

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012122\
 Data File : VN070727.D
 Acq On : 21 Jan 2022 12:16
 Operator : JC/MD
 Sample : VN0121WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 22 05:28:01 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)

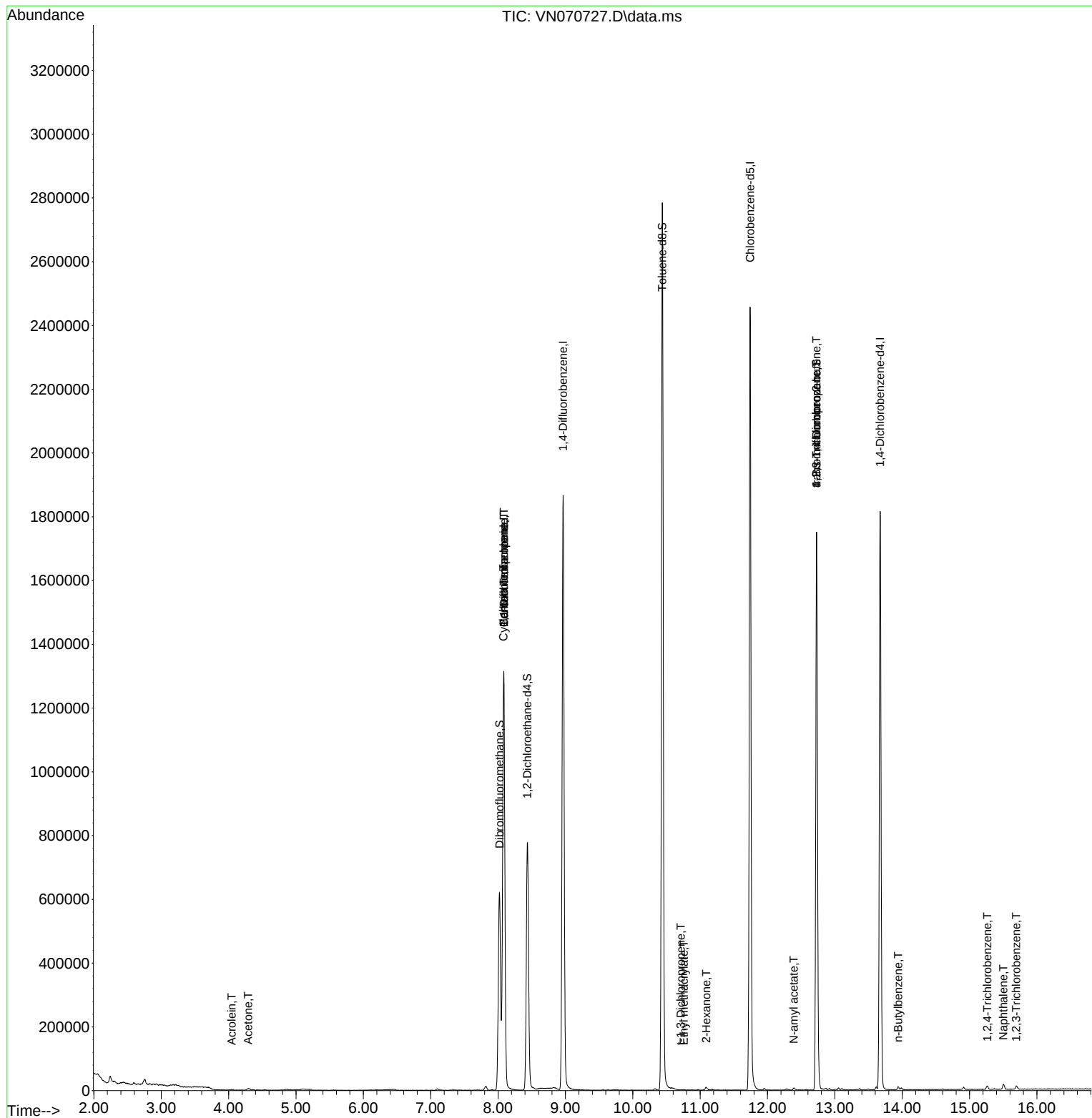
Internal Standards						
1) Pentafluorobenzene	8.086	168	985598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1588730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1398992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	498423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	670996	47.504	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.000%
35) Dibromofluoromethane	8.021	113	462660	46.947	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.900%
50) Toluene-d8	10.438	98	1950979	46.993	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.980%
62) 4-Bromofluorobenzene	12.728	95	656199	44.356	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.720%
Target Compounds						
					Qvalue	
13) Acrolein	4.044	56	1267	0.347	ug/l #	44
16) Acetone	4.288	43	3263	0.333	ug/l	100
31) Cyclohexane	8.080	56	22904	0.921	ug/l #	11
36) 1,1-Dichloropropene	8.086	75	81683	4.923	ug/l #	48
38) Carbon Tetrachloride	8.086	117	101130	6.852	ug/l #	16
53) t-1,3-Dichloropropene	10.711	75	295	2.418	ug/l #	43
56) Ethyl methacrylate	10.760	69	705	2.331	ug/l #	68
59) 2-Hexanone	11.089	43	9176	0.588	ug/l	90
74) N-amyl acetate	12.390	43	5009	0.260	ug/l #	78
76) 1,2,3-Trichloropropane	12.728	75	349511	26.439	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.728	75	349511	78.766	ug/l #	5
89) n-Butylbenzene	13.940	91	6125	0.209	ug/l	97
93) 1,2,4-Trichlorobenzene	15.263	180	4180	3.848	ug/l	95
95) Naphthalene	15.501	128	14136	5.441	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	4449	3.689	ug/l	95

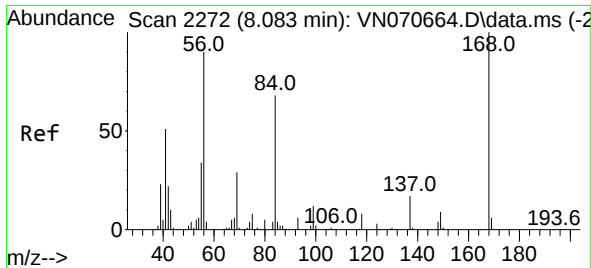
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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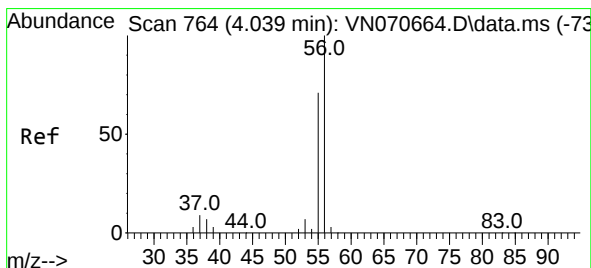
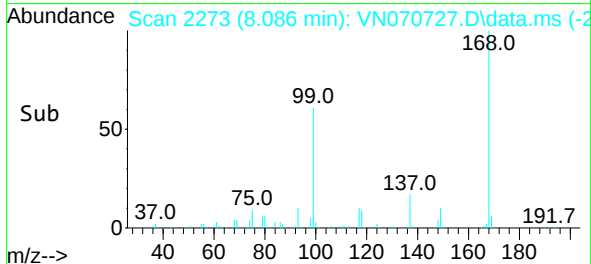
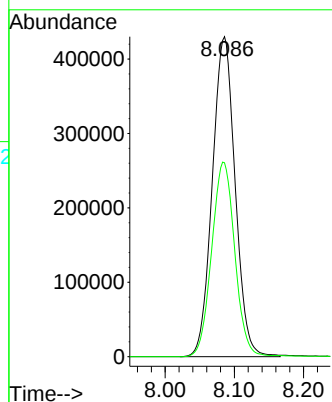
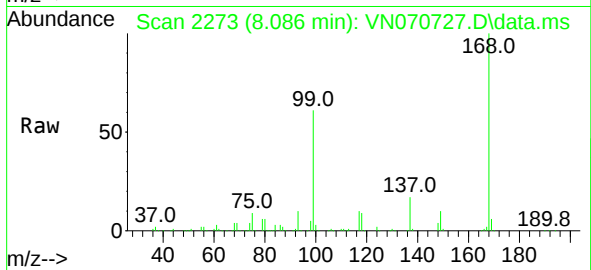




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070727.D
Acq: 21 Jan 2022 12:16

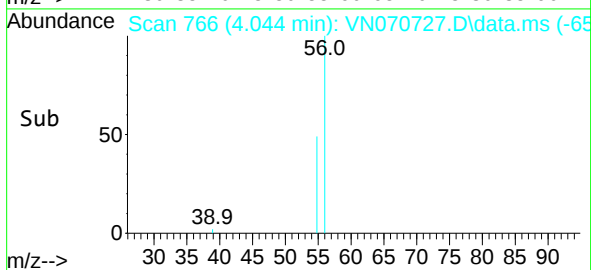
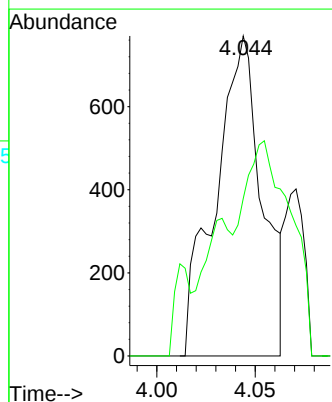
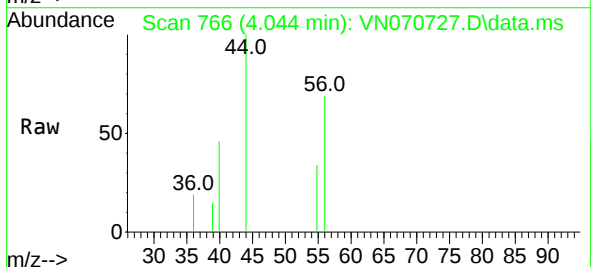
Instrument :
MSVOA_N
ClientSampleId :

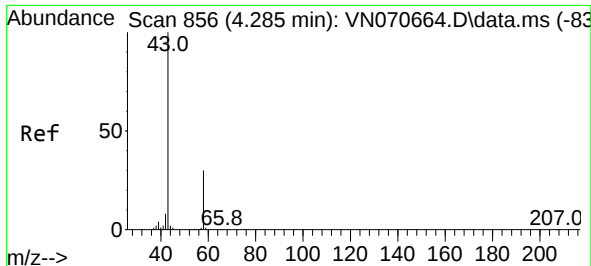
Tgt Ion:168 Resp: 985598
Ion Ratio Lower Upper
168 100
99 60.6 41.3 61.9



#13
Acrolein
Concen: 0.347 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN070727.D
Acq: 21 Jan 2022 12:16

Tgt Ion: 56 Resp: 1267
Ion Ratio Lower Upper
56 100
55 24.9 56.6 85.0#

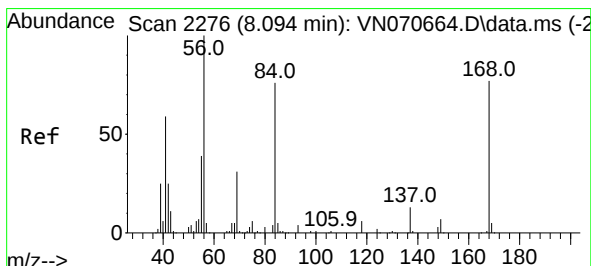
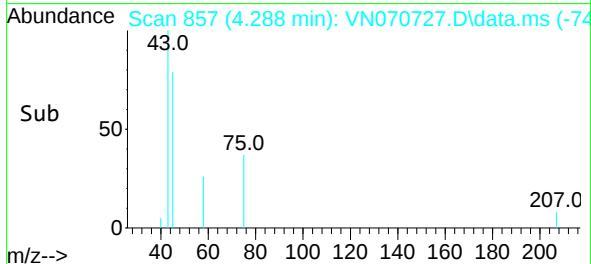
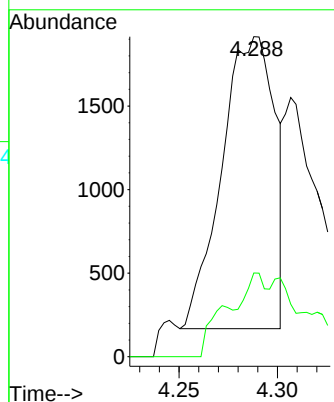
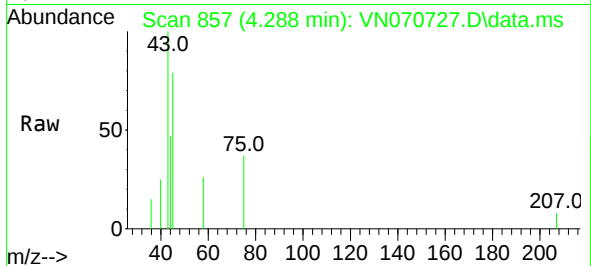




#16
Acetone
Concen: 0.333 ug/l
RT: 4.288 min Scan# 856
Delta R.T. 0.003 min
Lab File: VN070727.D
Acq: 21 Jan 2022 12:16

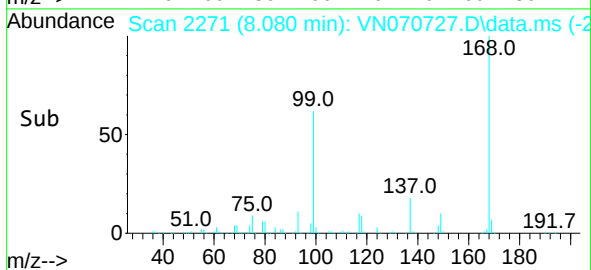
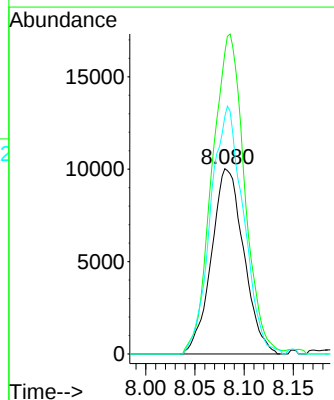
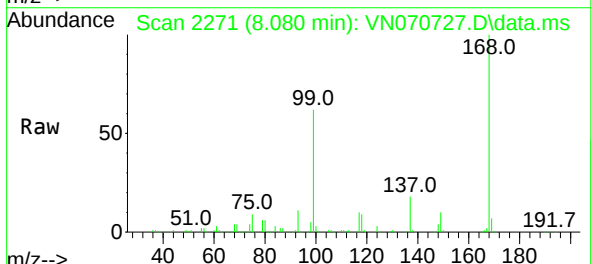
Instrument :
MSVOA_N
ClientSampleId :

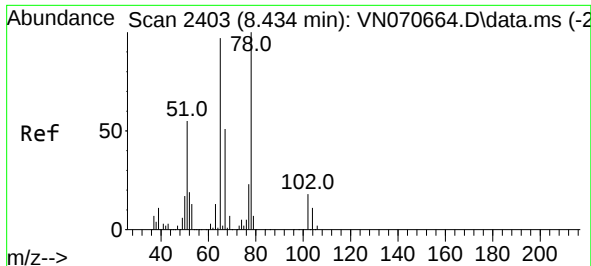
Tgt Ion: 43 Resp: 3263
Ion Ratio Lower Upper
43 100
58 28.7 23.1 34.7



#31
Cyclohexane
Concen: 0.921 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.014 min
Lab File: VN070727.D
Acq: 21 Jan 2022 12:16

Tgt Ion: 56 Resp: 22904
Ion Ratio Lower Upper
56 100
69 162.7 27.1 40.7#
84 128.2 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 47.504 ug/l

RT: 8.434 min Scan# 2403

Delta R.T. 0.000 min

Lab File: VN070727.D

Acq: 21 Jan 2022 12:16

Instrument :

MSVOA_N

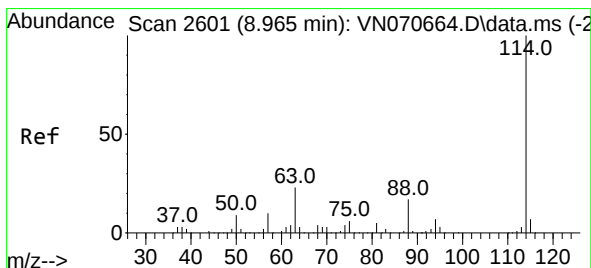
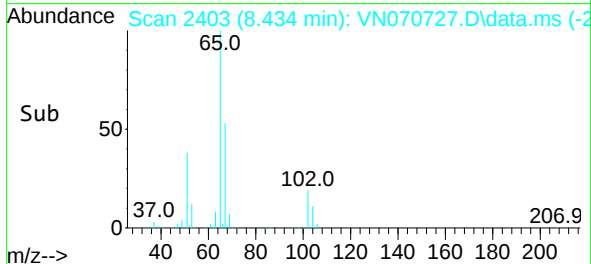
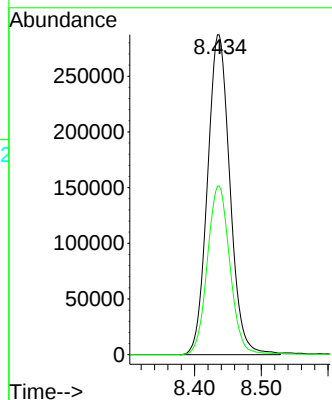
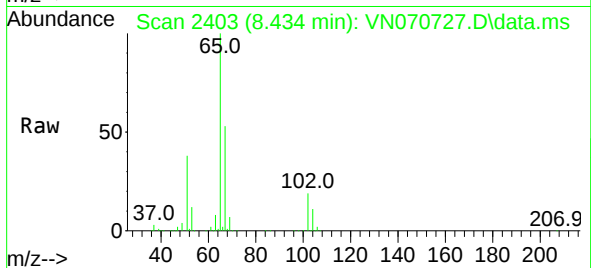
ClientSampleId :

Tgt Ion: 65 Resp: 670996

Ion Ratio Lower Upper

65 100

67 52.9 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: VN070727.D

Acq: 21 Jan 2022 12:16

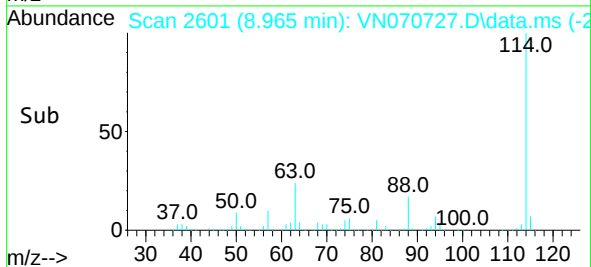
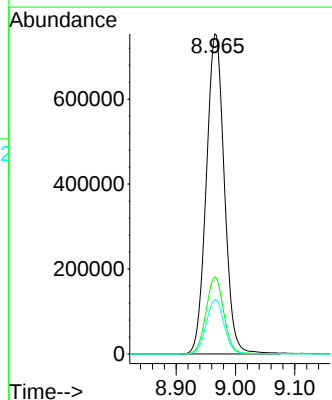
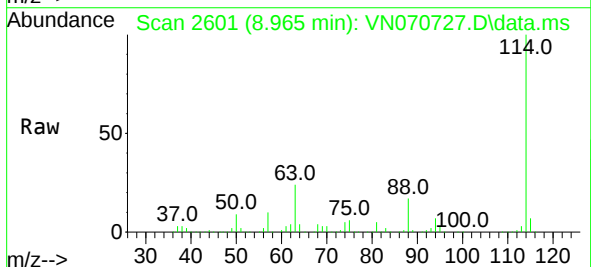
Tgt Ion: 114 Resp: 1588730

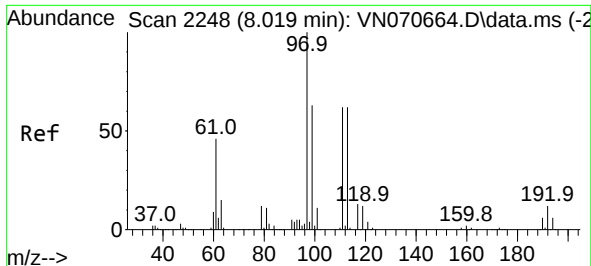
Ion Ratio Lower Upper

114 100

63 24.0 0.0 37.8

88 17.0 0.0 27.4

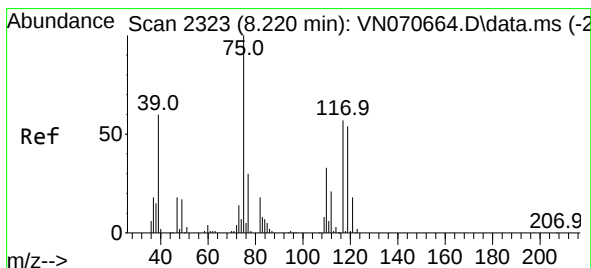
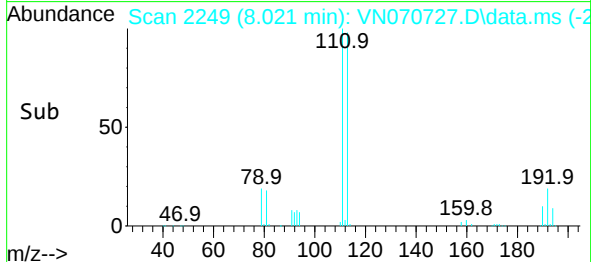
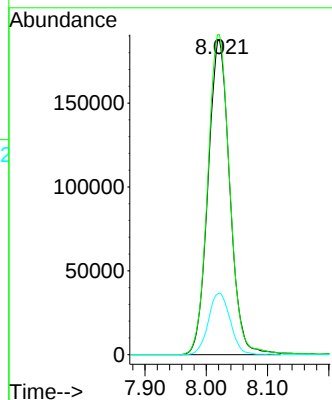
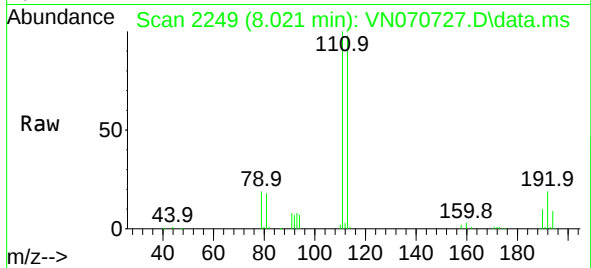




#35
Dibromofluoromethane
Concen: 46.947 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070727.D
Acq: 21 Jan 2022 12:16

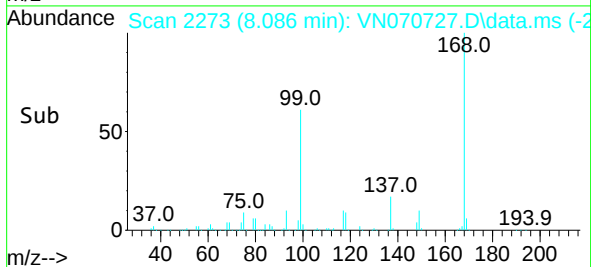
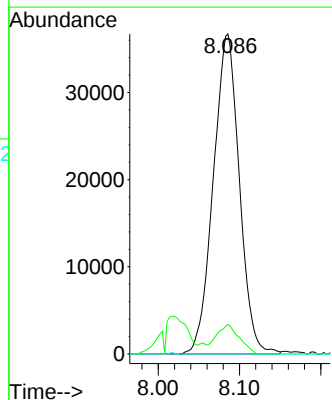
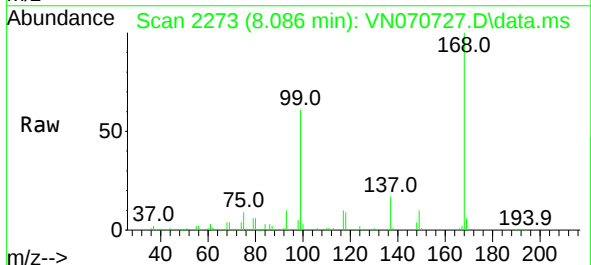
Instrument :
MSVOA_N
ClientSampleId :

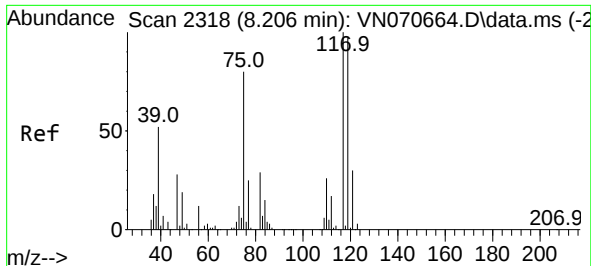
Tgt Ion:113 Resp: 462660
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.923 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.134 min
Lab File: VN070727.D
Acq: 21 Jan 2022 12:16

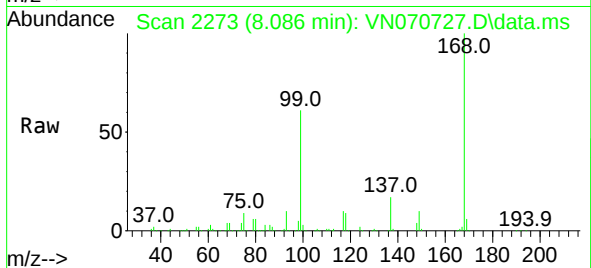
Tgt Ion: 75 Resp: 81683
Ion Ratio Lower Upper
75 100
110 8.1 18.4 55.2#
77 0.0 24.4 36.6#



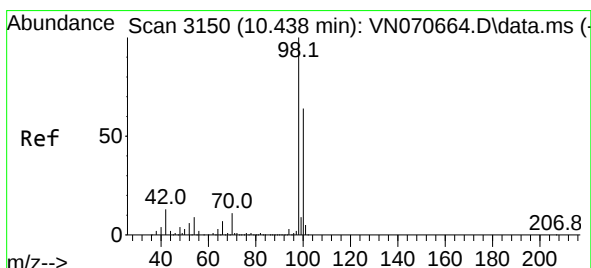
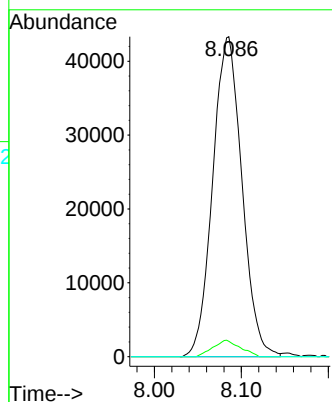
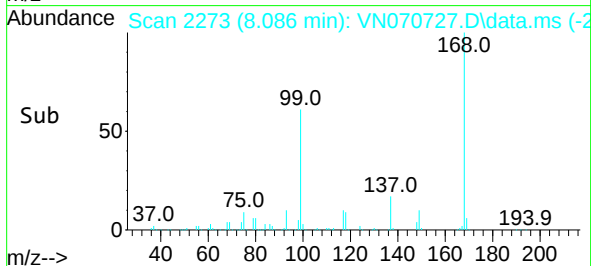


#38
Carbon Tetrachloride
Concen: 6.852 ug/l
RT: 8.086 min Scan# 21130
Delta R.T. -0.120 min
Lab File: VN070727.D
Acq: 21 Jan 2022 12:16

Instrument :
MSVOA_N
ClientSampleId :

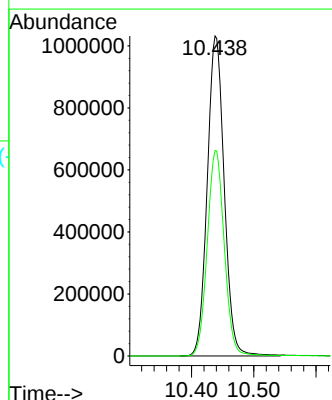
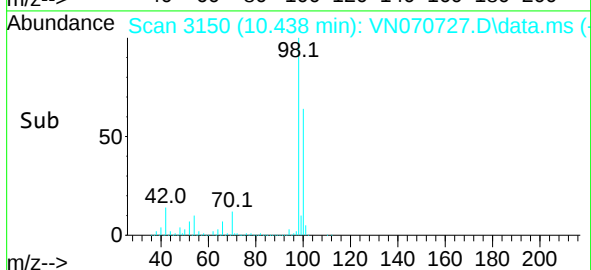
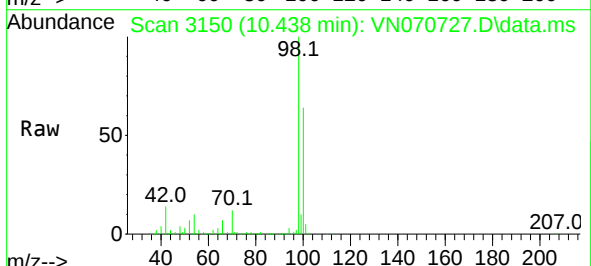


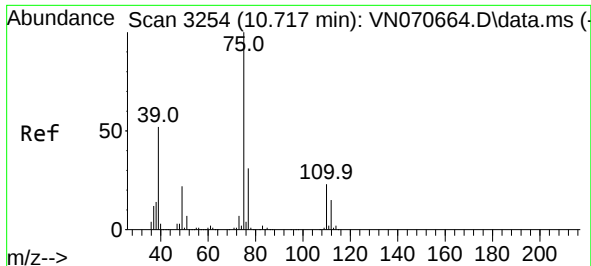
Tgt Ion:117 Resp: 101130
Ion Ratio Lower Upper
117 100
119 4.8 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 46.993 ug/l
RT: 10.438 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VN070727.D
Acq: 21 Jan 2022 12:16

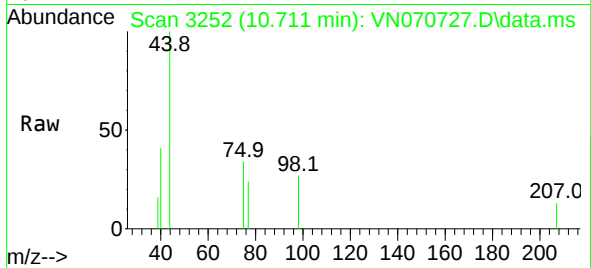
Tgt Ion: 98 Resp: 1950979
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6



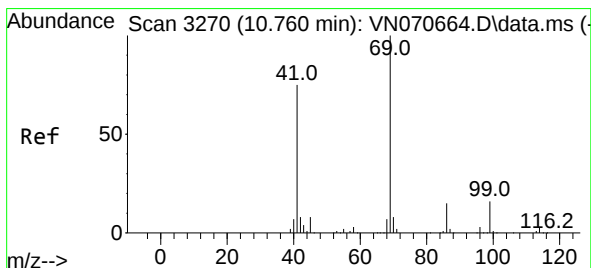
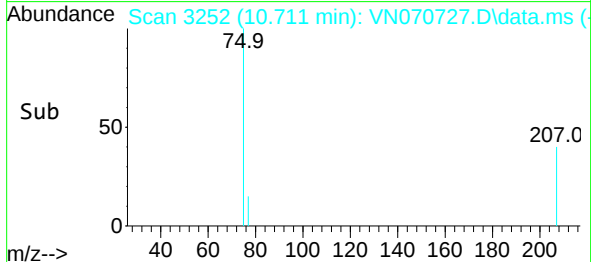
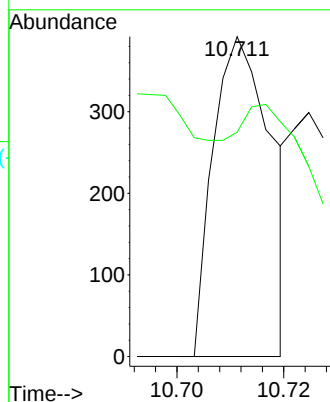


#53
t-1,3-Dichloropropene
Concen: 2.418 ug/l
RT: 10.711 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN070727.D
Acq: 21 Jan 2022 12:16

Instrument :
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ClientSampleId :

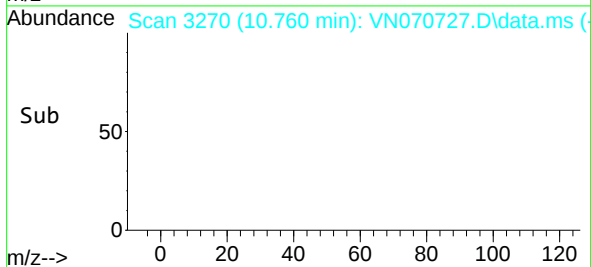
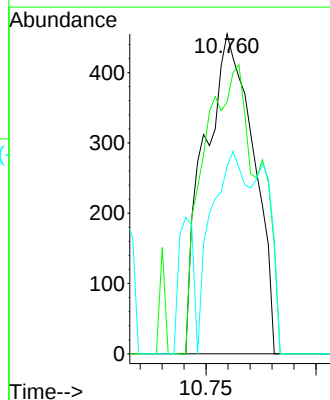
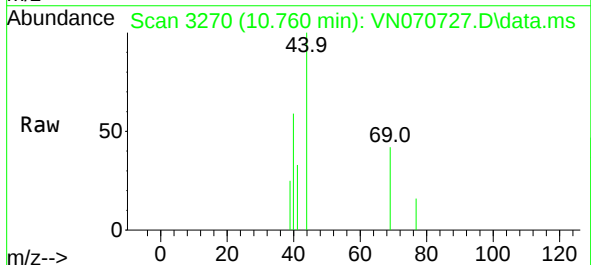


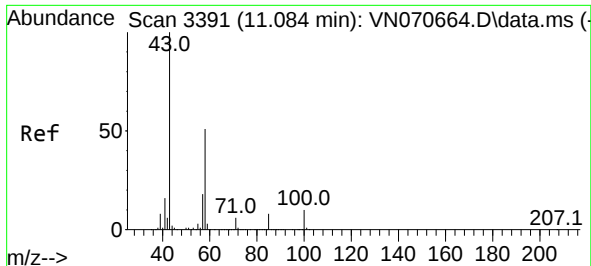
Tgt Ion: 75 Resp: 295
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#



#56
Ethyl methacrylate
Concen: 2.331 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN070727.D
Acq: 21 Jan 2022 12:16

Tgt Ion: 69 Resp: 705
Ion Ratio Lower Upper
69 100
41 101.8 51.4 77.0#
39 47.9 34.6 52.0

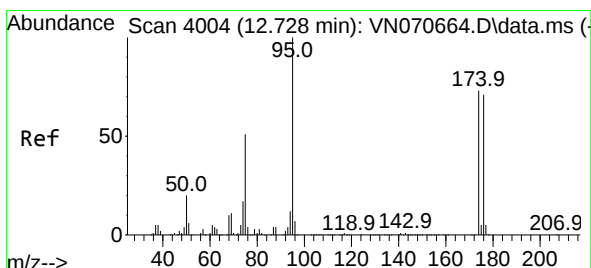
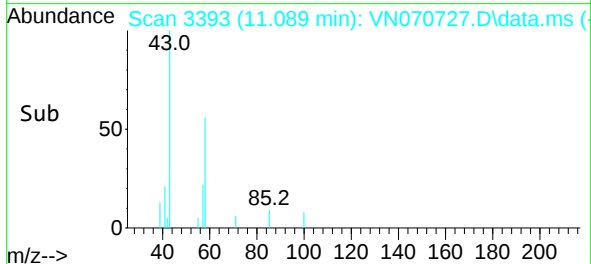
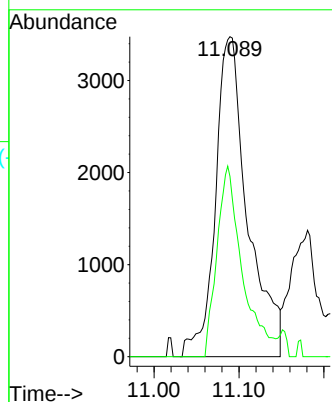
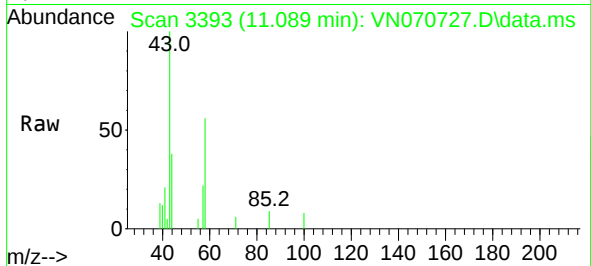




#59
2-Hexanone
Concen: 0.588 ug/l
RT: 11.089 min Scan# 311
Delta R.T. 0.005 min
Lab File: VN070727.D
Acq: 21 Jan 2022 12:16

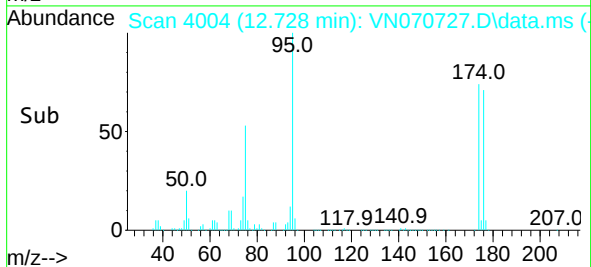
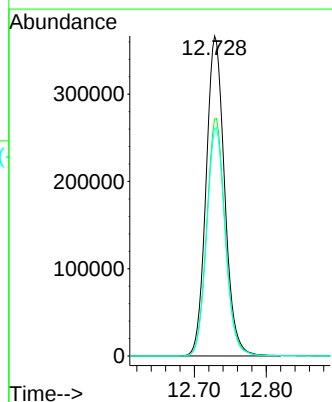
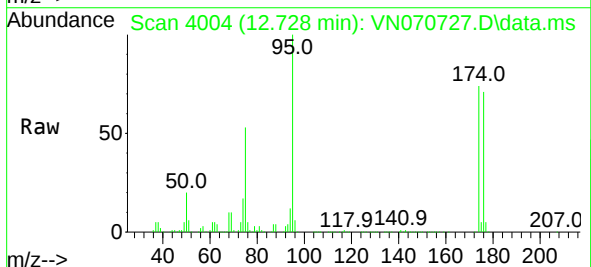
Instrument :
MSVOA_N
ClientSampleId :

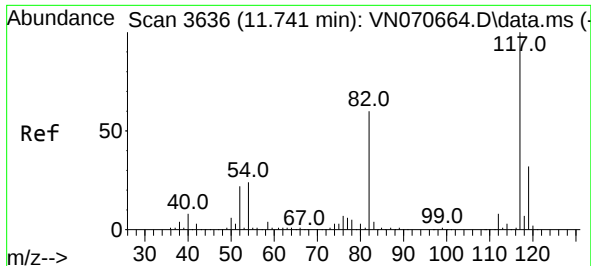
Tgt Ion: 43 Resp: 9176
Ion Ratio Lower Upper
43 100
58 46.8 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 44.356 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070727.D
Acq: 21 Jan 2022 12:16

Tgt Ion: 95 Resp: 656199
Ion Ratio Lower Upper
95 100
174 74.5 0.0 187.2
176 71.6 0.0 181.4

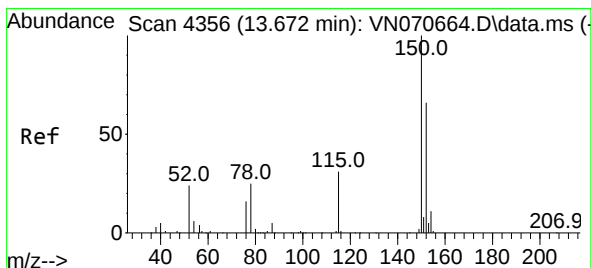
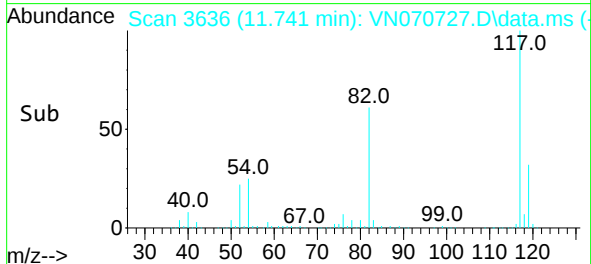
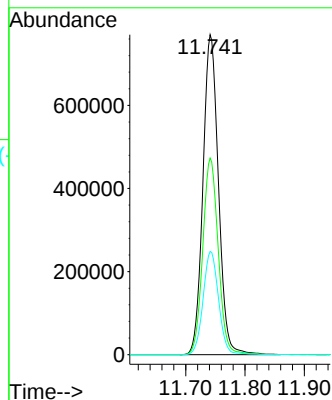
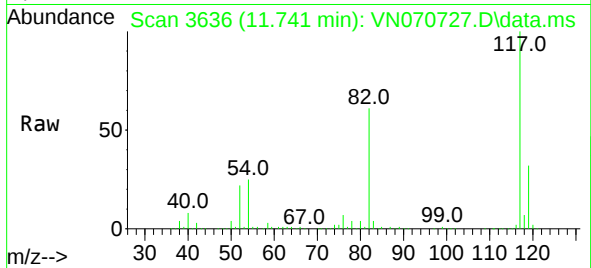




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN070727.D
Acq: 21 Jan 2022 12:16

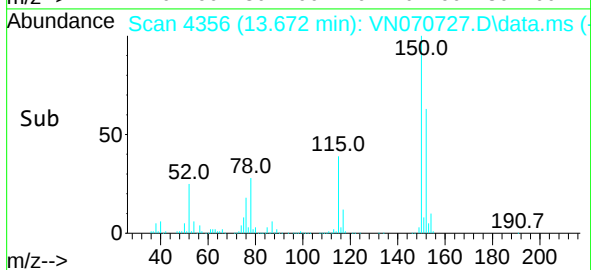
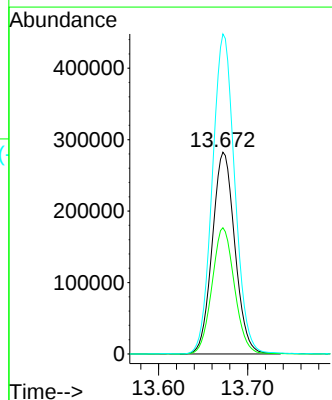
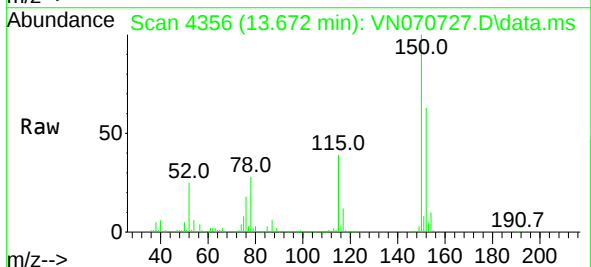
Instrument :
MSVOA_N
ClientSampleId :

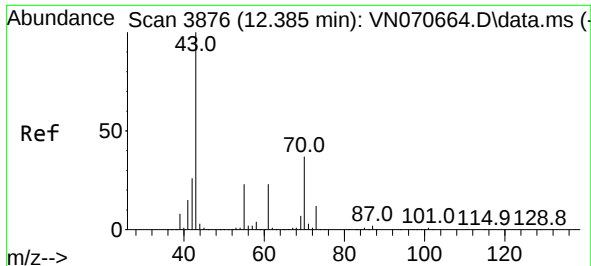
Tgt Ion:117 Resp: 1398992
Ion Ratio Lower Upper
117 100
82 61.5 42.4 63.6
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070727.D
Acq: 21 Jan 2022 12:16

Tgt Ion:152 Resp: 498423
Ion Ratio Lower Upper
152 100
115 62.2 27.5 82.5
150 157.5 0.0 344.4

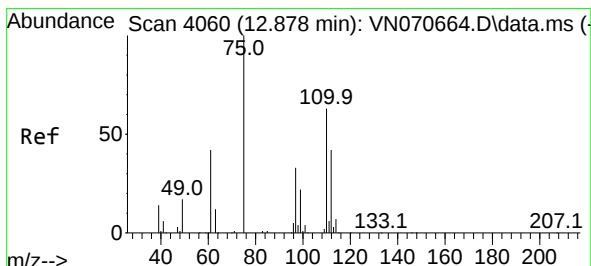
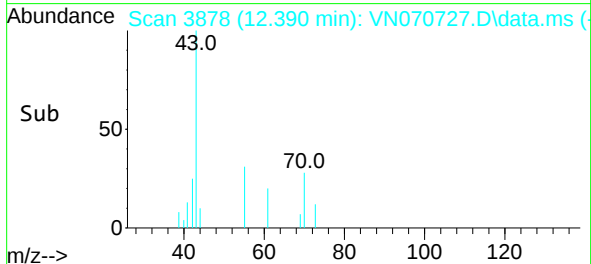
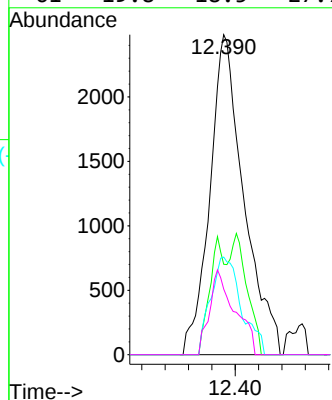
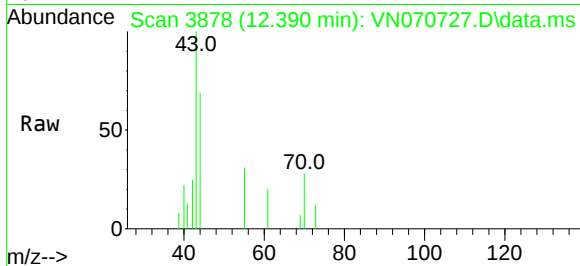




#74
N-amy1 acetate
Concen: 0.260 ug/l
RT: 12.390 min Scan# 3876
Delta R.T. 0.005 min
Lab File: VN070727.D
Acq: 21 Jan 2022 12:16

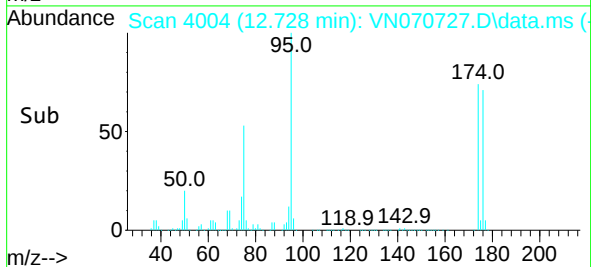
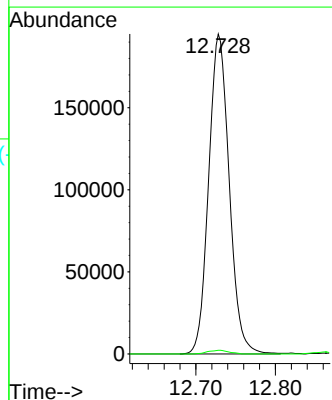
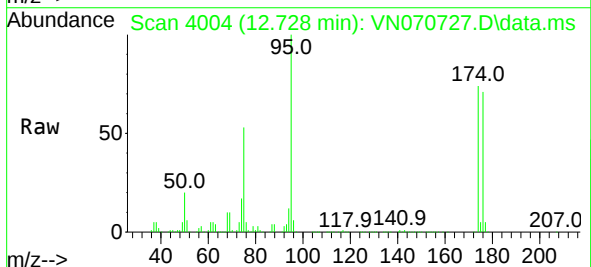
Instrument :
MSVOA_N
ClientSampleId :

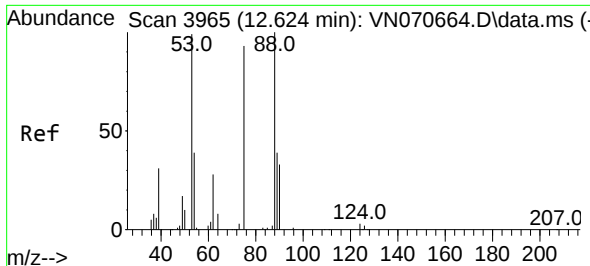
Tgt Ion: 43	Resp: 5009
Ion Ratio	Lower Upper
43 100	
70 17.3	33.4 50.0#
55 27.6	19.3 28.9
61 19.8	18.5 27.7



#76
1,2,3-Trichloropropane
Concen: 26.439 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.150 min
Lab File: VN070727.D
Acq: 21 Jan 2022 12:16

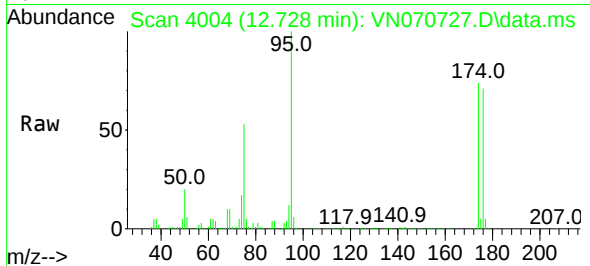
Tgt Ion: 75	Resp: 349511
Ion Ratio	Lower Upper
75 100	
77 1.2	82.6 247.8#



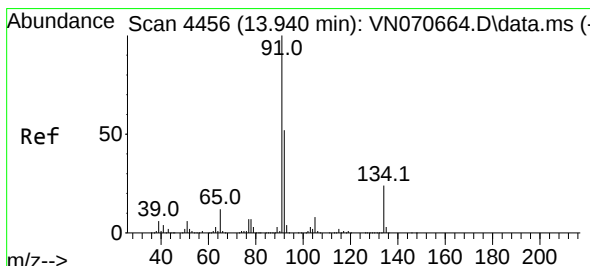
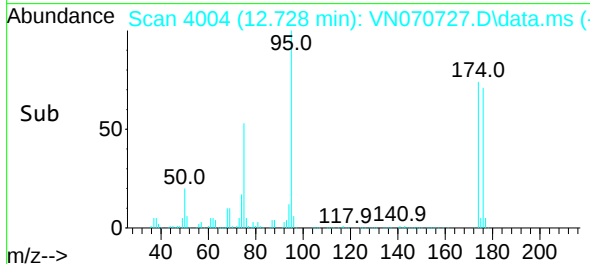
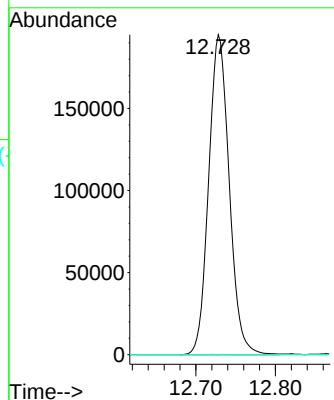


#81
trans-1,4-Dichloro-2-butene
Concen: 78.766 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.104 min
Lab File: VN070727.D
Acq: 21 Jan 2022 12:16

Instrument :
MSVOA_N
ClientSampleId :

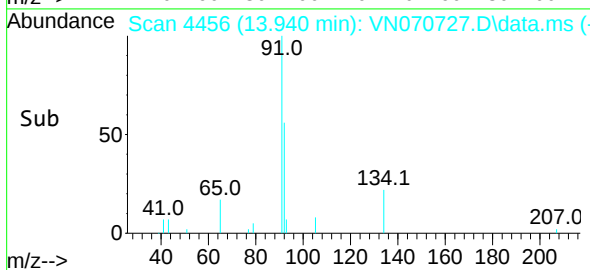
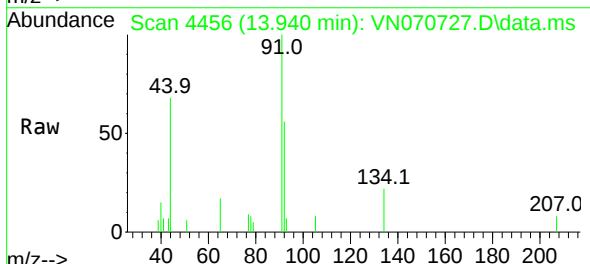
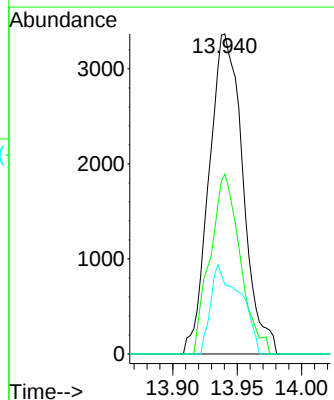


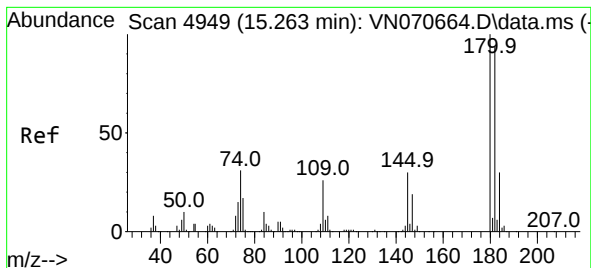
Tgt Ion: 75 Resp: 349511
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#89
n-Butylbenzene
Concen: 0.209 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070727.D
Acq: 21 Jan 2022 12:16

Tgt Ion: 91 Resp: 6125
Ion Ratio Lower Upper
91 100
92 50.1 25.4 76.0
134 24.3 13.6 40.8





#93

1,2,4-Trichlorobenzene

Concen: 3.848 ug/l

RT: 15.263 min Scan# 4949

Delta R.T. -0.000 min

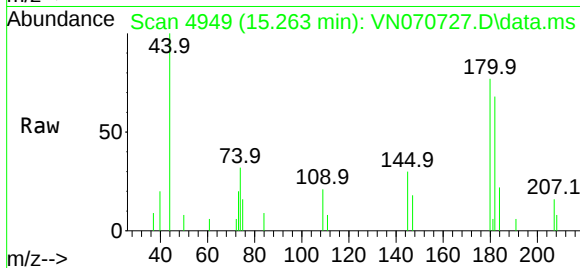
Lab File: VN070727.D

Acq: 21 Jan 2022 12:16

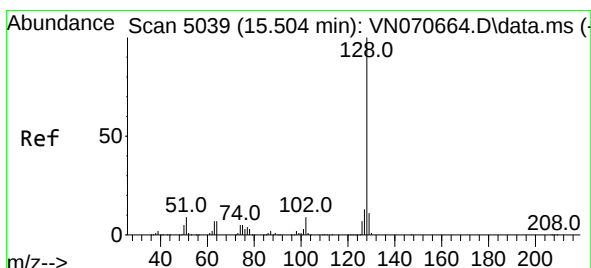
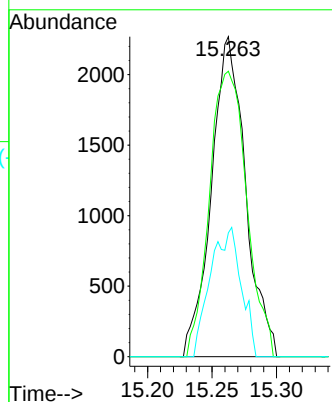
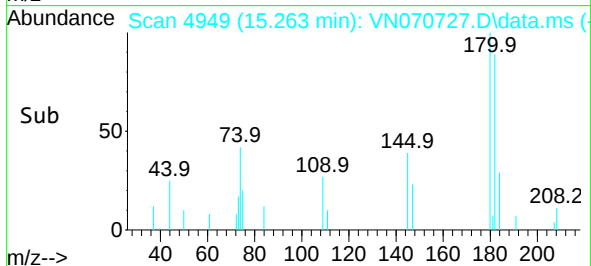
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	180	Resp:	4180
Ion Ratio	Lower	Upper	
180	100		
182	97.2	48.3	144.9
145	19.2	14.5	43.5



#95

Naphthalene

Concen: 5.441 ug/l

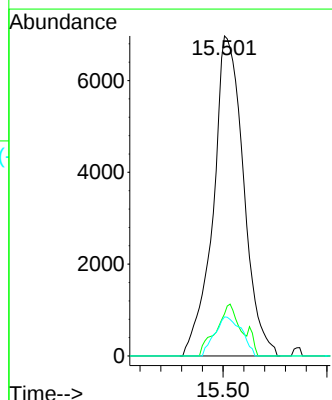
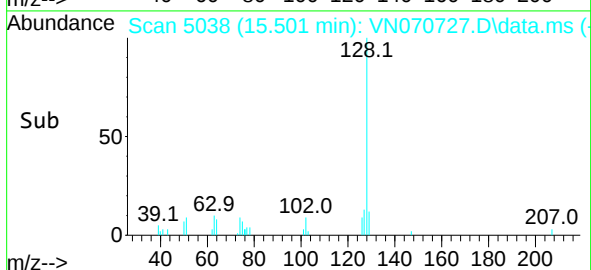
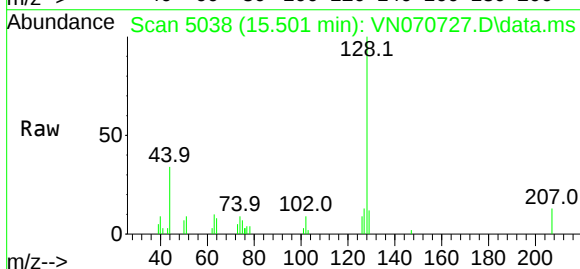
RT: 15.501 min Scan# 5038

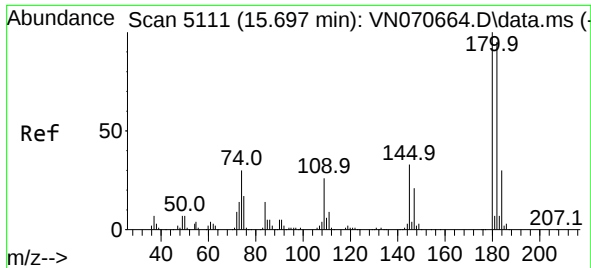
Delta R.T. -0.003 min

Lab File: VN070727.D

Acq: 21 Jan 2022 12:16

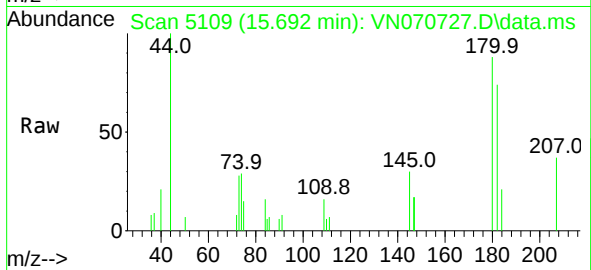
Tgt Ion:	128	Resp:	14136
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.5	15.7
129	10.8	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.689 ug/l
 RT: 15.692 min Scan# 51
 Delta R.T. -0.005 min
 Lab File: VN070727.D
 Acq: 21 Jan 2022 12:16

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.4	142.2
145	37.4	15.0	45.1

