

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
 Data File : VN070463.D
 Acq On : 4 Jan 2022 15:02
 Operator : JC/MD
 Sample : N1003-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 05 03:16:44 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)

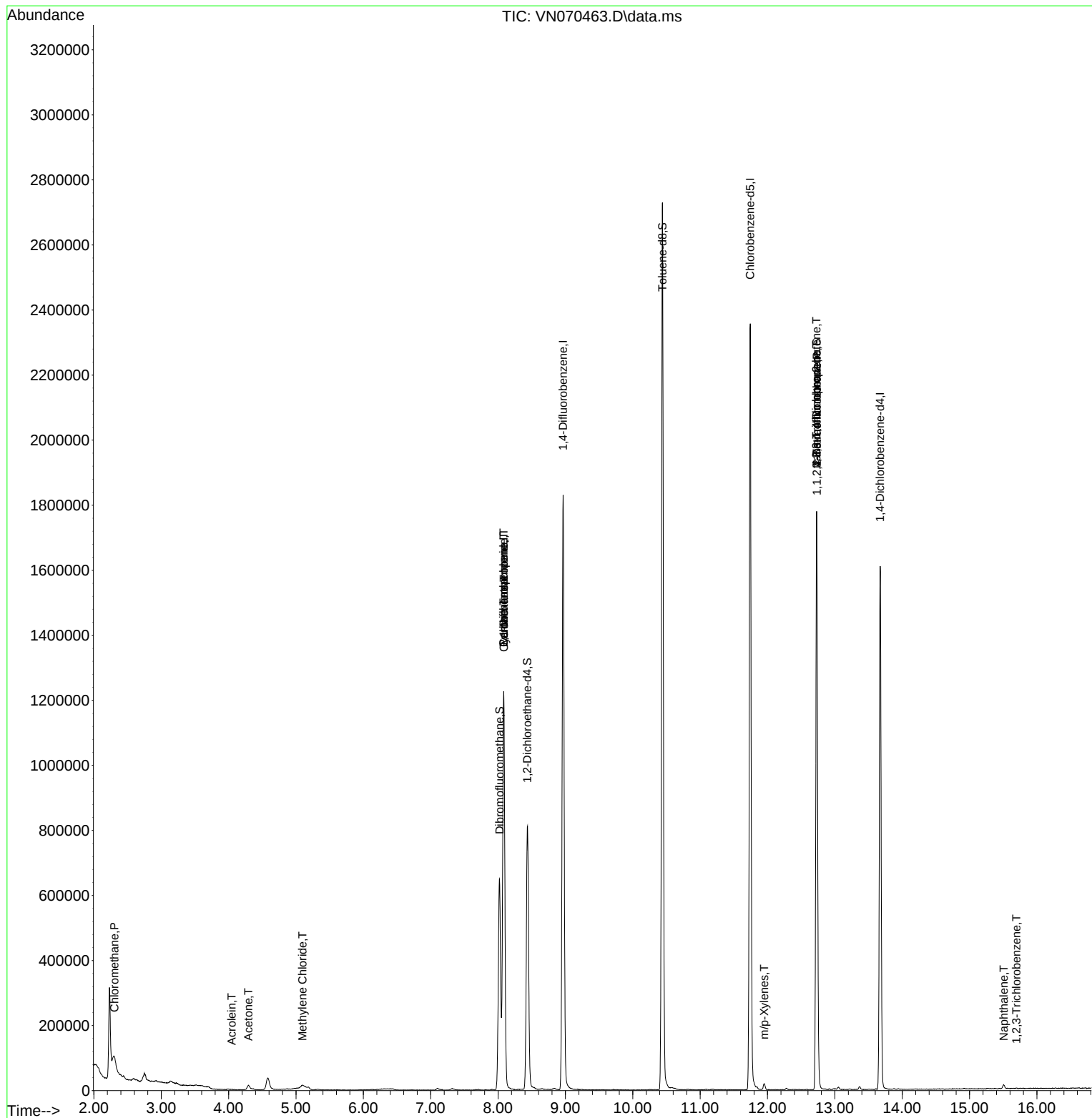
Internal Standards						
1) Pentafluorobenzene	8.083	168	932026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1584575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1362463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	451988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	698705	52.139	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 104.280%		
35) Dibromofluoromethane	8.021	113	484078	50.491	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 100.980%		
50) Toluene-d8	10.441	98	1907809	48.711	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 97.420%		
62) 4-Bromofluorobenzene	12.731	95	672316	47.527	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 95.060%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.303	50	4387	0.305	ug/l	90
13) Acrolein	4.044	56	499	0.276	ug/l #	1
16) Acetone	4.293	43	20623	2.371	ug/l	92
20) Methylene Chloride	5.095	84	5784	0.481	ug/l #	88
31) Cyclohexane	8.086	56	21536	1.018	ug/l #	16
36) 1,1-Dichloropropene	8.083	75	77727	4.901	ug/l #	49
38) Carbon Tetrachloride	8.083	117	91937	6.071	ug/l #	16
68) m/p-Xylenes	11.950	106	5818	0.302	ug/l	77
75) 1,1,2,2-Tetrachloroethane	12.734	83	279	0.465	ug/l #	25
76) 1,2,3-Trichloropropane	12.728	75	348646	27.364	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.728	75	348646	94.242	ug/l #	5
95) Naphthalene	15.507	128	12076	2.362	ug/l #	75
96) 1,2,3-Trichlorobenzene	15.694	180	341	0.873	ug/l #	47

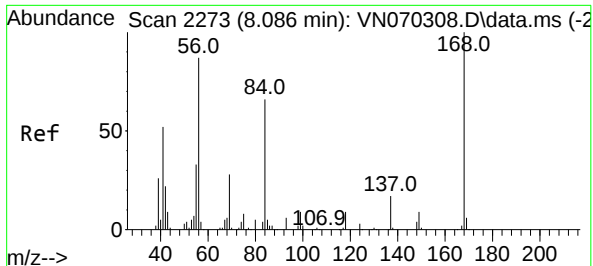
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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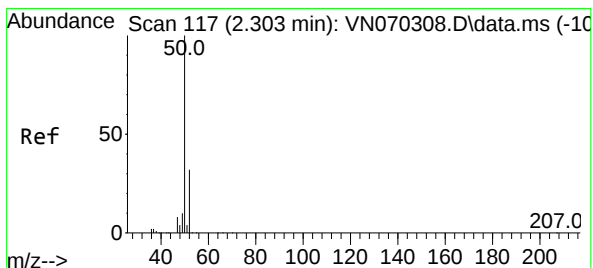
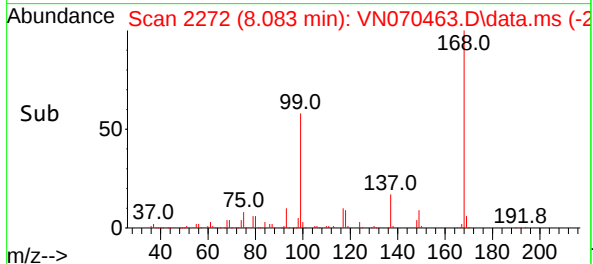
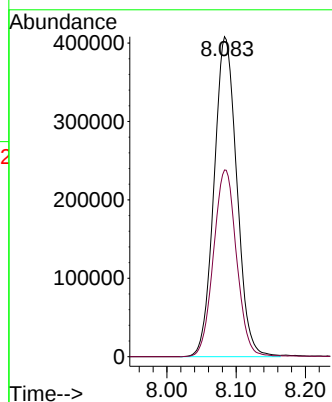
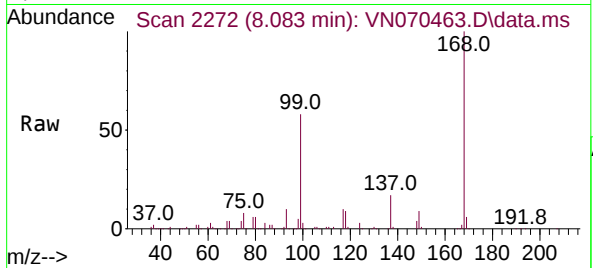




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070463.D
Acq: 4 Jan 2022 15:02

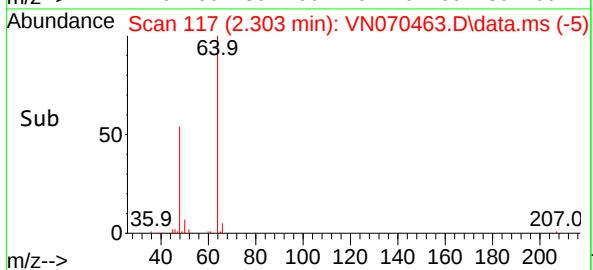
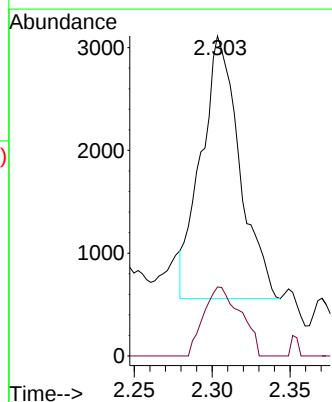
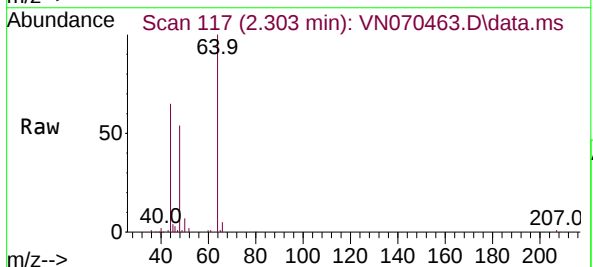
Instrument :
MSVOA_N
ClientSampleId :

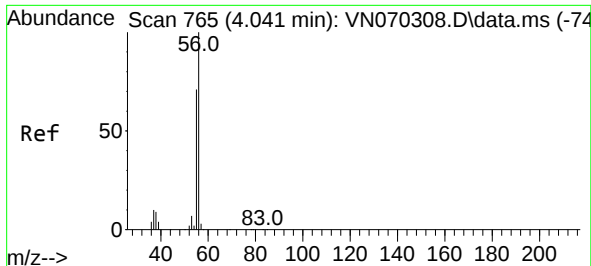
Tgt Ion:168 Resp: 932026
Ion Ratio Lower Upper
168 100
99 58.4 41.3 61.9



#3
Chloromethane
Concen: 0.305 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070463.D
Acq: 4 Jan 2022 15:02

Tgt Ion: 50 Resp: 4387
Ion Ratio Lower Upper
50 100
52 26.3 25.4 38.0

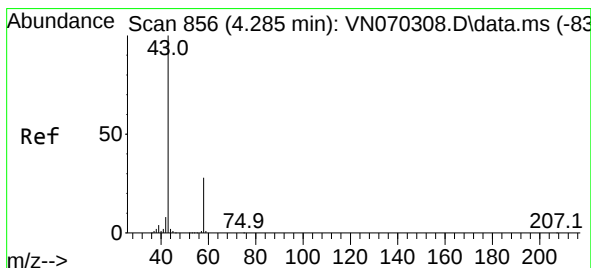
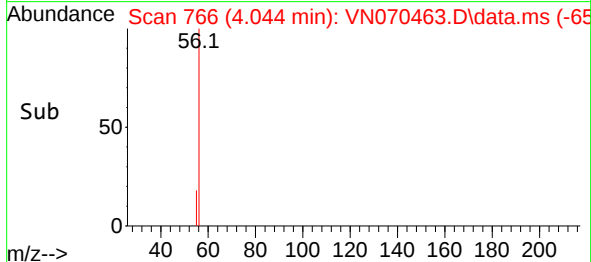
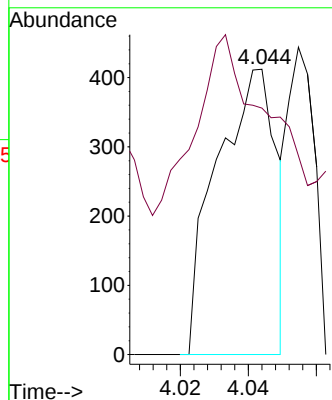
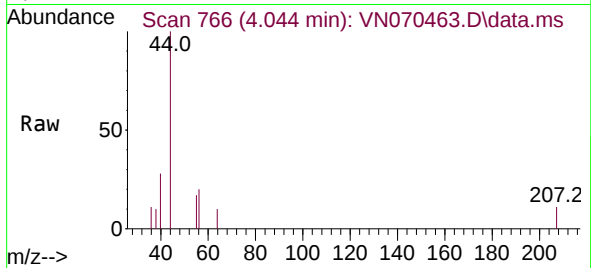




#13
Acrolein
Concen: 0.276 ug/l
RT: 4.044 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN070463.D
Acq: 4 Jan 2022 15:02

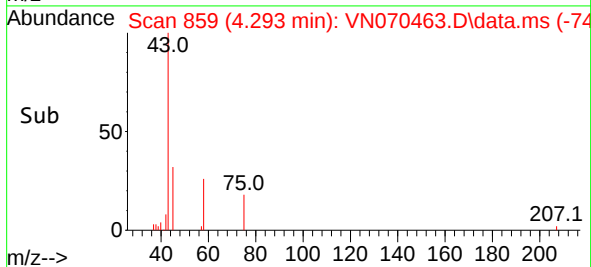
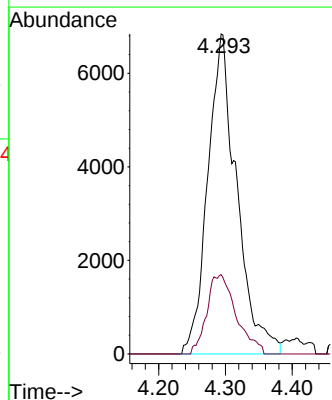
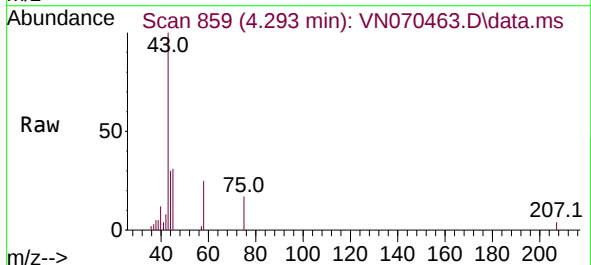
Instrument :
MSVOA_N
ClientSampleId :

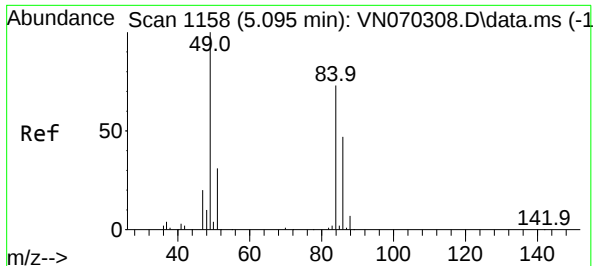
Tgt Ion: 56 Resp: 499
Ion Ratio Lower Upper
56 100
55 214.0 56.6 85.0#



#16
Acetone
Concen: 2.371 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070463.D
Acq: 4 Jan 2022 15:02

Tgt Ion: 43 Resp: 20623
Ion Ratio Lower Upper
43 100
58 24.8 23.1 34.7





#20

Methylene Chloride

Concen: 0.481 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.000 min

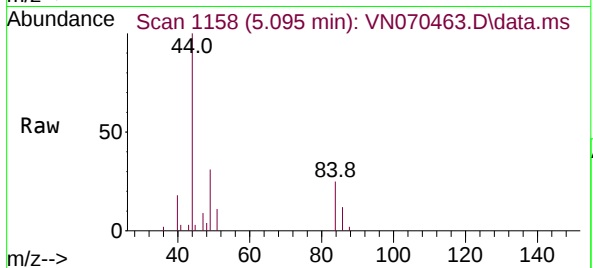
Lab File: VN070463.D

Acq: 4 Jan 2022 15:02

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 5784

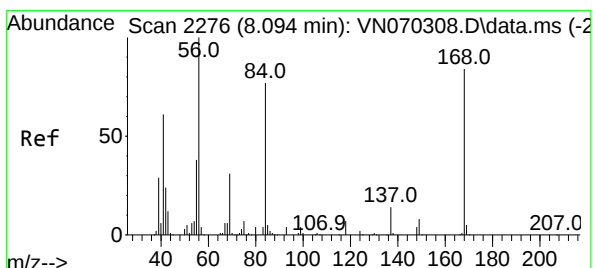
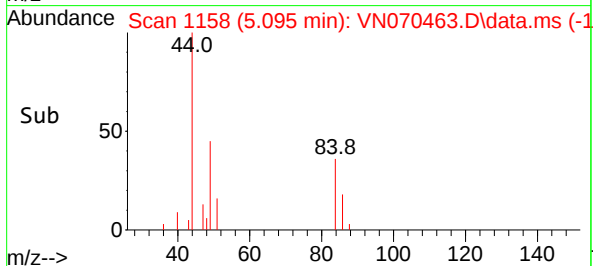
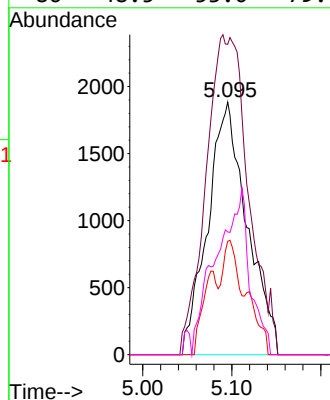
Ion Ratio Lower Upper

84 100

49 122.8 93.5 140.3

51 44.9 29.4 44.2#

86 48.5 53.0 79.4#



#31

Cyclohexane

Concen: 1.018 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.008 min

Lab File: VN070463.D

Acq: 4 Jan 2022 15:02

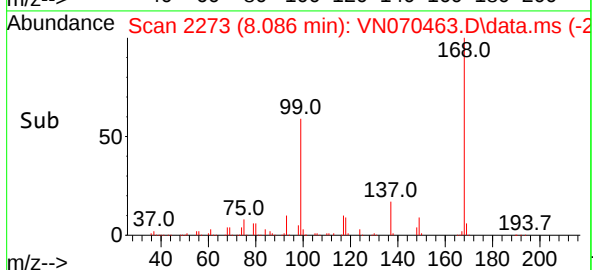
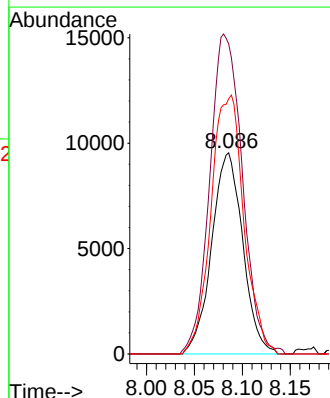
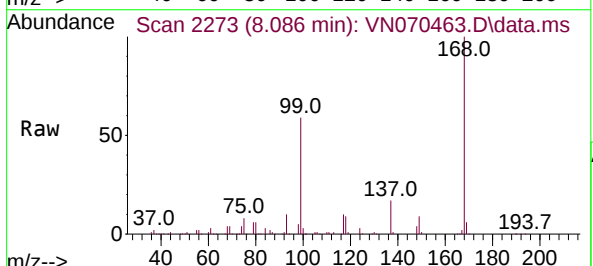
Tgt Ion: 56 Resp: 21536

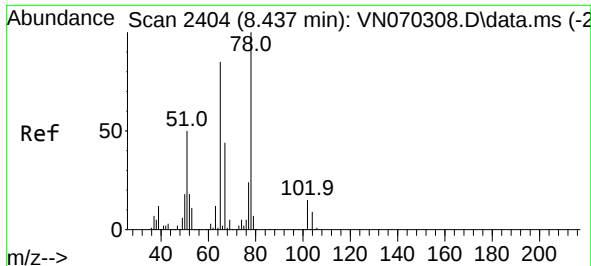
Ion Ratio Lower Upper

56 100

69 154.1 27.1 40.7#

84 126.8 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 52.139 ug/l

RT: 8.434 min Scan# 2404

Delta R.T. -0.003 min

Lab File: VN070463.D

Acq: 4 Jan 2022 15:02

Instrument :

MSVOA_N

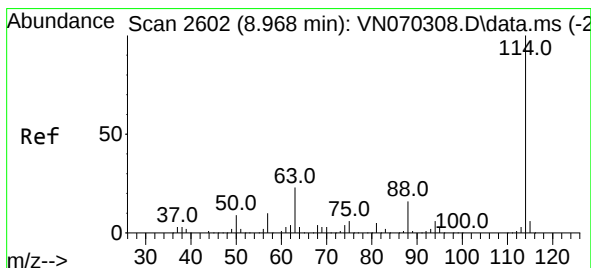
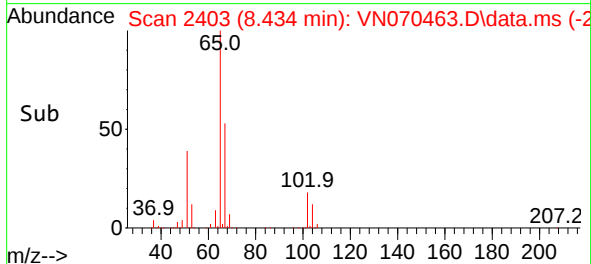
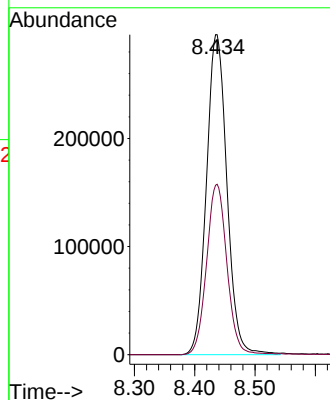
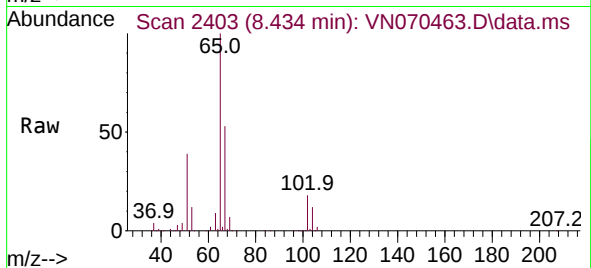
ClientSampleId :

Tgt Ion: 65 Resp: 698705

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070463.D

Acq: 4 Jan 2022 15:02

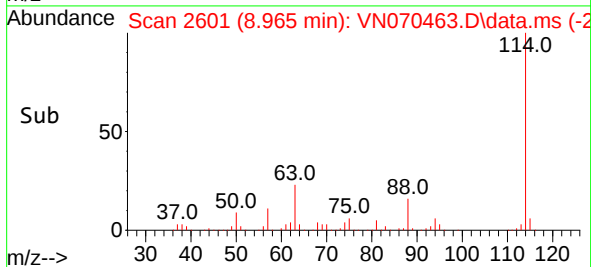
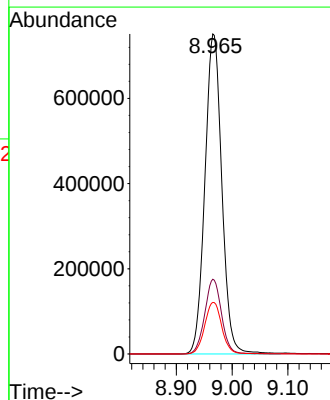
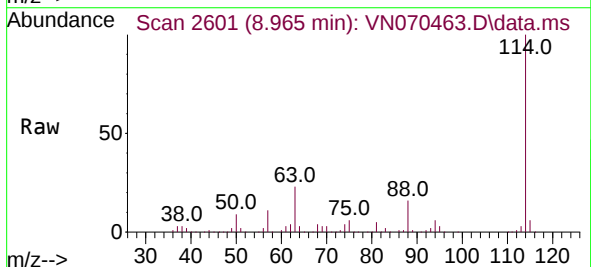
Tgt Ion: 114 Resp: 1584575

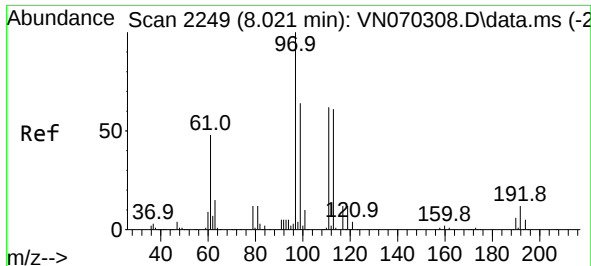
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

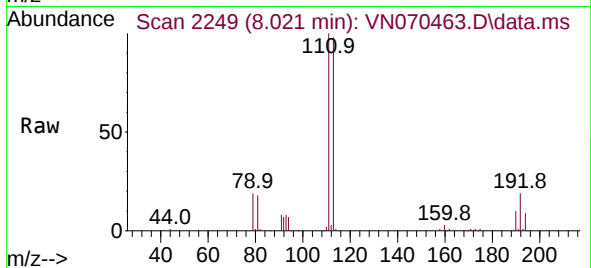
88 16.1 0.0 27.4



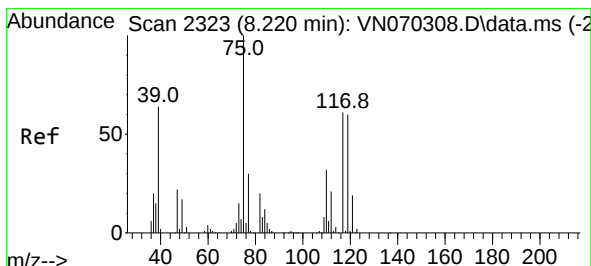
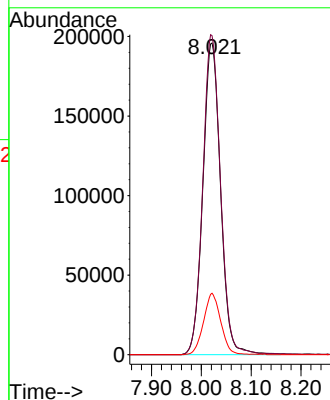
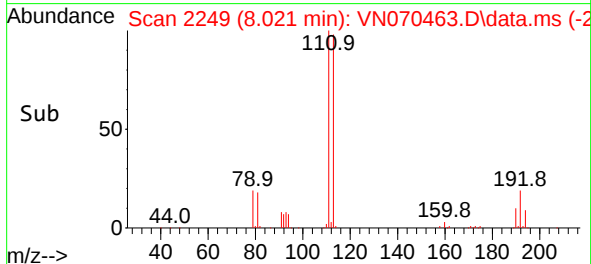


#35
Dibromofluoromethane
Concen: 50.491 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070463.D
Acq: 4 Jan 2022 15:02

Instrument :
MSVOA_N
ClientSampleId :

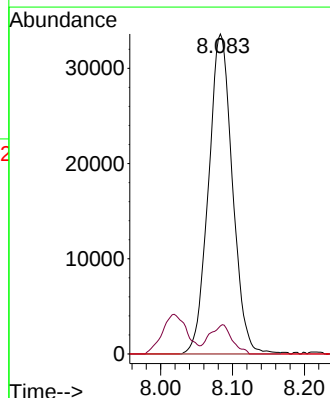
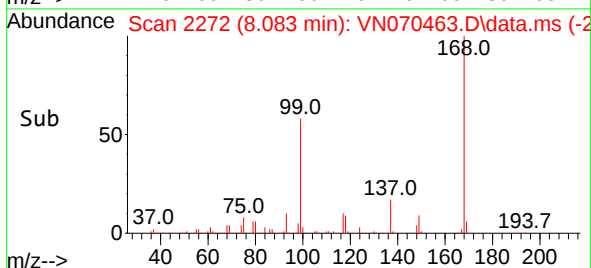
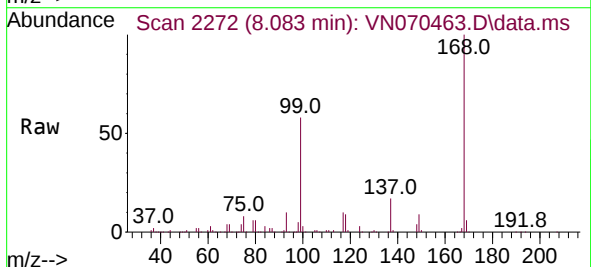


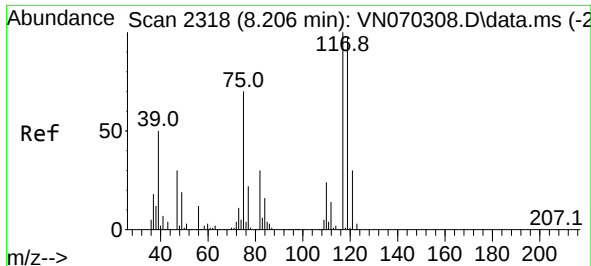
Tgt Ion:113 Resp: 484078
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.901 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.137 min
Lab File: VN070463.D
Acq: 4 Jan 2022 15:02

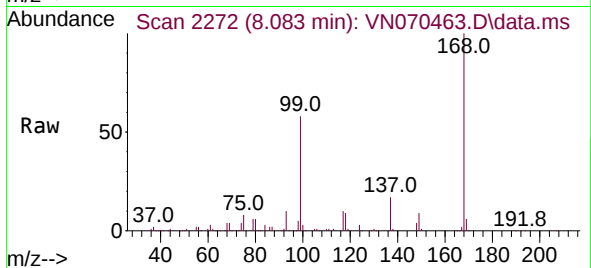
Tgt Ion: 75 Resp: 77727
Ion Ratio Lower Upper
75 100
110 8.5 18.4 55.2#
77 0.0 24.4 36.6#



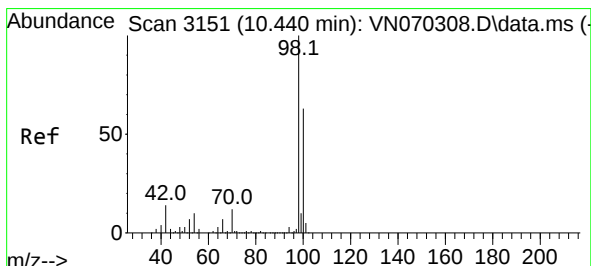
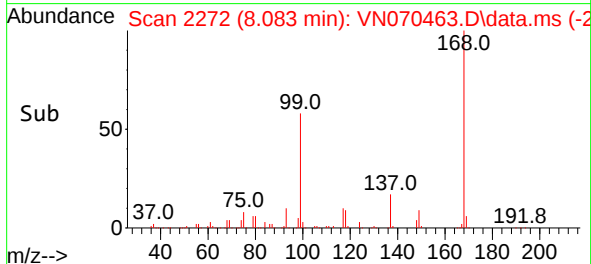
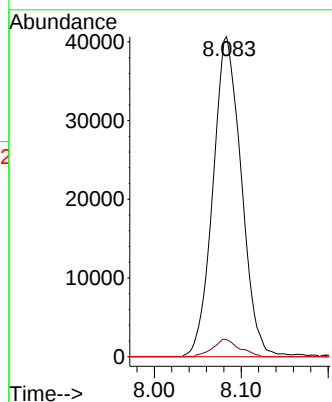


#38
Carbon Tetrachloride
Concen: 6.071 ug/l
RT: 8.083 min Scan# 211
Delta R.T. -0.123 min
Lab File: VN070463.D
Acq: 4 Jan 2022 15:02

Instrument :
MSVOA_N
ClientSampleId :

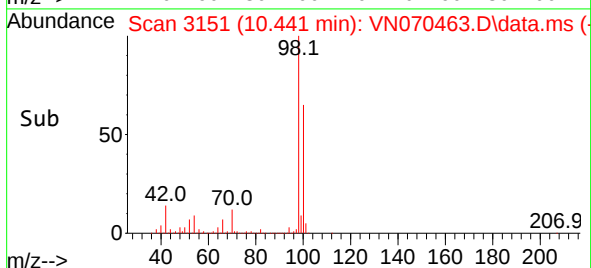
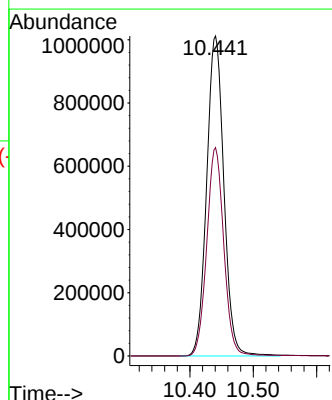
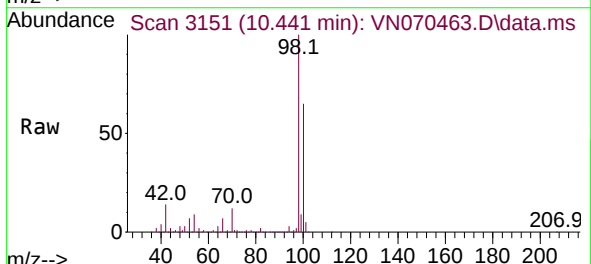


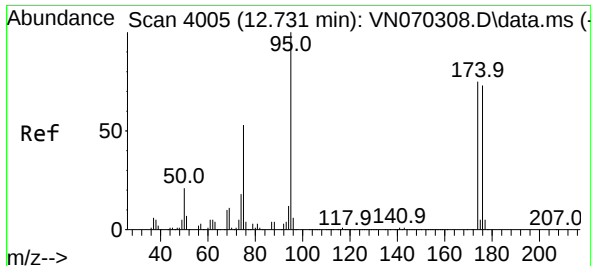
Tgt Ion:117 Resp: 91937
Ion Ratio Lower Upper
117 100
119 5.3 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.711 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VN070463.D
Acq: 4 Jan 2022 15:02

Tgt Ion: 98 Resp: 1907809
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6

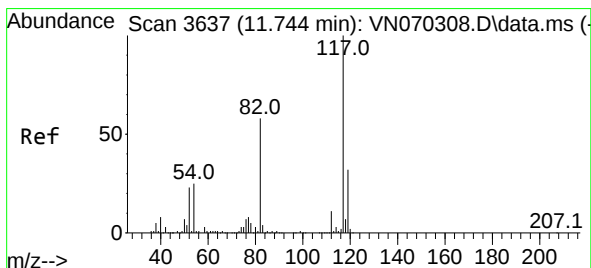
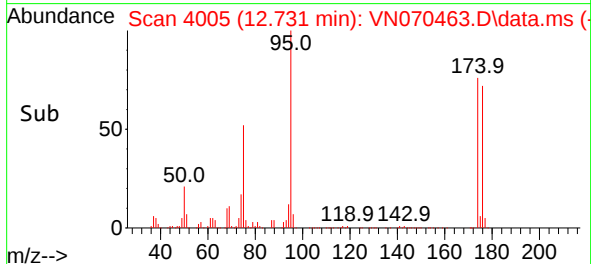
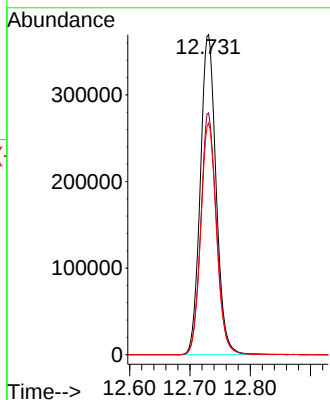
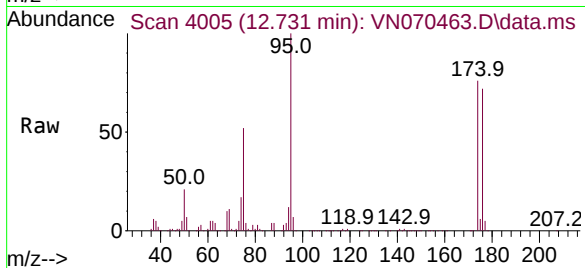




#62
4-Bromofluorobenzene
Concen: 47.527 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070463.D
Acq: 4 Jan 2022 15:02

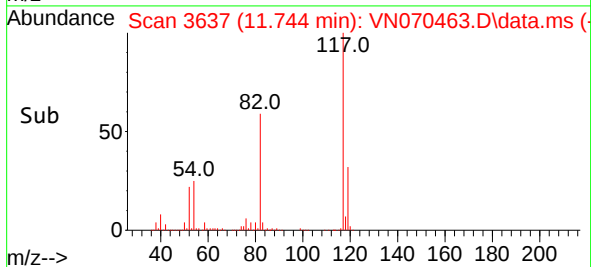
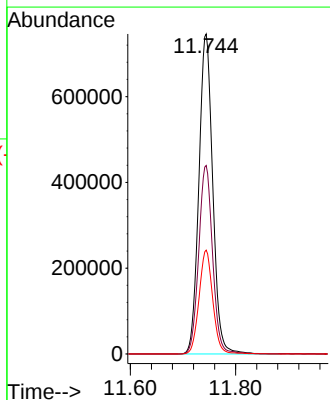
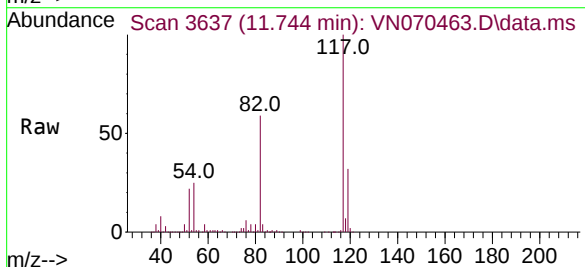
Instrument :
MSVOA_N
ClientSampleId :

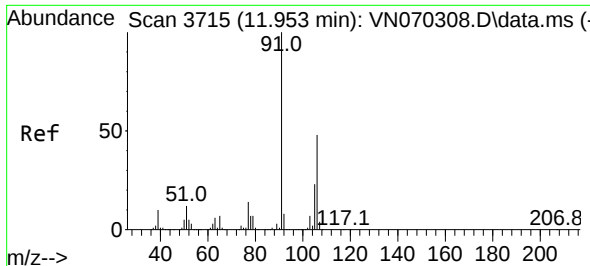
Tgt Ion: 95 Resp: 672316
Ion Ratio Lower Upper
95 100
174 75.3 0.0 187.2
176 72.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070463.D
Acq: 4 Jan 2022 15:02

Tgt Ion: 117 Resp: 1362463
Ion Ratio Lower Upper
117 100
82 58.9 42.4 63.6
119 32.5 25.4 38.2

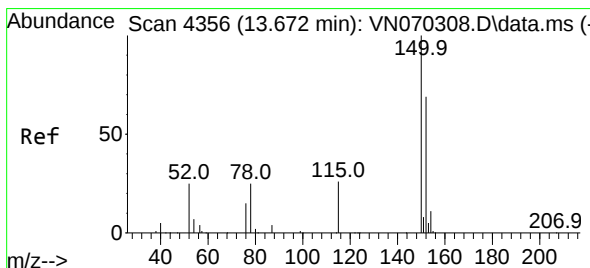
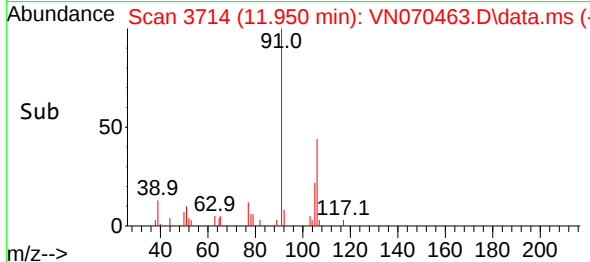
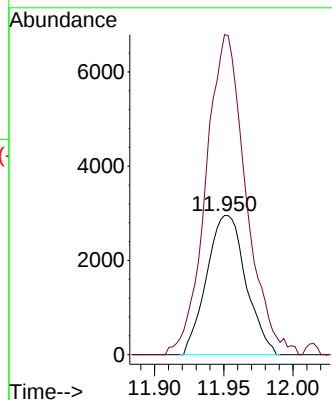
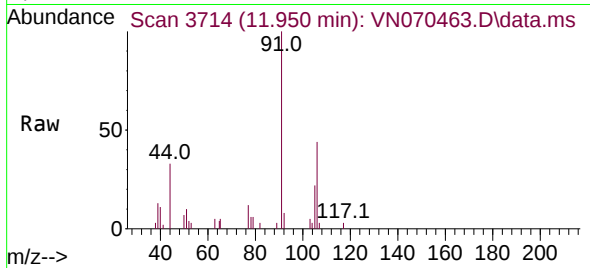




#68
m/p-Xylenes
Concen: 0.302 ug/l
RT: 11.950 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070463.D
Acq: 4 Jan 2022 15:02

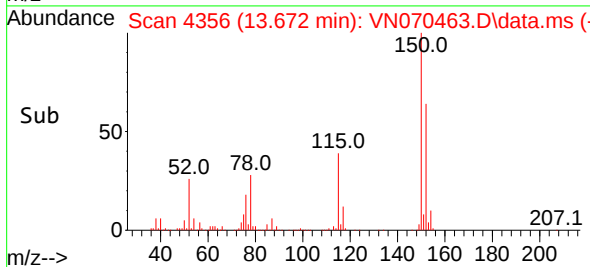
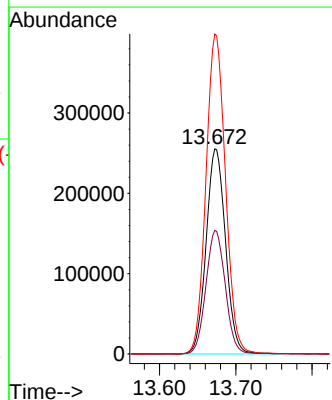
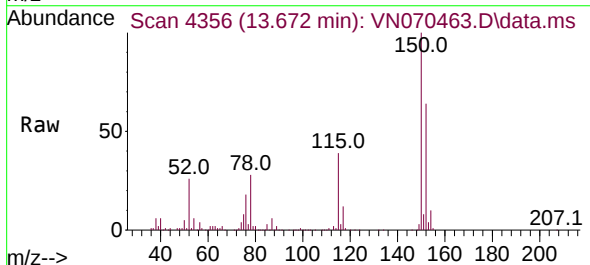
Instrument :
MSVOA_N
ClientSampleId :

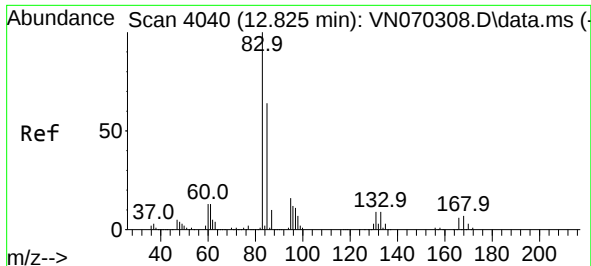
Tgt Ion:106 Resp: 5818
Ion Ratio Lower Upper
106 100
91 235.1 160.6 240.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070463.D
Acq: 4 Jan 2022 15:02

Tgt Ion:152 Resp: 451988
Ion Ratio Lower Upper
152 100
115 60.0 27.5 82.5
150 156.2 0.0 344.4

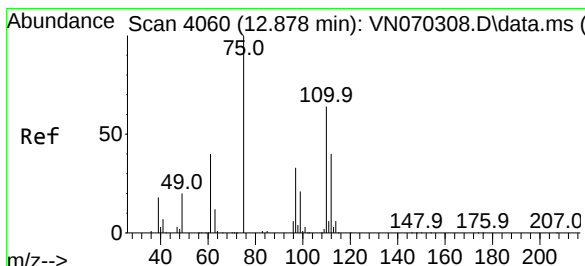
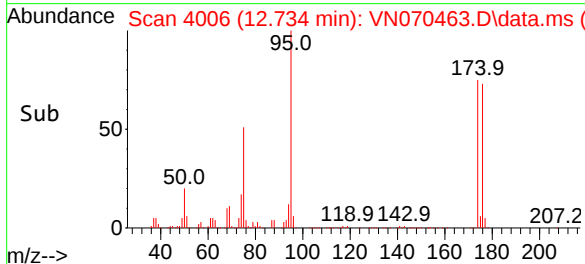
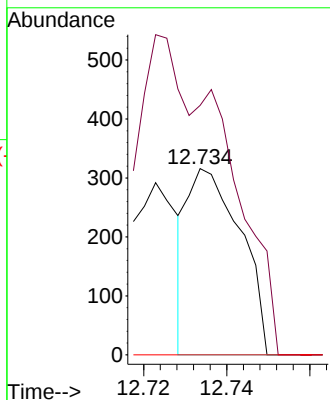
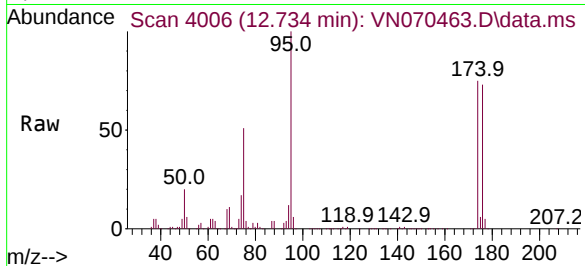




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.465 ug/l
 RT: 12.734 min Scan# 4006
 Delta R.T. -0.091 min
 Lab File: VN070463.D
 Acq: 4 Jan 2022 15:02

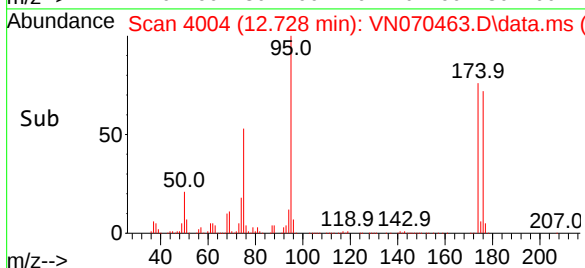
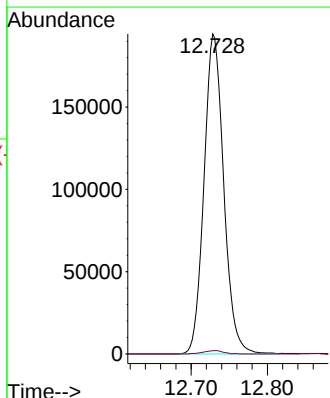
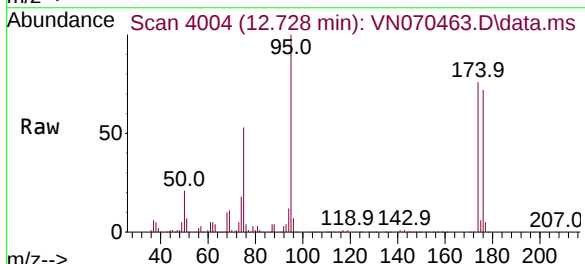
Instrument :
 MSVOA_N
 ClientSampleId :

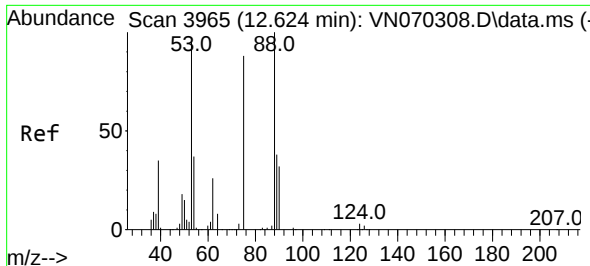
Tgt Ion: 83 Resp: 279
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.5#
 85 0.0 32.4 97.2#



#76
 1,2,3-Trichloropropane
 Concen: 27.364 ug/l
 RT: 12.728 min Scan# 4004
 Delta R.T. -0.150 min
 Lab File: VN070463.D
 Acq: 4 Jan 2022 15:02

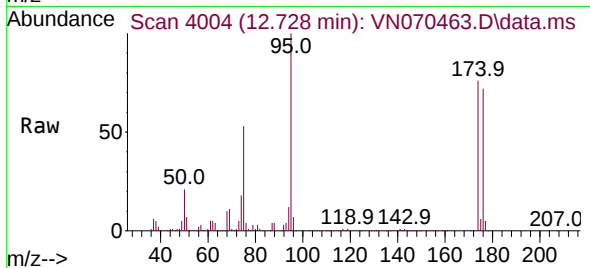
Tgt Ion: 75 Resp: 348646
 Ion Ratio Lower Upper
 75 100
 77 1.0 82.6 247.8#



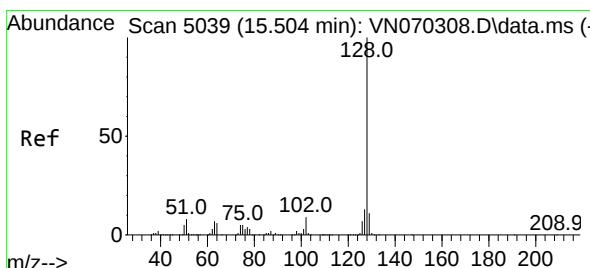
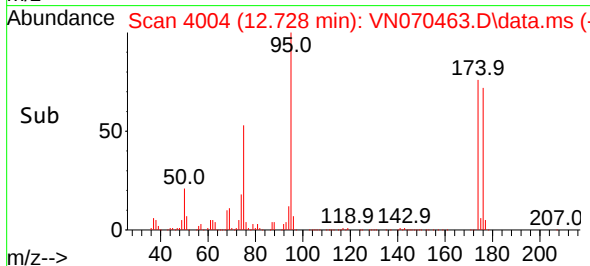
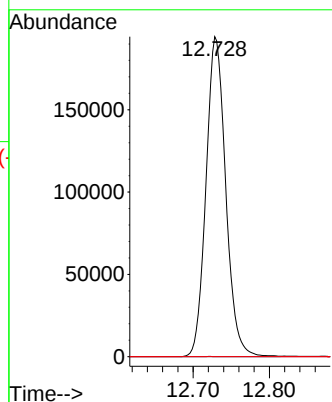


#81
trans-1,4-Dichloro-2-butene
Concen: 94.242 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.104 min
Lab File: VN070463.D
Acq: 4 Jan 2022 15:02

Instrument :
MSVOA_N
ClientSampleId :

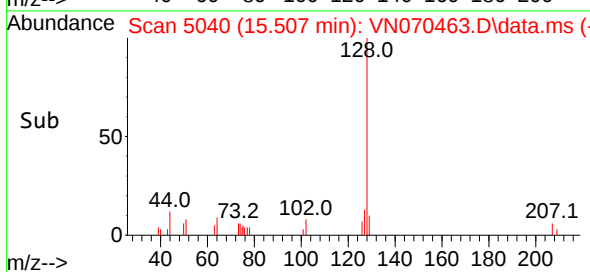
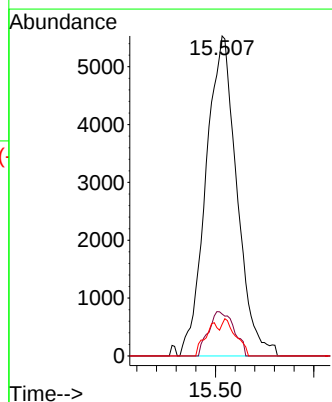
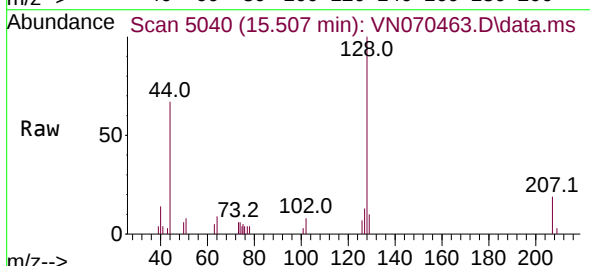


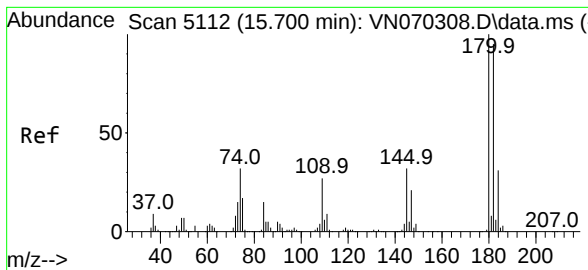
Tgt Ion: 75 Resp: 348646
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#95
Naphthalene
Concen: 2.362 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070463.D
Acq: 4 Jan 2022 15:02

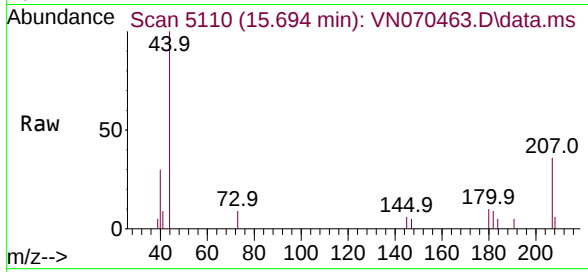
Tgt Ion: 128 Resp: 12076
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 5.3 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.873 ug/l
 RT: 15.694 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN070463.D
 Acq: 4 Jan 2022 15:02

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 341
 Ion Ratio Lower Upper
 180 100
 182 157.8 47.4 142.2#
 145 38.1 15.0 45.1

