

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011122\
 Data File : VN070570.D
 Acq On : 11 Jan 2022 15:26
 Operator : JC/MD
 Sample : N1080-01
 Misc : 4.17g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 12 06:01:21 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)

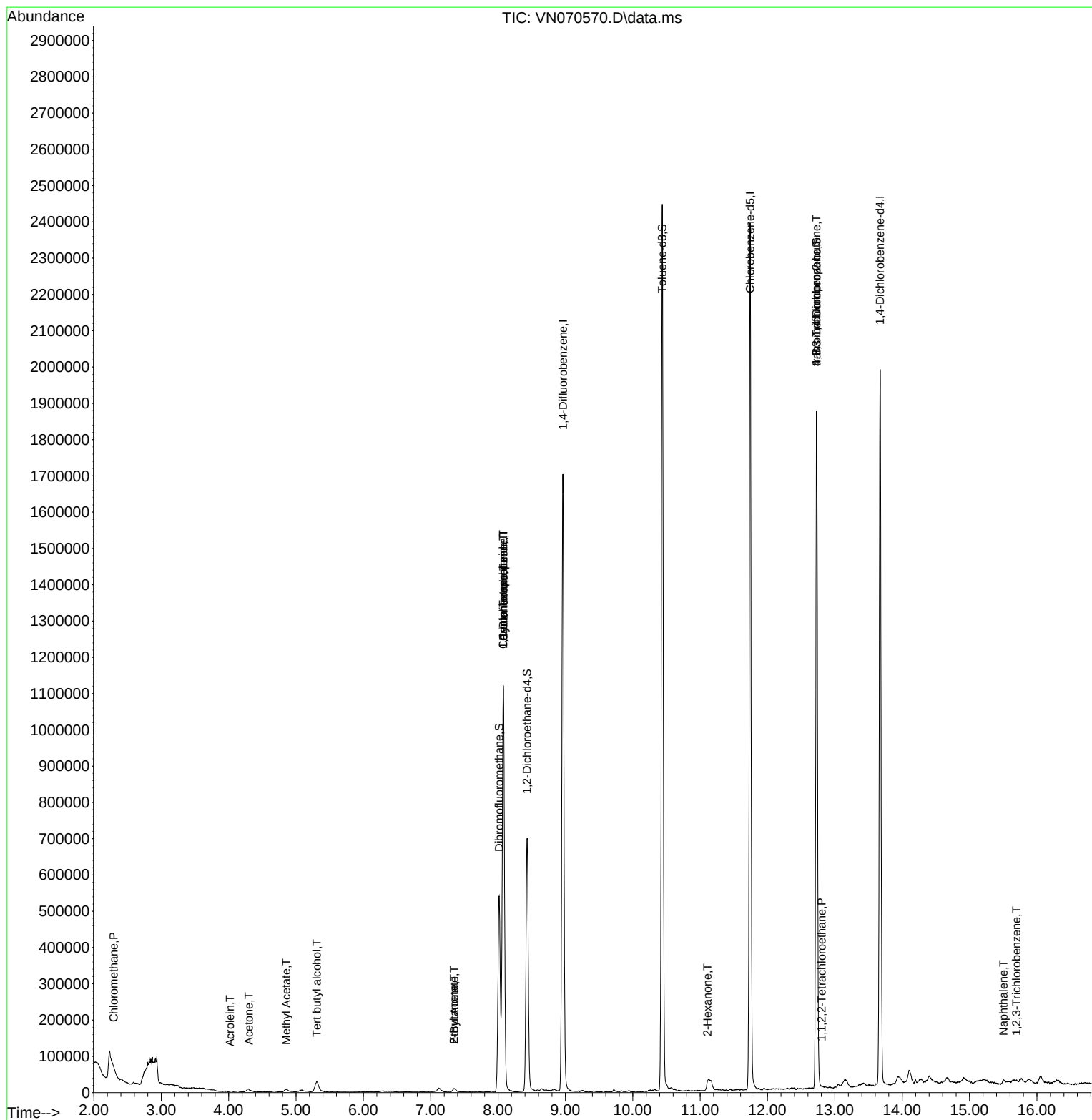
Internal Standards						
1) Pentafluorobenzene	8.078	168	892774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1496662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1386318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	548885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	591261	46.061	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.120%
35) Dibromofluoromethane	8.016	113	408111	45.067	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.140%
50) Toluene-d8	10.438	98	1732678	46.838	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.680%
62) 4-Bromofluorobenzene	12.728	95	686710	51.396	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.800%
Target Compounds						
					Qvalue	
3) Chloromethane	2.293	50	3162	0.230	ug/l #	85
11) Tert butyl alcohol	5.307	59	33009	15.444	ug/l #	72
13) Acrolein	4.022	56	601	0.347	ug/l	96
16) Acetone	4.299	43	6389	0.767	ug/l #	85
18) Methyl Acetate	4.854	43	8779	0.364	ug/l #	67
25) 2-Butanone	7.345	43	14309	1.364	ug/l	95
31) Cyclohexane	8.078	56	20205	0.997	ug/l #	3
36) 1,1-Dichloropropene	8.075	75	71669	4.784	ug/l #	48
37) Ethyl Acetate	7.345	43	14309	0.737	ug/l #	68
38) Carbon Tetrachloride	8.075	117	86329	6.035	ug/l #	16
59) 2-Hexanone	11.108	43	6781	0.483	ug/l #	25
75) 1,1,2,2-Tetrachloroethane	12.806	83	81	0.451	ug/l #	59
76) 1,2,3-Trichloropropane	12.728	75	354807	23.375	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.728	75	354807	78.977	ug/l #	5
95) Naphthalene	15.504	128	6984	2.066	ug/l	97
96) 1,2,3-Trichlorobenzene	15.694	180	1552	1.002	ug/l #	93

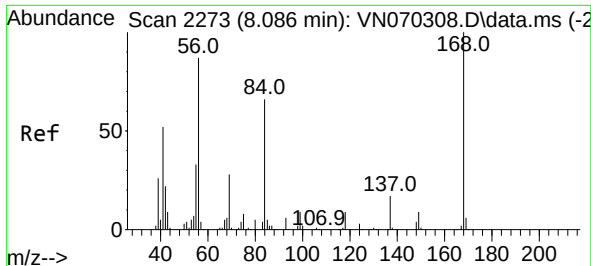
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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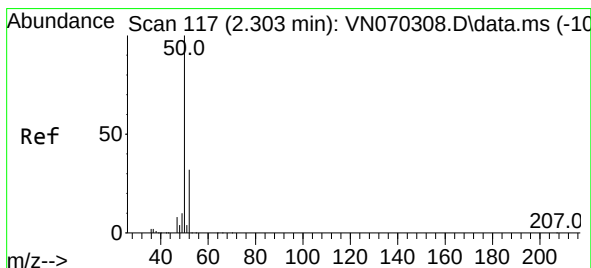
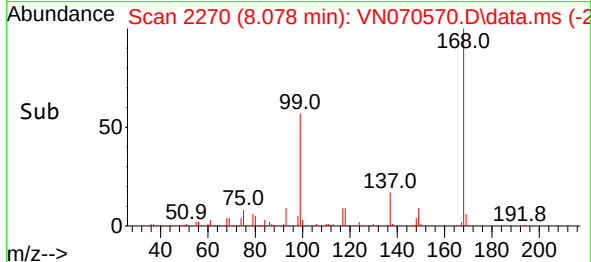
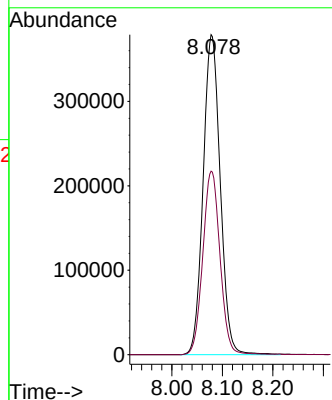
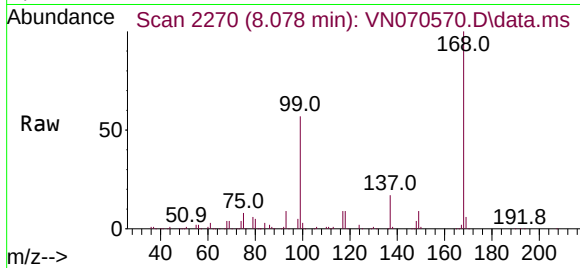




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.078 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070570.D
Acq: 11 Jan 2022 15:26

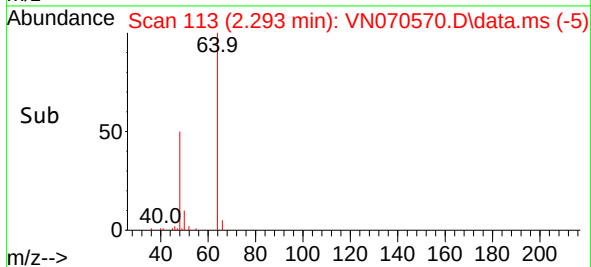
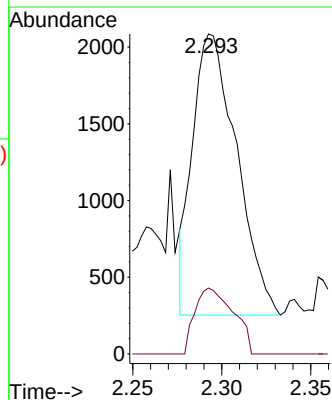
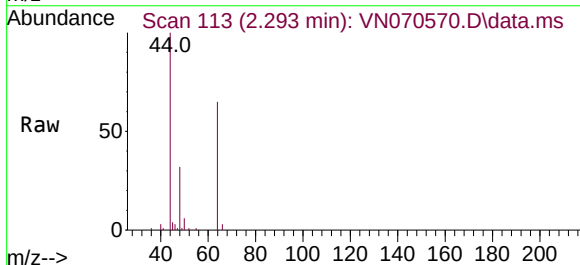
Instrument :
MSVOA_N
ClientSampleId :

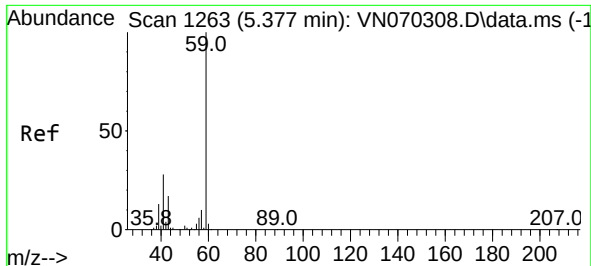
Tgt Ion:168 Resp: 892774
Ion Ratio Lower Upper
168 100
99 57.4 41.3 61.9



#3
Chloromethane
Concen: 0.230 ug/l
RT: 2.293 min Scan# 113
Delta R.T. -0.010 min
Lab File: VN070570.D
Acq: 11 Jan 2022 15:26

Tgt Ion: 50 Resp: 3162
Ion Ratio Lower Upper
50 100
52 23.4 25.4 38.0#





#11

Tert butyl alcohol

Concen: 15.444 ug/l

RT: 5.307 min Scan# 11

Delta R.T. -0.070 min

Lab File: VN070570.D

Acq: 11 Jan 2022 15:26

Instrument :

MSVOA_N

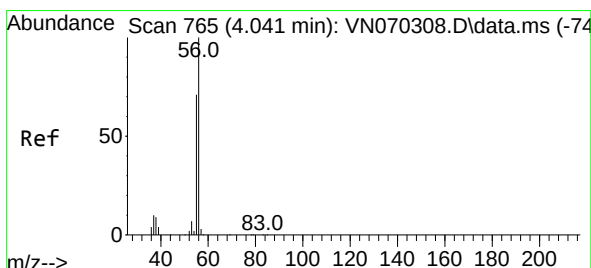
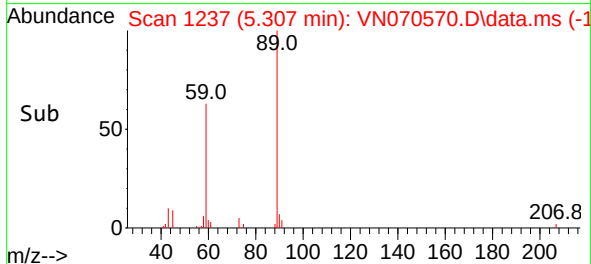
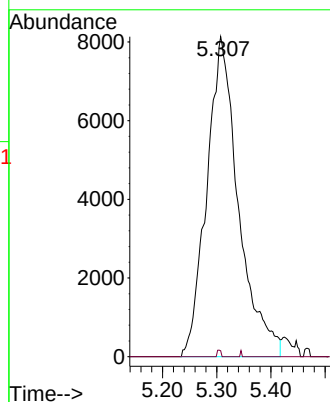
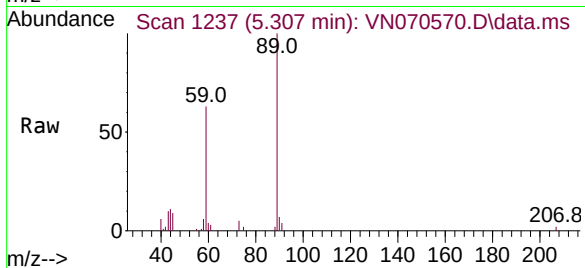
ClientSampleId :

Tgt Ion: 59 Resp: 33009

Ion Ratio Lower Upper

59 100

57 0.2 8.7 13.1#



#13

Acrolein

Concen: 0.347 ug/l

RT: 4.022 min Scan# 758

Delta R.T. -0.019 min

Lab File: VN070570.D

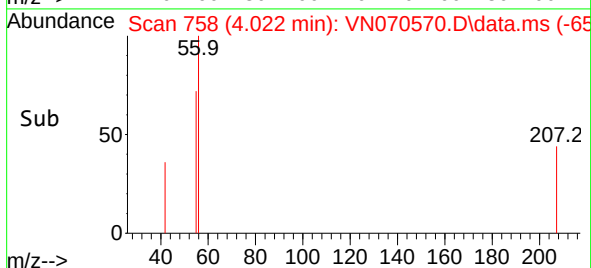
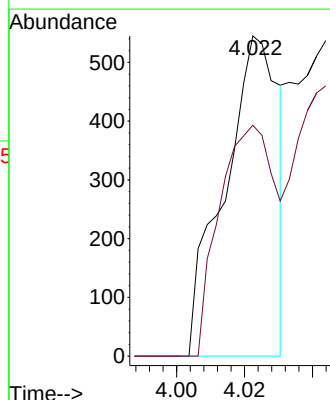
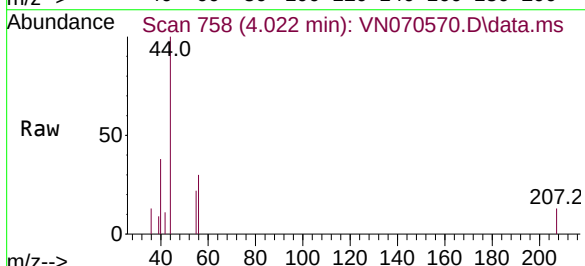
Acq: 11 Jan 2022 15:26

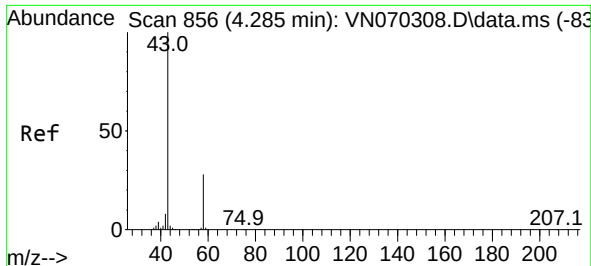
Tgt Ion: 56 Resp: 601

Ion Ratio Lower Upper

56 100

55 74.2 56.6 85.0

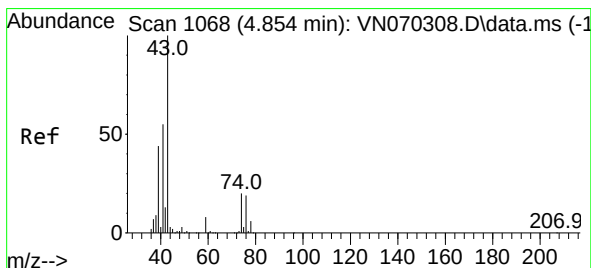
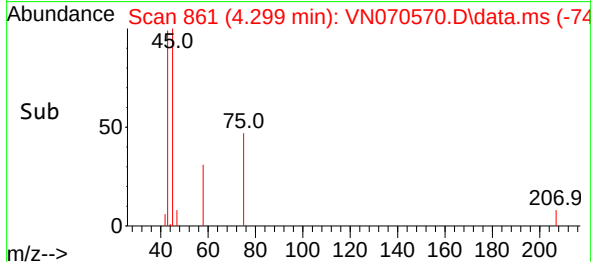
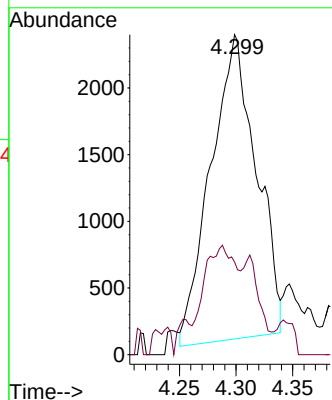
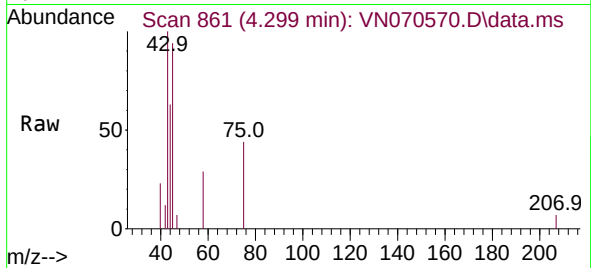




#16
Acetone
Concen: 0.767 ug/l
RT: 4.299 min Scan# 80
Delta R.T. 0.014 min
Lab File: VN070570.D
Acq: 11 Jan 2022 15:26

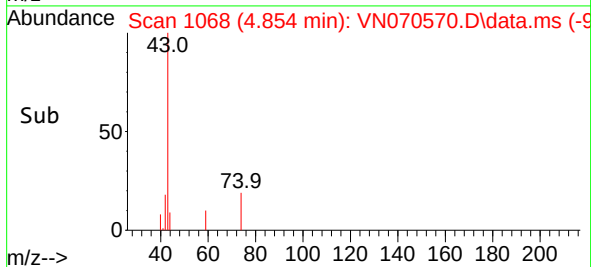
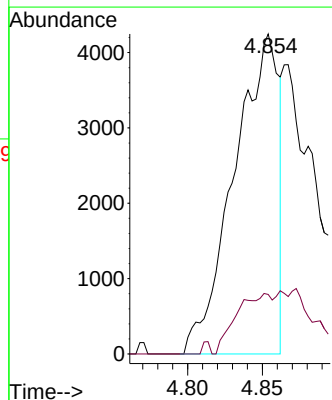
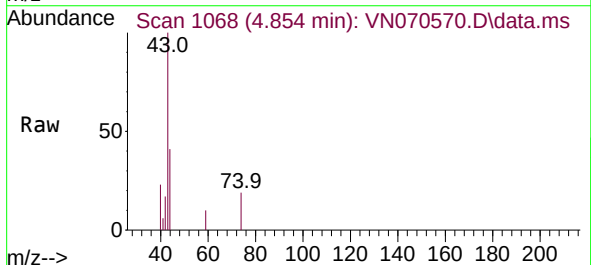
Instrument :
MSVOA_N
ClientSampleId :

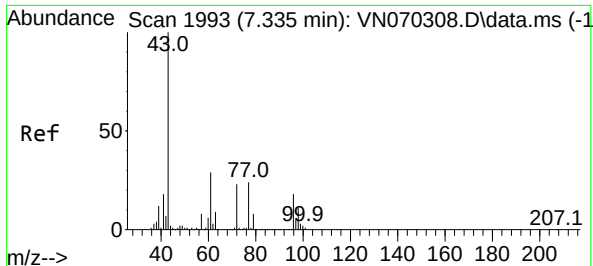
Tgt Ion: 43 Resp: 6389
Ion Ratio Lower Upper
43 100
58 21.2 23.1 34.7#



#18
Methyl Acetate
Concen: 0.364 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN070570.D
Acq: 11 Jan 2022 15:26

Tgt Ion: 43 Resp: 8779
Ion Ratio Lower Upper
43 100
74 8.2 19.4 29.2#

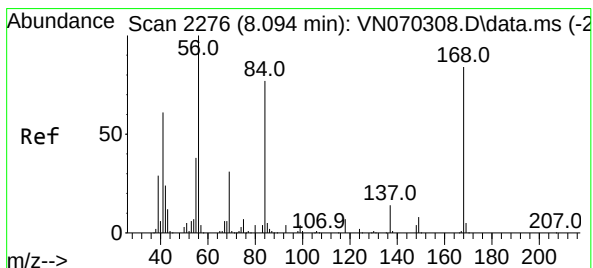
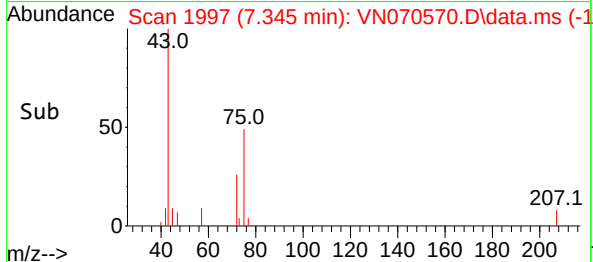
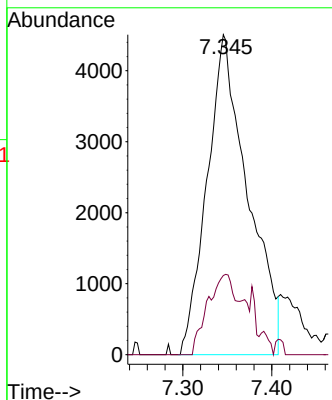
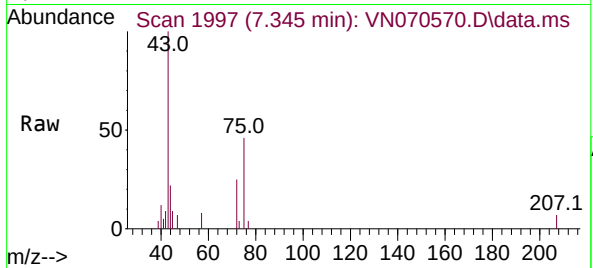




#25
2-Butanone
Concen: 1.364 ug/l
RT: 7.345 min Scan# 1993
Delta R.T. 0.010 min
Lab File: VN070570.D
Acq: 11 Jan 2022 15:26

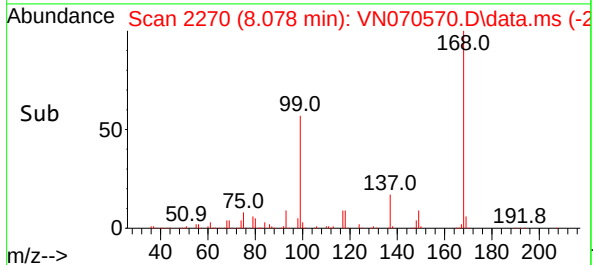
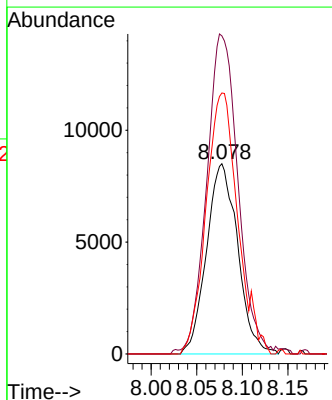
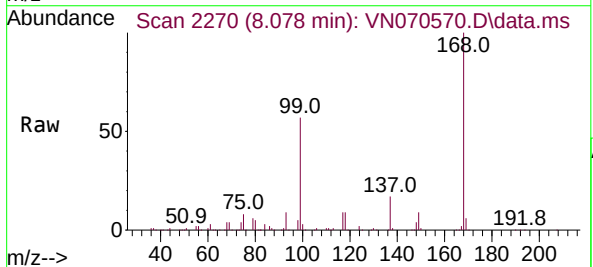
Instrument :
MSVOA_N
ClientSampleId :

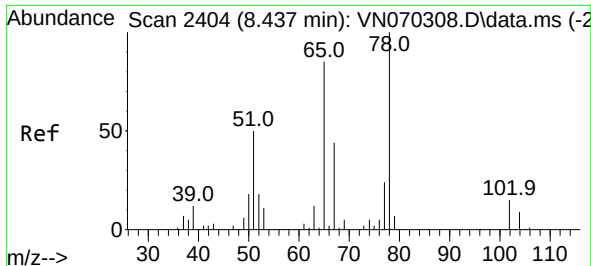
Tgt Ion: 43 Resp: 14309
Ion Ratio Lower Upper
43 100
72 24.8 21.7 32.5



#31
Cyclohexane
Concen: 0.997 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.016 min
Lab File: VN070570.D
Acq: 11 Jan 2022 15:26

Tgt Ion: 56 Resp: 20205
Ion Ratio Lower Upper
56 100
69 165.1 27.1 40.7#
84 137.1 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 46.061 ug/l

RT: 8.432 min Scan# 24

Delta R.T. -0.005 min

Lab File: VN070570.D

Acq: 11 Jan 2022 15:26

Instrument :

MSVOA_N

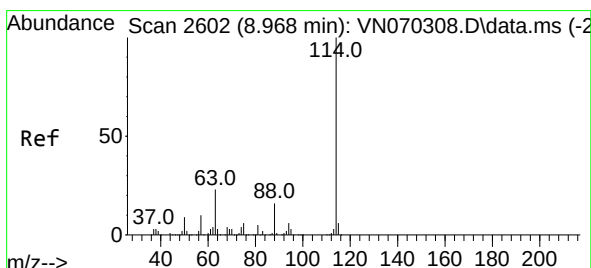
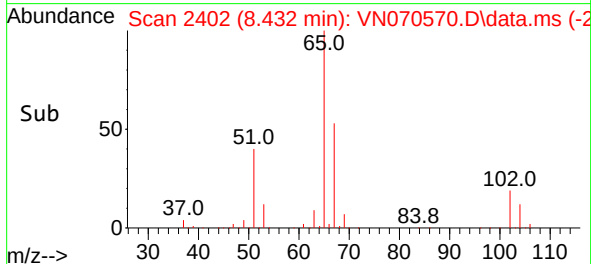
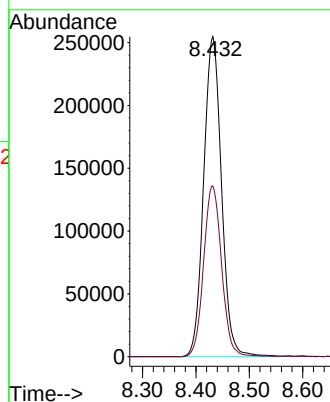
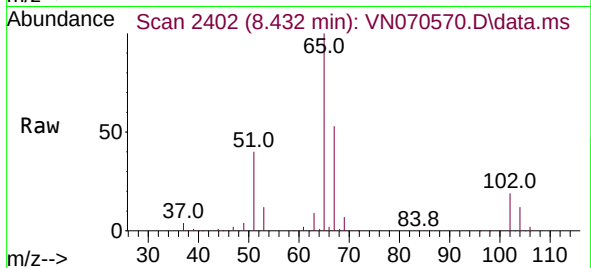
ClientSampleId :

Tgt Ion: 65 Resp: 591261

Ion Ratio Lower Upper

65 100

67 53.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 2600

Delta R.T. -0.005 min

Lab File: VN070570.D

Acq: 11 Jan 2022 15:26

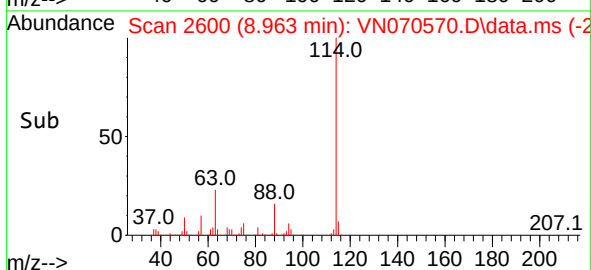
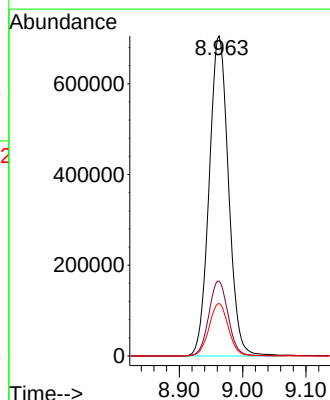
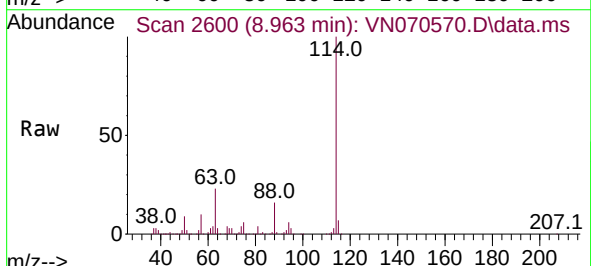
Tgt Ion: 114 Resp: 1496662

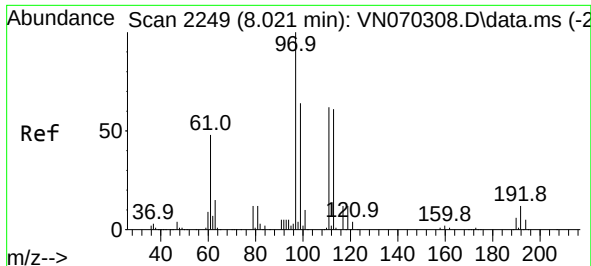
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

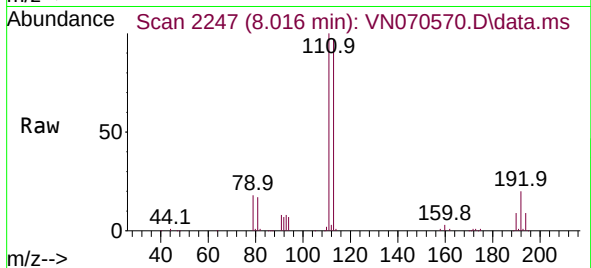
88 16.4 0.0 27.4



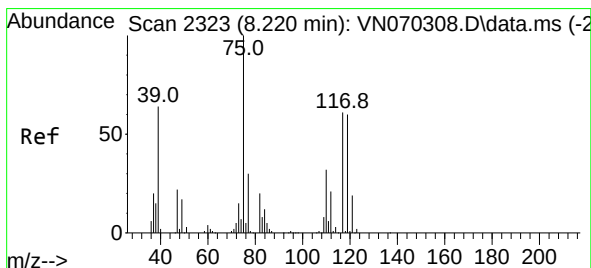
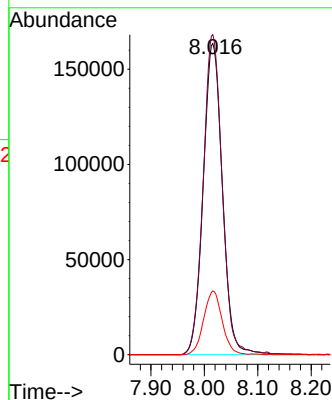
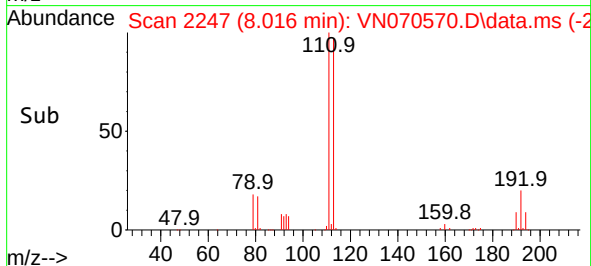


#35
Dibromofluoromethane
Concen: 45.067 ug/l
RT: 8.016 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN070570.D
Acq: 11 Jan 2022 15:26

Instrument :
MSVOA_N
ClientSampleId :

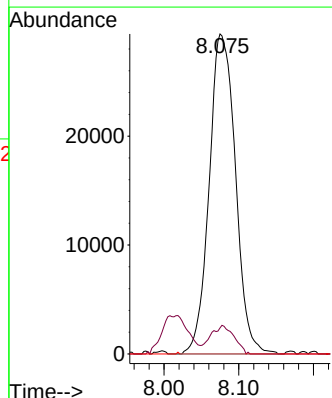
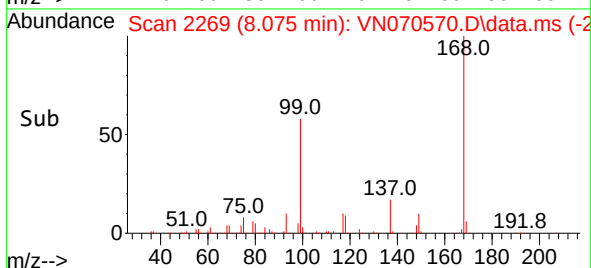
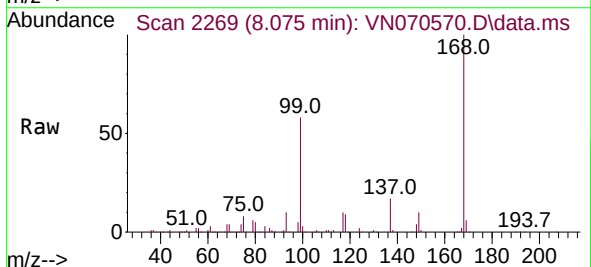


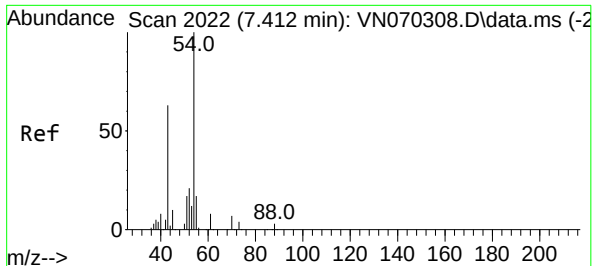
Tgt Ion:113 Resp: 408111
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.784 ug/l
RT: 8.075 min Scan# 2269
Delta R.T. -0.145 min
Lab File: VN070570.D
Acq: 11 Jan 2022 15:26

Tgt Ion: 75 Resp: 71669
Ion Ratio Lower Upper
75 100
110 7.9 18.4 55.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 0.737 ug/l

RT: 7.345 min Scan# 1997

Delta R.T. -0.067 min

Lab File: VN070570.D

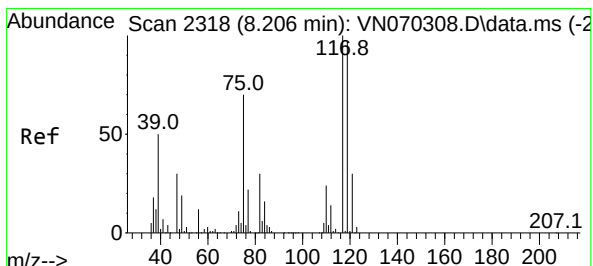
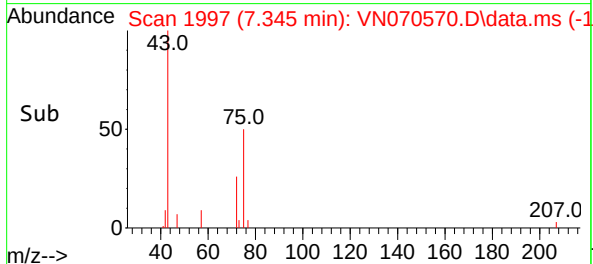
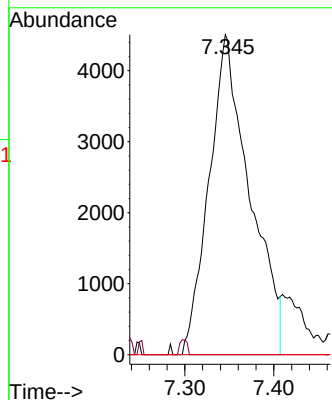
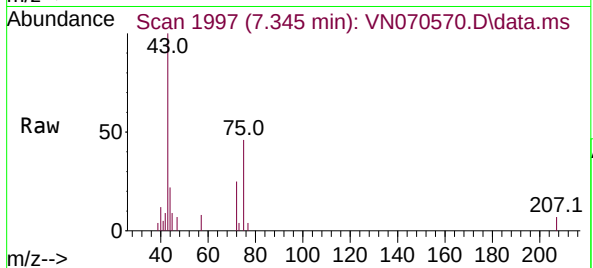
Acq: 11 Jan 2022 15:26

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	43	Resp:	14309
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.0	7.9	11.9#



#38

Carbon Tetrachloride

Concen: 6.035 ug/l

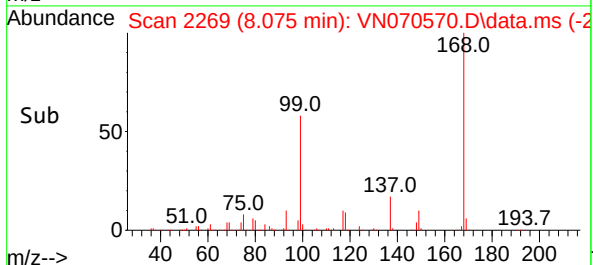
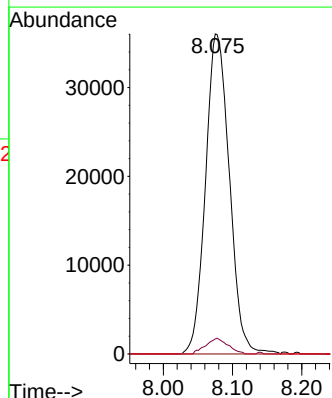
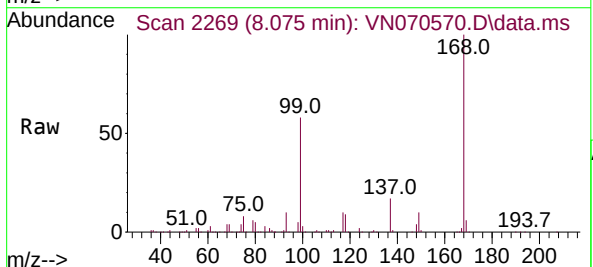
RT: 8.075 min Scan# 2269

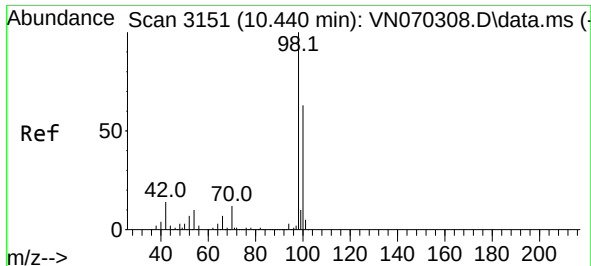
Delta R.T. -0.131 min

Lab File: VN070570.D

Acq: 11 Jan 2022 15:26

Tgt Ion:	117	Resp:	86329
Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.1	114.1#
121	0.0	24.2	36.2#

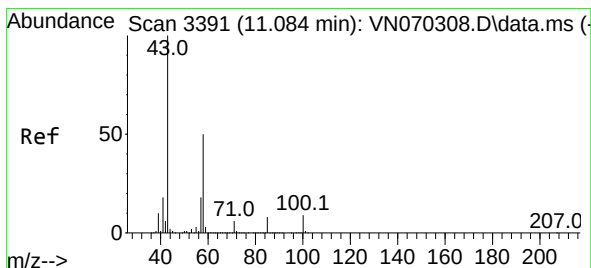
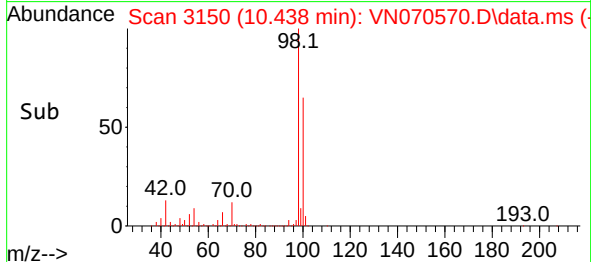
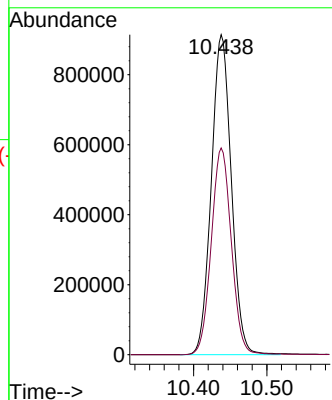
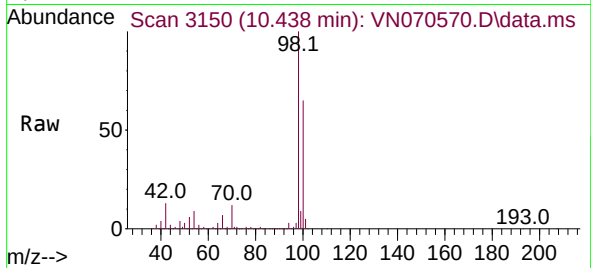




#50
Toluene-d8
Concen: 46.838 ug/l
RT: 10.438 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN070570.D
Acq: 11 Jan 2022 15:26

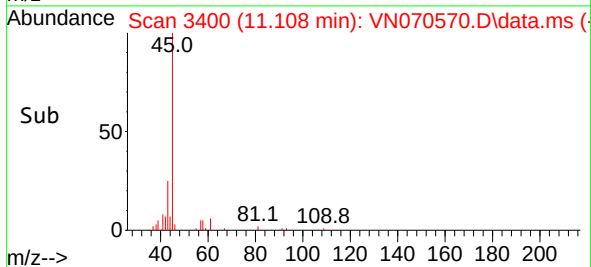
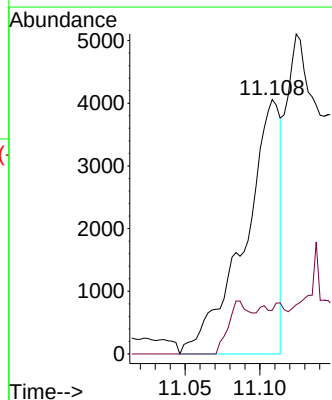
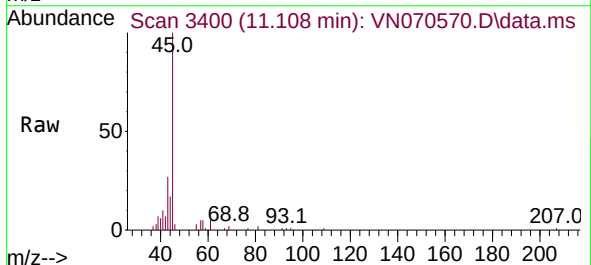
Instrument :
MSVOA_N
ClientSampleId :

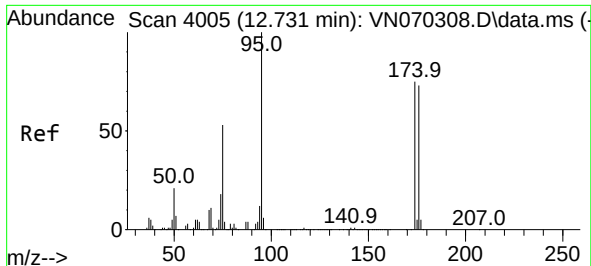
Tgt Ion: 98 Resp: 1732678
Ion Ratio Lower Upper
98 100
100 64.7 50.4 75.6



#59
2-Hexanone
Concen: 0.483 ug/l
RT: 11.108 min Scan# 3400
Delta R.T. 0.024 min
Lab File: VN070570.D
Acq: 11 Jan 2022 15:26

Tgt Ion: 43 Resp: 6781
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.7#

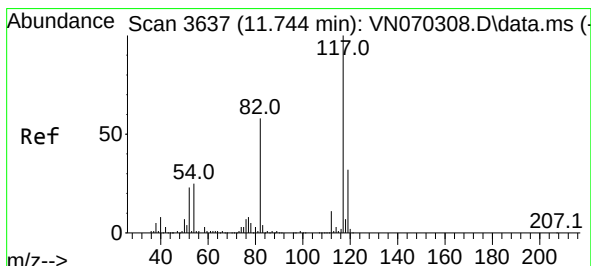
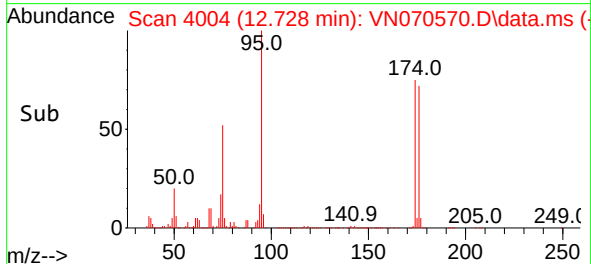
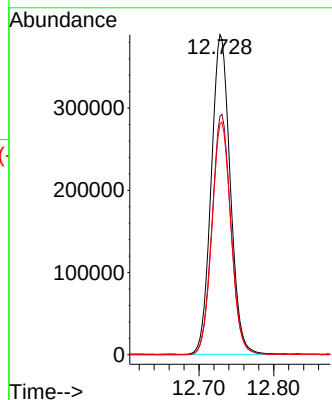
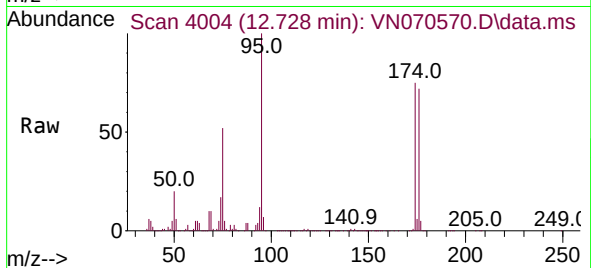




#62
4-Bromofluorobenzene
Concen: 51.396 ug/l
RT: 12.728 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN070570.D
Acq: 11 Jan 2022 15:26

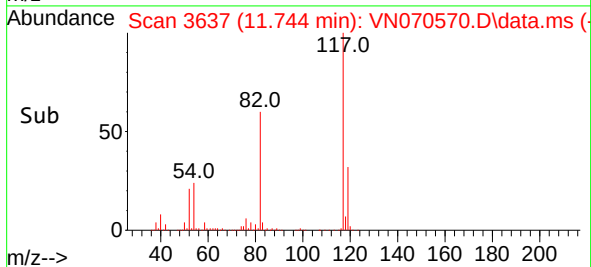
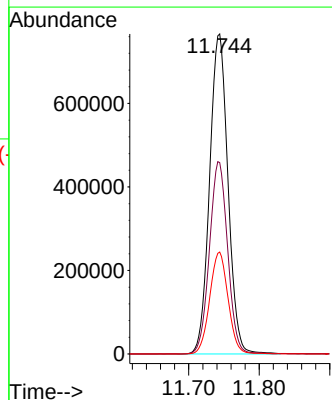
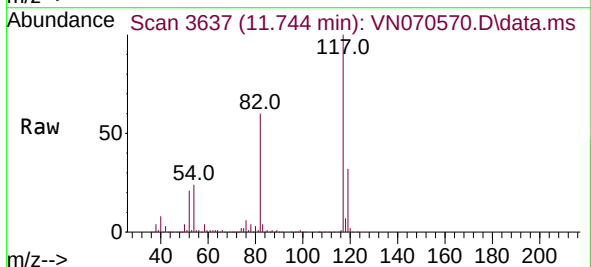
Instrument :
MSVOA_N
ClientSampleId :

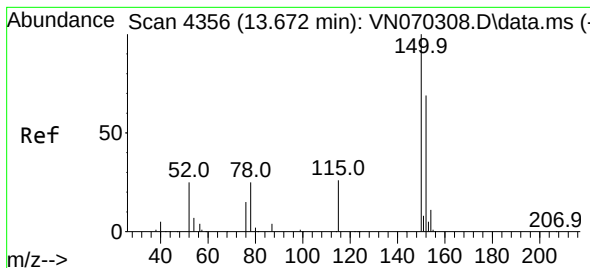
Tgt Ion: 95 Resp: 686710
Ion Ratio Lower Upper
95 100
174 75.1 0.0 187.2
176 72.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070570.D
Acq: 11 Jan 2022 15:26

Tgt Ion: 117 Resp: 1386318
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 31.8 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

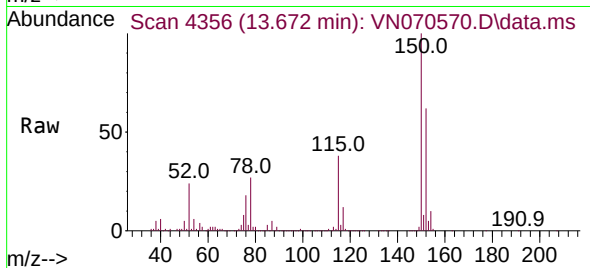
Lab File: VN070570.D

Acq: 11 Jan 2022 15:26

Instrument :

MSVOA_N

ClientSampleId :



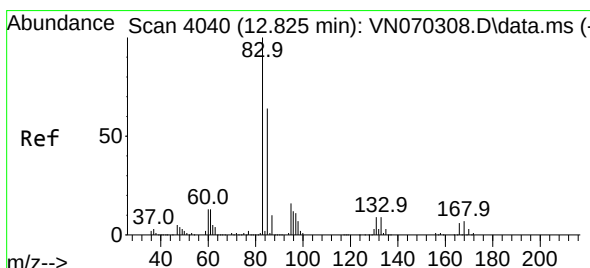
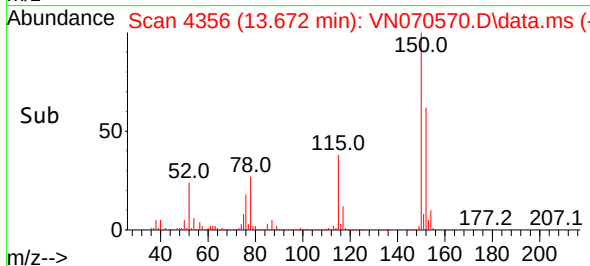
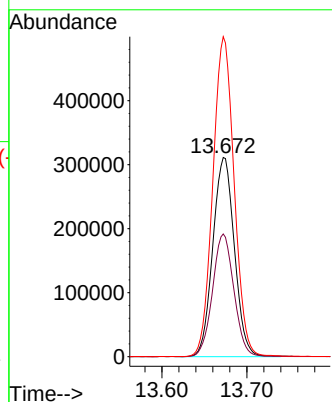
Tgt Ion:152 Resp: 548885

Ion Ratio Lower Upper

152 100

115 61.1 27.5 82.5

150 158.4 0.0 344.4



#75

1,1,2,2-Tetrachloroethane

Concen: 0.451 ug/l

RT: 12.806 min Scan# 4033

Delta R.T. -0.019 min

Lab File: VN070570.D

Acq: 11 Jan 2022 15:26

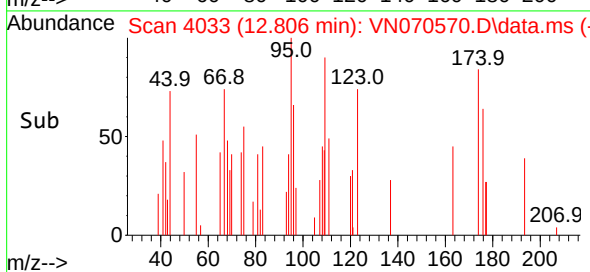
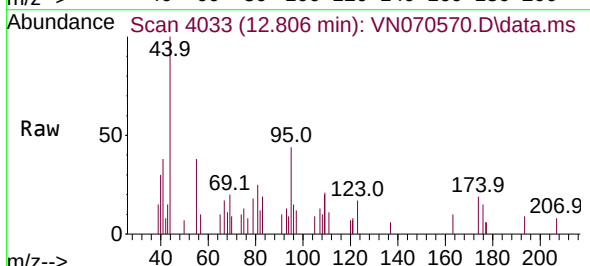
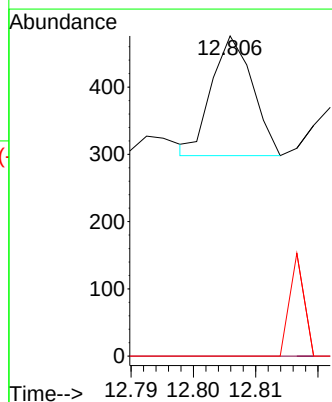
Tgt Ion: 83 Resp: 81

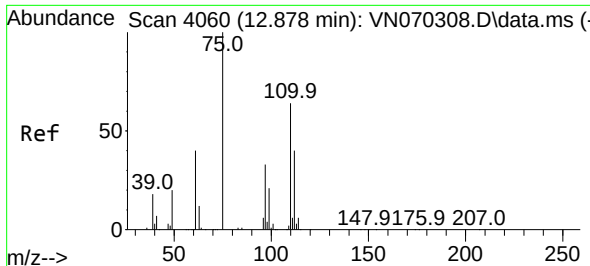
Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.5#

85 30.9 32.4 97.2#

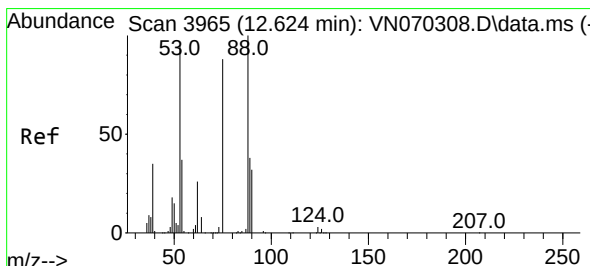
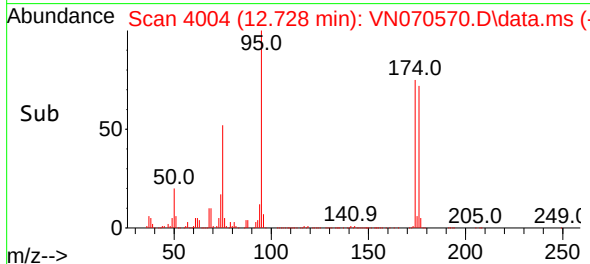
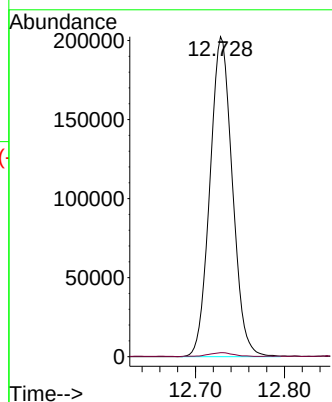
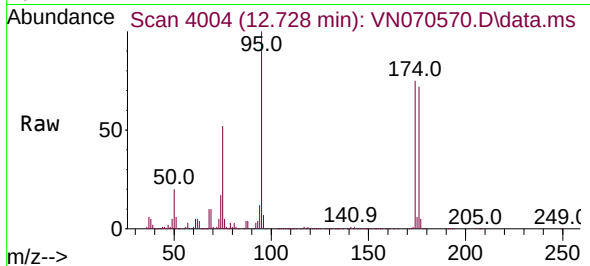




#76
1,2,3-Trichloropropane
Concen: 23.375 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.150 min
Lab File: VN070570.D
Acq: 11 Jan 2022 15:26

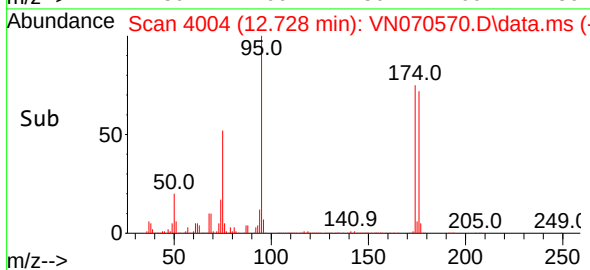
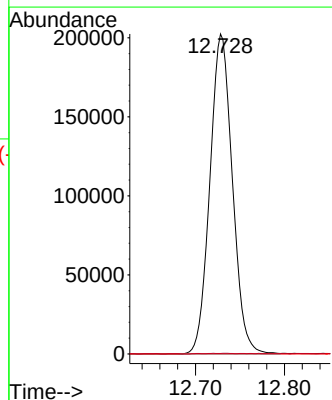
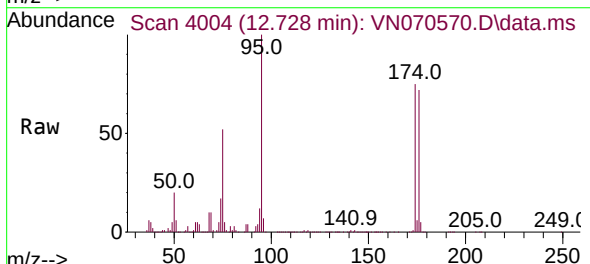
Instrument :
MSVOA_N
ClientSampleId :

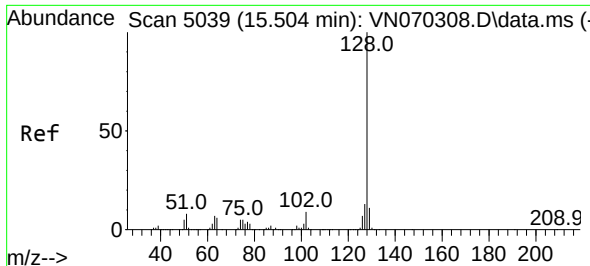
Tgt Ion: 75 Resp: 354807
Ion Ratio Lower Upper
75 100
77 1.5 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.977 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.104 min
Lab File: VN070570.D
Acq: 11 Jan 2022 15:26

Tgt Ion: 75 Resp: 354807
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

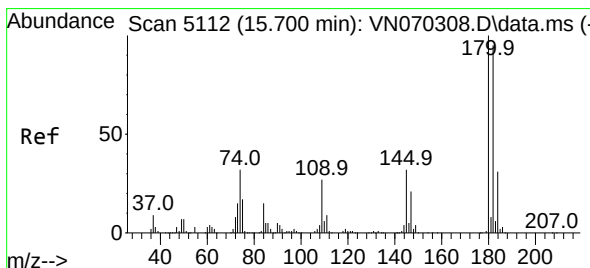
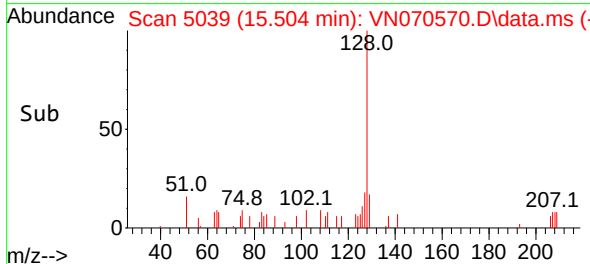
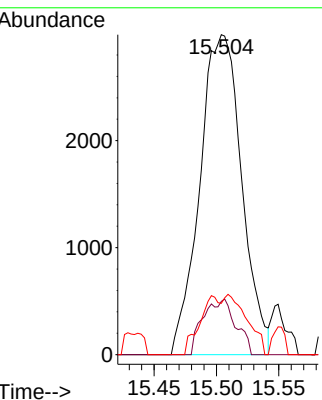
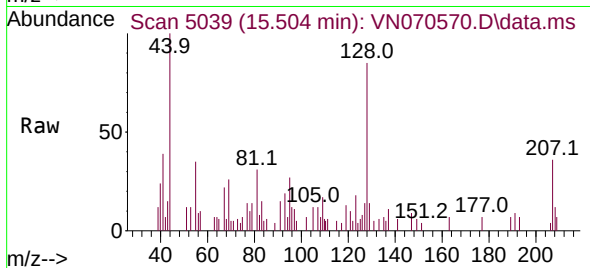




#95
Naphthalene
Concen: 2.066 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070570.D
Acq: 11 Jan 2022 15:26

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	128	Resp:	6984
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.5	15.7
129	9.4	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.002 ug/l
RT: 15.694 min Scan# 5110
Delta R.T. -0.006 min
Lab File: VN070570.D
Acq: 11 Jan 2022 15:26

Tgt Ion:	180	Resp:	1552
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.4	142.2
145	14.4	15.0	45.1

