

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011222\
 Data File : VN070579.D
 Acq On : 12 Jan 2022 11:23
 Operator : JC/MD
 Sample : VN0112MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 13 04:25:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

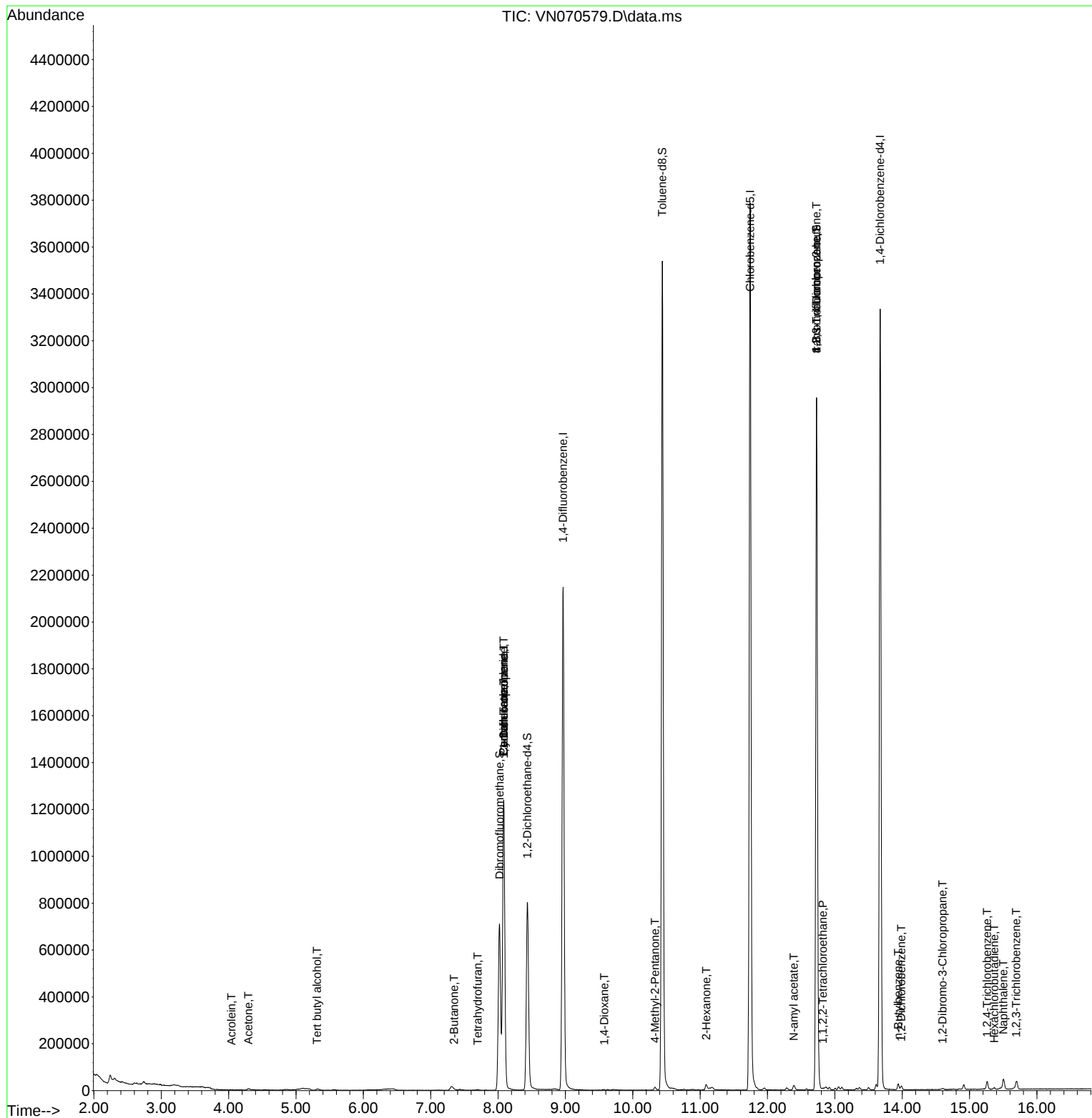
Internal Standards						
1) Pentafluorobenzene	8.083	168	962589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1871621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	2227729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	932988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	679975	49.130	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.260%
35) Dibromofluoromethane	8.021	113	533423	47.105	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.200%
50) Toluene-d8	10.438	98	2485749	53.734	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.460%
62) 4-Bromofluorobenzene	12.728	95	1105674	66.175	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	132.340%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.312	59	2459	1.067	ug/l #	71
13) Acrolein	4.041	56	847	0.453	ug/l #	48
16) Acetone	4.293	43	8635	0.961	ug/l	99
25) 2-Butanone	7.348	43	4567	0.404	ug/l #	86
29) Tetrahydrofuran	7.697	42	1803	0.267	ug/l #	62
31) Cyclohexane	8.083	56	21497	0.984	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	77200	4.121	ug/l #	49
38) Carbon Tetrachloride	8.083	117	92558	5.174	ug/l #	16
49) 1,4-Dioxane	9.577	88	366	1.369	ug/l #	87
51) 4-Methyl-2-Pentanone	10.330	43	9819	0.408	ug/l	100
59) 2-Hexanone	11.089	43	21018	1.198	ug/l	97
74) N-amyl acetate	12.390	43	14804	0.406	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.822	83	2595	0.529	ug/l #	84
76) 1,2,3-Trichloropropane	12.728	75	565260	22.080	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.728	75	565260	74.022	ug/l #	5
89) n-Butylbenzene	13.940	91	15330	0.282	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	6962	0.213	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.600	75	1070	0.213	ug/l	79
93) 1,2,4-Trichlorobenzene	15.260	180	12532	0.815	ug/l	97
94) Hexachlorobutadiene	15.365	225	1864	0.209	ug/l	86
95) Naphthalene	15.501	128	42429	2.759	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	9513	1.462	ug/l #	44

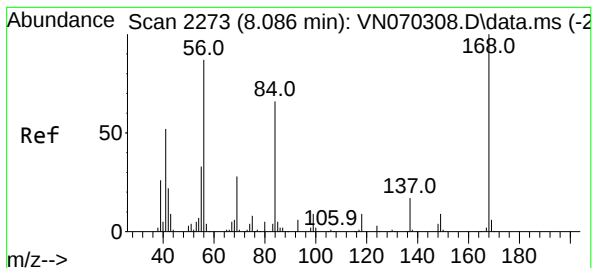
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011222\
Data File : VN070579.D
Acq On : 12 Jan 2022 11:23
Operator : JC/MD
Sample : VN0112MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 13 04:25:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration

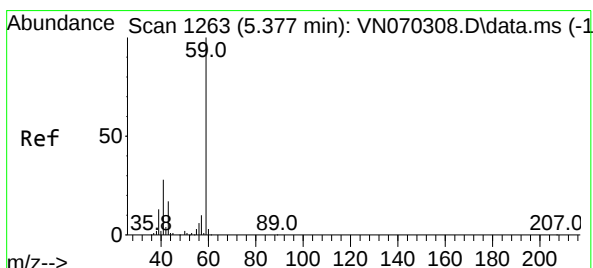
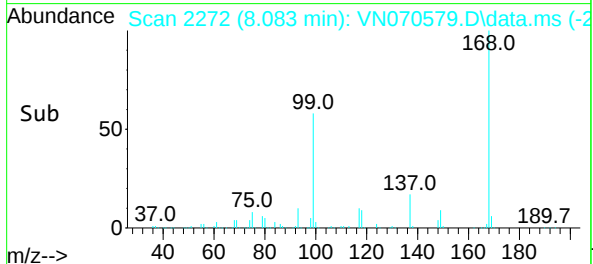
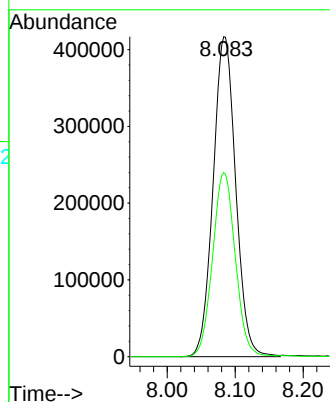
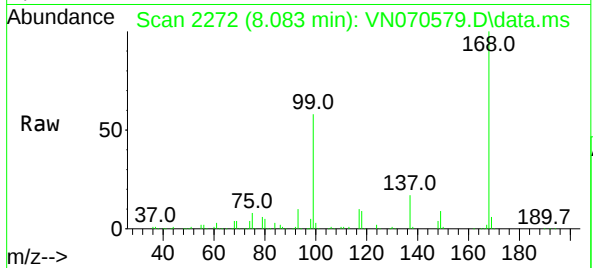




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070579.D
Acq: 12 Jan 2022 11:23

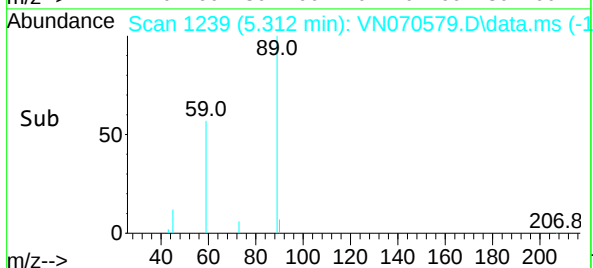
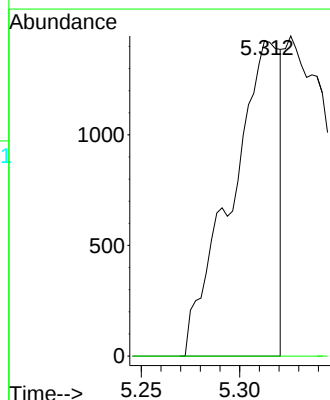
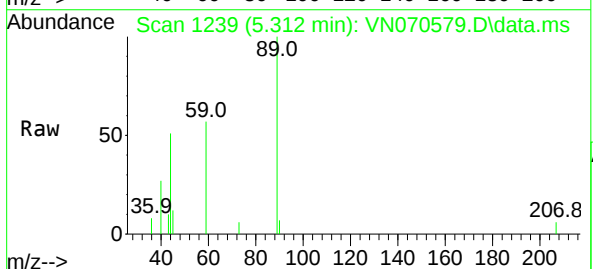
Instrument :
MSVOA_N
ClientSampleId :

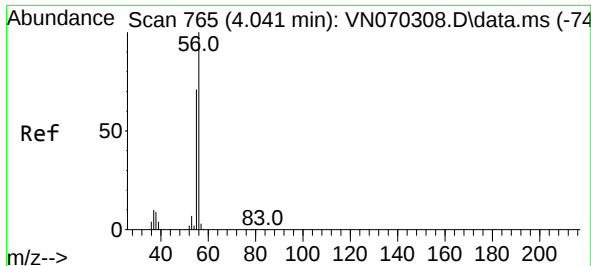
Tgt Ion:168 Resp: 962589
Ion Ratio Lower Upper
168 100
99 57.5 41.3 61.9



#11
Tert butyl alcohol
Concen: 1.067 ug/l
RT: 5.312 min Scan# 1239
Delta R.T. -0.065 min
Lab File: VN070579.D
Acq: 12 Jan 2022 11:23

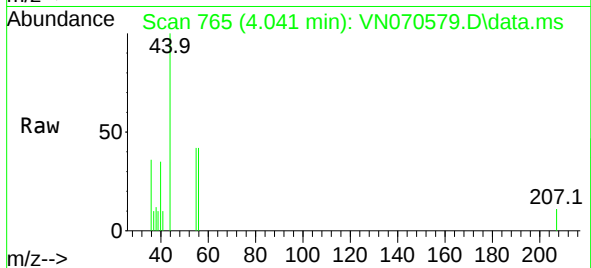
Tgt Ion: 59 Resp: 2459
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



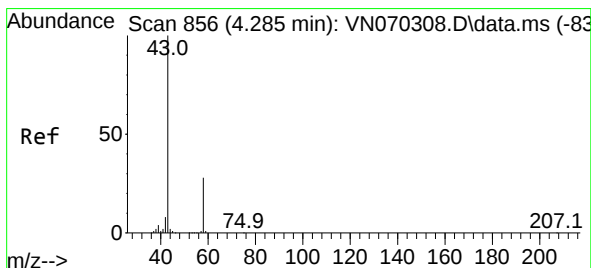
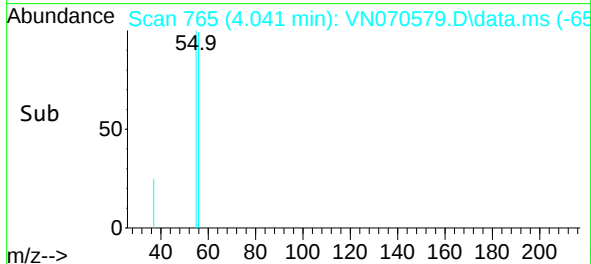
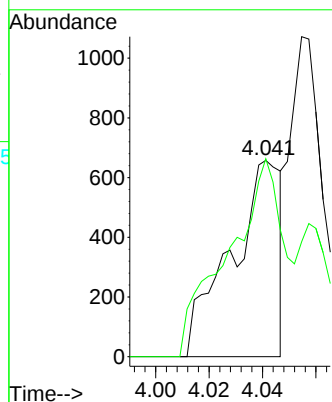


#13
Acrolein
Concen: 0.453 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN070579.D
Acq: 12 Jan 2022 11:23

Instrument :
MSVOA_N
ClientSampleId :

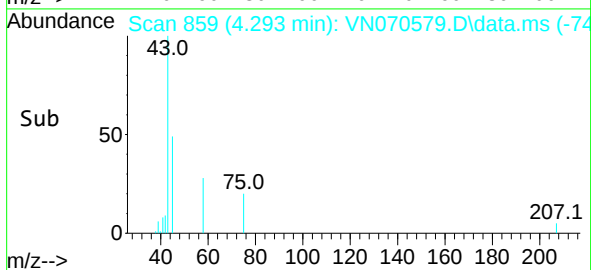
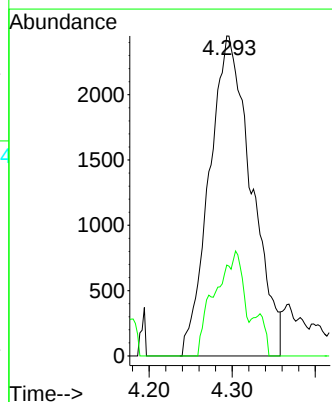
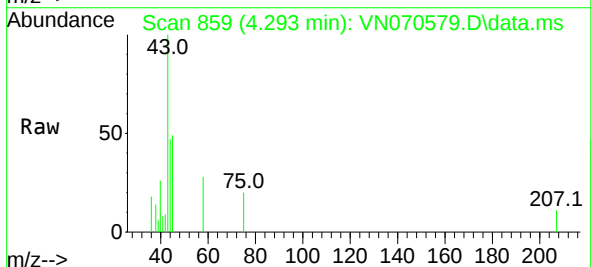


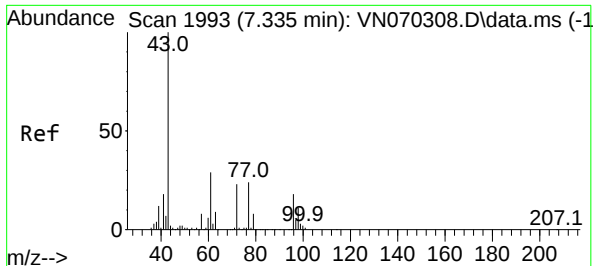
Tgt Ion: 56 Resp: 847
Ion Ratio Lower Upper
56 100
55 113.9 56.6 85.0#



#16
Acetone
Concen: 0.961 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070579.D
Acq: 12 Jan 2022 11:23

Tgt Ion: 43 Resp: 8635
Ion Ratio Lower Upper
43 100
58 28.4 23.1 34.7





#25

2-Butanone

Concen: 0.404 ug/l

RT: 7.348 min Scan# 1993

Delta R.T. 0.013 min

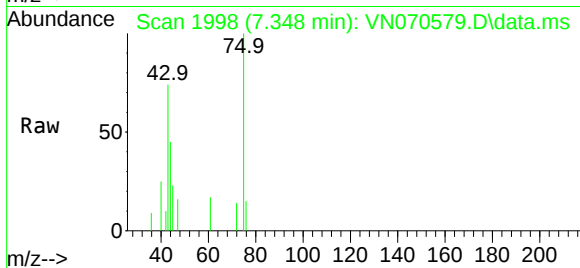
Lab File: VN070579.D

Acq: 12 Jan 2022 11:23

Instrument :

MSVOA_N

ClientSampleId :

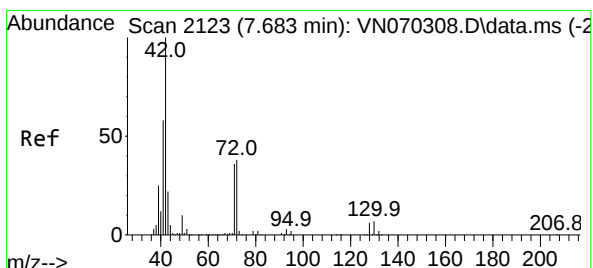
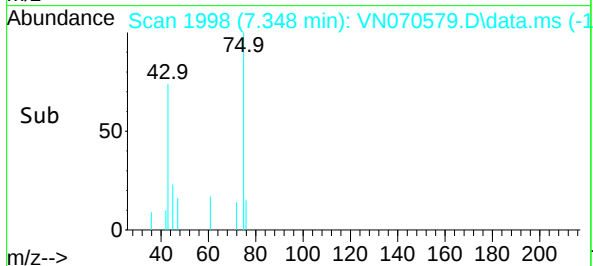
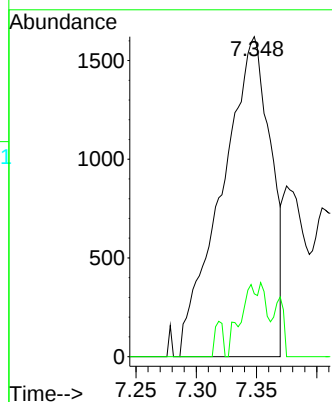


Tgt Ion: 43 Resp: 4567

Ion Ratio Lower Upper

43 100

72 19.6 21.7 32.5#



#29

Tetrahydrofuran

Concen: 0.267 ug/l

RT: 7.697 min Scan# 2128

Delta R.T. 0.014 min

Lab File: VN070579.D

Acq: 12 Jan 2022 11:23

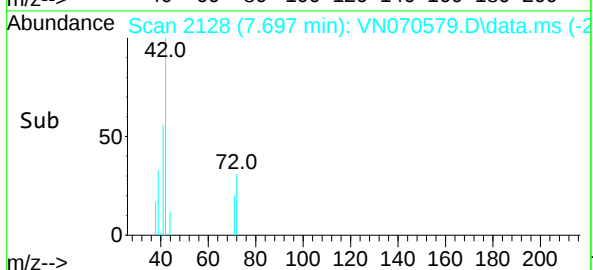
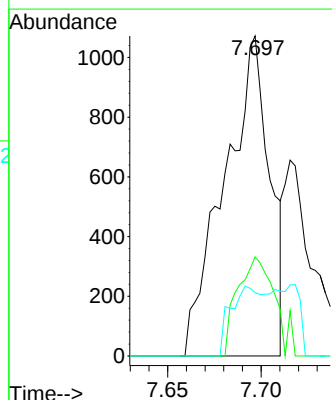
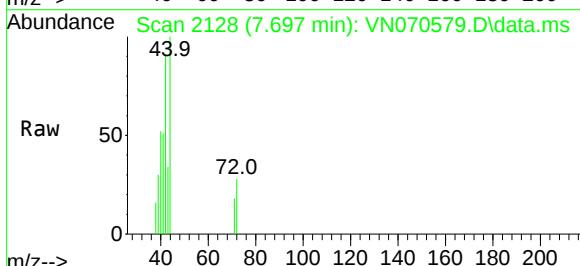
Tgt Ion: 42 Resp: 1803

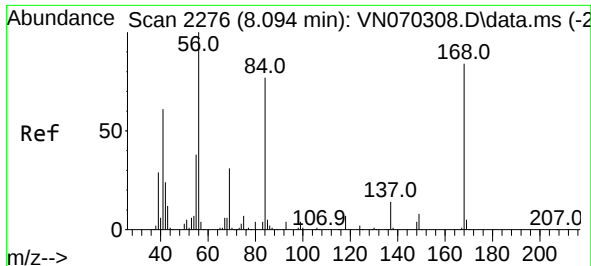
Ion Ratio Lower Upper

42 100

72 25.5 36.3 54.5#

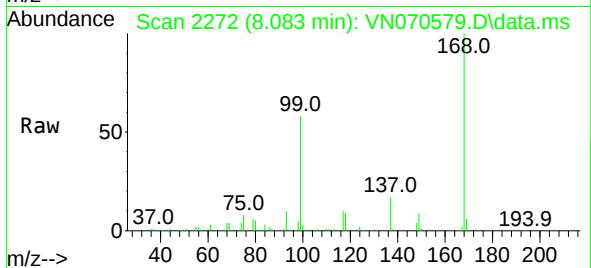
71 14.0 34.7 52.1#



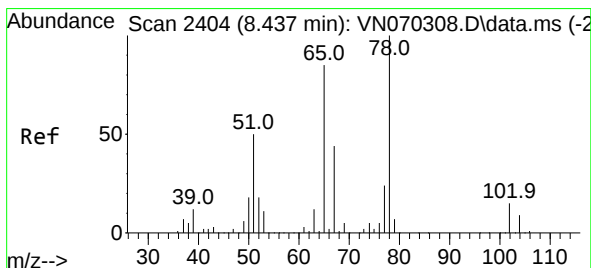
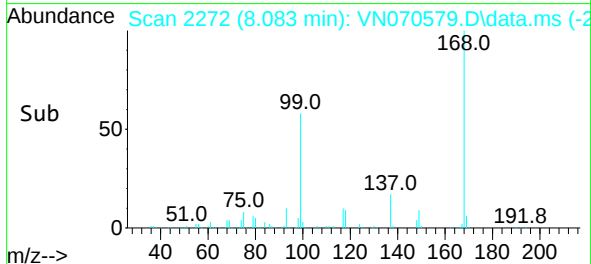
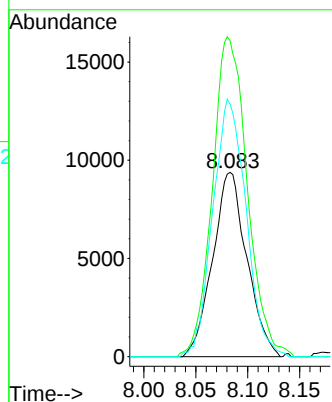


#31
Cyclohexane
Concen: 0.984 ug/l
RT: 8.083 min Scan# 21497
Delta R.T. -0.011 min
Lab File: VN070579.D
Acq: 12 Jan 2022 11:23

Instrument :
MSVOA_N
ClientSampleId :

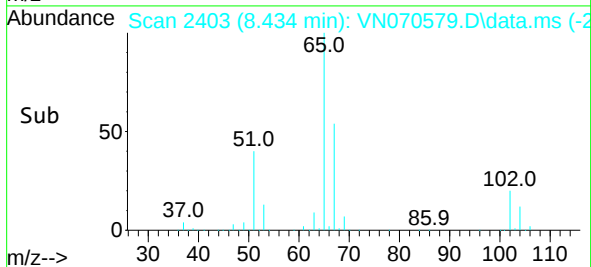
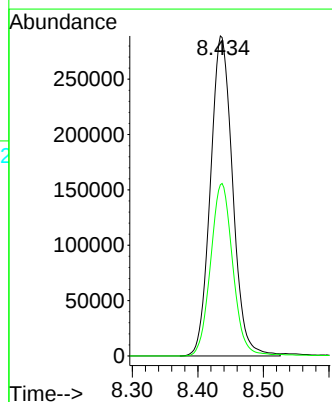
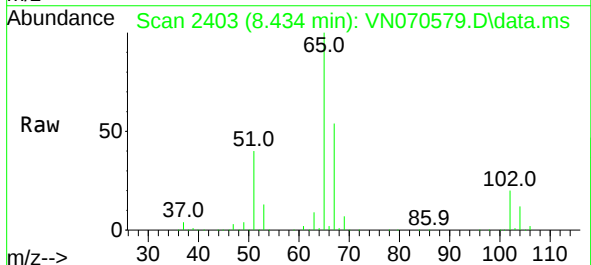


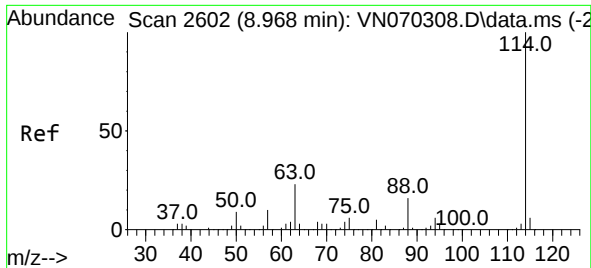
Tgt Ion: 56 Resp: 21497
Ion Ratio Lower Upper
56 100
69 169.5 27.1 40.7#
84 137.0 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 49.130 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.003 min
Lab File: VN070579.D
Acq: 12 Jan 2022 11:23

Tgt Ion: 65 Resp: 679975
Ion Ratio Lower Upper
65 100
67 53.7 0.0 103.0

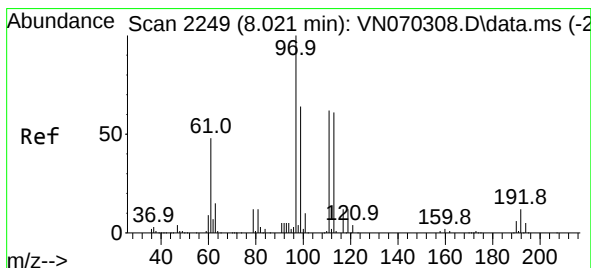
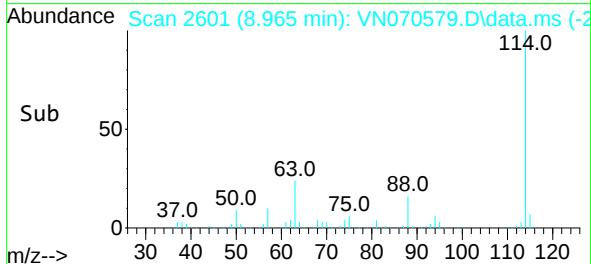
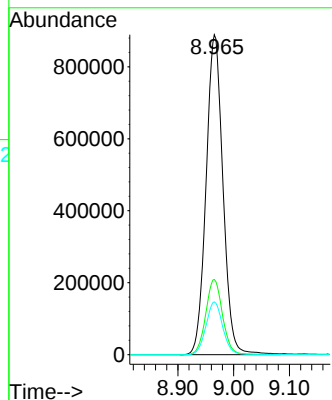
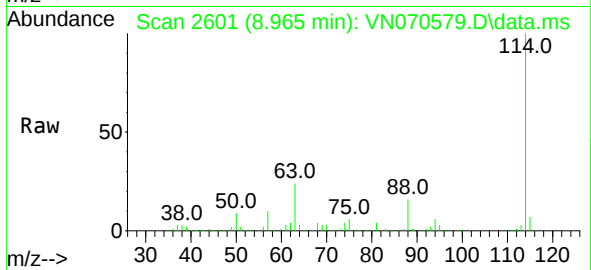




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070579.D
Acq: 12 Jan 2022 11:23

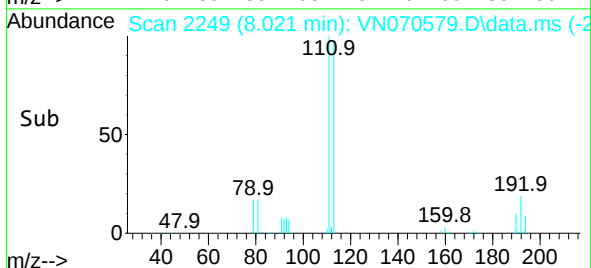
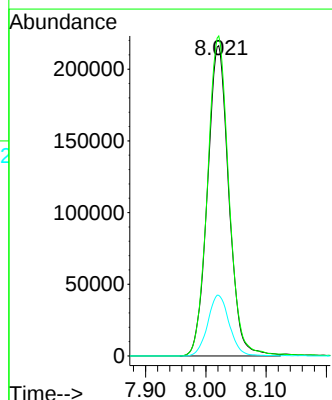
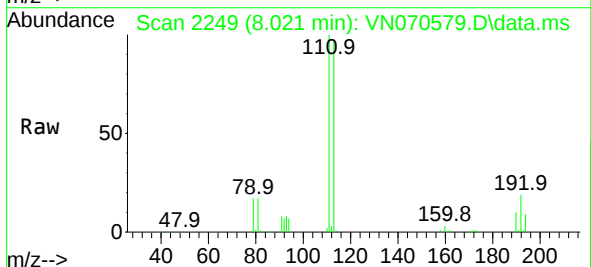
Instrument :
MSVOA_N
ClientSampleId :

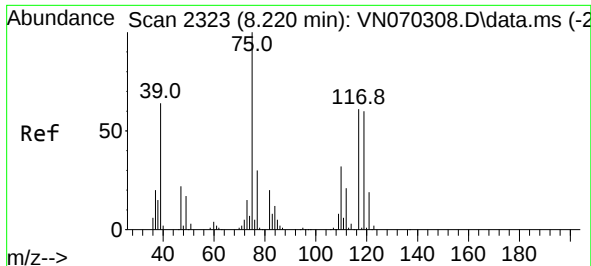
Tgt Ion:114 Resp: 1871621
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 16.5 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.105 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070579.D
Acq: 12 Jan 2022 11:23

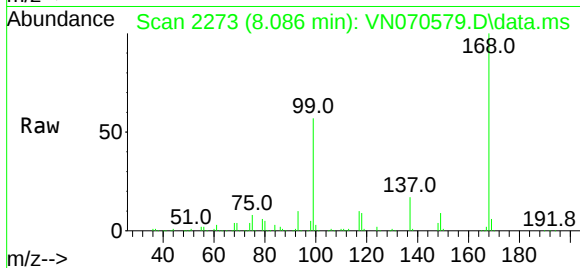
Tgt Ion:113 Resp: 533423
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 19.8 16.9 25.3



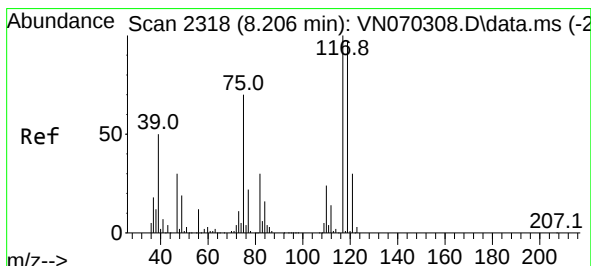
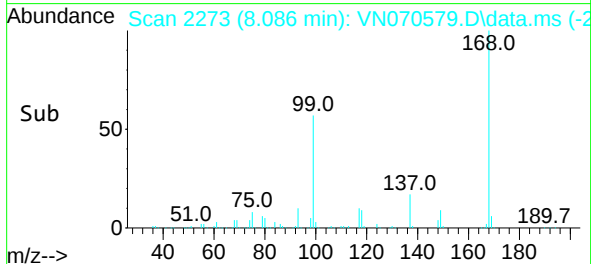
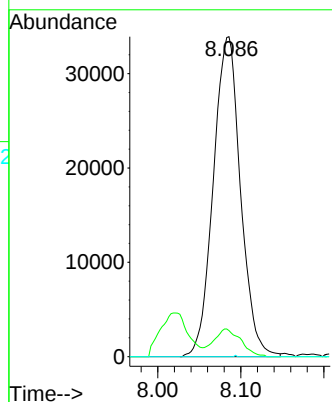


#36
 1,1-Dichloropropene
 Concen: 4.121 ug/l
 RT: 8.086 min Scan# 21
 Delta R.T. -0.134 min
 Lab File: VN070579.D
 Acq: 12 Jan 2022 11:23

Instrument :
 MSVOA_N
 ClientSampleId :

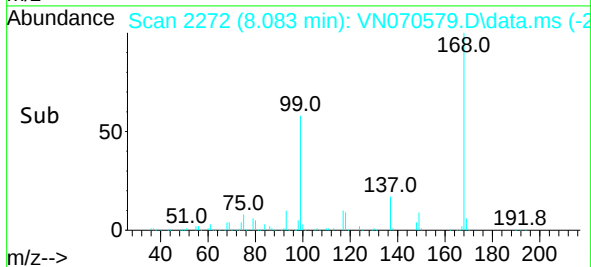
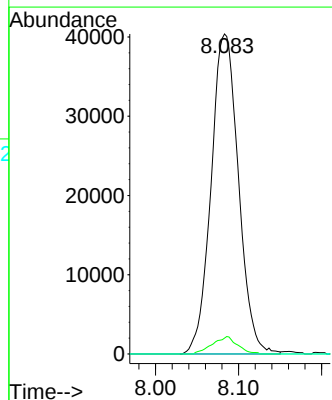
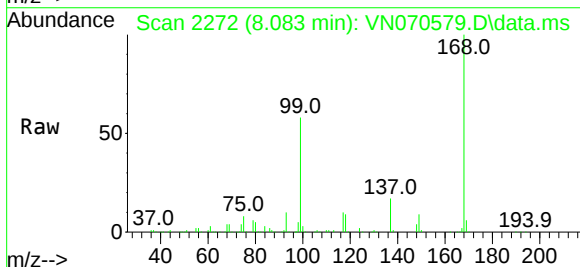


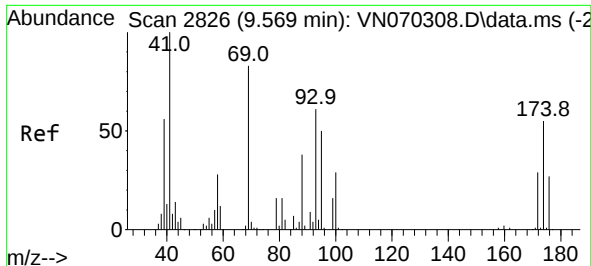
Tgt Ion: 75 Resp: 77200
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.4 55.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.174 ug/l
 RT: 8.083 min Scan# 2272
 Delta R.T. -0.123 min
 Lab File: VN070579.D
 Acq: 12 Jan 2022 11:23

Tgt Ion: 117 Resp: 92558
 Ion Ratio Lower Upper
 117 100
 119 5.0 76.1 114.1#
 121 0.0 24.2 36.2#





#49

1,4-Dioxane

Concen: 1.369 ug/l

RT: 9.577 min Scan# 21

Delta R.T. 0.008 min

Lab File: VN070579.D

Acq: 12 Jan 2022 11:23

Instrument :

MSVOA_N

ClientSampleId :

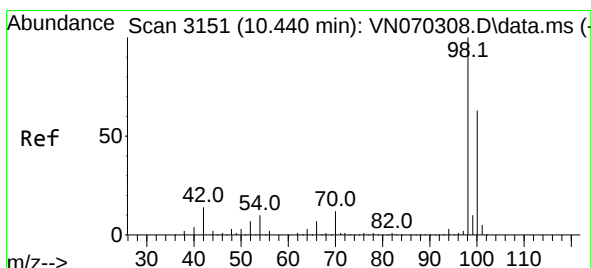
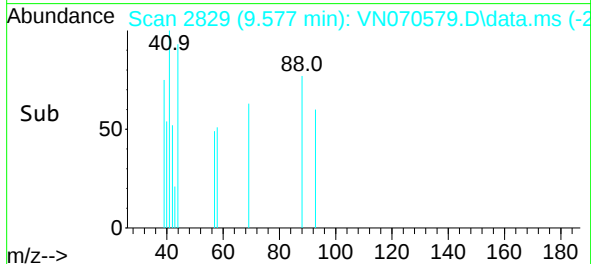
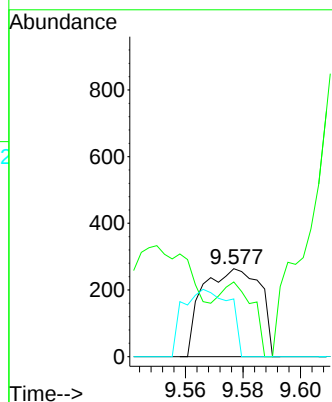
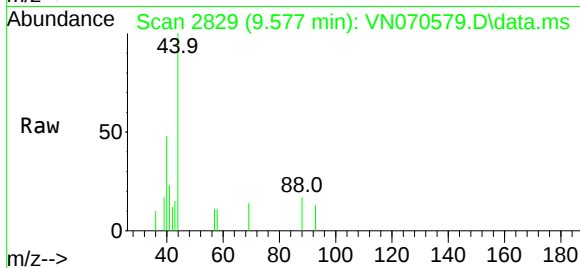
Tgt Ion: 88 Resp: 366

Ion Ratio Lower Upper

88 100

43 49.7 23.4 35.2#

58 62.3 50.6 75.8



#50

Toluene-d8

Concen: 53.734 ug/l

RT: 10.438 min Scan# 3150

Delta R.T. -0.002 min

Lab File: VN070579.D

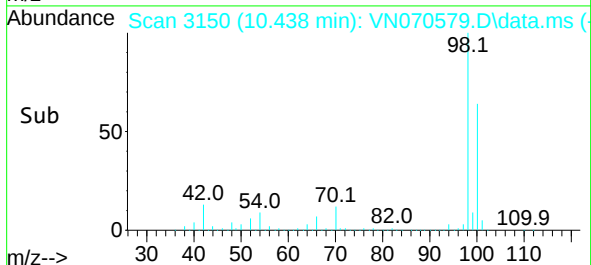
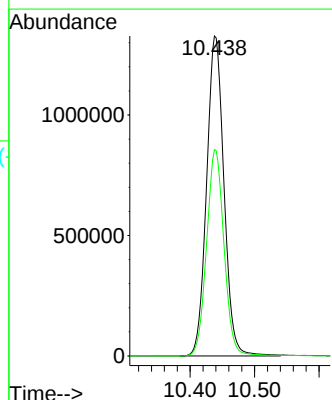
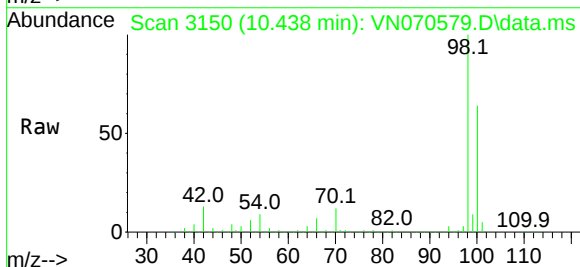
Acq: 12 Jan 2022 11:23

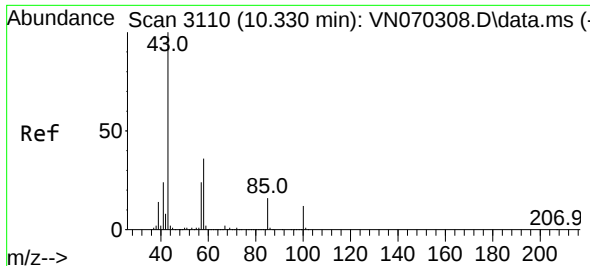
Tgt Ion: 98 Resp: 2485749

Ion Ratio Lower Upper

98 100

100 64.8 50.4 75.6

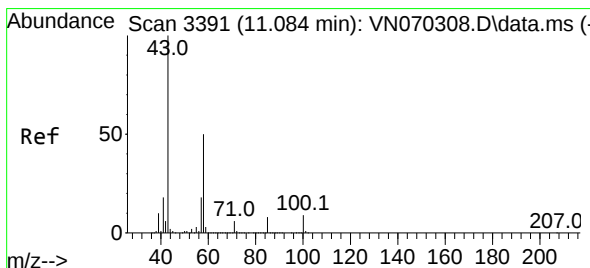
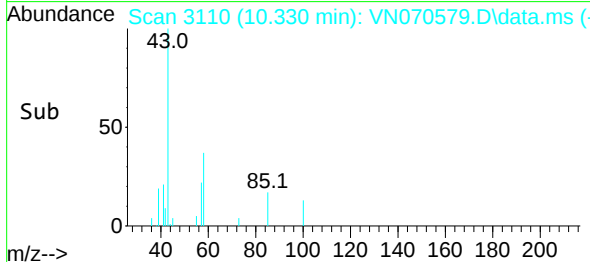
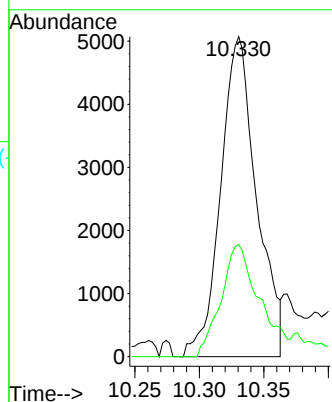
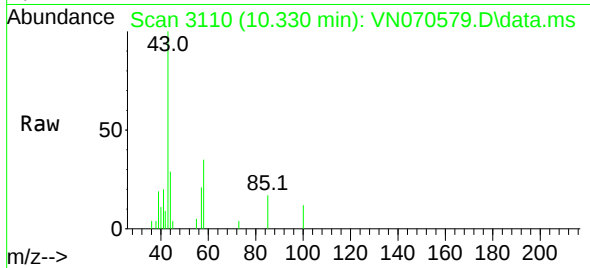




#51
4-Methyl-2-Pentanone
Concen: 0.408 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN070579.D
Acq: 12 Jan 2022 11:23

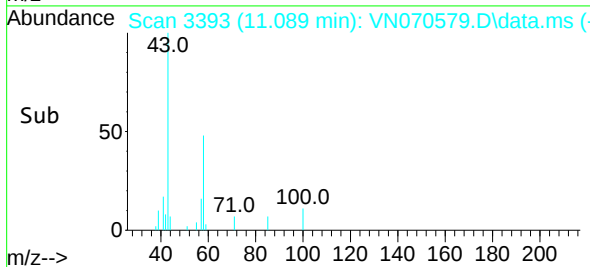
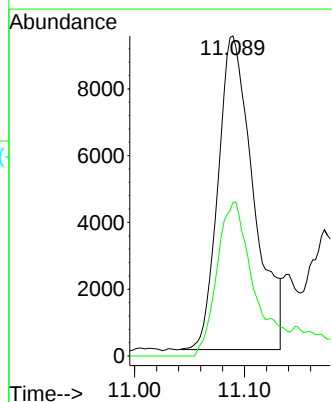
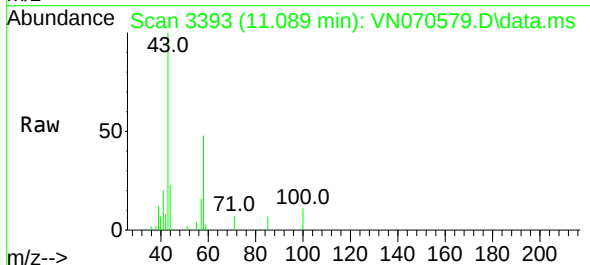
Instrument :
MSVOA_N
ClientSampleId :

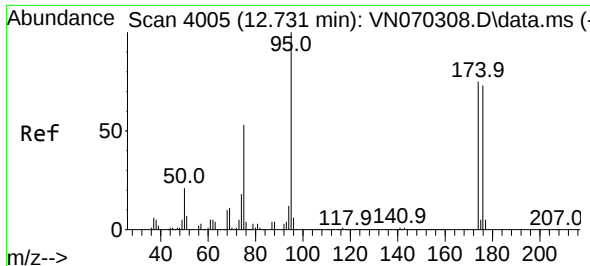
Tgt Ion: 43 Resp: 9819
Ion Ratio Lower Upper
43 100
58 37.8 30.4 45.6



#59
2-Hexanone
Concen: 1.198 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.005 min
Lab File: VN070579.D
Acq: 12 Jan 2022 11:23

Tgt Ion: 43 Resp: 21018
Ion Ratio Lower Upper
43 100
58 51.4 26.9 80.7

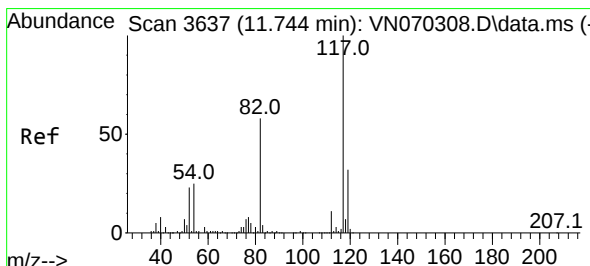
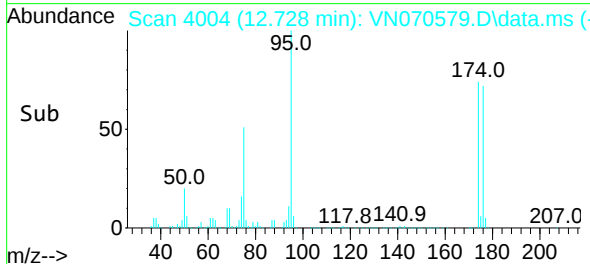
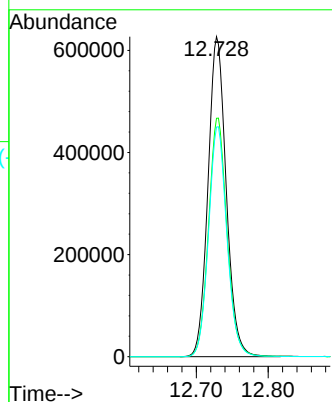
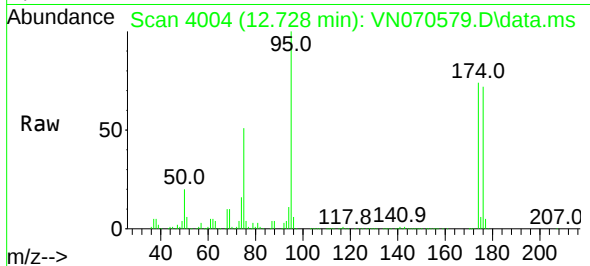




#62
4-Bromofluorobenzene
Concen: 66.175 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070579.D
Acq: 12 Jan 2022 11:23

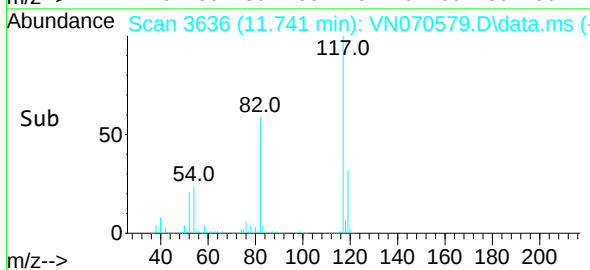
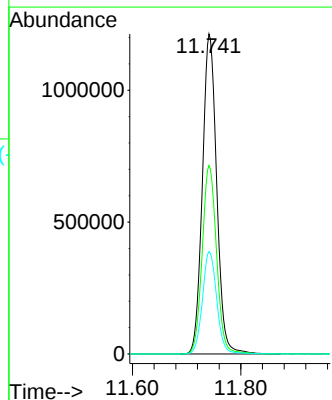
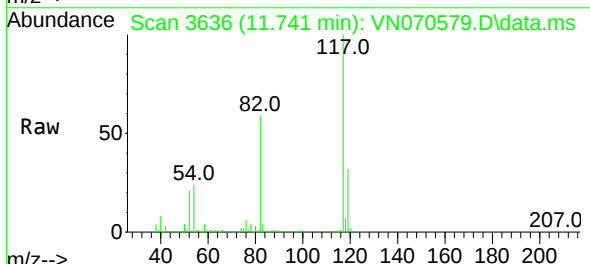
Instrument :
MSVOA_N
ClientSampleId :

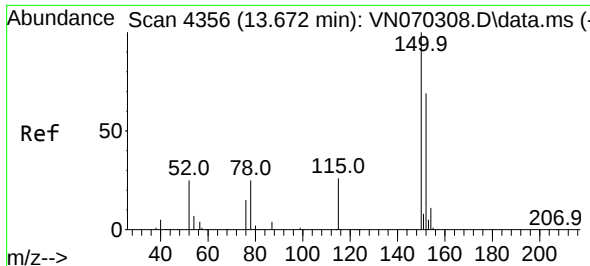
Tgt Ion: 95 Resp: 1105674
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 72.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. -0.003 min
Lab File: VN070579.D
Acq: 12 Jan 2022 11:23

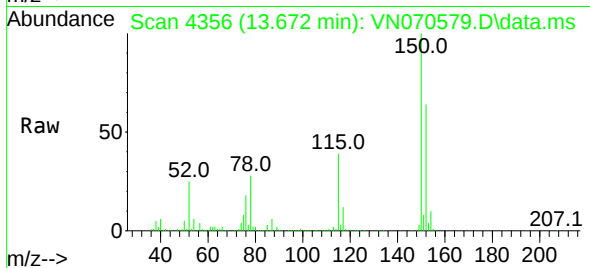
Tgt Ion: 117 Resp: 2227729
Ion Ratio Lower Upper
117 100
82 58.9 42.4 63.6
119 32.0 25.4 38.2



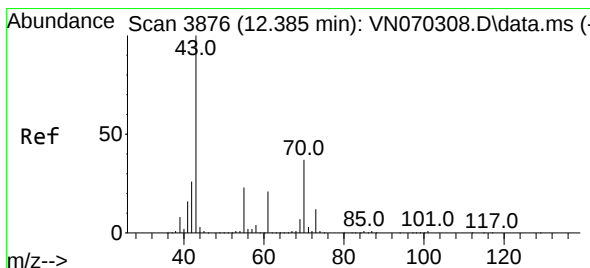
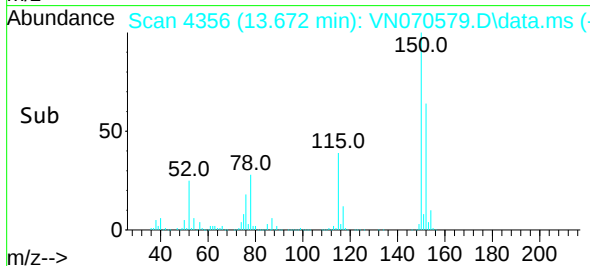
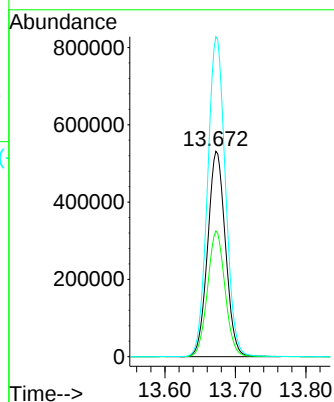


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070579.D
Acq: 12 Jan 2022 11:23

Instrument :
MSVOA_N
ClientSampleId :

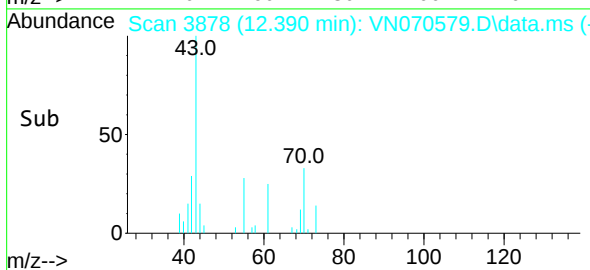
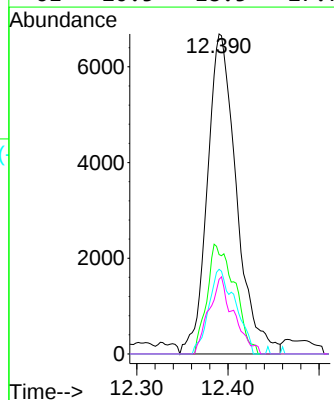
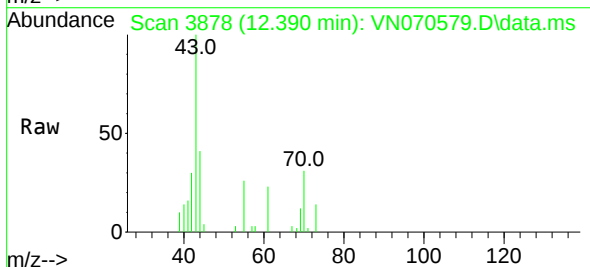


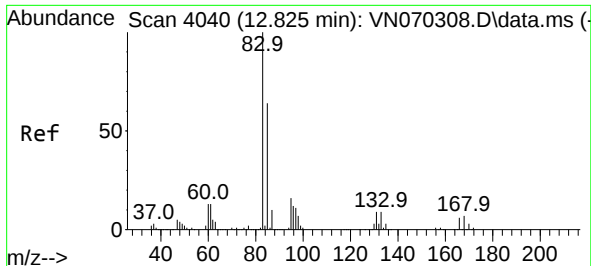
Tgt Ion:152 Resp: 932988
Ion Ratio Lower Upper
152 100
115 60.0 27.5 82.5
150 156.1 0.0 344.4



#74
N-ethyl acetate
Concen: 0.406 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.005 min
Lab File: VN070579.D
Acq: 12 Jan 2022 11:23

Tgt Ion: 43 Resp: 14804
Ion Ratio Lower Upper
43 100
70 32.6 33.4 50.0#
55 24.3 19.3 28.9
61 20.5 18.5 27.7

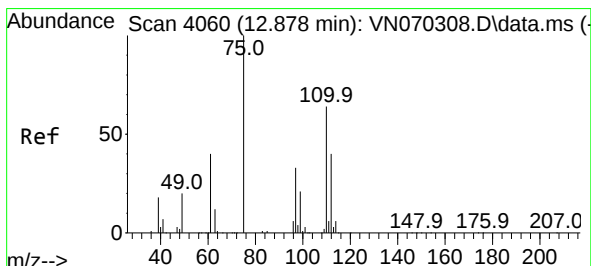
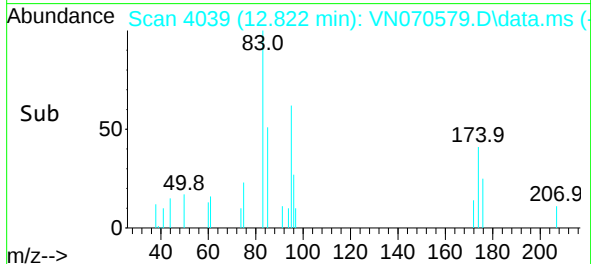
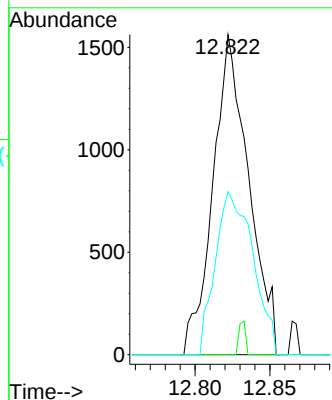
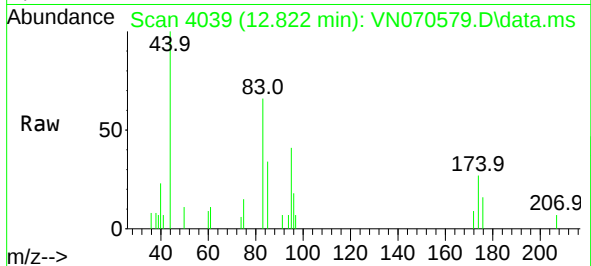




#75
1,1,2,2-Tetrachloroethane
Concen: 0.529 ug/l
RT: 12.822 min Scan# 4040
Delta R.T. -0.003 min
Lab File: VN070579.D
Acq: 12 Jan 2022 11:23

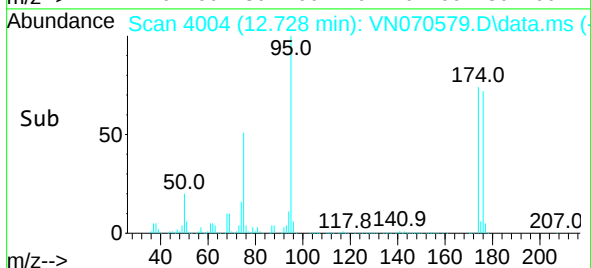
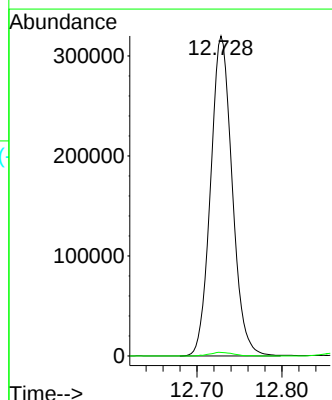
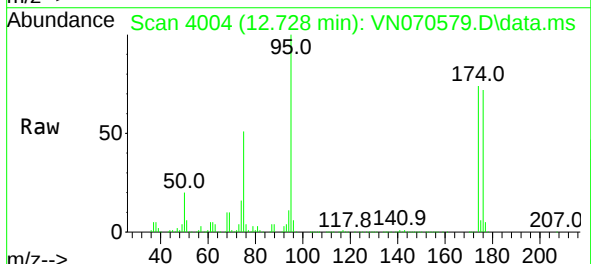
Instrument :
MSVOA_N
ClientSampleId :

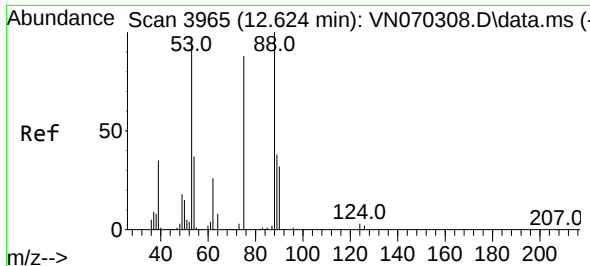
Tgt Ion: 83 Resp: 2595
Ion Ratio Lower Upper
83 100
131 2.0 5.5 16.5#
85 53.7 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 22.080 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.150 min
Lab File: VN070579.D
Acq: 12 Jan 2022 11:23

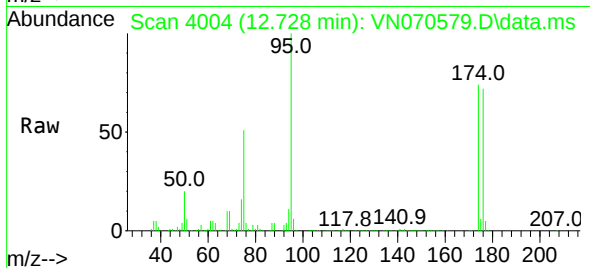
Tgt Ion: 75 Resp: 565260
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



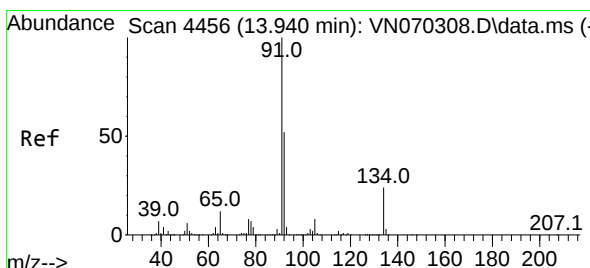
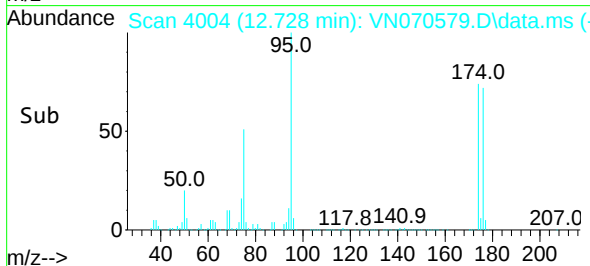
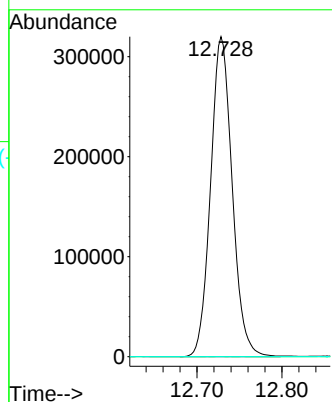


#81
trans-1,4-Dichloro-2-butene
Concen: 74.022 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.104 min
Lab File: VN070579.D
Acq: 12 Jan 2022 11:23

Instrument :
MSVOA_N
ClientSampleId :

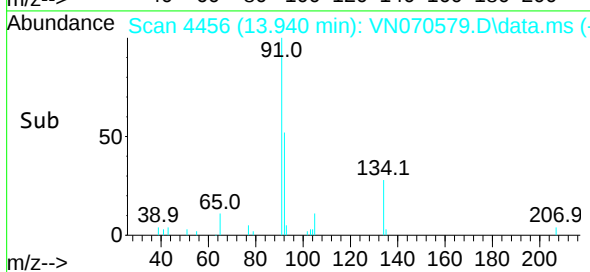
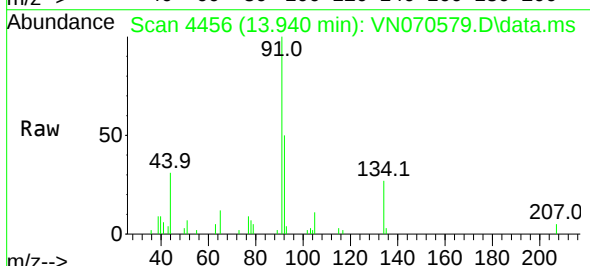
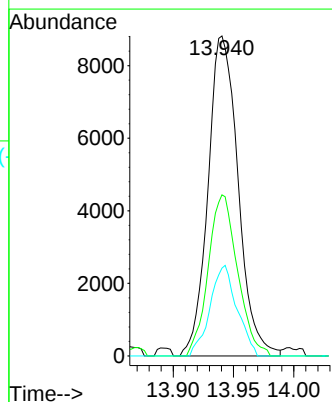


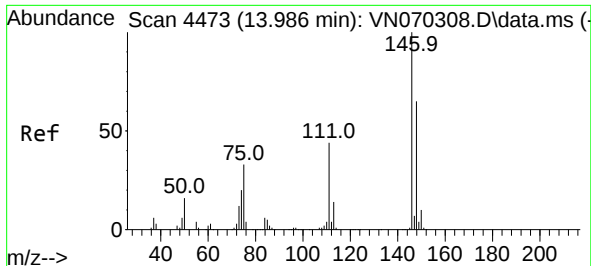
Tgt Ion: 75 Resp: 565260
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#89
n-Butylbenzene
Concen: 0.282 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070579.D
Acq: 12 Jan 2022 11:23

Tgt Ion: 91 Resp: 15330
Ion Ratio Lower Upper
91 100
92 49.0 25.4 76.0
134 25.3 13.6 40.8





#91

1,2-Dichlorobenzene

Concen: 0.213 ug/l

RT: 13.986 min Scan# 4473

Delta R.T. -0.000 min

Lab File: VN070579.D

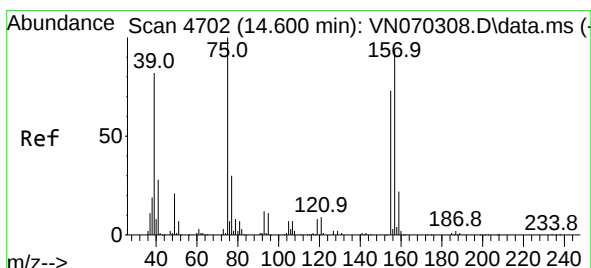
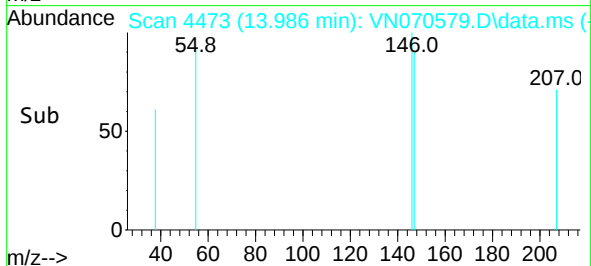
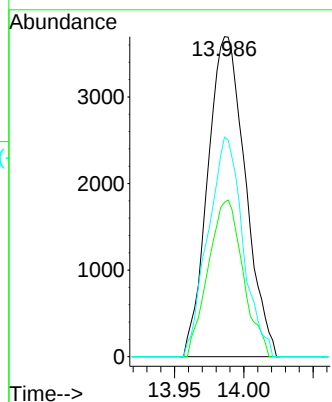
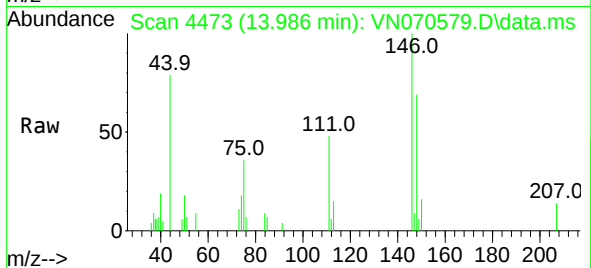
Acq: 12 Jan 2022 11:23

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	146	Resp:	6962
Ion	Ratio	Lower	Upper
146	100		
111	45.3	19.1	57.3
148	63.7	32.1	96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.213 ug/l

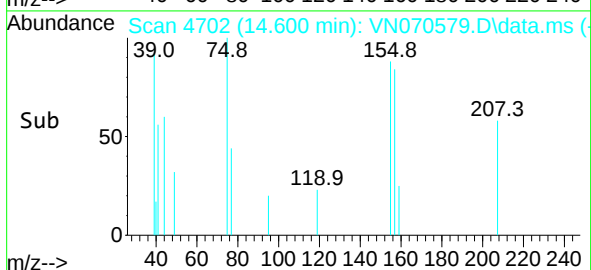
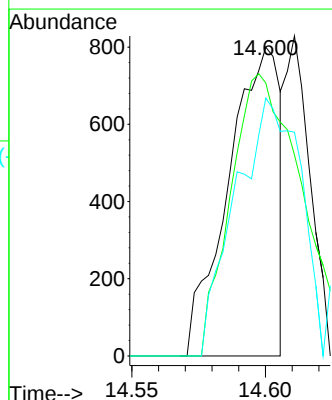
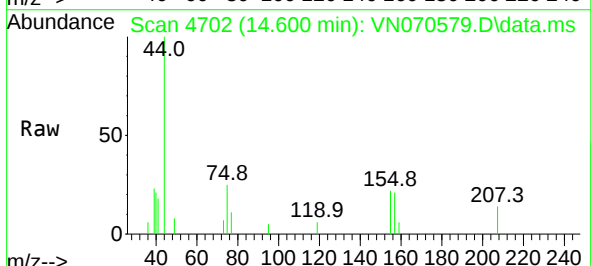
RT: 14.600 min Scan# 4702

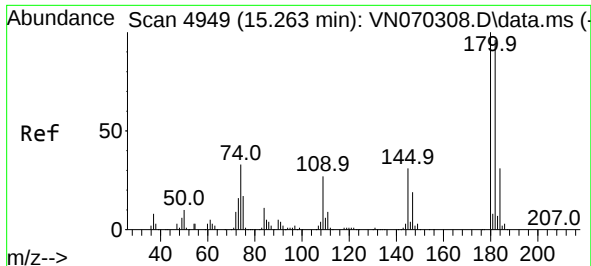
Delta R.T. 0.000 min

Lab File: VN070579.D

Acq: 12 Jan 2022 11:23

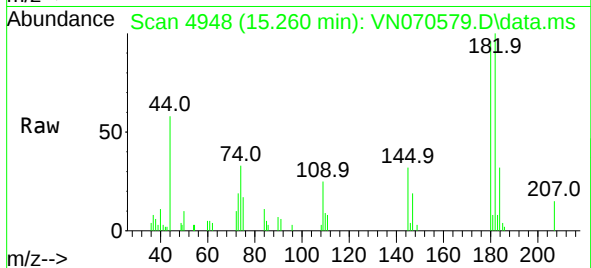
Tgt Ion:	75	Resp:	1070
Ion	Ratio	Lower	Upper
75	100		
155	123.3	46.9	140.7
157	105.7	60.6	181.7



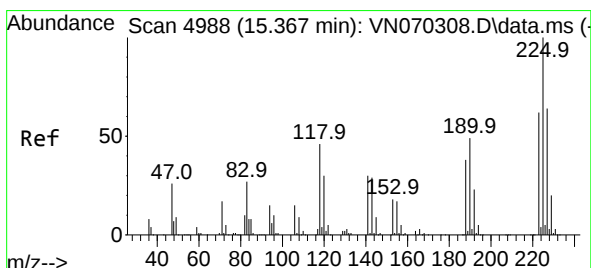
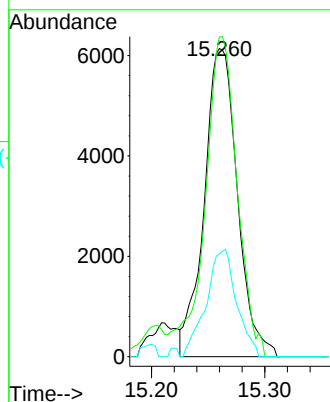
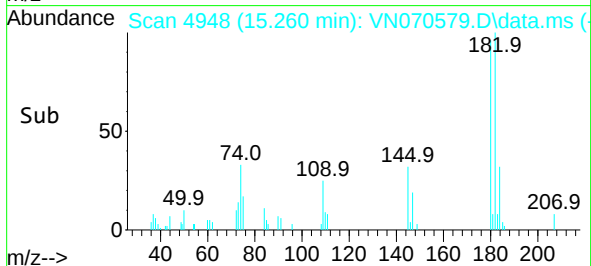


#93
1,2,4-Trichlorobenzene
Concen: 0.815 ug/l
RT: 15.260 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN070579.D
Acq: 12 Jan 2022 11:23

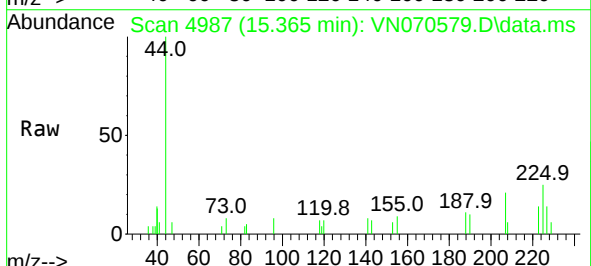
Instrument :
MSVOA_N
ClientSampleId :



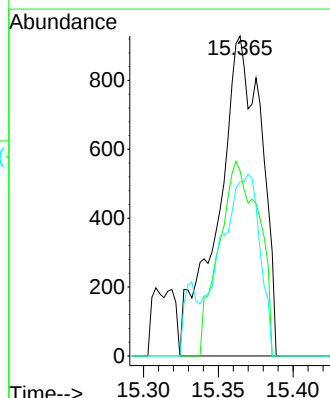
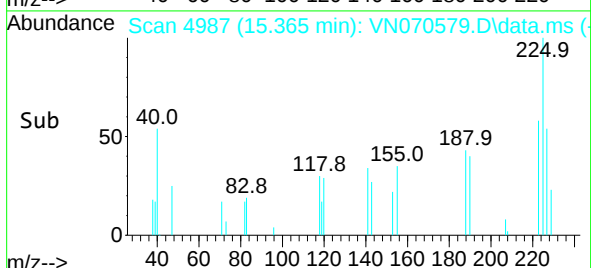
Tgt Ion:180 Resp: 12532
Ion Ratio Lower Upper
180 100
182 98.4 48.3 144.9
145 31.9 14.5 43.5

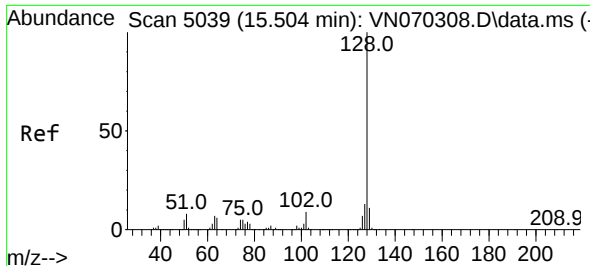


#94
Hexachlorobutadiene
Concen: 0.209 ug/l
RT: 15.365 min Scan# 4987
Delta R.T. -0.002 min
Lab File: VN070579.D
Acq: 12 Jan 2022 11:23



Tgt Ion:225 Resp: 1864
Ion Ratio Lower Upper
225 100
223 56.0 31.9 95.7
227 49.9 32.1 96.3

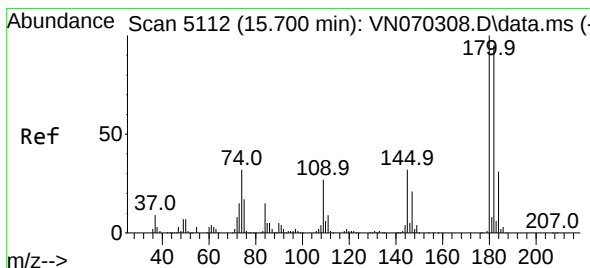
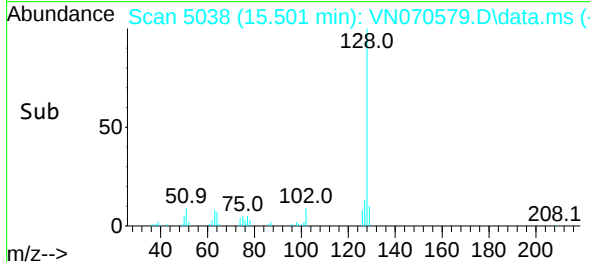
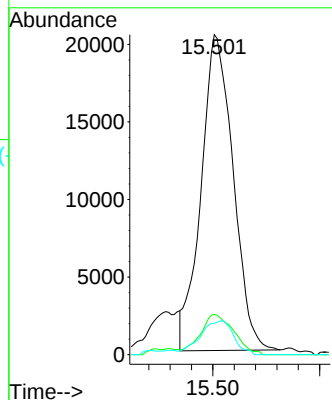
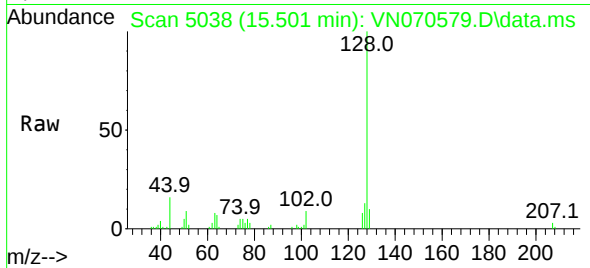




#95
Naphthalene
Concen: 2.759 ug/l
RT: 15.501 min Scan# 5109
Delta R.T. -0.003 min
Lab File: VN070579.D
Acq: 12 Jan 2022 11:23

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 42429
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.462 ug/l
RT: 15.692 min Scan# 5109
Delta R.T. -0.008 min
Lab File: VN070579.D
Acq: 12 Jan 2022 11:23

Tgt Ion:180 Resp: 9513
Ion Ratio Lower Upper
180 100
182 156.4 47.4 142.2#
145 47.8 15.0 45.1#

