

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011022\
 Data File : VN070554.D
 Acq On : 10 Jan 2022 19:51
 Operator : JC/MD
 Sample : N1051-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

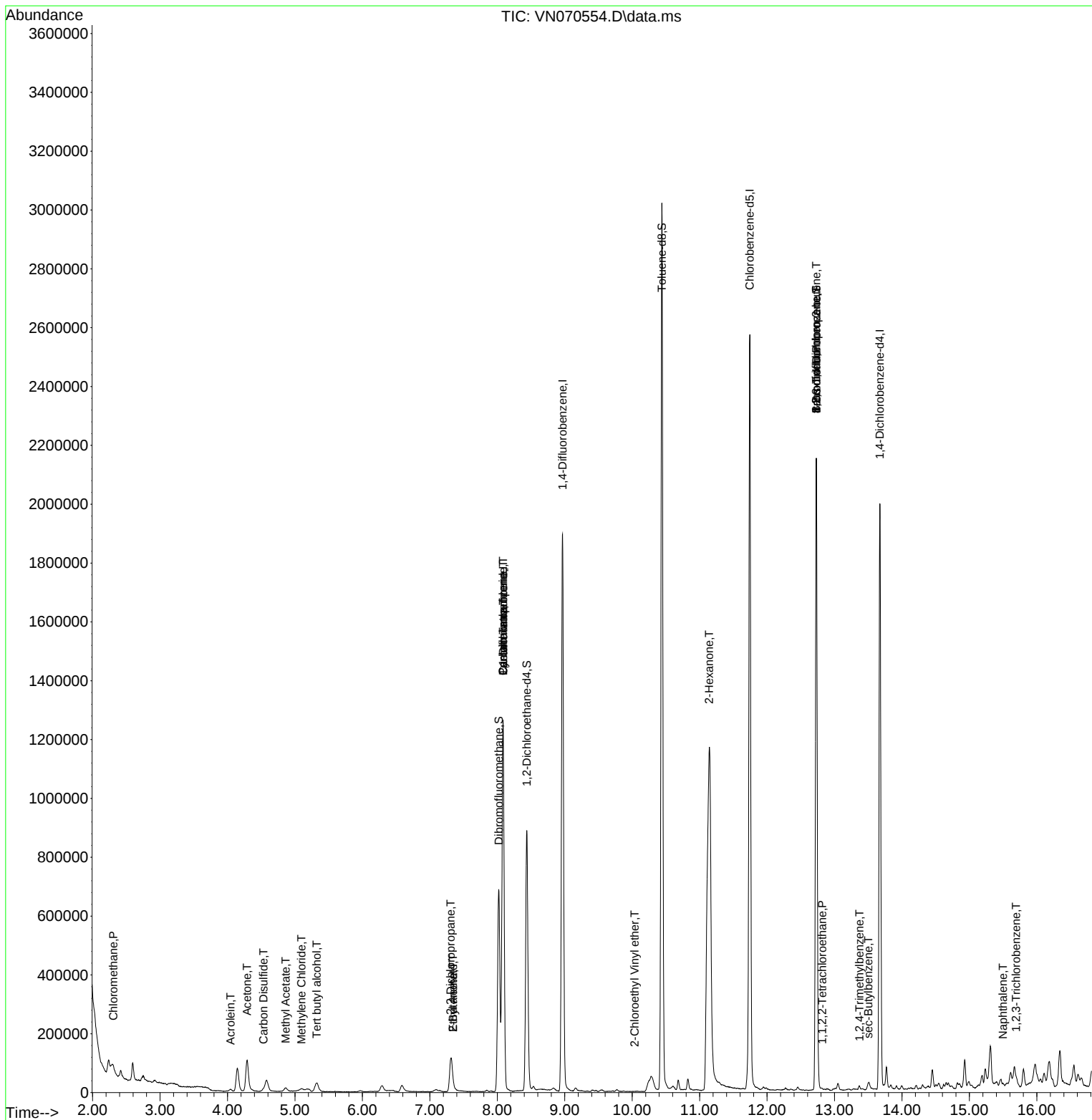
Quant Time: Jan 11 06:07:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

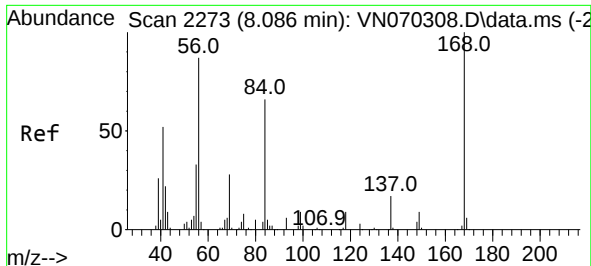
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	978893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1665735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1483837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	555029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	735987	52.292	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.580%	
35) Dibromofluoromethane	8.021	113	521123	51.706	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.420%	
50) Toluene-d8	10.440	98	2129820	51.730	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.460%	
62) 4-Bromofluorobenzene	12.731	95	798491	53.697	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 107.400%	
Target Compounds						Qvalue
3) Chloromethane	2.306	50	3955	0.262	ug/l	95
11) Tert butyl alcohol	5.320	59	34114	14.557	ug/l #	72
13) Acrolein	4.044	56	8698	4.574	ug/l	97
16) Acetone	4.291	43	198071	21.679	ug/l	94
17) Carbon Disulfide	4.532	76	18357	0.675	ug/l	99
18) Methyl Acetate	4.865	43	25168	0.952	ug/l	93
20) Methylene Chloride	5.095	84	4103	0.325	ug/l #	88
25) 2-Butanone	7.343	43	29397	2.555	ug/l #	82
26) 2,2-Dichloropropane	7.308	77	4125	0.229	ug/l #	52
31) Cyclohexane	8.086	56	22431	1.010	ug/l #	13
36) 1,1-Dichloropropene	8.086	75	78120	4.686	ug/l #	48
37) Ethyl Acetate	7.343	43	29397	1.360	ug/l #	68
38) Carbon Tetrachloride	8.086	117	95647	6.008	ug/l #	17
58) 2-Chloroethyl Vinyl ether	10.038	63	130	18.536	ug/l #	45
59) 2-Hexanone	11.143	43	640867	41.047	ug/l #	43
71) Bromoform	12.731	173	3665	0.439	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.819	83	53	0.450	ug/l #	25
76) 1,2,3-Trichloropropane	12.731	75	405744	26.077	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	405744	89.315	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.369	105	8132	0.204	ug/l	90
85) sec-Butylbenzene	13.500	105	11266	0.228	ug/l	98
95) Naphthalene	15.499	128	5575	2.009	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.692	180	275	0.857	ug/l #	61

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

Quant Time: Jan 11 06:07:14 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

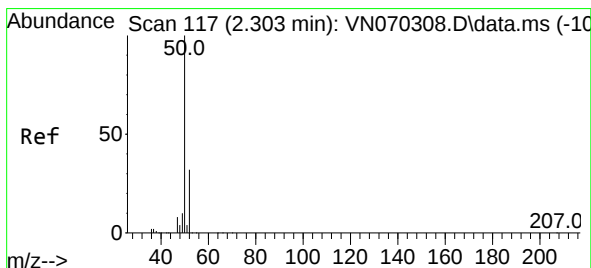
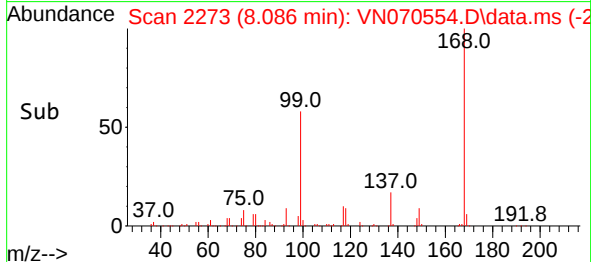
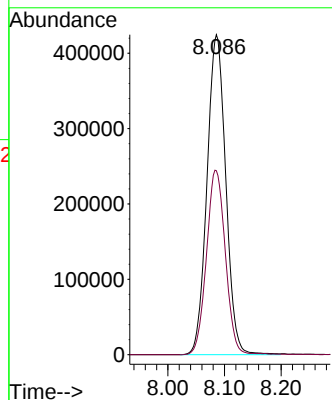
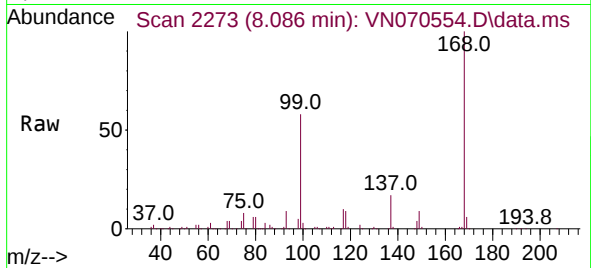




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

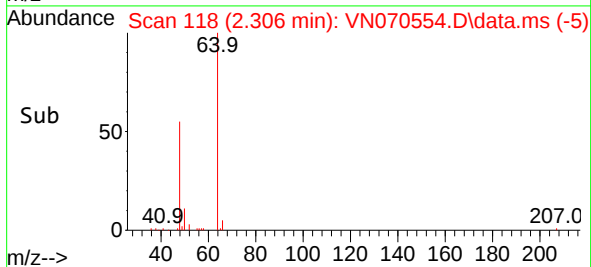
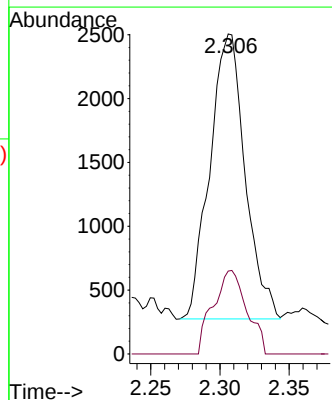
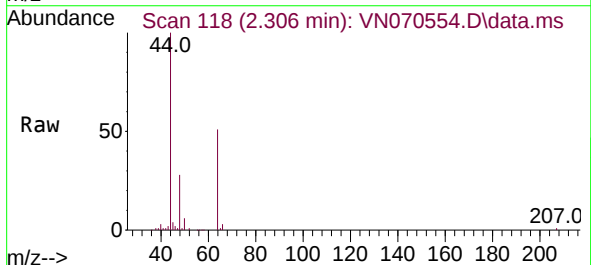
Instrument :
MSVOA_N
ClientSampleId :

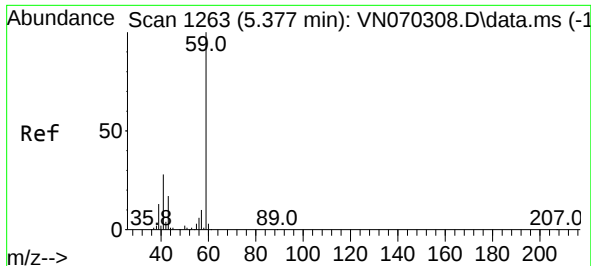
Tgt Ion:168 Resp: 978893
Ion Ratio Lower Upper
168 100
99 57.5 41.3 61.9



#3
Chloromethane
Concen: 0.262 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

Tgt Ion: 50 Resp: 3955
Ion Ratio Lower Upper
50 100
52 29.1 25.4 38.0





#11

Tert butyl alcohol

Concen: 14.557 ug/l

RT: 5.320 min Scan# 11

Delta R.T. -0.057 min

Lab File: VN070554.D

Acq: 10 Jan 2022 19:51

Instrument :

MSVOA_N

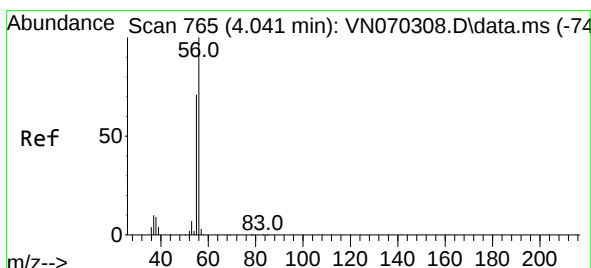
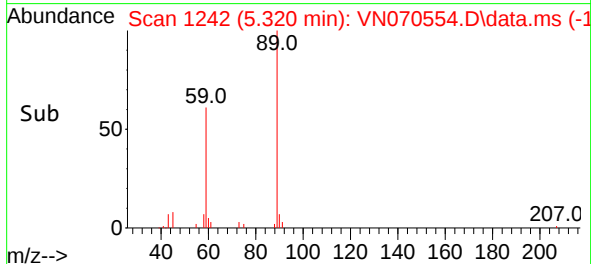
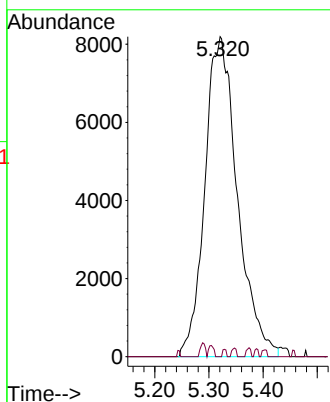
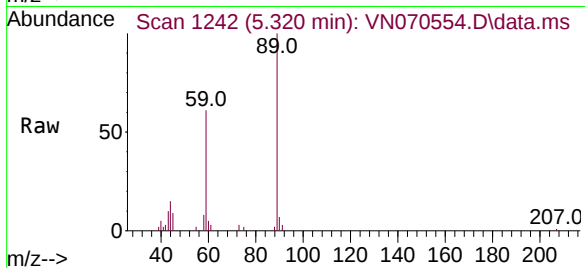
ClientSampleId :

Tgt Ion: 59 Resp: 34114

Ion Ratio Lower Upper

59 100

57 0.3 8.7 13.1#



#13

Acrolein

Concen: 4.574 ug/l

RT: 4.044 min Scan# 766

Delta R.T. 0.003 min

Lab File: VN070554.D

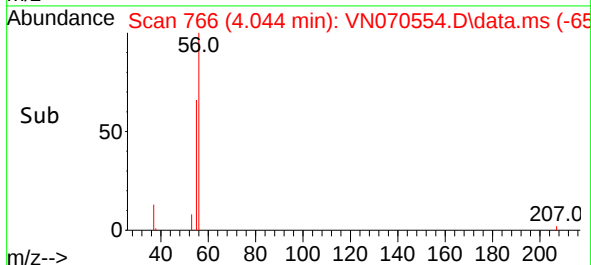
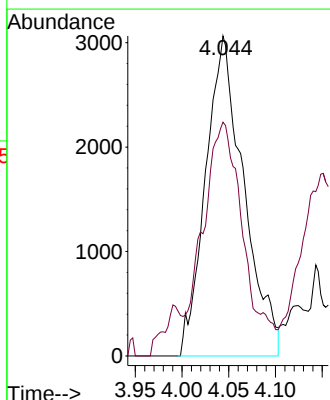
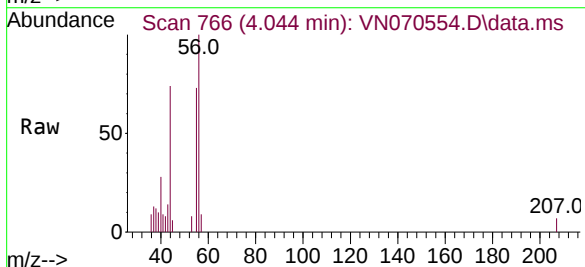
Acq: 10 Jan 2022 19:51

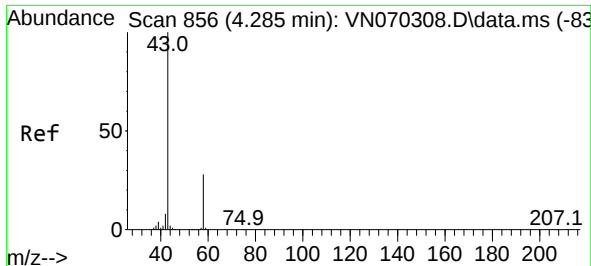
Tgt Ion: 56 Resp: 8698

Ion Ratio Lower Upper

56 100

55 73.4 56.6 85.0

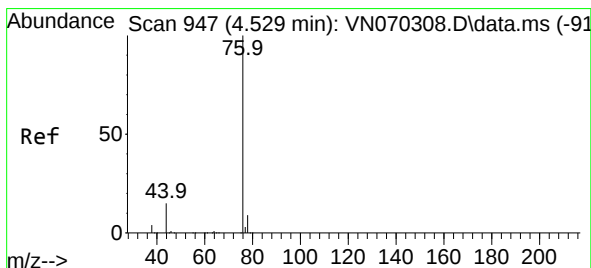
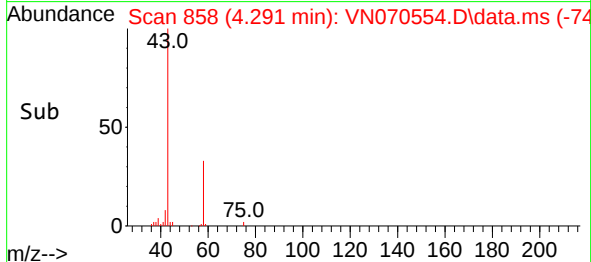
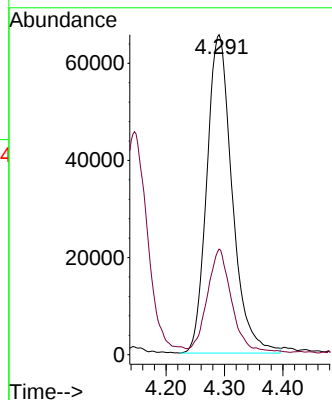
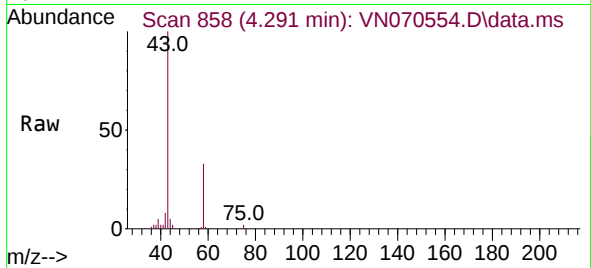




#16
Acetone
Concen: 21.679 ug/l
RT: 4.291 min Scan# 856
Delta R.T. 0.006 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

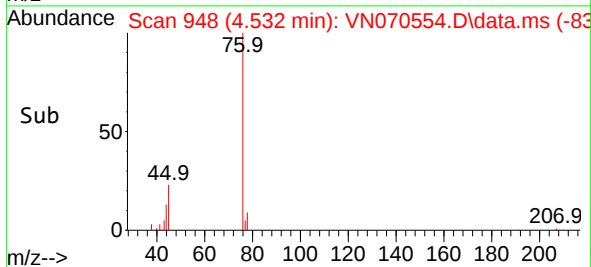
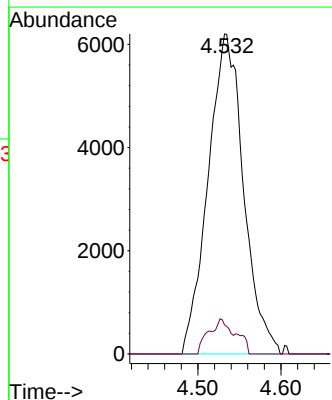
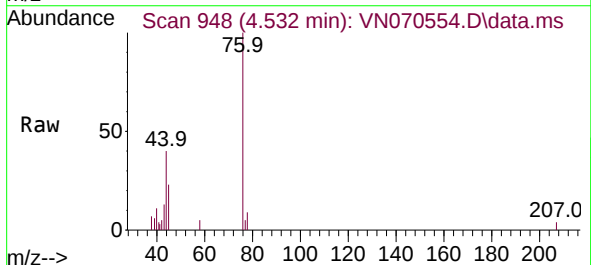
Instrument :
MSVOA_N
ClientSampleId :

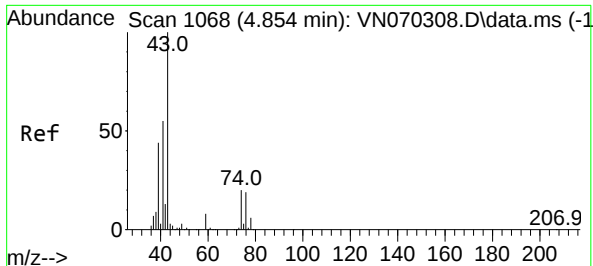
Tgt Ion: 43 Resp: 198071
Ion Ratio Lower Upper
43 100
58 32.0 23.1 34.7



#17
Carbon Disulfide
Concen: 0.675 ug/l
RT: 4.532 min Scan# 948
Delta R.T. 0.003 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

Tgt Ion: 76 Resp: 18357
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3





#18

Methyl Acetate

Concen: 0.952 ug/l

RT: 4.865 min Scan# 1068

Delta R.T. 0.011 min

Lab File: VN070554.D

Acq: 10 Jan 2022 19:51

Instrument :

MSVOA_N

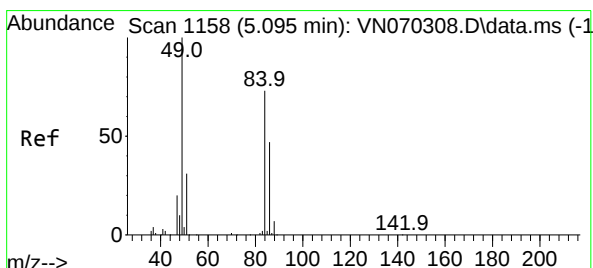
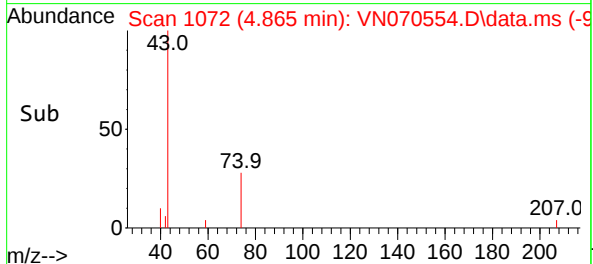
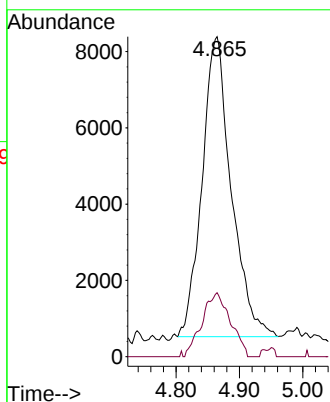
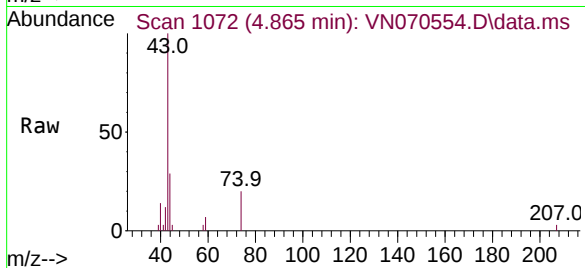
ClientSampleId :

Tgt Ion: 43 Resp: 25168

Ion Ratio Lower Upper

43 100

74 20.7 19.4 29.2



#20

Methylene Chloride

Concen: 0.325 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.000 min

Lab File: VN070554.D

Acq: 10 Jan 2022 19:51

Tgt Ion: 84 Resp: 4103

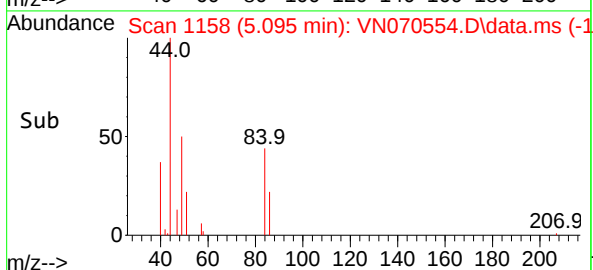
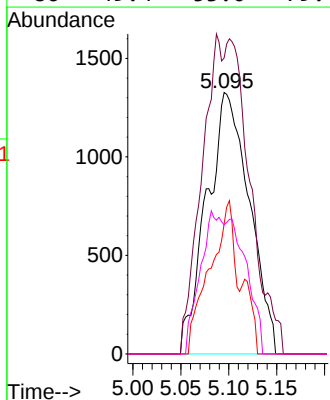
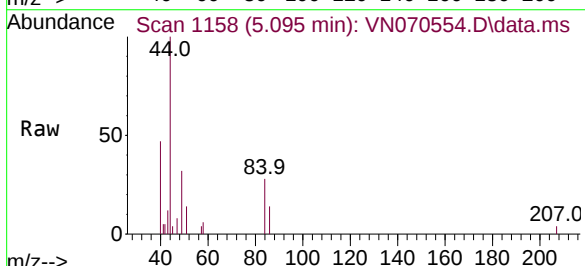
Ion Ratio Lower Upper

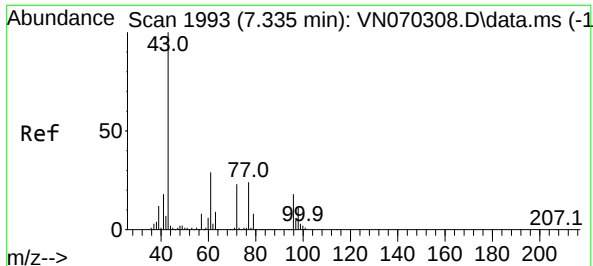
84 100

49 113.2 93.5 140.3

51 49.7 29.4 44.2#

86 49.4 53.0 79.4#





#25

2-Butanone

Concen: 2.555 ug/l

RT: 7.343 min Scan# 1996

Delta R.T. 0.008 min

Lab File: VN070554.D

Acq: 10 Jan 2022 19:51

Instrument :

MSVOA_N

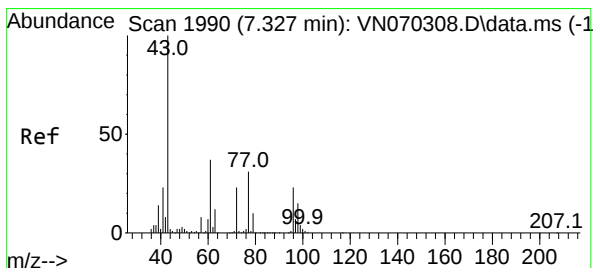
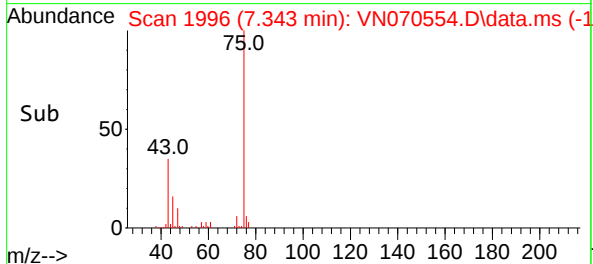
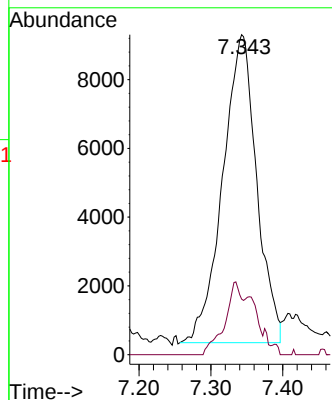
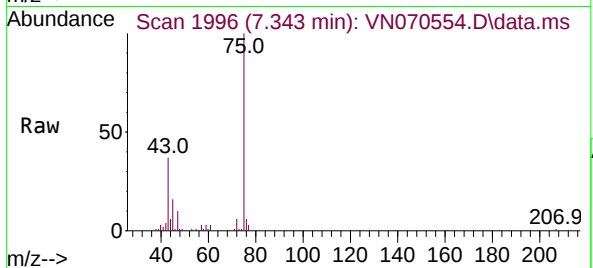
ClientSampleId :

Tgt Ion: 43 Resp: 29397

Ion Ratio Lower Upper

43 100

72 18.0 21.7 32.5#



#26

2,2-Dichloropropane

Concen: 0.229 ug/l

RT: 7.308 min Scan# 1983

Delta R.T. -0.019 min

Lab File: VN070554.D

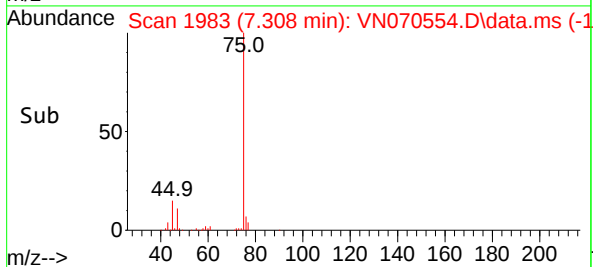
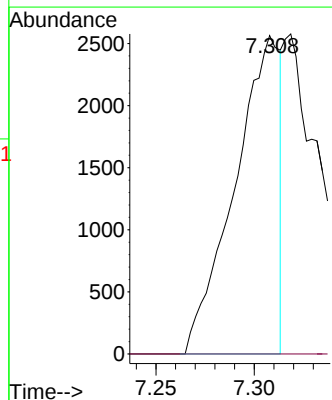
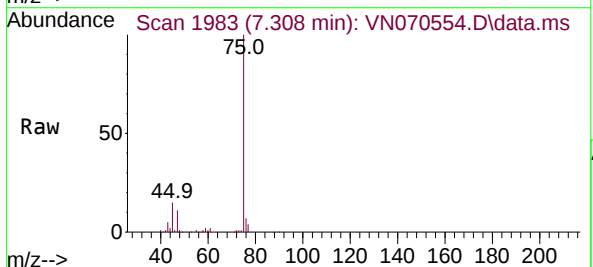
Acq: 10 Jan 2022 19:51

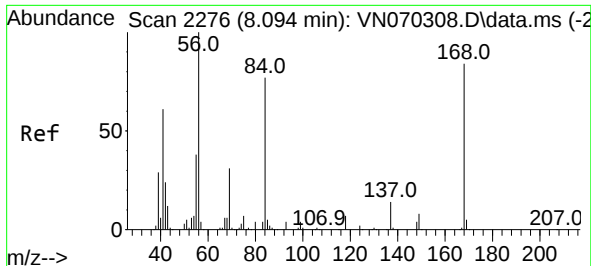
Tgt Ion: 77 Resp: 4125

Ion Ratio Lower Upper

77 100

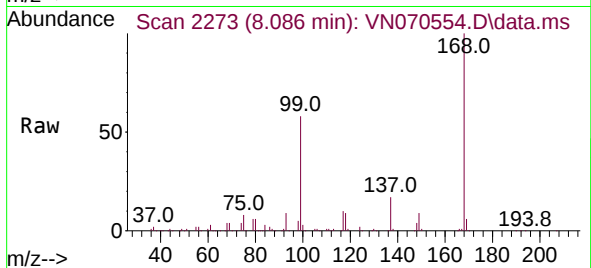
97 0.0 11.6 34.8#



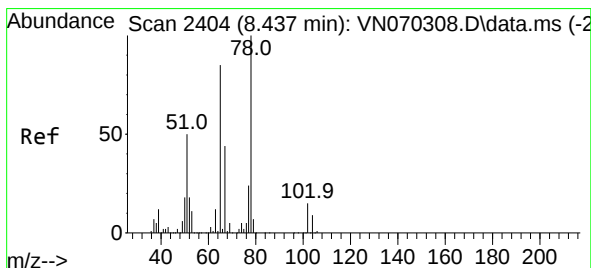
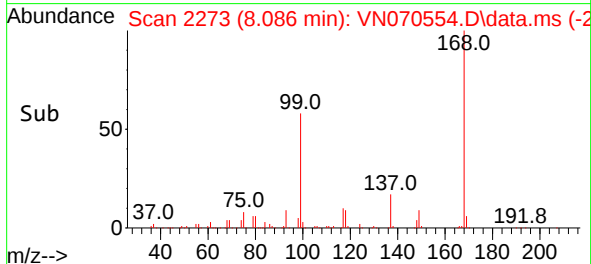
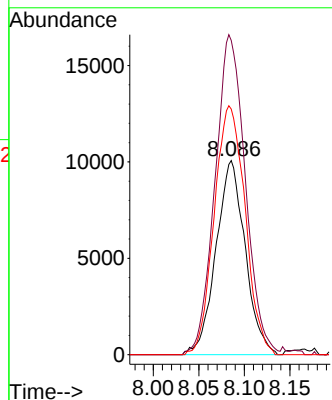


#31
Cyclohexane
Concen: 1.010 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

Instrument :
MSVOA_N
ClientSampleId :

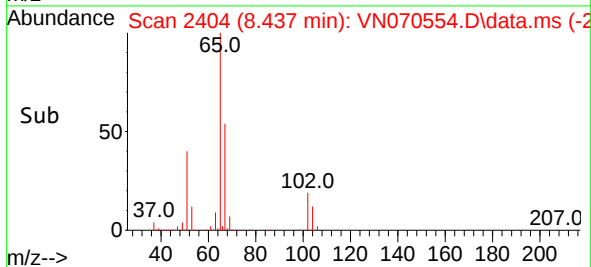
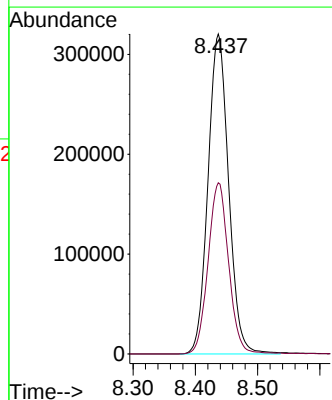
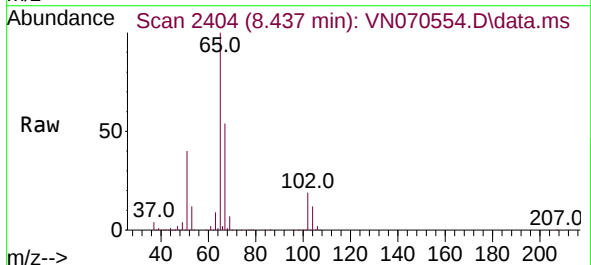


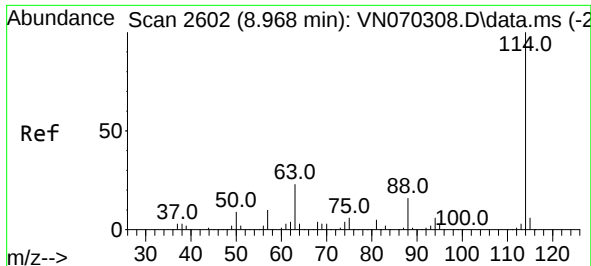
Tgt Ion: 56 Resp: 22431
Ion Ratio Lower Upper
56 100
69 162.0 27.1 40.7#
84 126.6 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 52.292 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

Tgt Ion: 65 Resp: 735987
Ion Ratio Lower Upper
65 100
67 53.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070554.D

Acq: 10 Jan 2022 19:51

Instrument :

MSVOA_N

ClientSampleId :

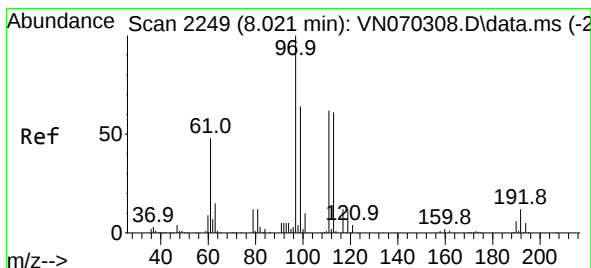
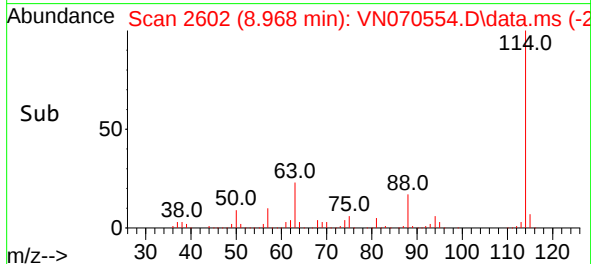
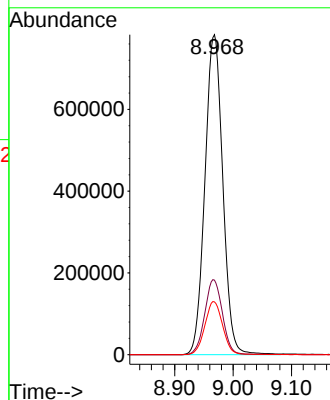
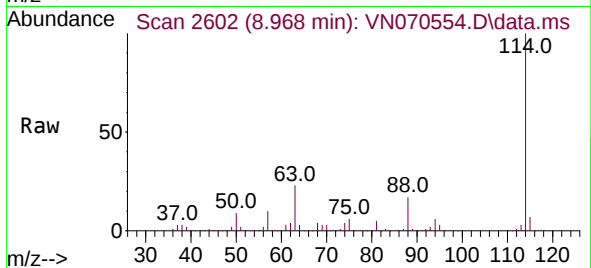
Tgt Ion:114 Resp: 1665735

Ion Ratio Lower Upper

114 100

63 23.3 0.0 37.8

88 16.5 0.0 27.4



#35

Dibromofluoromethane

Concen: 51.706 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VN070554.D

Acq: 10 Jan 2022 19:51

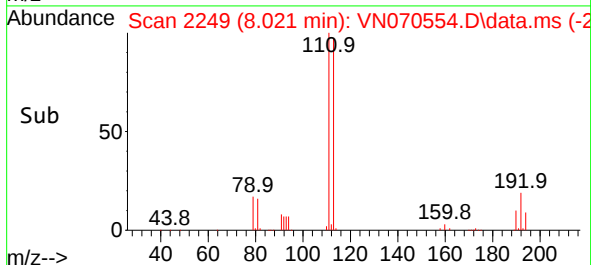
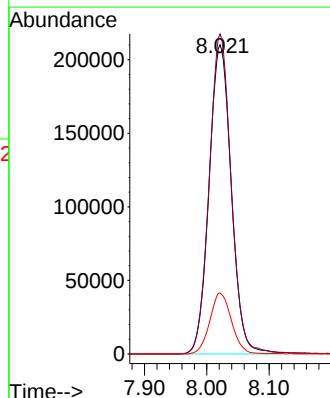
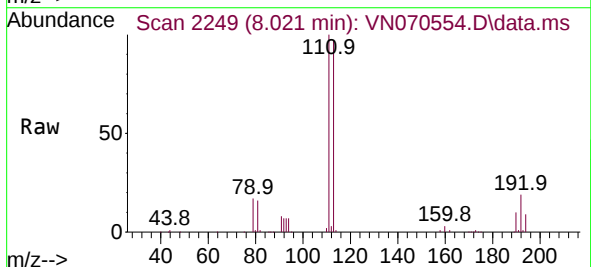
Tgt Ion:113 Resp: 521123

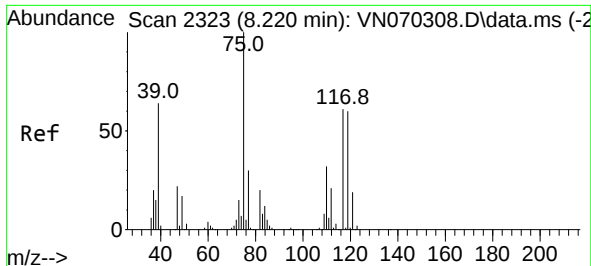
Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.2

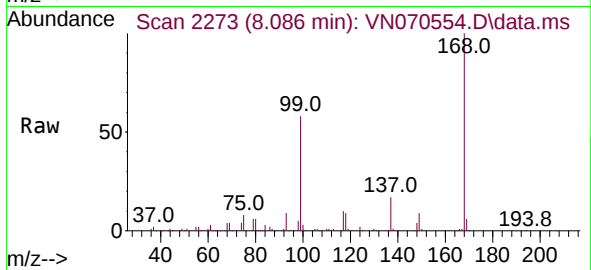
192 19.3 16.9 25.3



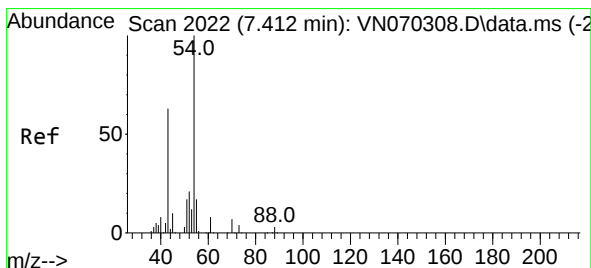
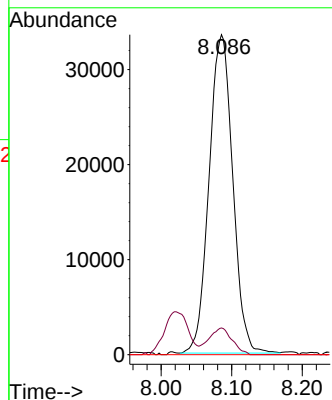
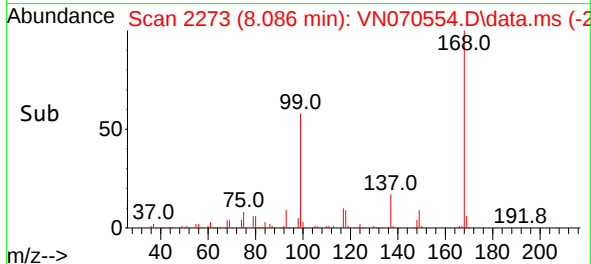


#36
1,1-Dichloropropene
Concen: 4.686 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.134 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

Instrument :
MSVOA_N
ClientSampleId :

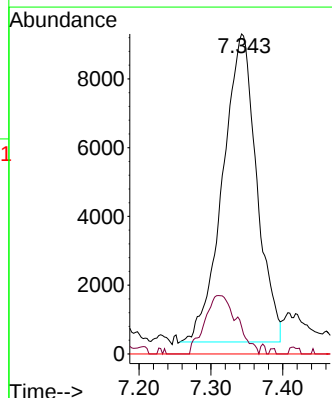
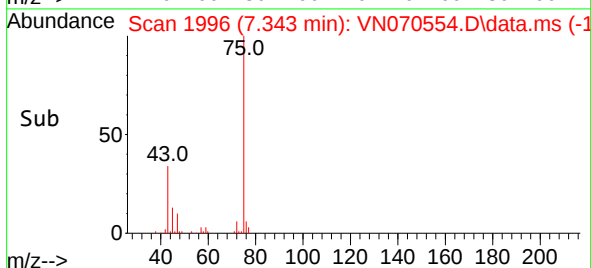
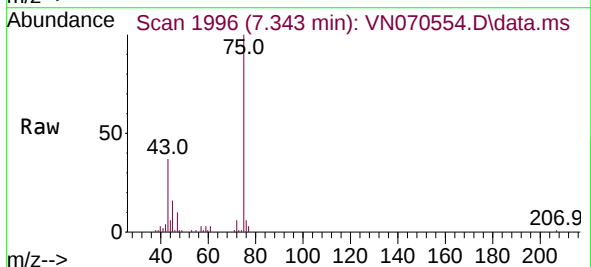


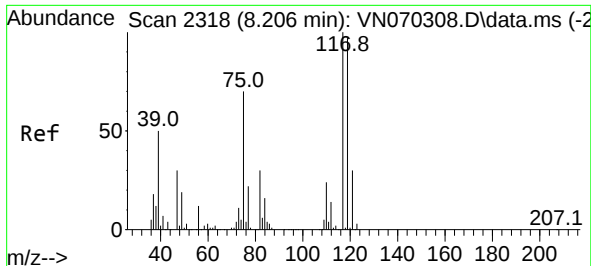
Tgt Ion: 75 Resp: 78120
Ion Ratio Lower Upper
75 100
110 8.1 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.360 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. -0.069 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

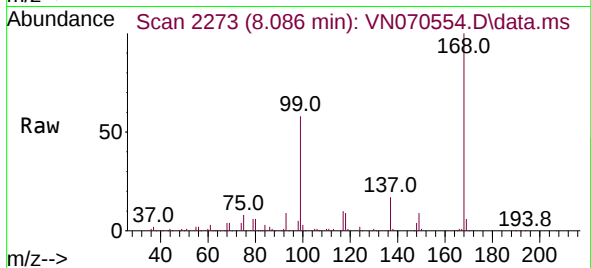
Tgt Ion: 43 Resp: 29397
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



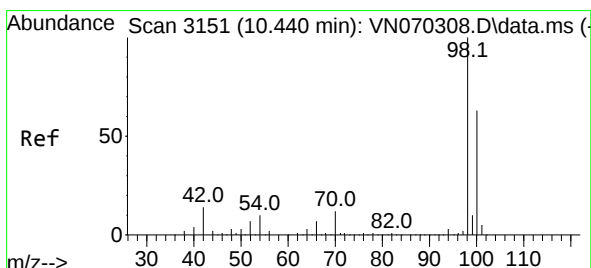
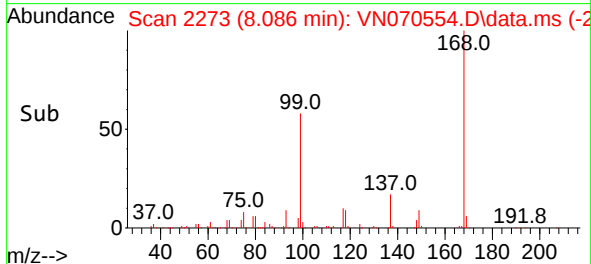
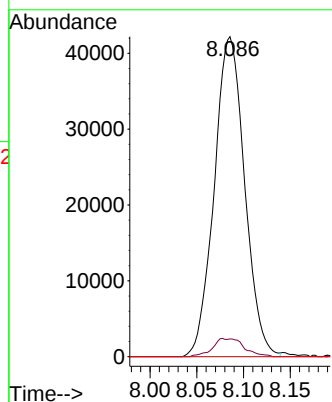


#38
Carbon Tetrachloride
Concen: 6.008 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.120 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

Instrument :
MSVOA_N
ClientSampleId :

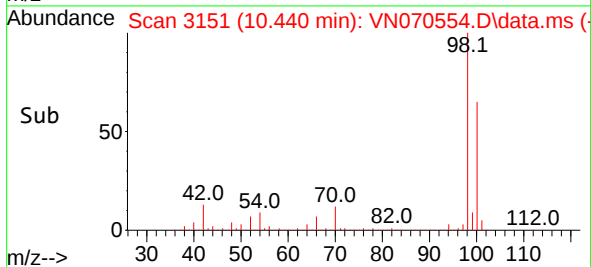
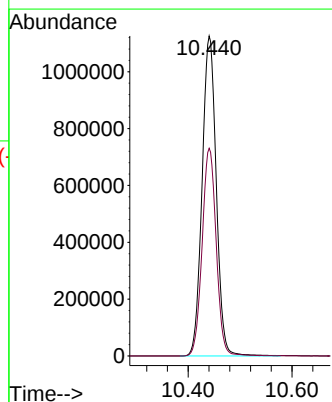
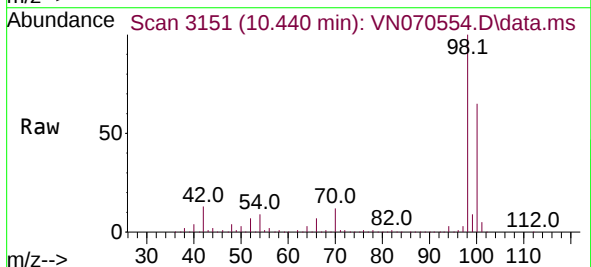


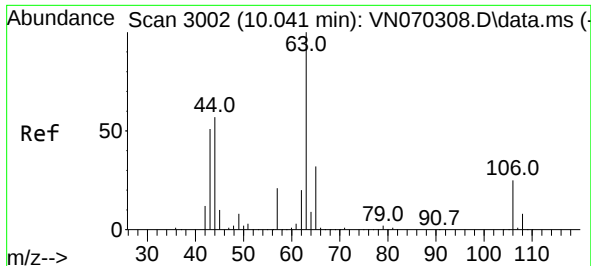
Tgt Ion:117 Resp: 95647
Ion Ratio Lower Upper
117 100
119 5.6 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 51.730 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

Tgt Ion: 98 Resp: 2129820
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6

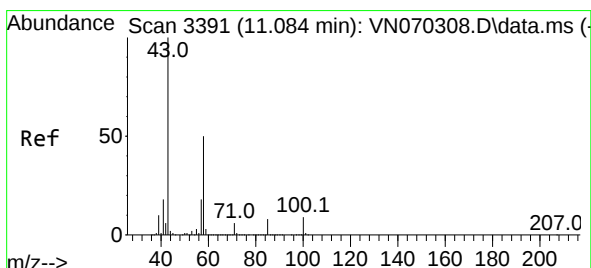
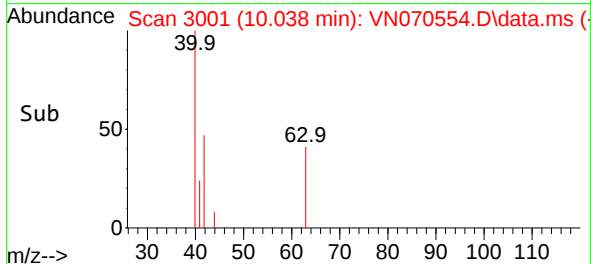
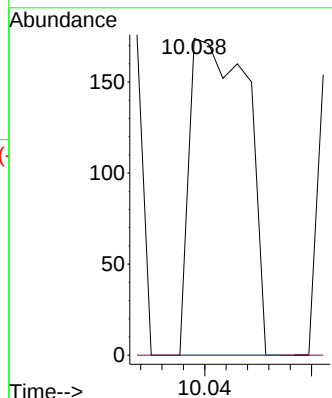
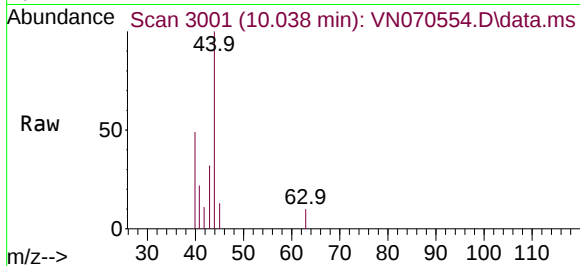




#58
2-Chloroethyl Vinyl ether
Concen: 18.536 ug/l
RT: 10.038 min Scan# 3002
Delta R.T. -0.003 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

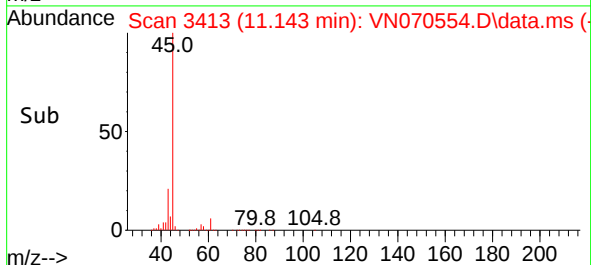
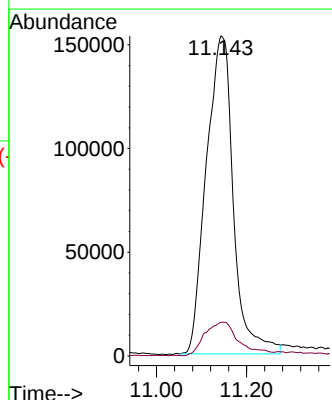
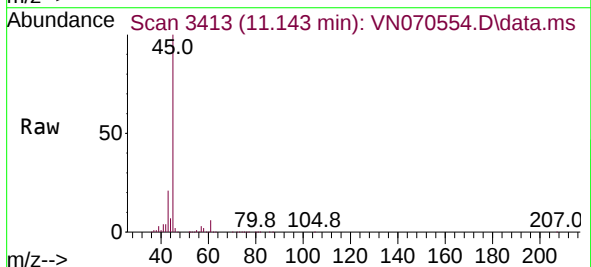
Instrument :
MSVOA_N
ClientSampleId :

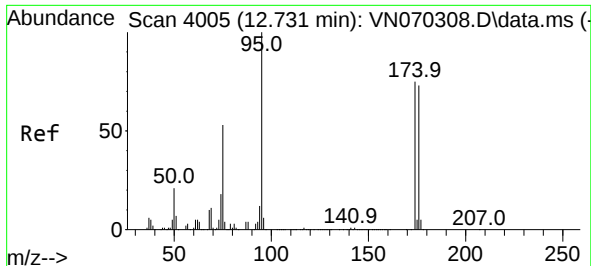
Tgt Ion: 63 Resp: 130
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 41.047 ug/l
RT: 11.143 min Scan# 3413
Delta R.T. 0.059 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

Tgt Ion: 43 Resp: 640867
Ion Ratio Lower Upper
43 100
58 12.8 26.9 80.7#

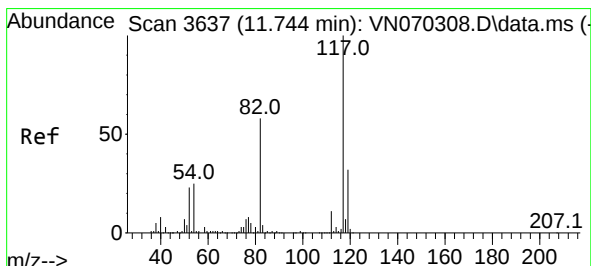
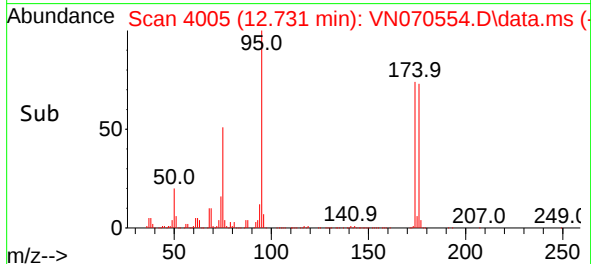
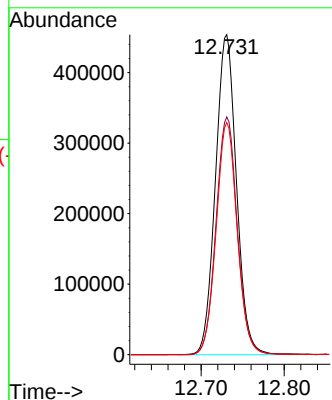
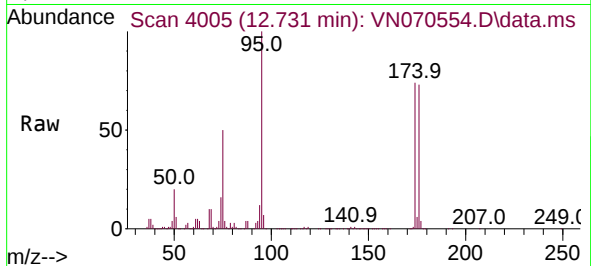




#62
4-Bromofluorobenzene
Concen: 53.697 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

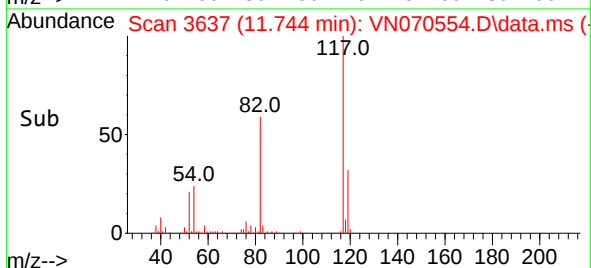
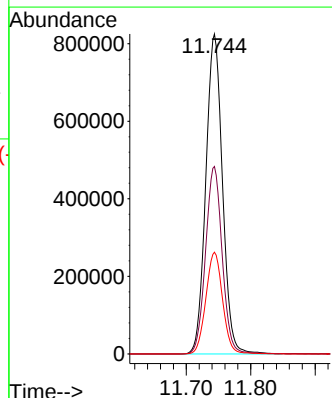
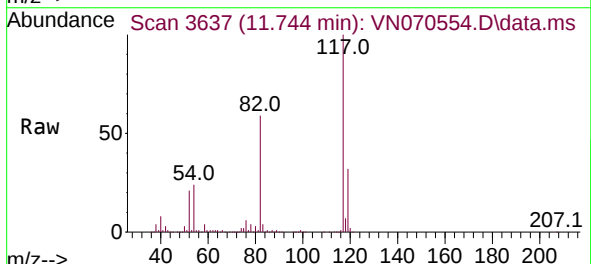
Instrument :
MSVOA_N
ClientSampleId :

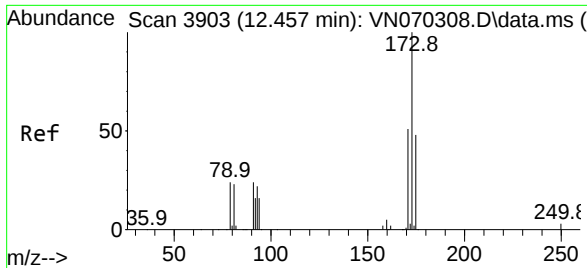
Tgt Ion: 95 Resp: 798491
Ion Ratio Lower Upper
95 100
174 75.3 0.0 187.2
176 72.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

Tgt Ion: 117 Resp: 1483837
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 31.8 25.4 38.2

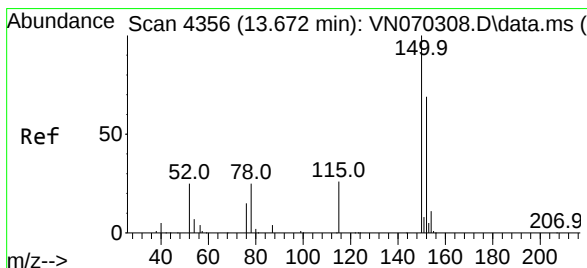
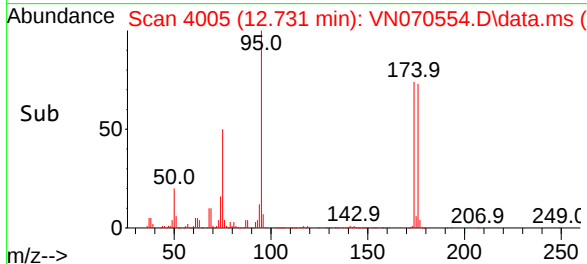
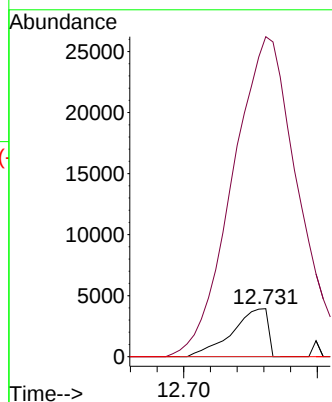
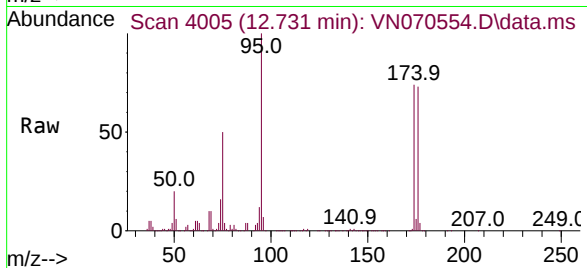




#71
Bromoform
Concen: 0.439 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.274 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

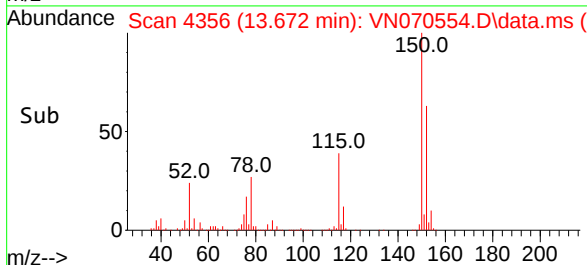
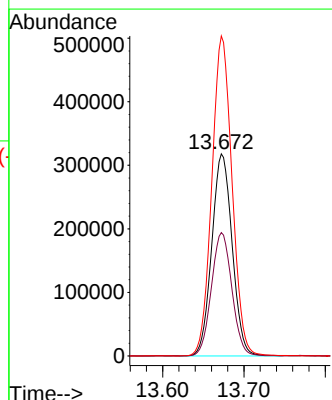
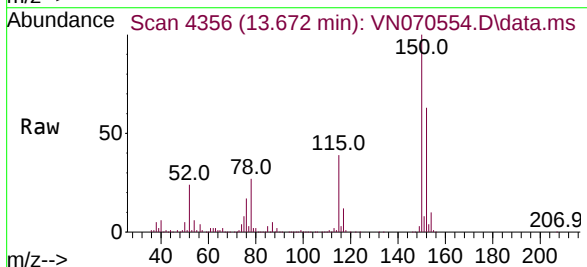
Instrument :
MSVOA_N
ClientSampleId :

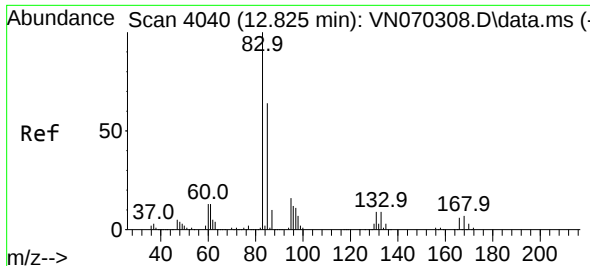
Tgt Ion:173 Resp: 3665
Ion Ratio Lower Upper
173 100
175 1130.1 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

Tgt Ion:152 Resp: 555029
Ion Ratio Lower Upper
152 100
115 61.2 27.5 82.5
150 156.9 0.0 344.4

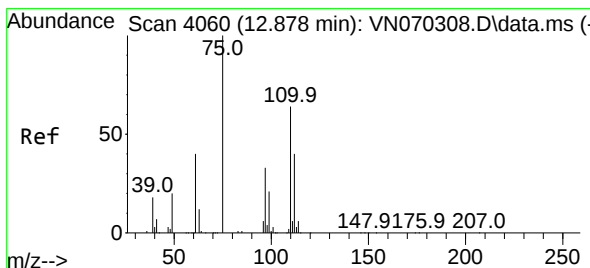
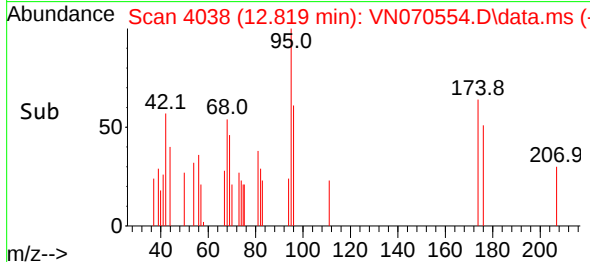
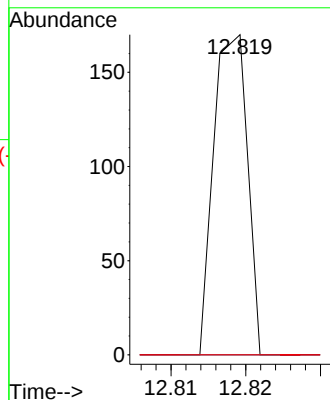
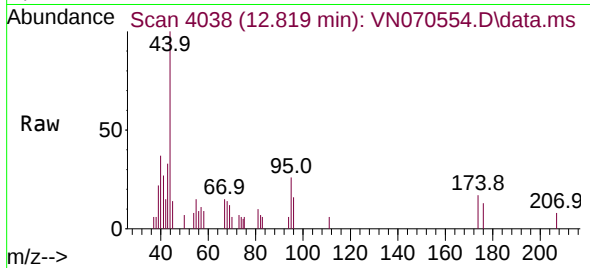




#75
1,1,2,2-Tetrachloroethane
Concen: 0.450 ug/l
RT: 12.819 min Scan# 4040
Delta R.T. -0.006 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

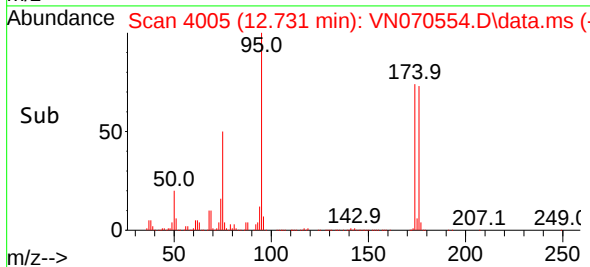
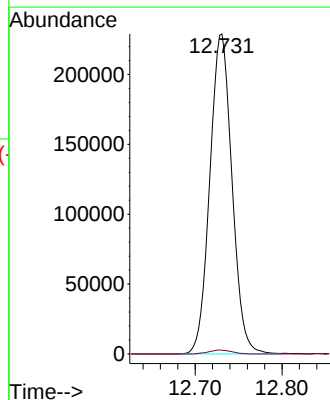
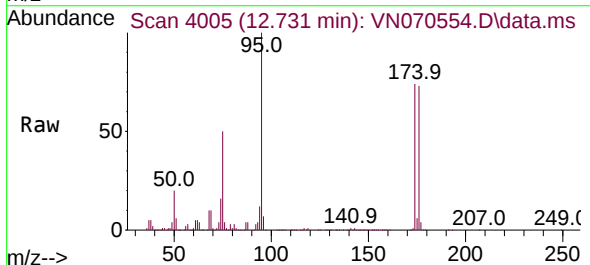
Instrument :
MSVOA_N
ClientSampleId :

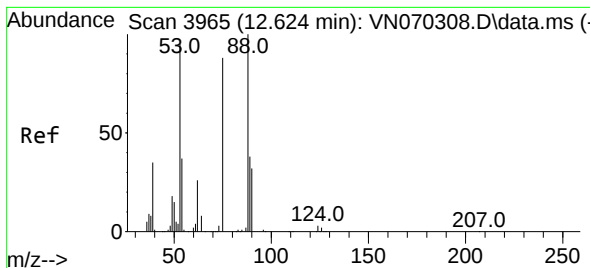
Tgt Ion: 83 Resp: 53
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 0.0 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 26.077 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070554.D
Acq: 10 Jan 2022 19:51

Tgt Ion: 75 Resp: 405744
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#

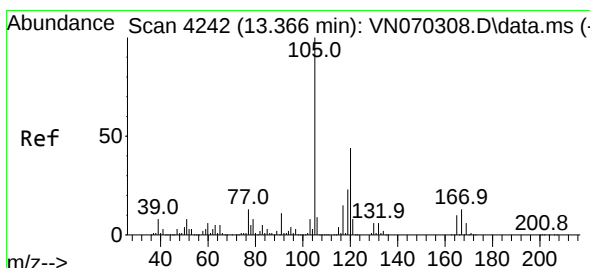
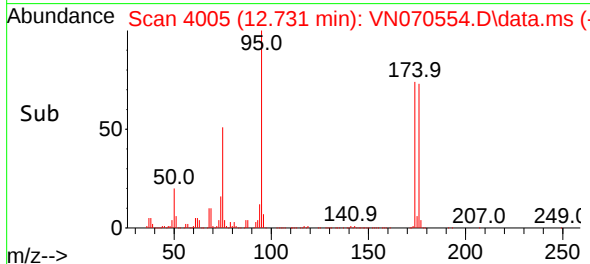
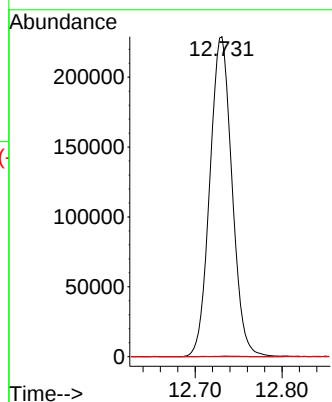
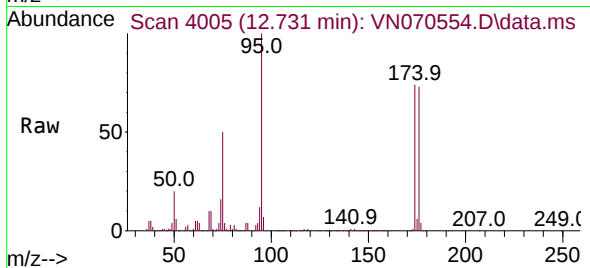




#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.315 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. 0.107 min
 Lab File: VN070554.D
 Acq: 10 Jan 2022 19:51

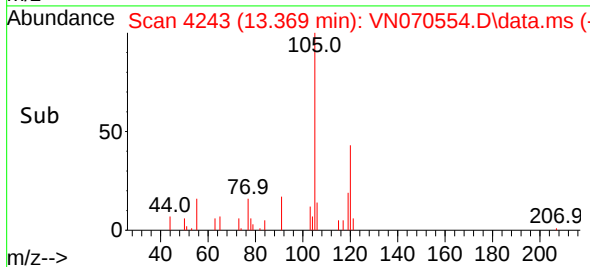
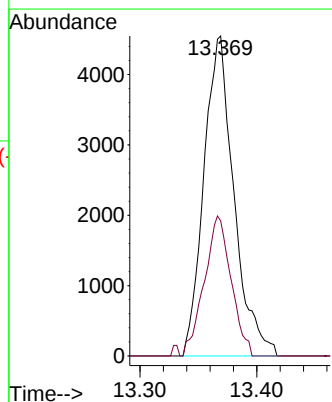
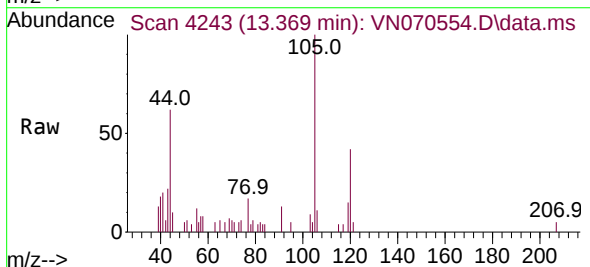
Instrument :
 MSVOA_N
 ClientSampleId :

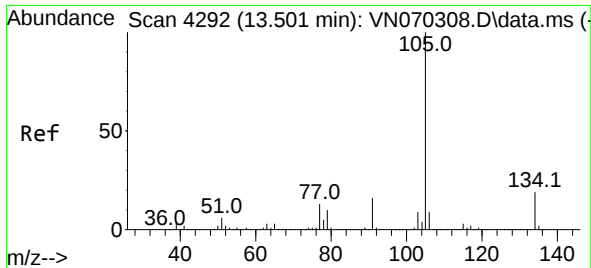
Tgt Ion: 75 Resp: 405744
 Ion Ratio Lower Upper
 75 100
 53 0.2 90.5 135.7#
 89 0.0 38.2 57.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.204 ug/l
 RT: 13.369 min Scan# 4243
 Delta R.T. 0.003 min
 Lab File: VN070554.D
 Acq: 10 Jan 2022 19:51

Tgt Ion: 105 Resp: 8132
 Ion Ratio Lower Upper
 105 100
 120 39.1 22.8 68.4

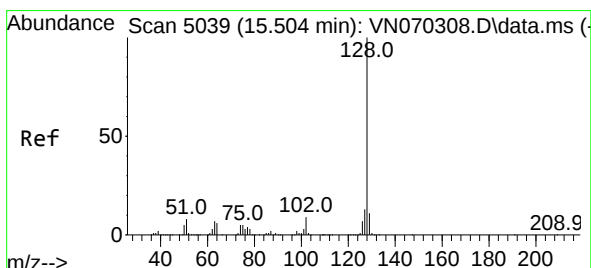
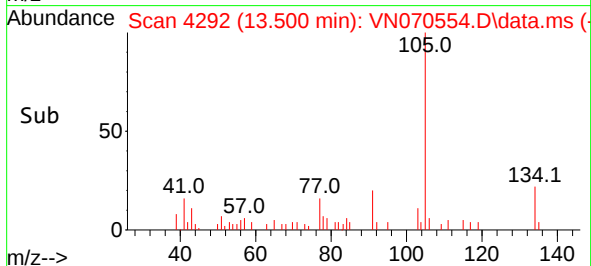
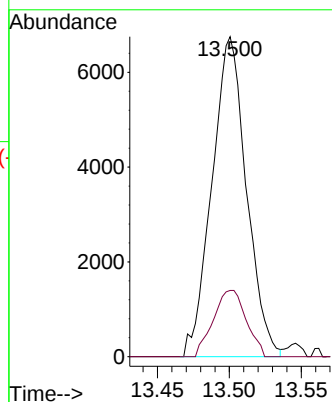
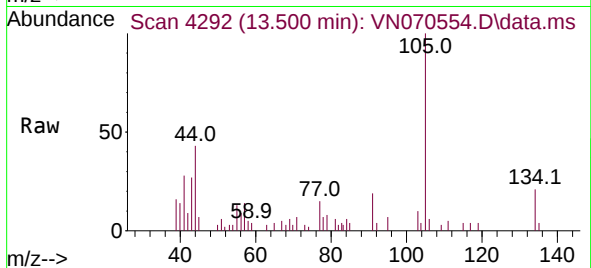




#85
 sec-Butylbenzene
 Concen: 0.228 ug/l
 RT: 13.500 min Scan# 41
 Delta R.T. -0.001 min
 Lab File: VN070554.D
 Acq: 10 Jan 2022 19:51

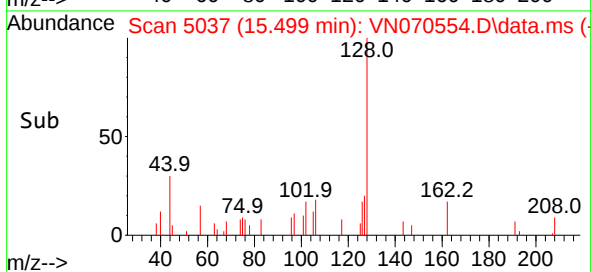
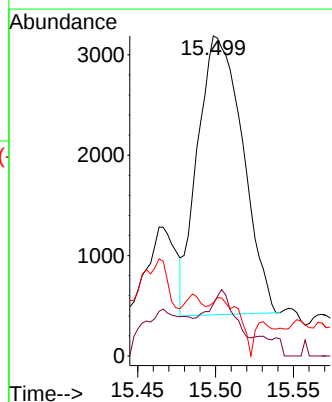
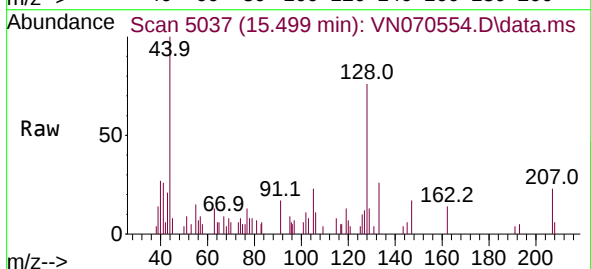
Instrument :
 MSVOA_N
 ClientSampleId :

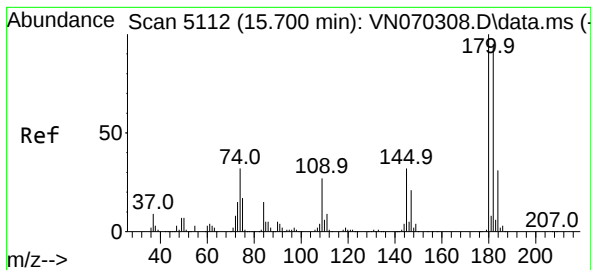
Tgt Ion:105 Resp: 11266
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.1



#95
 Naphthalene
 Concen: 2.009 ug/l
 RT: 15.499 min Scan# 5037
 Delta R.T. -0.005 min
 Lab File: VN070554.D
 Acq: 10 Jan 2022 19:51

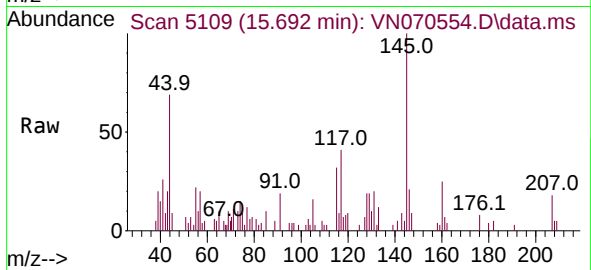
Tgt Ion:128 Resp: 5575
 Ion Ratio Lower Upper
 128 100
 127 7.8 10.5 15.7#
 129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.857 ug/l
 RT: 15.692 min Scan# 51
 Delta R.T. -0.008 min
 Lab File: VN070554.D
 Acq: 10 Jan 2022 19:51

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 275
 Ion Ratio Lower Upper
 180 100
 182 127.6 47.4 142.2
 145 0.0 15.0 45.1#

