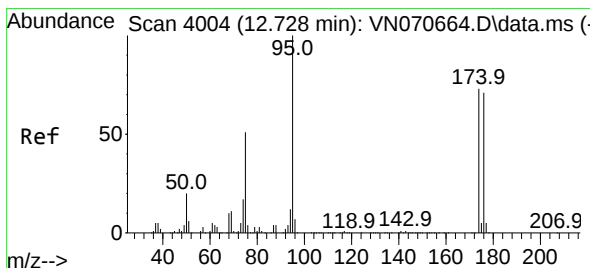
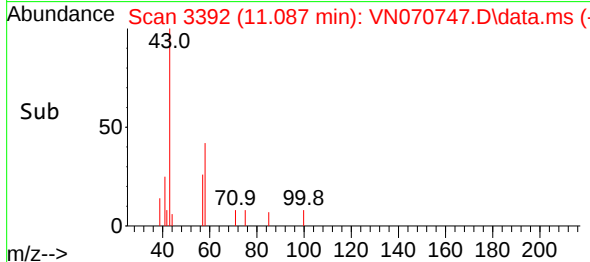
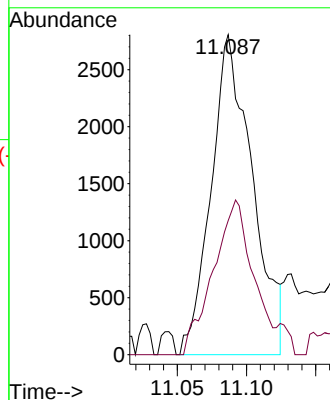
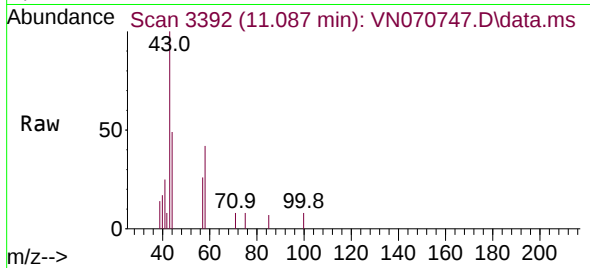




#59
2-Hexanone
Concen: 0.364 ug/l
RT: 11.087 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070747.D
Acq: 24 Jan 2022 11:11

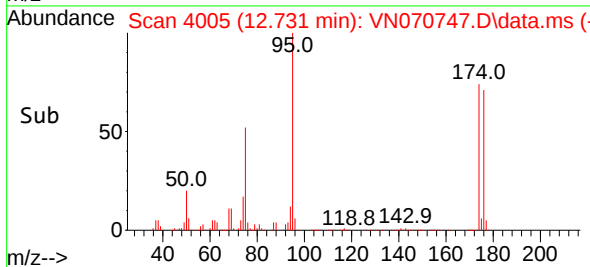
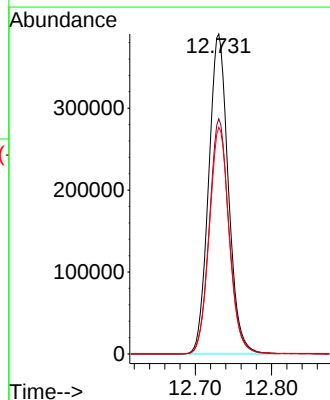
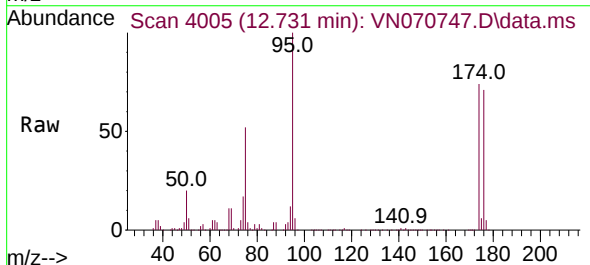
Instrument :
MSVOA_N
ClientSampleId :
VN0124WBL01

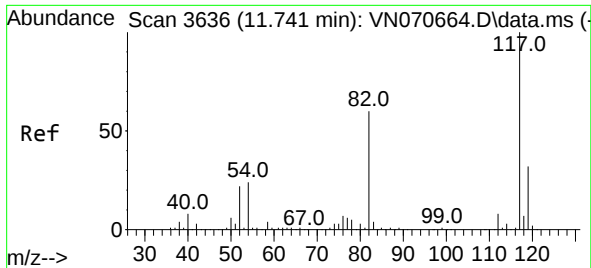
Tgt Ion: 43 Resp: 5801
Ion Ratio Lower Upper
43 100
58 47.1 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 46.312 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070747.D
Acq: 24 Jan 2022 11:11

Tgt Ion: 95 Resp: 700709
Ion Ratio Lower Upper
95 100
174 73.7 0.0 187.2
176 71.3 0.0 181.4

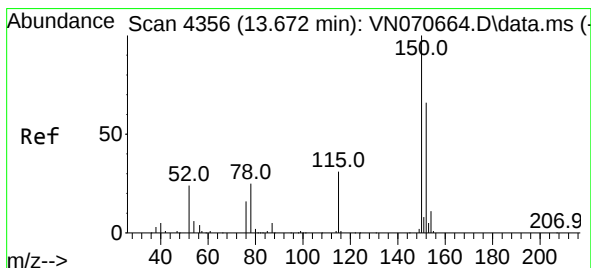
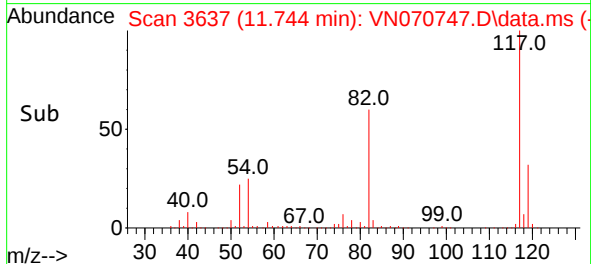
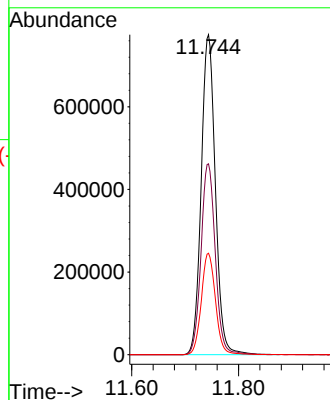
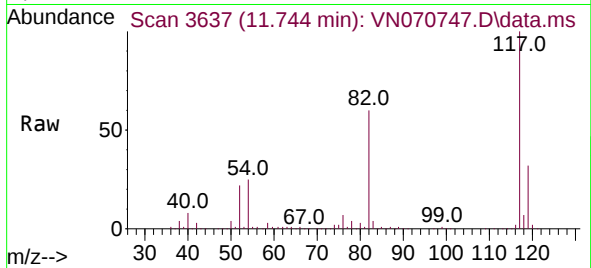




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070747.D
Acq: 24 Jan 2022 11:11

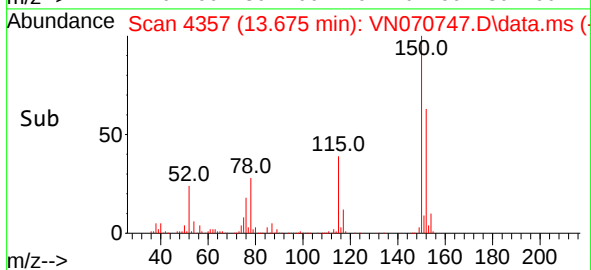
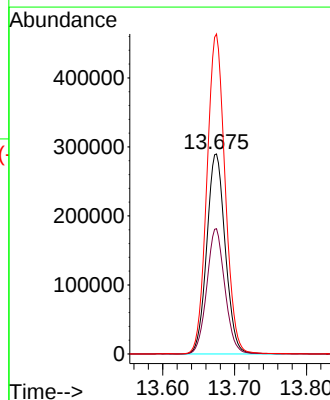
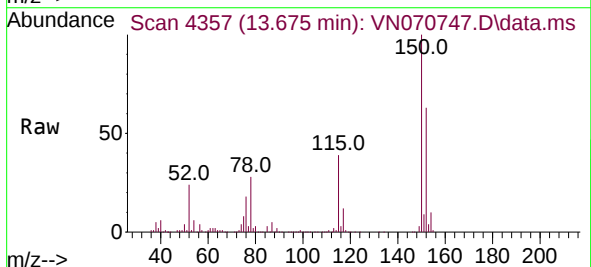
Instrument :
MSVOA_N
ClientSampleId :
VN0124WBL01

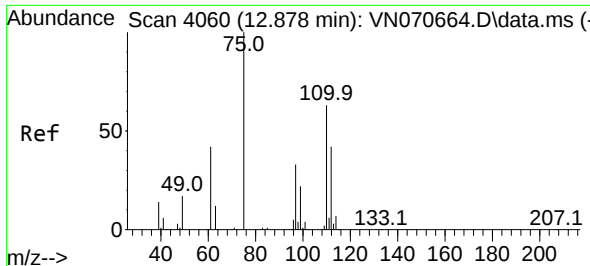
Tgt Ion:117 Resp: 1426518
Ion Ratio Lower Upper
117 100
82 59.7 42.4 63.6
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070747.D
Acq: 24 Jan 2022 11:11

Tgt Ion:152 Resp: 518531
Ion Ratio Lower Upper
152 100
115 61.4 27.5 82.5
150 157.9 0.0 344.4

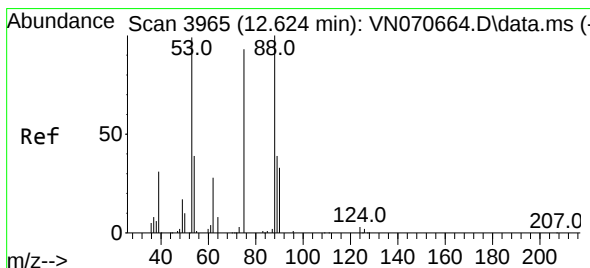
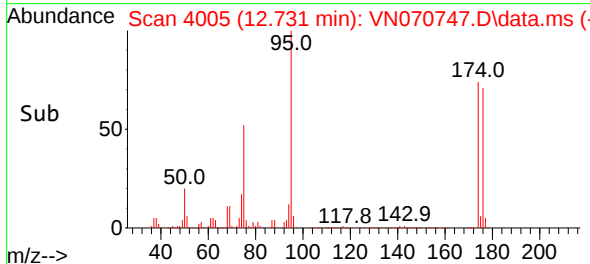
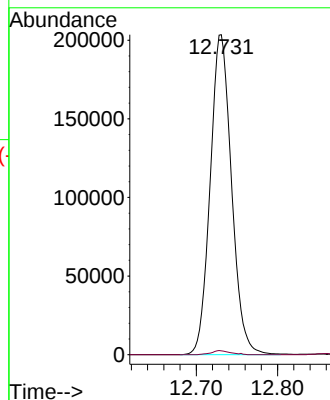
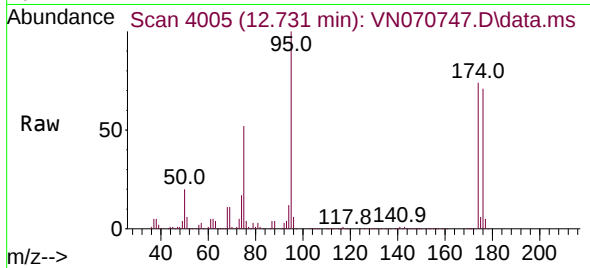




#76
1,2,3-Trichloropropane
Concen: 27.010 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070747.D
Acq: 24 Jan 2022 11:11

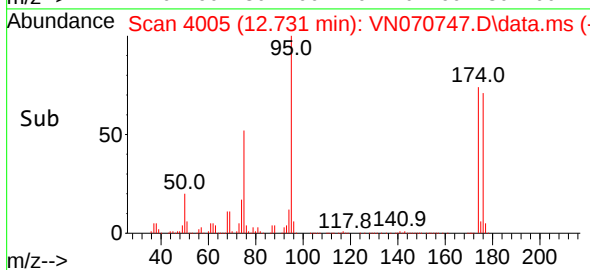
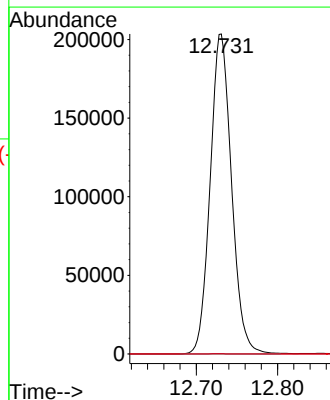
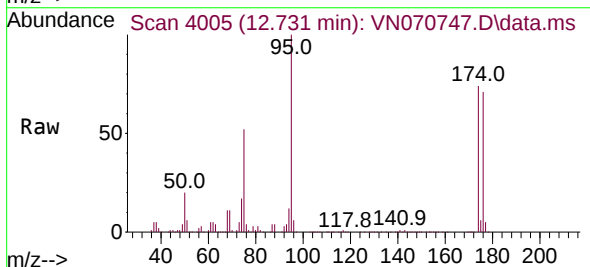
Instrument :
MSVOA_N
ClientSampleId :
VN0124WBL01

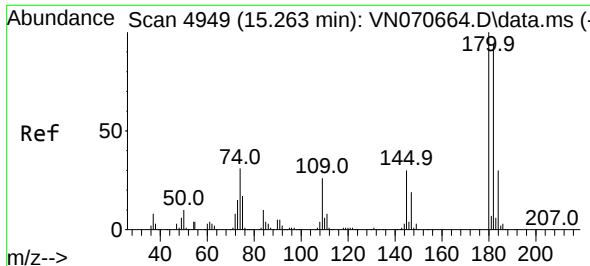
Tgt Ion: 75 Resp: 371458
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.466 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070747.D
Acq: 24 Jan 2022 11:11

Tgt Ion: 75 Resp: 371458
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#

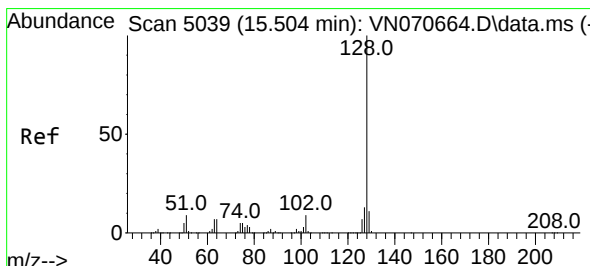
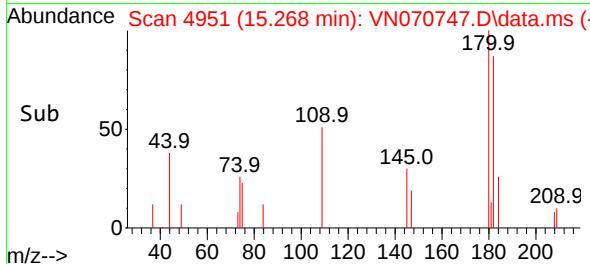
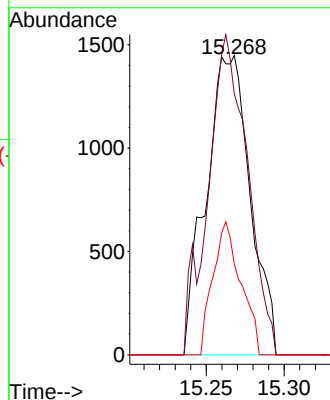
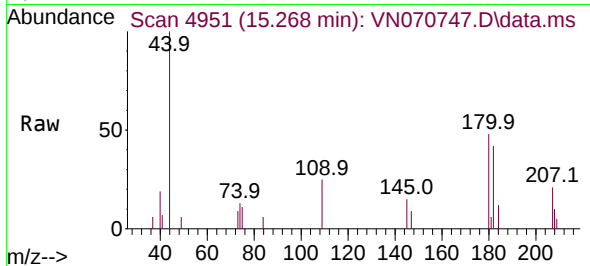




#93
1,2,4-Trichlorobenzene
Concen: 3.703 ug/l
RT: 15.268 min Scan# 4949
Delta R.T. 0.005 min
Lab File: VN070747.D
Acq: 24 Jan 2022 11:11

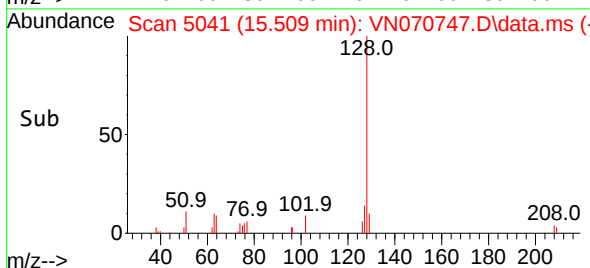
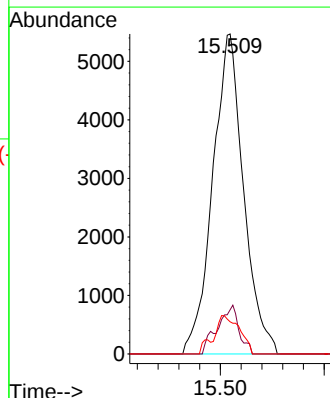
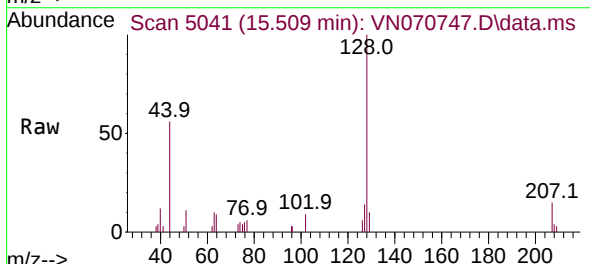
Instrument :
MSVOA_N
ClientSampleId :
VN0124WBL01

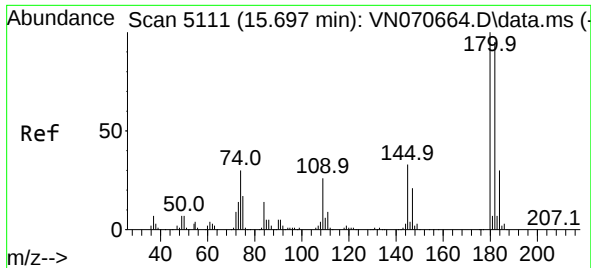
Tgt Ion:180 Resp: 2858
Ion Ratio Lower Upper
180 100
182 88.1 48.3 144.9
145 28.0 14.5 43.5



#95
Naphthalene
Concen: 5.327 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.005 min
Lab File: VN070747.D
Acq: 24 Jan 2022 11:11

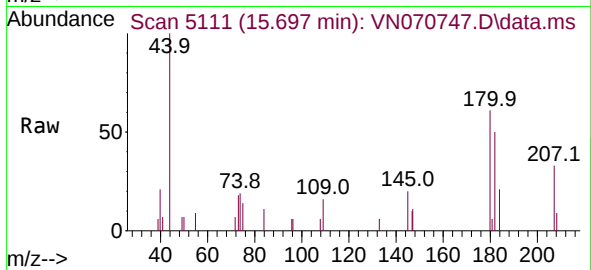
Tgt Ion:128 Resp: 11281
Ion Ratio Lower Upper
128 100
127 10.6 10.5 15.7
129 8.8 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.539 ug/l
 RT: 15.697 min Scan# 5111
 Delta R.T. 0.000 min
 Lab File: VN070747.D
 Acq: 24 Jan 2022 11:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124WBL01



Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	47.4	142.2
145	3.1	15.0	45.1#

