

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010522\
 Data File : VN070493.D
 Acq On : 5 Jan 2022 16:47
 Operator : JC/MD
 Sample : N1012-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 06 12:35:31 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)

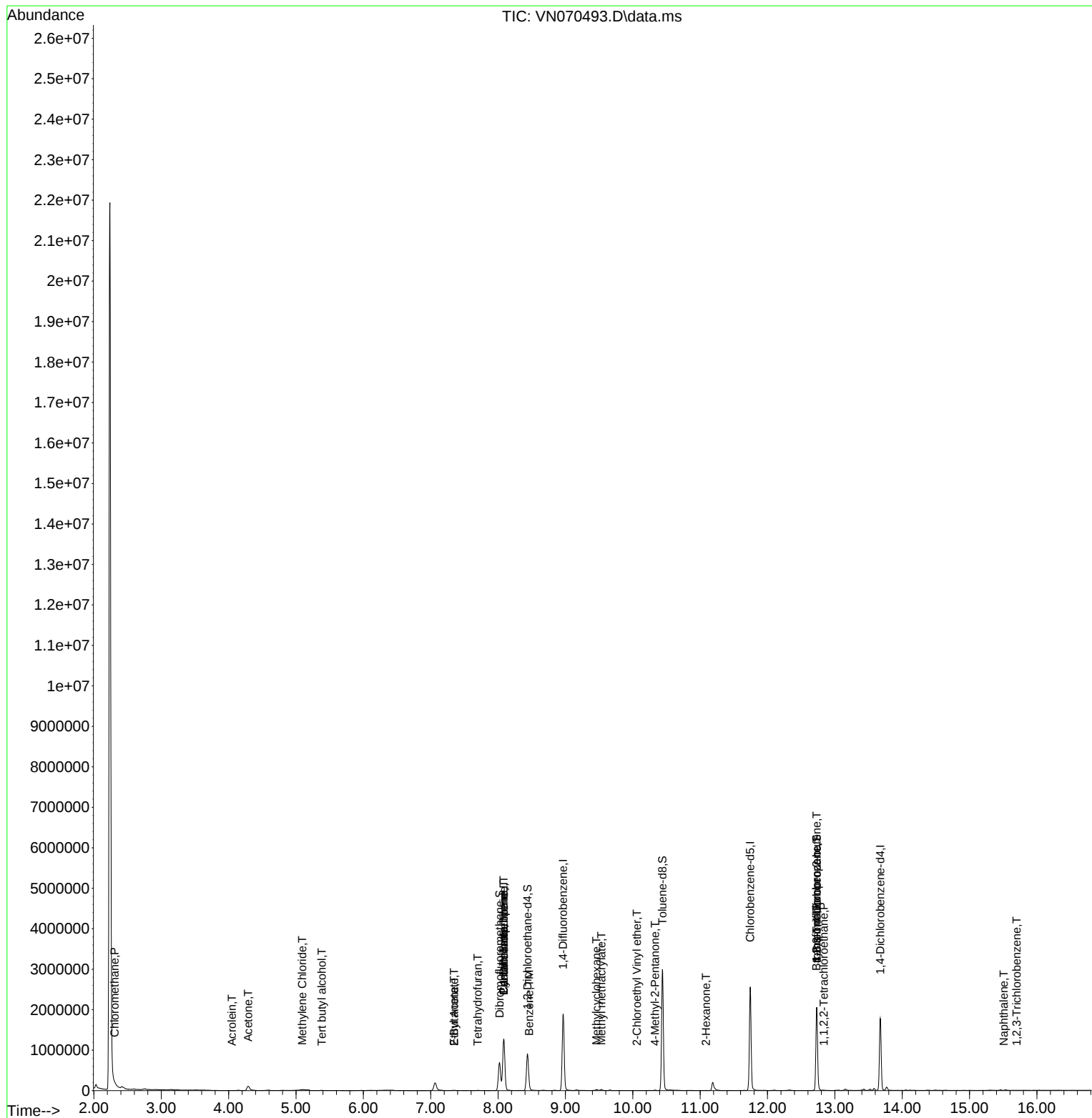
Internal Standards						
1) Pentafluorobenzene	8.086	168	982439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1650295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1470639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	501138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	740493	52.422	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.840%	
35) Dibromofluoromethane	8.021	113	516396	51.717	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.440%	
50) Toluene-d8	10.441	98	2085850	51.136	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.280%	
62) 4-Bromofluorobenzene	12.731	95	744066	50.505	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.000%	
Target Compounds						Qvalue
3) Chloromethane	2.306	50	3992	0.263	ug/l #	80
11) Tert butyl alcohol	5.382	59	6425	2.732	ug/l #	80
13) Acrolein	4.047	56	764	0.400	ug/l #	45
16) Acetone	4.291	43	202809	22.117	ug/l	99
20) Methylene Chloride	5.093	84	5591	0.441	ug/l #	92
25) 2-Butanone	7.346	43	8138	0.705	ug/l	90
29) Tetrahydrofuran	7.697	42	5279	0.766	ug/l #	45
31) Cyclohexane	8.083	56	30191	1.354	ug/l #	26
36) 1,1-Dichloropropene	8.083	75	78457	4.750	ug/l #	43
37) Ethyl Acetate	7.346	43	8138	0.380	ug/l #	68
38) Carbon Tetrachloride	8.083	117	93905	5.954	ug/l #	17
39) Methylcyclohexane	9.462	83	6982	0.349	ug/l #	84
40) Benzene	8.461	78	11167	0.221	ug/l	96
48) Methyl methacrylate	9.534	41	7871	0.489	ug/l #	41
51) 4-Methyl-2-Pentanone	10.328	43	10603	0.500	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.062	63	376	18.581	ug/l #	45
59) 2-Hexanone	11.087	43	4120	0.266	ug/l #	45
71) Bromoform	12.726	173	5388	0.652	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.836	83	270	0.463	ug/l #	25
76) 1,2,3-Trichloropropane	12.731	75	382003	27.074	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	382003	93.132	ug/l #	5
95) Naphthalene	15.507	128	3111	1.928	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.700	180	438	0.881	ug/l #	82

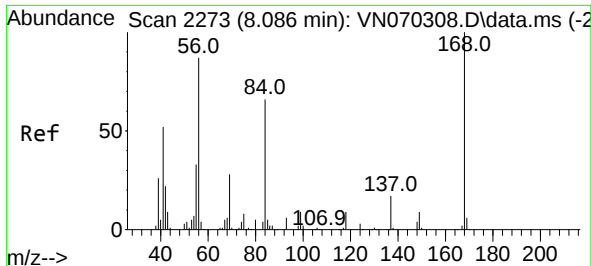
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

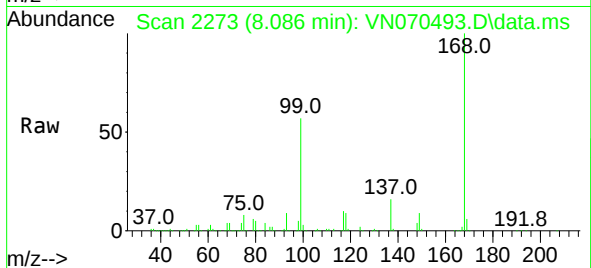
Quant Time: Jan 06 12:35:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration



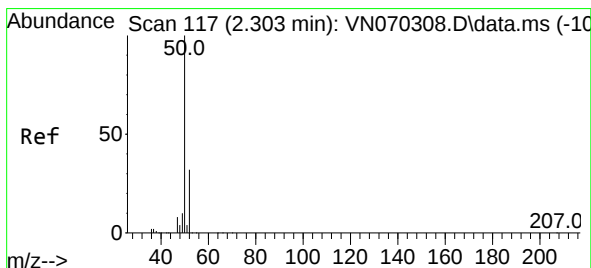
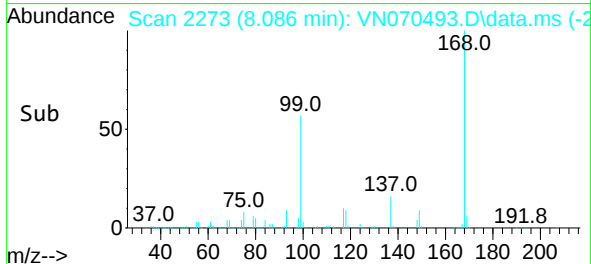
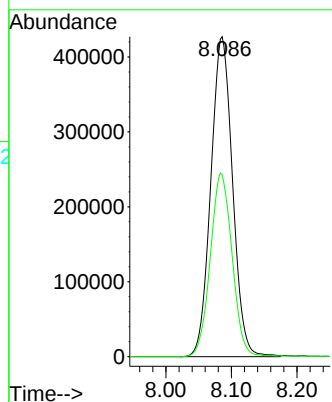


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070493.D
Acq: 5 Jan 2022 16:47

Instrument :
MSVOA_N
ClientSampleId :

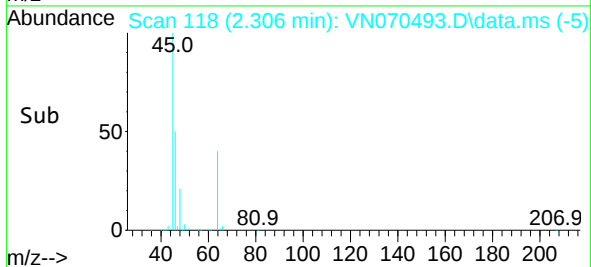
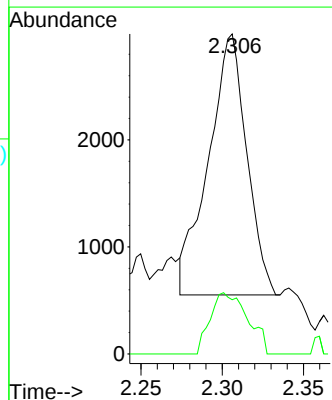
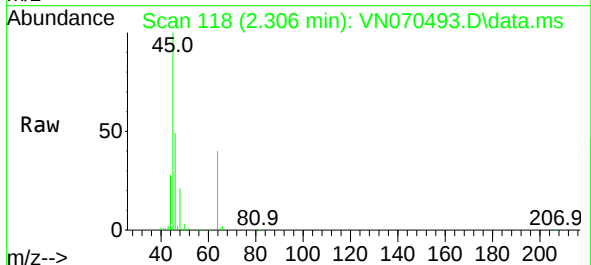


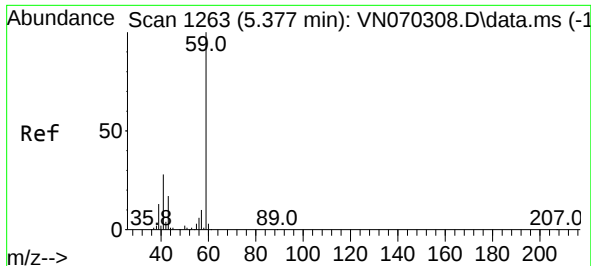
Tgt Ion:168 Resp: 982439
Ion Ratio Lower Upper
168 100
99 56.8 41.3 61.9



#3
Chloromethane
Concen: 0.263 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070493.D
Acq: 5 Jan 2022 16:47

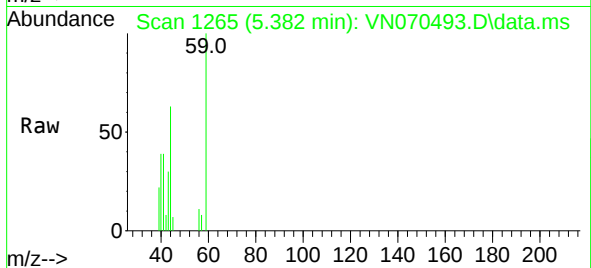
Tgt Ion: 50 Resp: 3992
Ion Ratio Lower Upper
50 100
52 20.8 25.4 38.0#



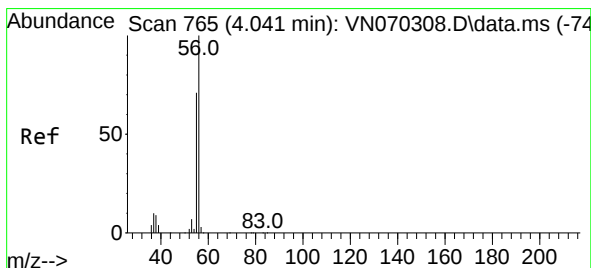
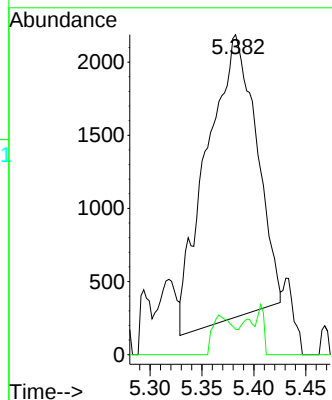


#11
Tert butyl alcohol
Concen: 2.732 ug/l
RT: 5.382 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN070493.D
Acq: 5 Jan 2022 16:47

Instrument :
MSVOA_N
ClientSampleId :

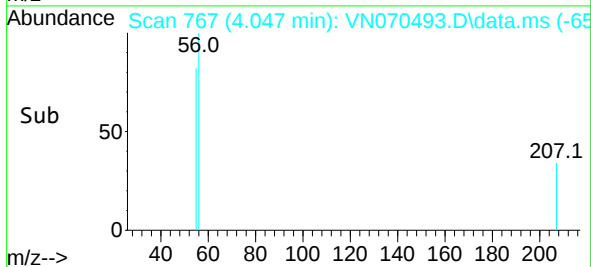
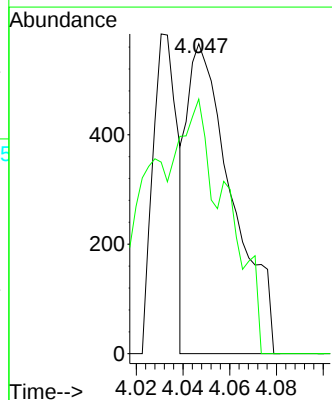
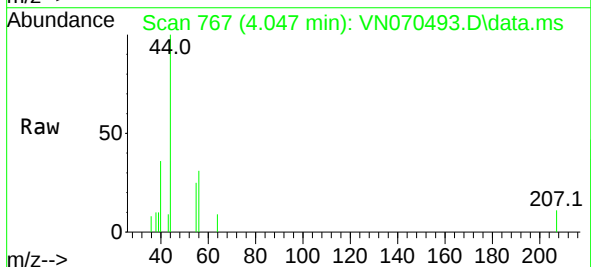


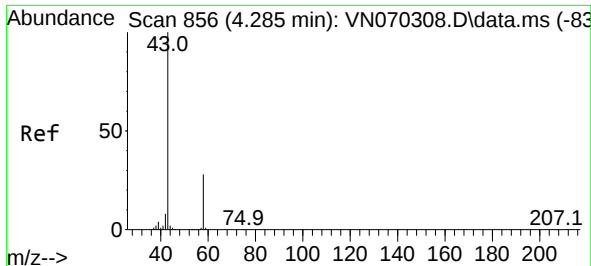
Tgt Ion: 59 Resp: 6425
Ion Ratio Lower Upper
59 100
57 3.3 8.7 13.1#



#13
Acrolein
Concen: 0.400 ug/l
RT: 4.047 min Scan# 767
Delta R.T. 0.006 min
Lab File: VN070493.D
Acq: 5 Jan 2022 16:47

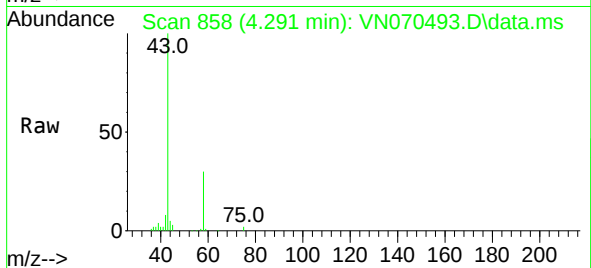
Tgt Ion: 56 Resp: 764
Ion Ratio Lower Upper
56 100
55 25.0 56.6 85.0#



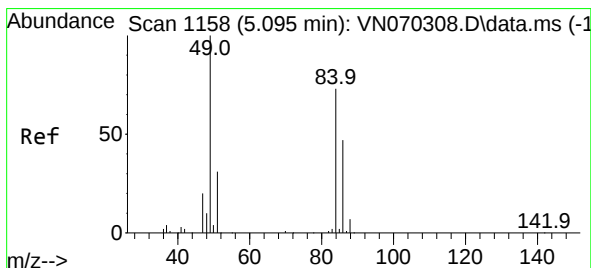
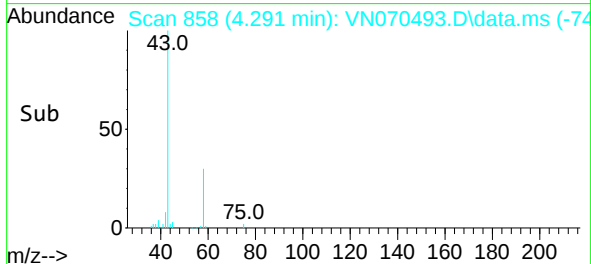
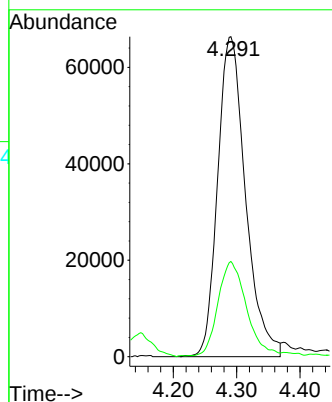


#16
Acetone
Concen: 22.117 ug/l
RT: 4.291 min Scan# 856
Delta R.T. 0.006 min
Lab File: VN070493.D
Acq: 5 Jan 2022 16:47

Instrument :
MSVOA_N
ClientSampleId :

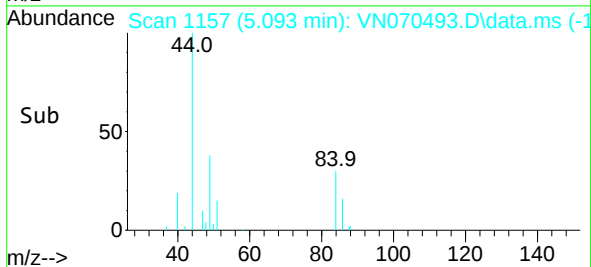
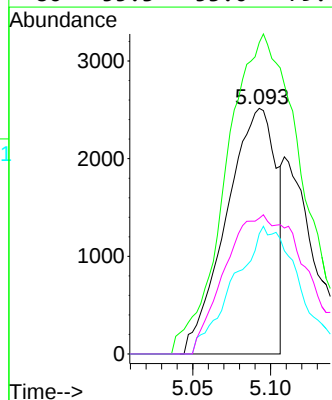
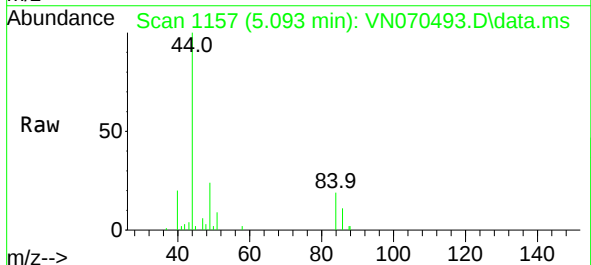


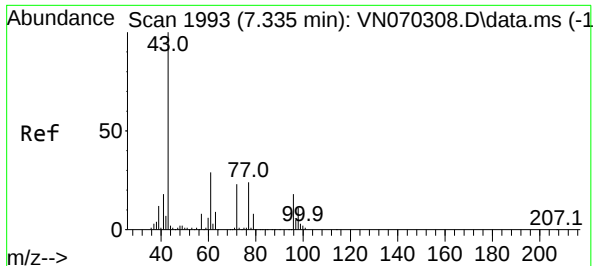
Tgt Ion: 43 Resp: 202809
Ion Ratio Lower Upper
43 100
58 29.5 23.1 34.7



#20
Methylene Chloride
Concen: 0.441 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN070493.D
Acq: 5 Jan 2022 16:47

Tgt Ion: 84 Resp: 5591
Ion Ratio Lower Upper
84 100
49 118.2 93.5 140.3
51 48.9 29.4 44.2#
86 55.3 53.0 79.4





#25

2-Butanone

Concen: 0.705 ug/l

RT: 7.346 min Scan# 1993

Delta R.T. 0.011 min

Lab File: VN070493.D

Acq: 5 Jan 2022 16:47

Instrument :

MSVOA_N

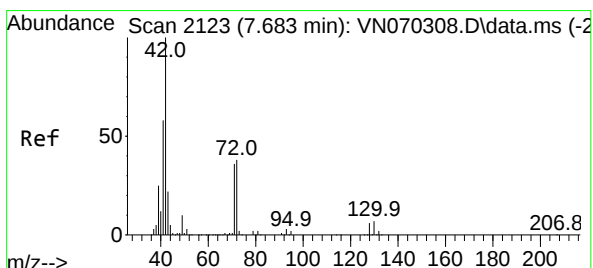
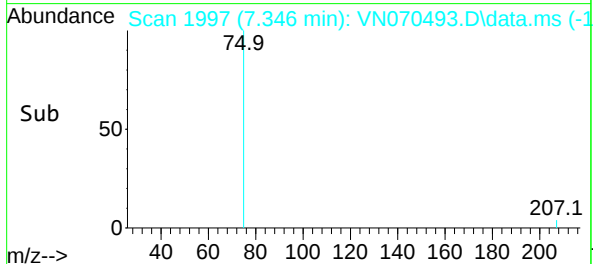
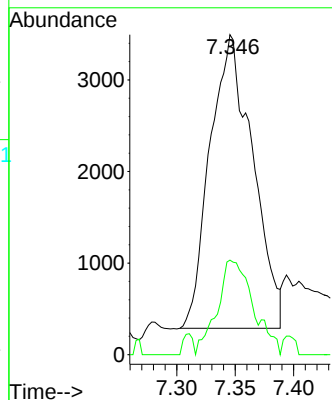
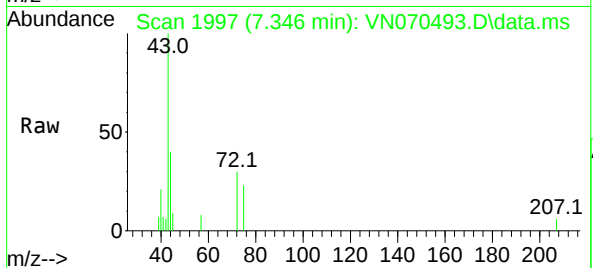
ClientSampleId :

Tgt Ion: 43 Resp: 8138

Ion Ratio Lower Upper

43 100

72 32.2 21.7 32.5



#29

Tetrahydrofuran

Concen: 0.766 ug/l

RT: 7.697 min Scan# 2128

Delta R.T. 0.014 min

Lab File: VN070493.D

Acq: 5 Jan 2022 16:47

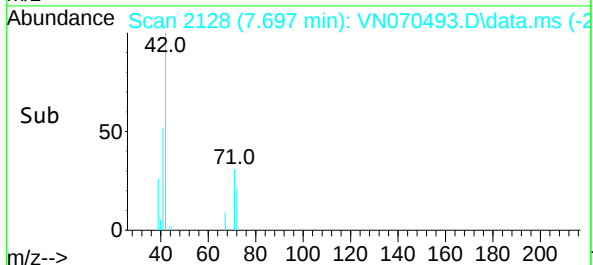
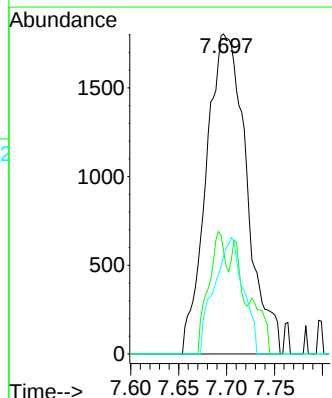
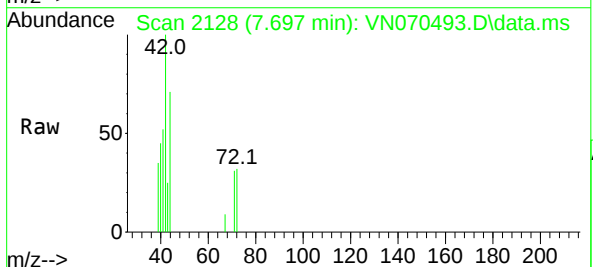
Tgt Ion: 42 Resp: 5279

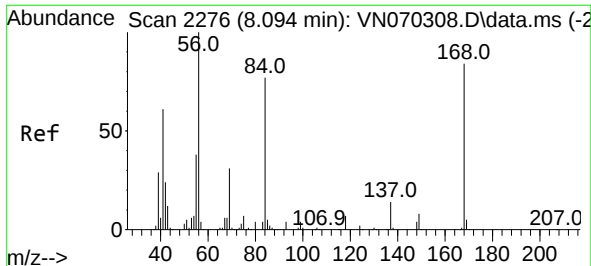
Ion Ratio Lower Upper

42 100

72 17.3 36.3 54.5#

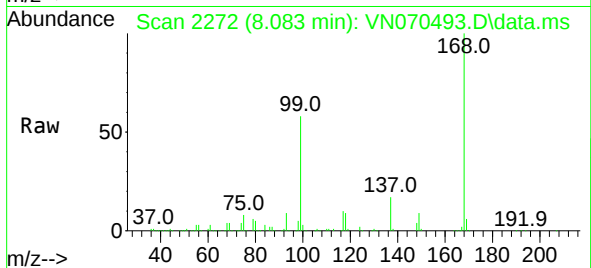
71 0.0 34.7 52.1#



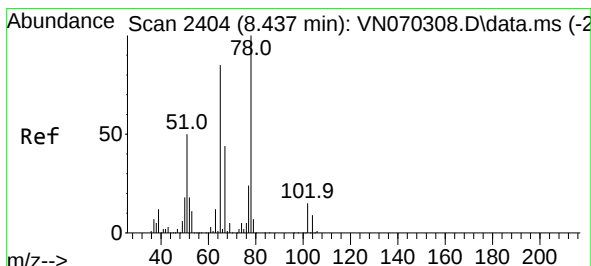
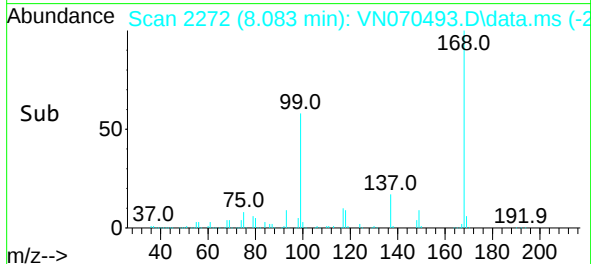
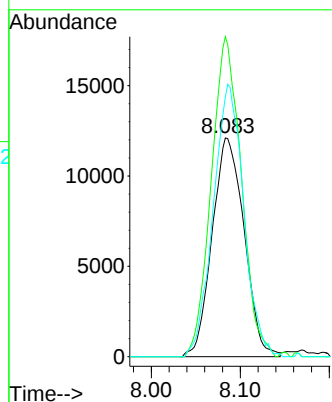


#31
Cyclohexane
Concen: 1.354 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN070493.D
Acq: 5 Jan 2022 16:47

Instrument :
MSVOA_N
ClientSampleId :

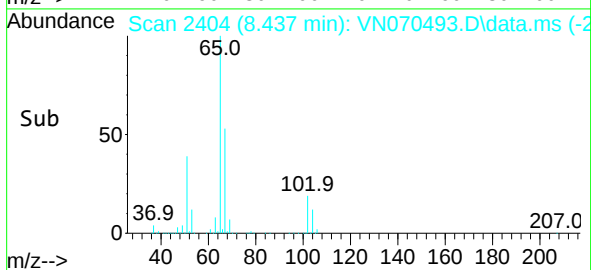
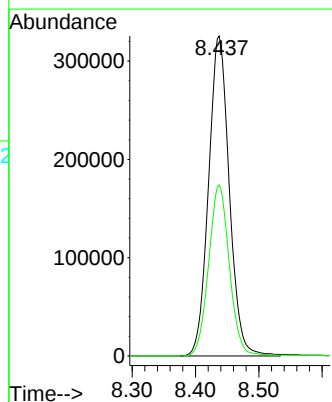
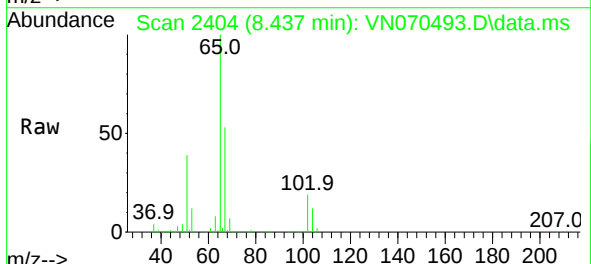


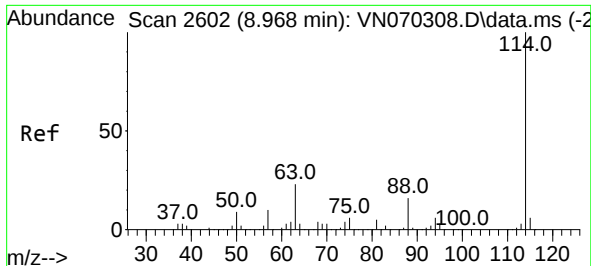
Tgt Ion: 56 Resp: 30191
Ion Ratio Lower Upper
56 100
69 146.3 27.1 40.7#
84 118.7 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 52.422 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070493.D
Acq: 5 Jan 2022 16:47

Tgt Ion: 65 Resp: 740493
Ion Ratio Lower Upper
65 100
67 53.6 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2

Delta R.T. -0.003 min

Lab File: VN070493.D

Acq: 5 Jan 2022 16:47

Instrument :

MSVOA_N

ClientSampleId :

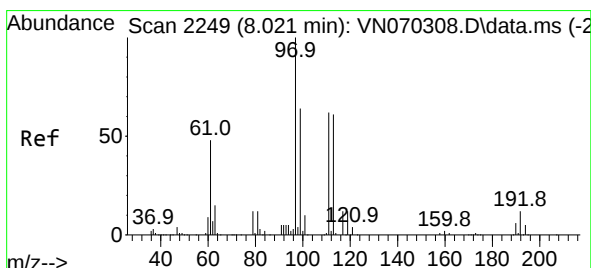
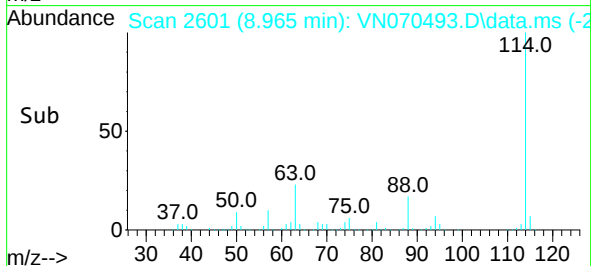
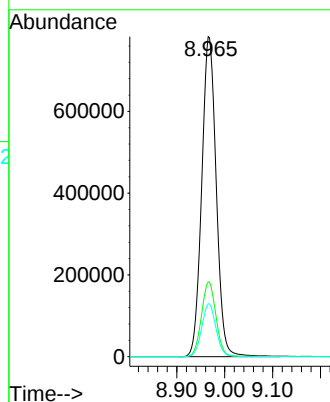
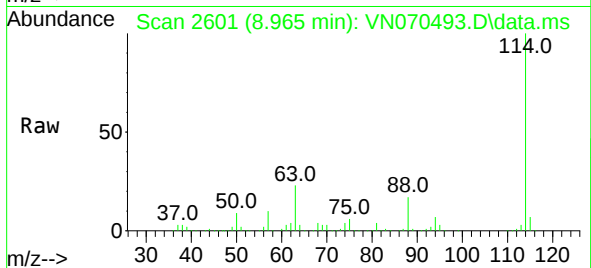
Tgt Ion:114 Resp: 1650295

Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

88 16.5 0.0 27.4



#35

Dibromofluoromethane

Concen: 51.717 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VN070493.D

Acq: 5 Jan 2022 16:47

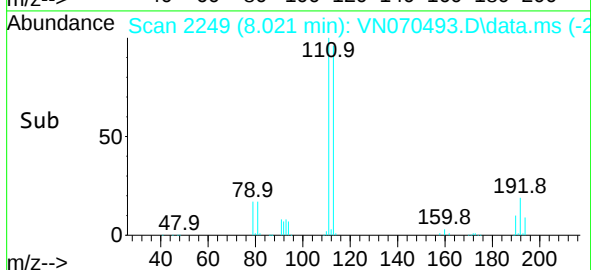
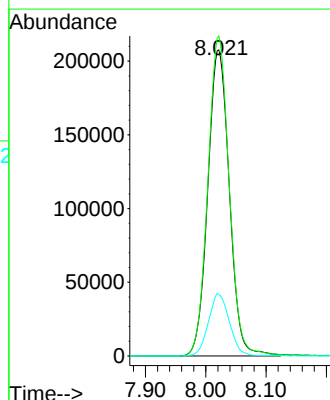
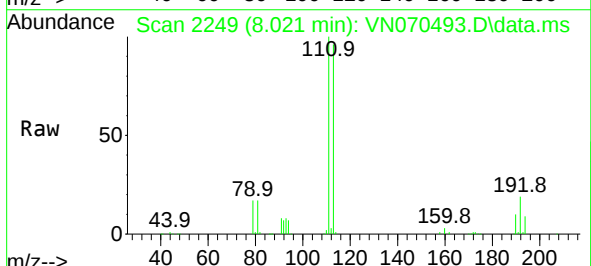
Tgt Ion:113 Resp: 516396

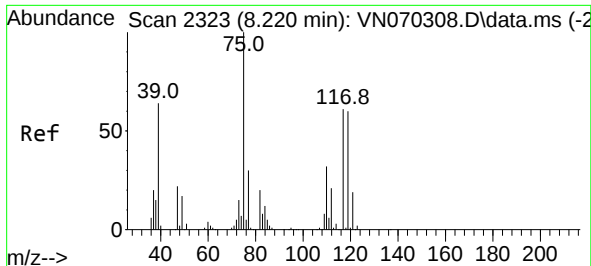
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.2

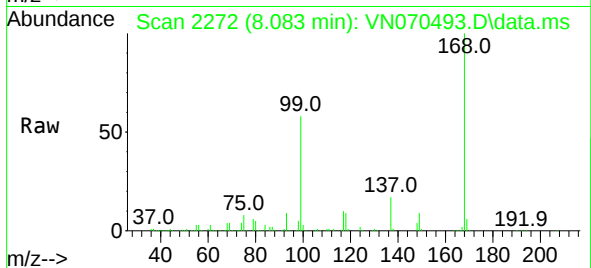
192 19.8 16.9 25.3



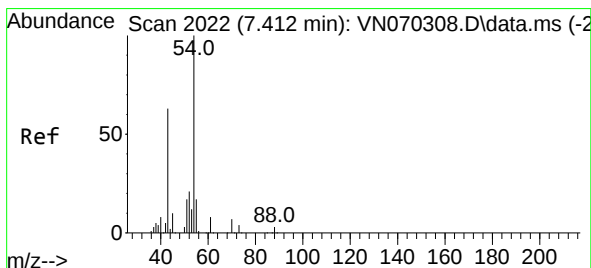
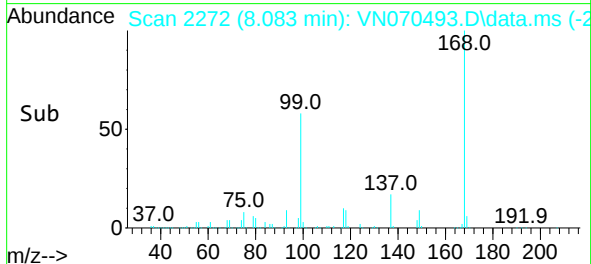
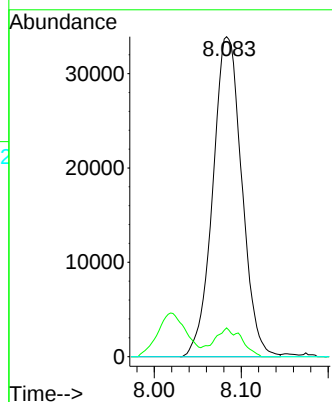


#36
1,1-Dichloropropene
Concen: 4.750 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.137 min
Lab File: VN070493.D
Acq: 5 Jan 2022 16:47

Instrument :
MSVOA_N
ClientSampleId :

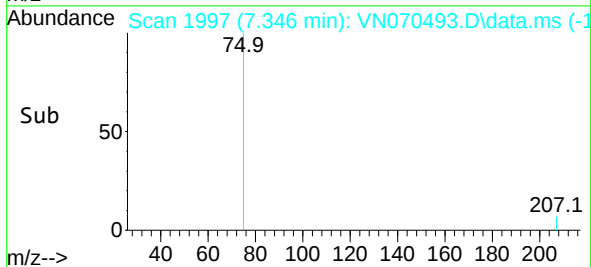
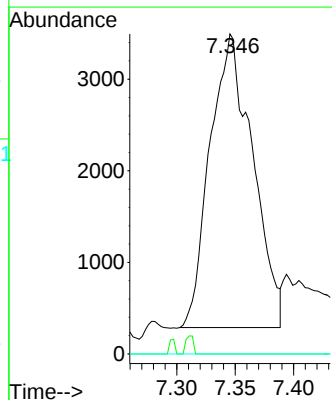
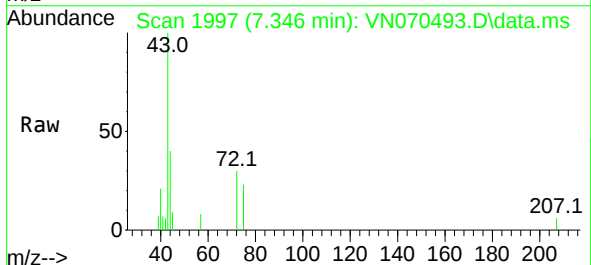


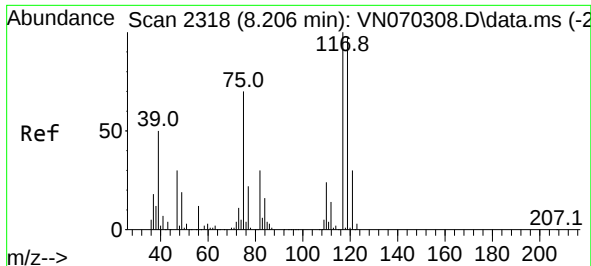
Tgt Ion: 75 Resp: 78457
Ion Ratio Lower Upper
75 100
110 2.6 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 0.380 ug/l
RT: 7.346 min Scan# 1997
Delta R.T. -0.066 min
Lab File: VN070493.D
Acq: 5 Jan 2022 16:47

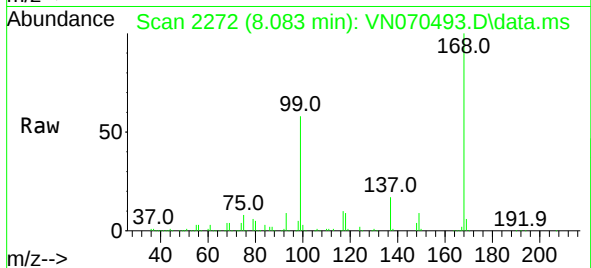
Tgt Ion: 43 Resp: 8138
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



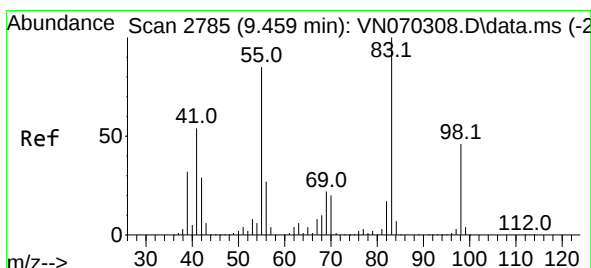
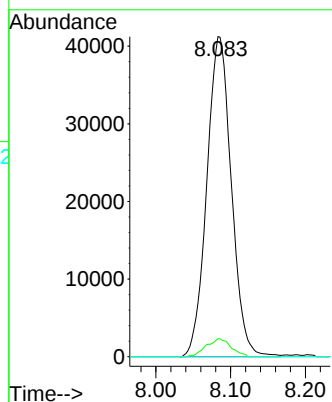
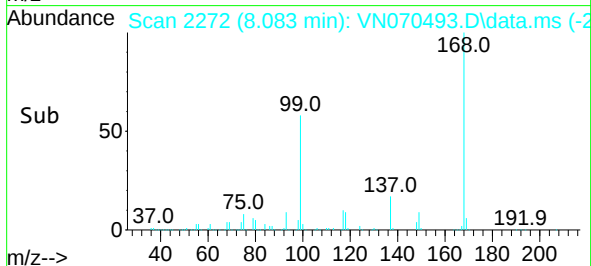


#38
Carbon Tetrachloride
Concen: 5.954 ug/l
RT: 8.083 min Scan# 211
Delta R.T. -0.123 min
Lab File: VN070493.D
Acq: 5 Jan 2022 16:47

Instrument :
MSVOA_N
ClientSampleId :

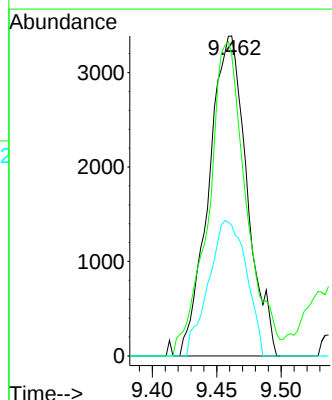
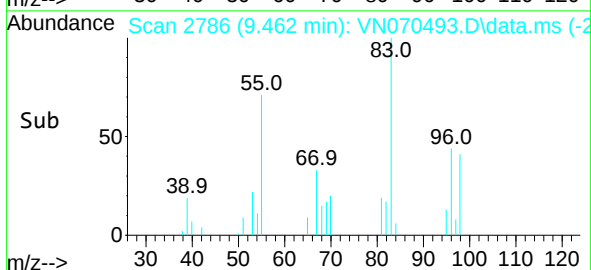
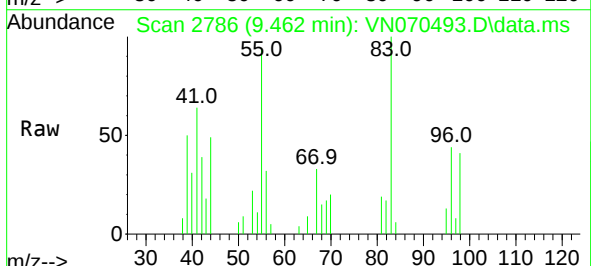


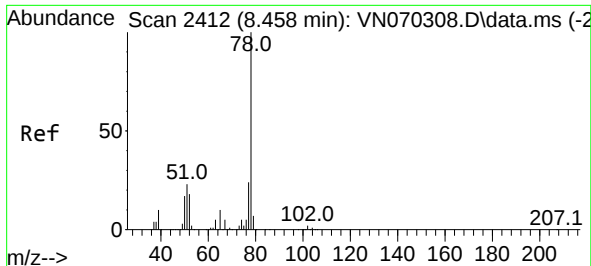
Tgt Ion:117 Resp: 93905
Ion Ratio Lower Upper
117 100
119 5.6 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.349 ug/l
RT: 9.462 min Scan# 2786
Delta R.T. 0.003 min
Lab File: VN070493.D
Acq: 5 Jan 2022 16:47

Tgt Ion: 83 Resp: 6982
Ion Ratio Lower Upper
83 100
55 89.0 58.1 87.1#
98 40.8 38.4 57.6

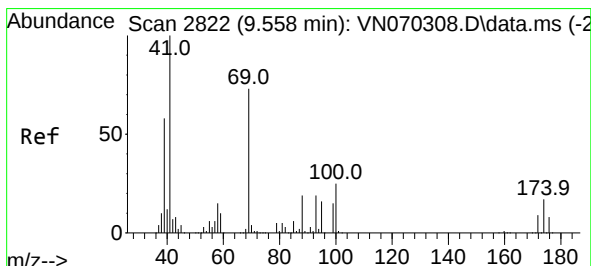
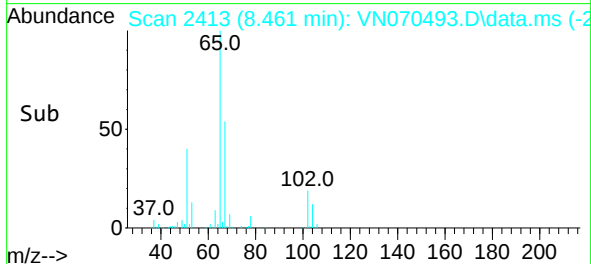
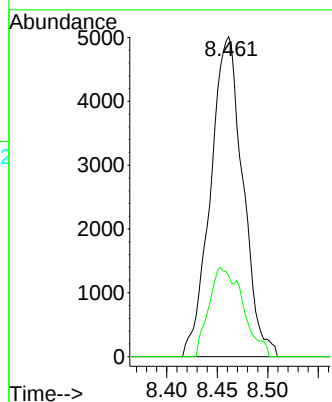
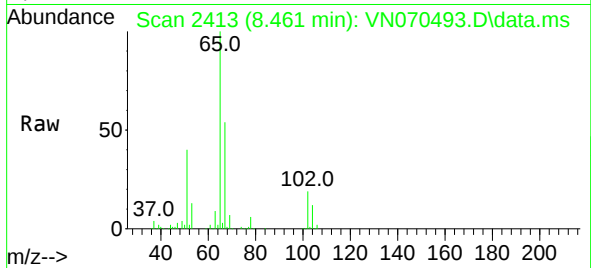




#40
Benzene
Concen: 0.221 ug/l
RT: 8.461 min Scan# 2412
Delta R.T. 0.003 min
Lab File: VN070493.D
Acq: 5 Jan 2022 16:47

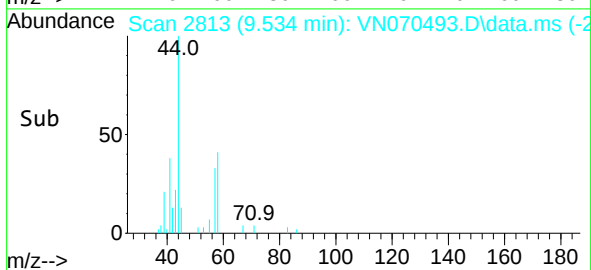
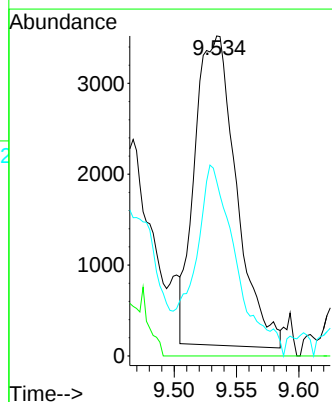
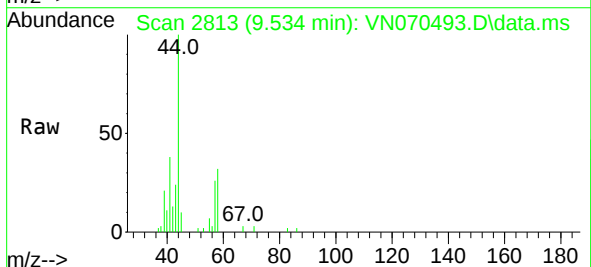
Instrument :
MSVOA_N
ClientSampleId :

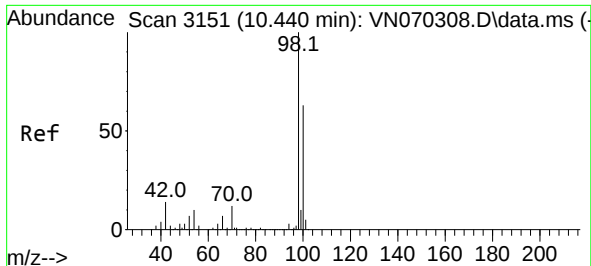
Tgt Ion: 78 Resp: 11167
Ion Ratio Lower Upper
78 100
77 25.3 18.6 27.8



#48
Methyl methacrylate
Concen: 0.489 ug/l
RT: 9.534 min Scan# 2813
Delta R.T. -0.024 min
Lab File: VN070493.D
Acq: 5 Jan 2022 16:47

Tgt Ion: 41 Resp: 7871
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 61.3 58.4 87.6

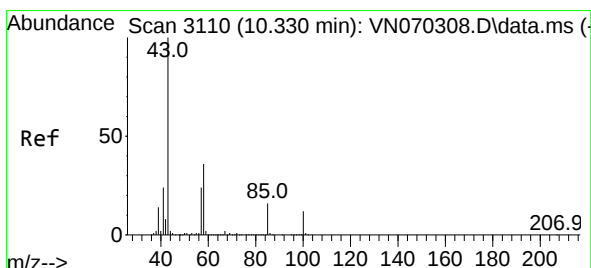
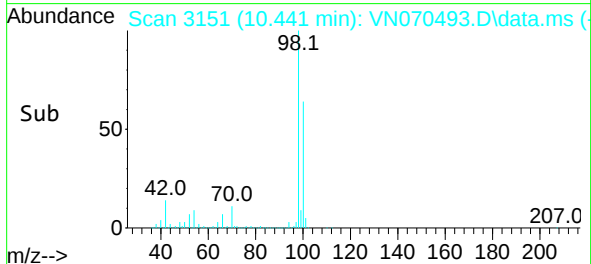
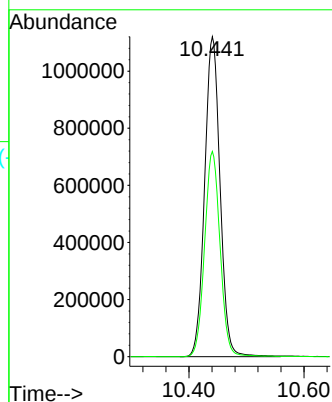
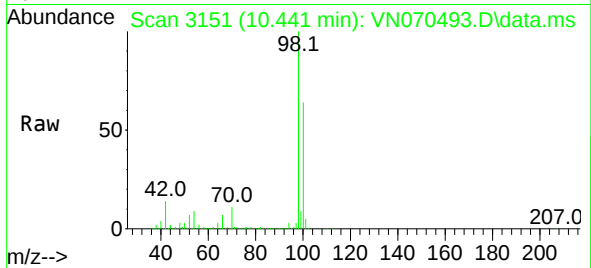




#50
Toluene-d8
Concen: 51.136 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VN070493.D
Acq: 5 Jan 2022 16:47

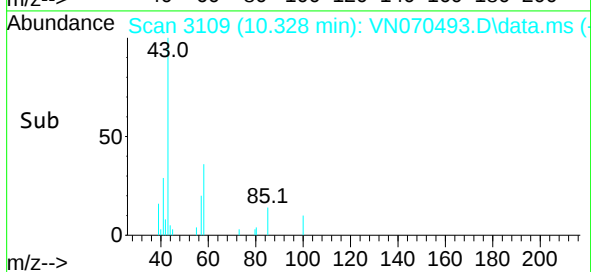
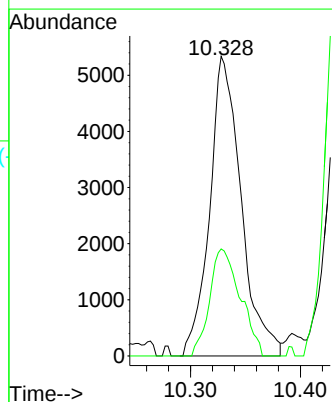
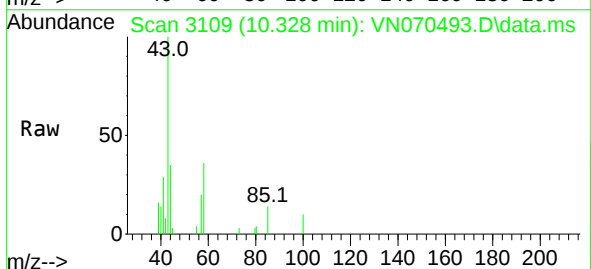
Instrument :
MSVOA_N
ClientSampleId :

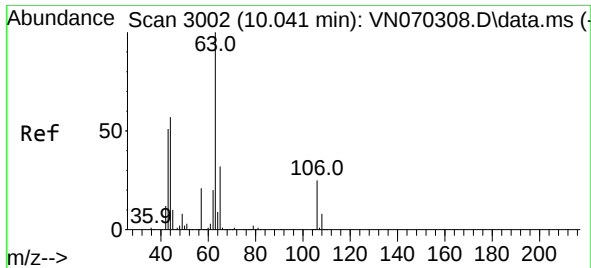
Tgt Ion: 98 Resp: 2085850
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.500 ug/l
RT: 10.328 min Scan# 3109
Delta R.T. -0.002 min
Lab File: VN070493.D
Acq: 5 Jan 2022 16:47

Tgt Ion: 43 Resp: 10603
Ion Ratio Lower Upper
43 100
58 34.8 30.4 45.6

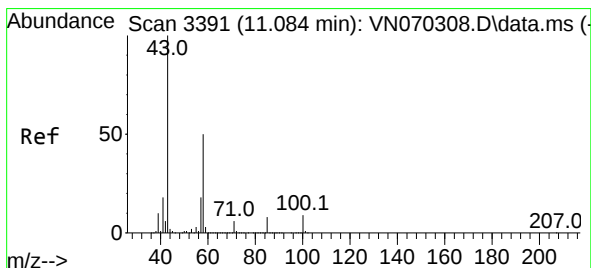
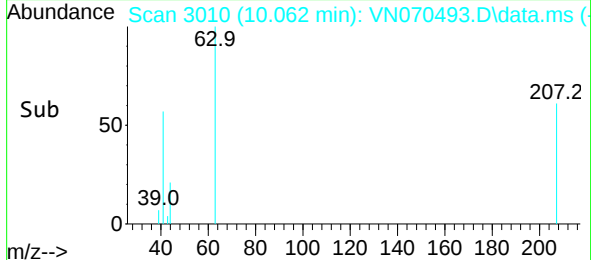
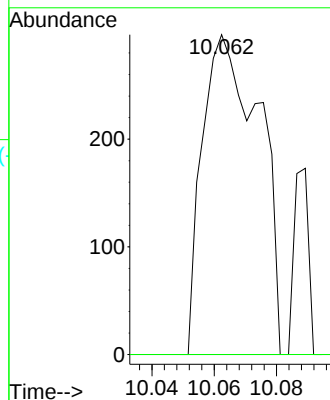
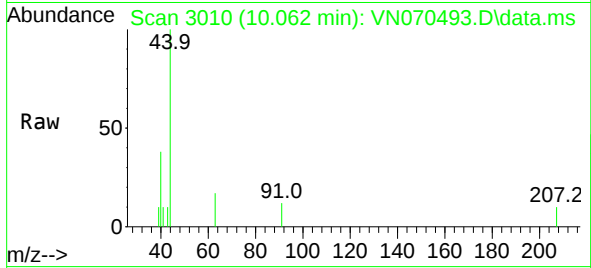




#58
2-Chloroethyl Vinyl ether
Concen: 18.581 ug/l
RT: 10.062 min Scan# 3002
Delta R.T. 0.021 min
Lab File: VN070493.D
Acq: 5 Jan 2022 16:47

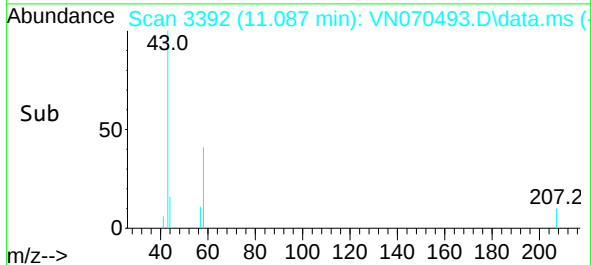
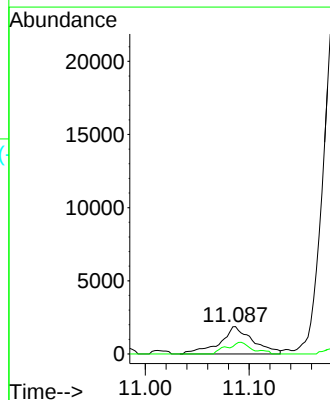
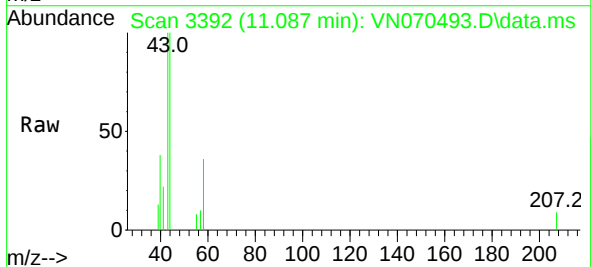
Instrument :
MSVOA_N
ClientSampleId :

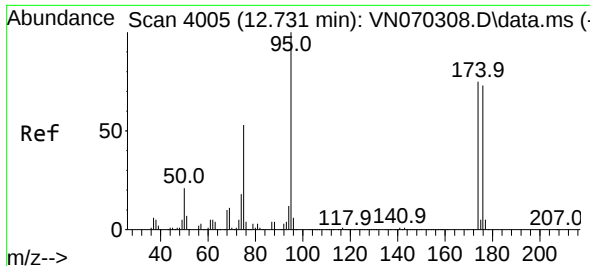
Tgt Ion: 63 Resp: 376
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 0.266 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.003 min
Lab File: VN070493.D
Acq: 5 Jan 2022 16:47

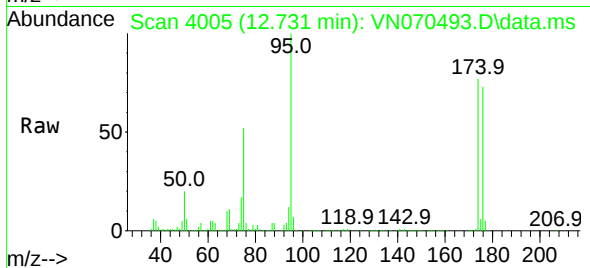
Tgt Ion: 43 Resp: 4120
Ion Ratio Lower Upper
43 100
58 14.6 26.9 80.7#



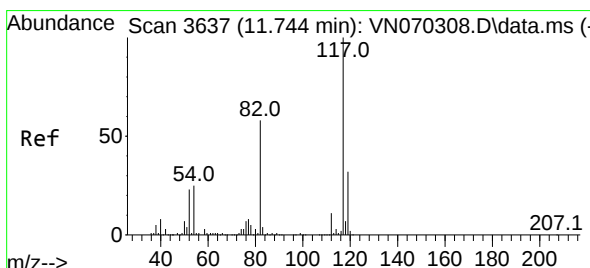
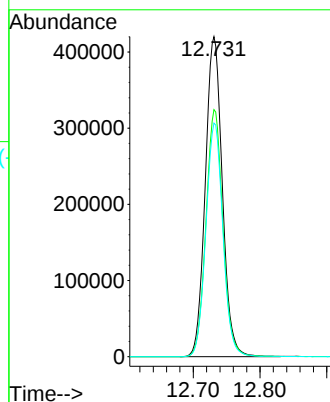
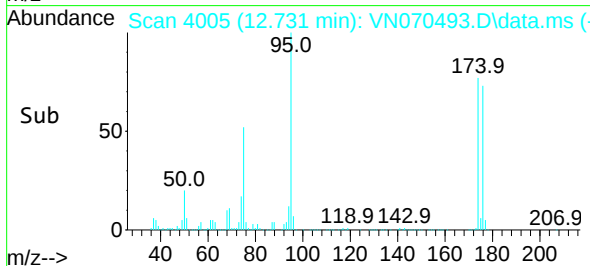


#62
4-Bromofluorobenzene
Concen: 50.505 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070493.D
Acq: 5 Jan 2022 16:47

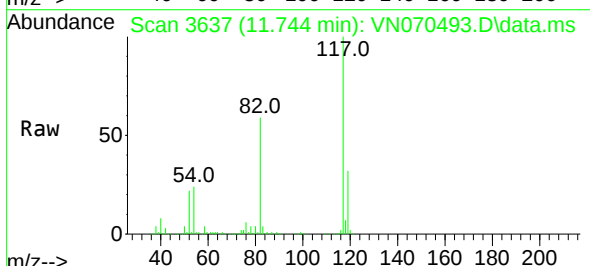
Instrument :
MSVOA_N
ClientSampleId :



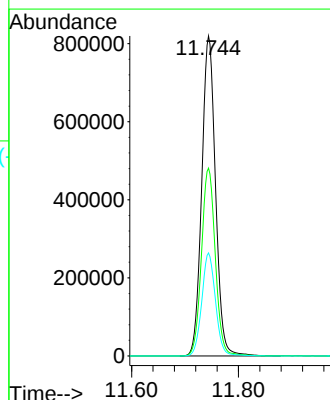
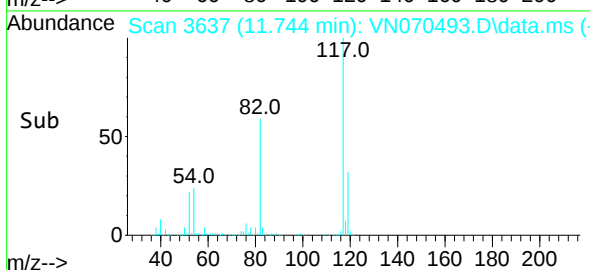
Tgt Ion: 95 Resp: 744066
Ion Ratio Lower Upper
95 100
174 77.0 0.0 187.2
176 72.9 0.0 181.4

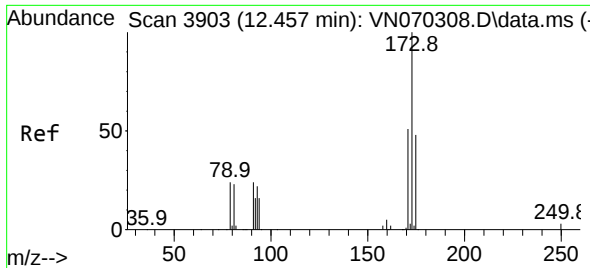


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070493.D
Acq: 5 Jan 2022 16:47



Tgt Ion: 117 Resp: 1470639
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 32.2 25.4 38.2

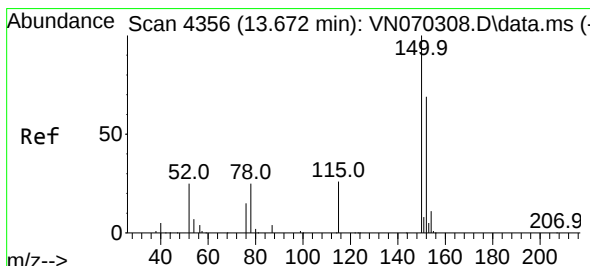
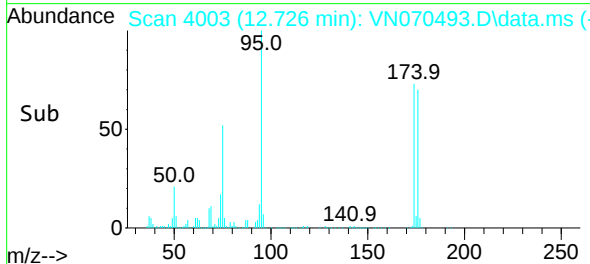
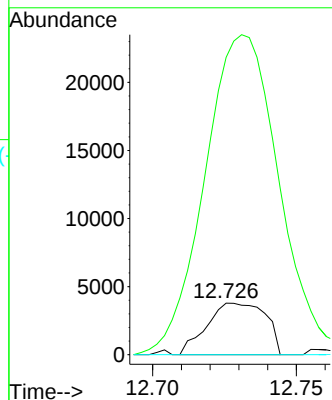
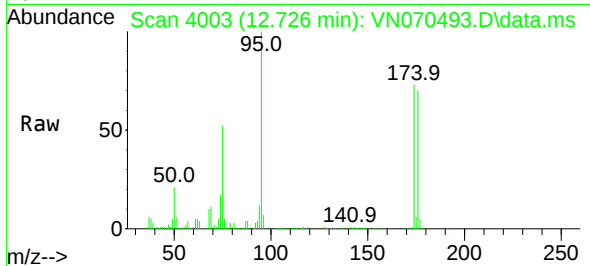




#71
Bromoform
Concen: 0.652 ug/l
RT: 12.726 min Scan# 4003
Delta R.T. 0.269 min
Lab File: VN070493.D
Acq: 5 Jan 2022 16:47

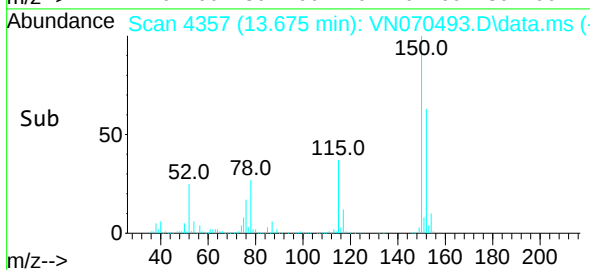
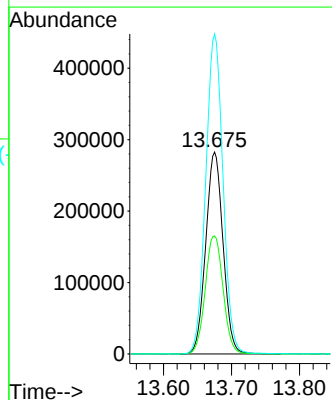
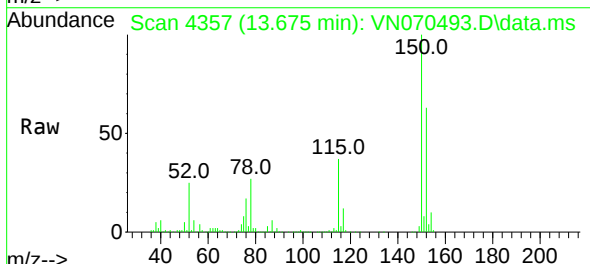
Instrument :
MSVOA_N
ClientSampleId :

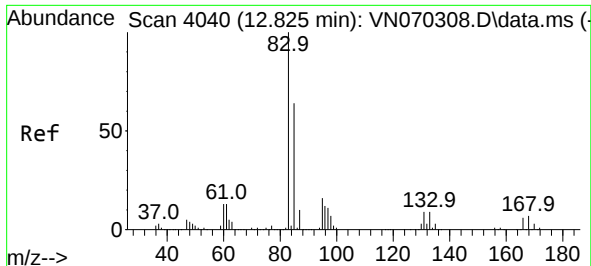
Tgt Ion:173 Resp: 5388
Ion Ratio Lower Upper
173 100
175 722.4 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070493.D
Acq: 5 Jan 2022 16:47

Tgt Ion:152 Resp: 501138
Ion Ratio Lower Upper
152 100
115 60.4 27.5 82.5
150 157.8 0.0 344.4

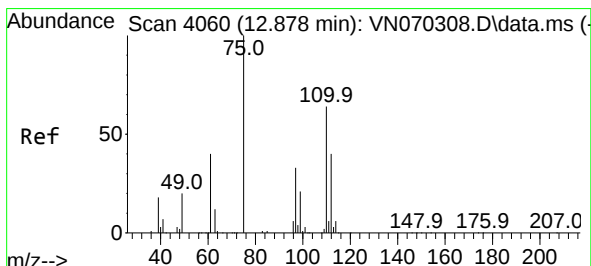
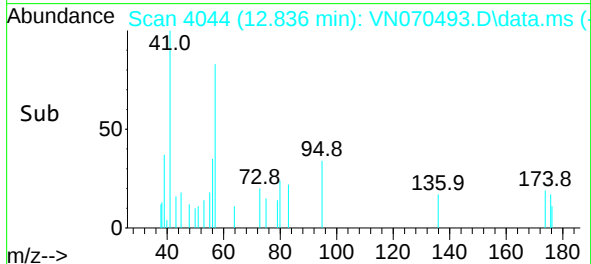
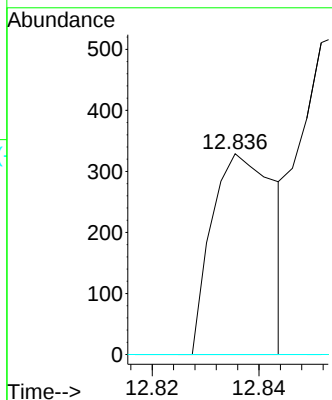
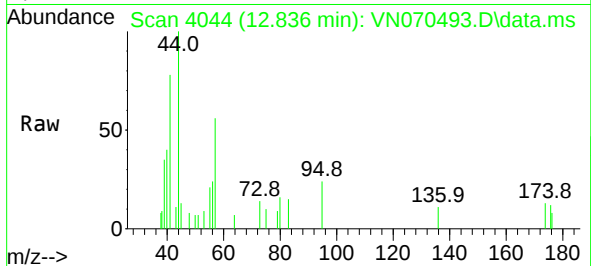




#75
1,1,2,2-Tetrachloroethane
Concen: 0.463 ug/l
RT: 12.836 min Scan# 4044
Delta R.T. 0.011 min
Lab File: VN070493.D
Acq: 5 Jan 2022 16:47

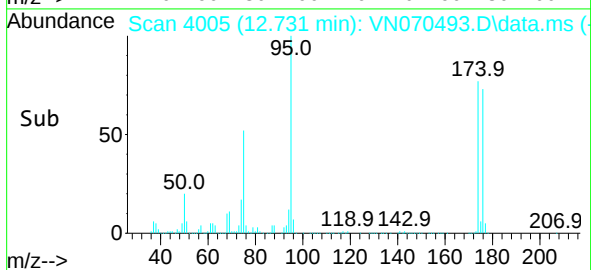
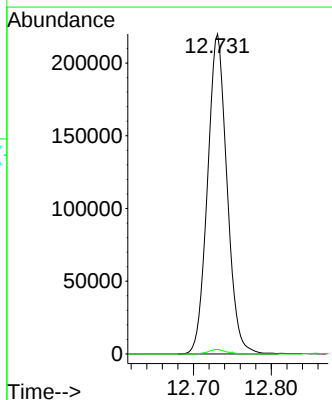
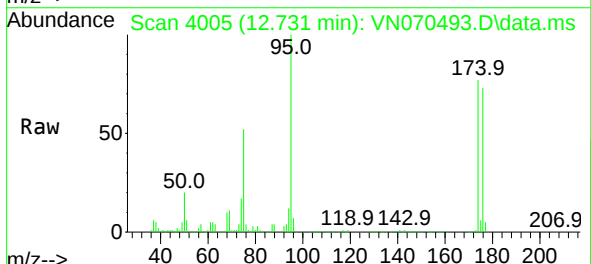
Instrument :
MSVOA_N
ClientSampleId :

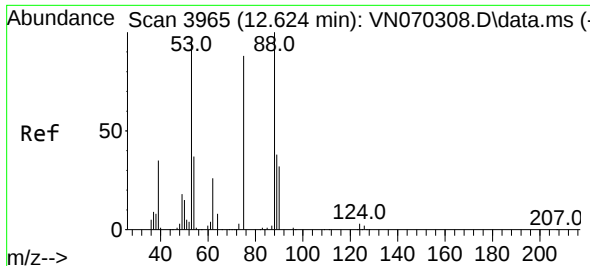
Tgt Ion: 83 Resp: 270
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 0.0 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 27.074 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070493.D
Acq: 5 Jan 2022 16:47

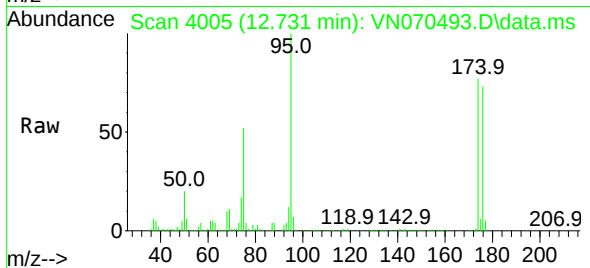
Tgt Ion: 75 Resp: 382003
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#



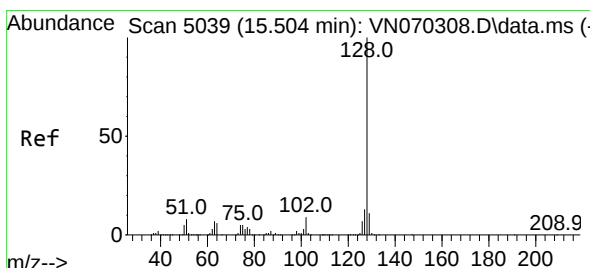
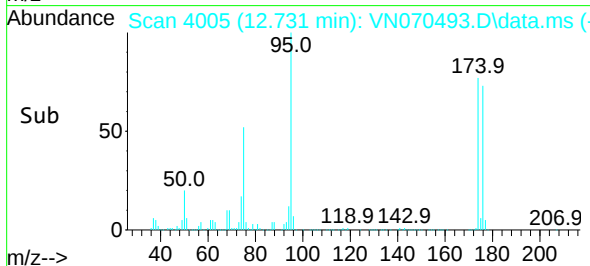
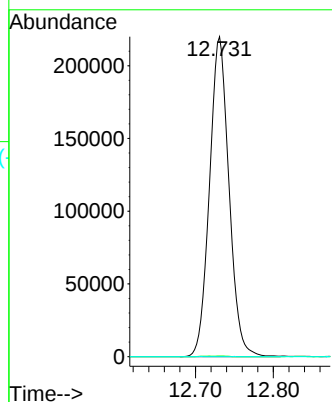


#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.132 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. 0.107 min
 Lab File: VN070493.D
 Acq: 5 Jan 2022 16:47

Instrument :
 MSVOA_N
 ClientSampleId :

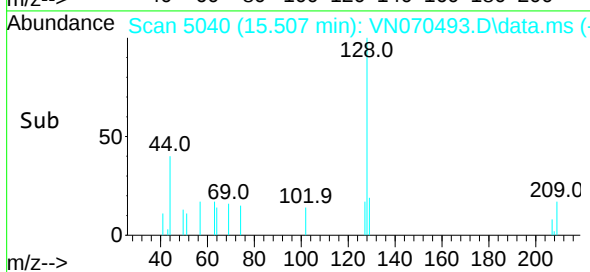
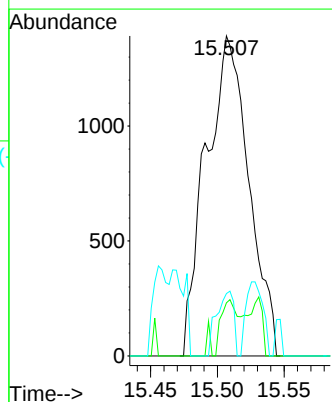
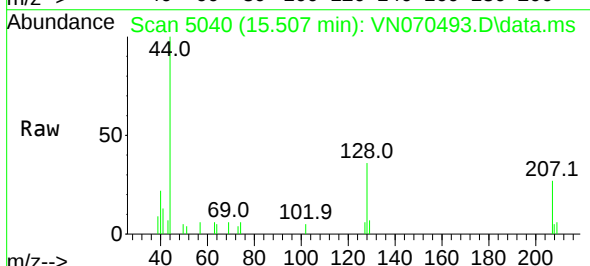


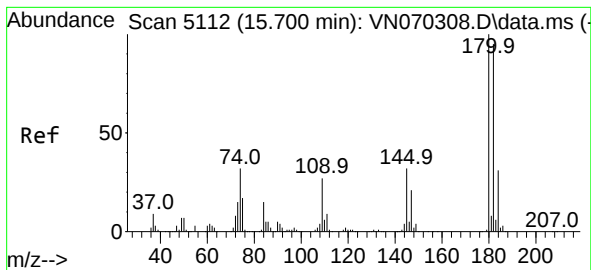
Tgt Ion: 75 Resp: 382003
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.5 135.7#
 89 0.0 38.2 57.4#



#95
 Naphthalene
 Concen: 1.928 ug/l
 RT: 15.507 min Scan# 5040
 Delta R.T. 0.003 min
 Lab File: VN070493.D
 Acq: 5 Jan 2022 16:47

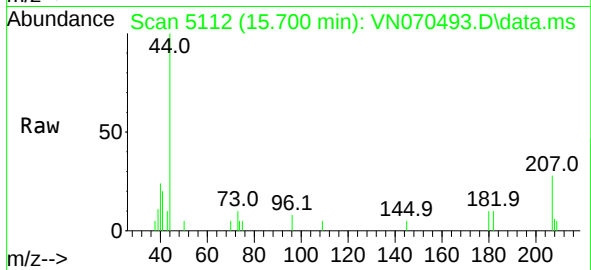
Tgt Ion: 128 Resp: 3111
 Ion Ratio Lower Upper
 128 100
 127 7.1 10.5 15.7#
 129 8.1 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.881 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN070493.D
 Acq: 5 Jan 2022 16:47

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 438
 Ion Ratio Lower Upper
 180 100
 182 88.6 47.4 142.2
 145 60.3 15.0 45.1#

