

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012022\
 Data File : VN070718.D
 Acq On : 20 Jan 2022 14:21
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 21 02:13:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

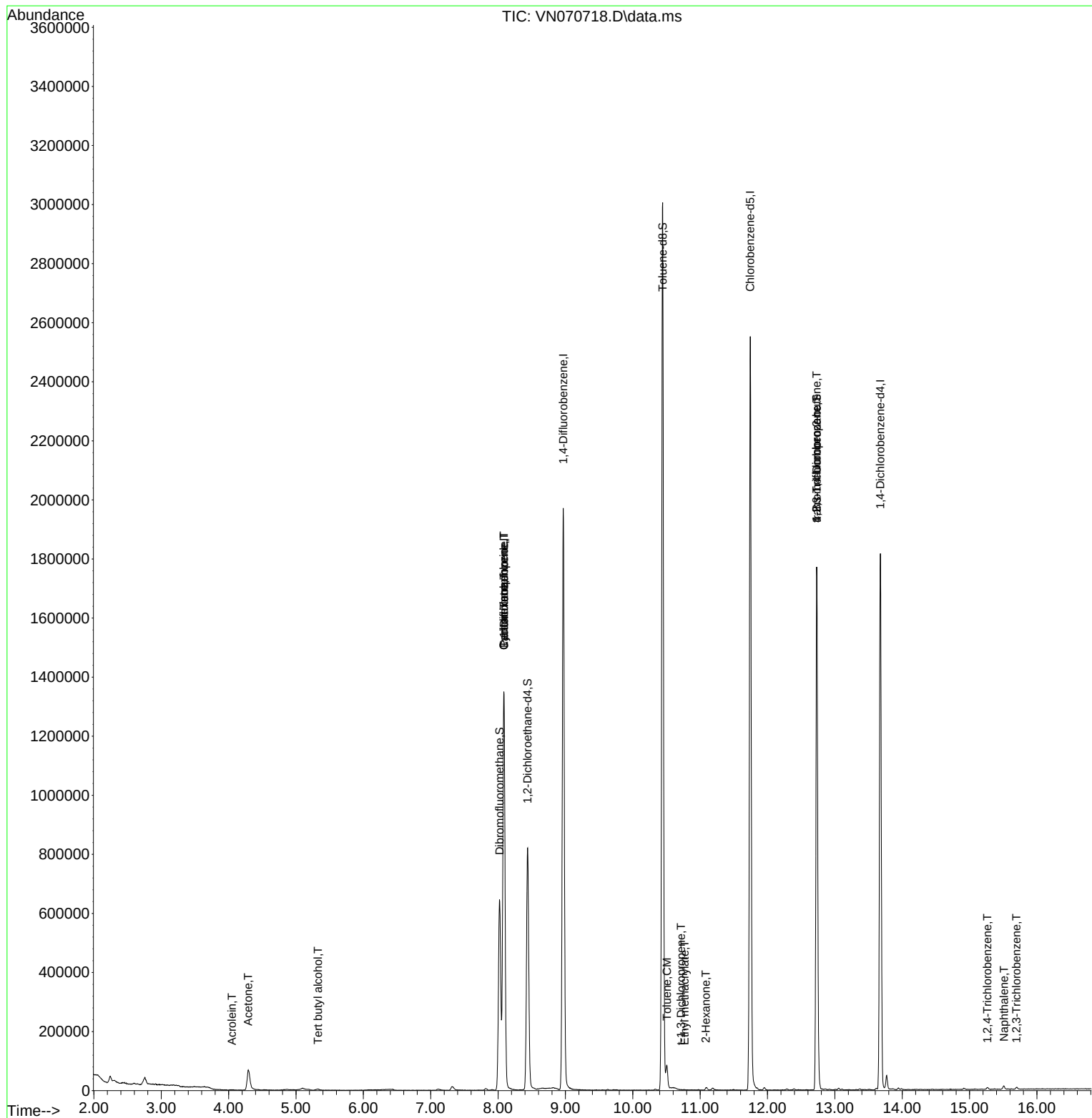
Internal Standards						
1) Pentafluorobenzene	8.086	168	1043351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1675629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1470752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	512753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	700226	46.829	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.660%		
35) Dibromofluoromethane	8.021	113	487515	46.904	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.800%		
50) Toluene-d8	10.443	98	2061105	47.071	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.140%		
62) 4-Bromofluorobenzene	12.731	95	657419	42.133	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	84.260%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.326	59	3942	1.461	ug/l #	71
13) Acrolein	4.046	56	1514	0.391	ug/l #	76
16) Acetone	4.291	43	133745	12.887	ug/l	99
30) Chloroform	7.820	83	5898	Below Cal		85
31) Cyclohexane	8.088	56	23187	0.881	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	85993	4.914	ug/l #	50
38) Carbon Tetrachloride	8.088	117	105222	6.760	ug/l #	16
52) Toluene	10.505	92	29341	0.905	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	215	2.413	ug/l #	73
56) Ethyl methacrylate	10.770	69	398	2.317	ug/l #	59
59) 2-Hexanone	11.084	43	5206	0.317	ug/l	90
76) 1,2,3-Trichloropropane	12.731	75	343943	25.291	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	343943	75.345	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.262	180	2346	3.656	ug/l	98
95) Naphthalene	15.509	128	11273	5.331	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.697	180	2649	3.490	ug/l	96

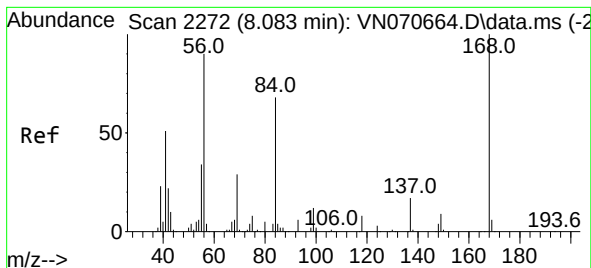
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070718.D

Acq: 20 Jan 2022 14:21

Instrument :

MSVOA_N

ClientSampleId :

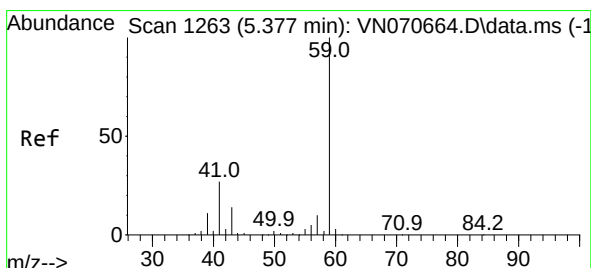
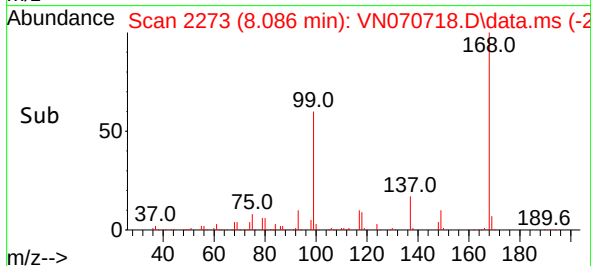
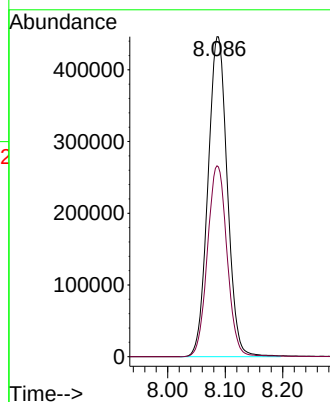
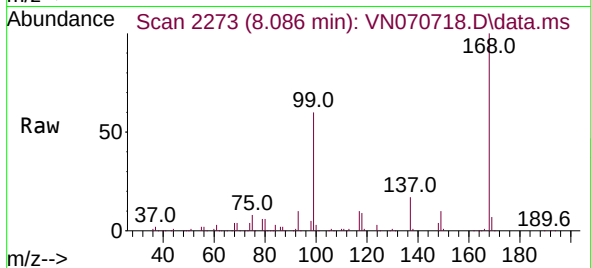
IBLK

Tgt Ion:168 Resp: 1043351

Ion Ratio Lower Upper

168 100

99 59.6 41.3 61.9



#11

Tert butyl alcohol

Concen: 1.461 ug/l

RT: 5.326 min Scan# 1244

Delta R.T. -0.051 min

Lab File: VN070718.D

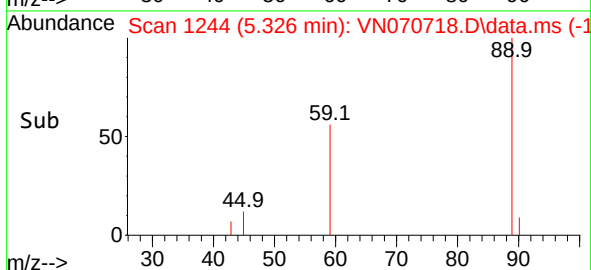
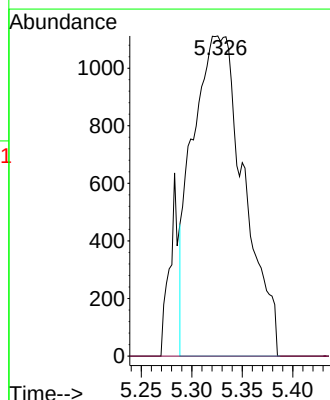
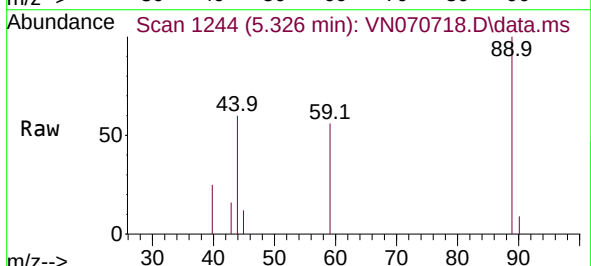
Acq: 20 Jan 2022 14:21

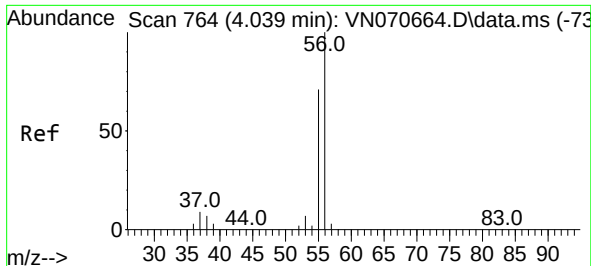
Tgt Ion: 59 Resp: 3942

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#

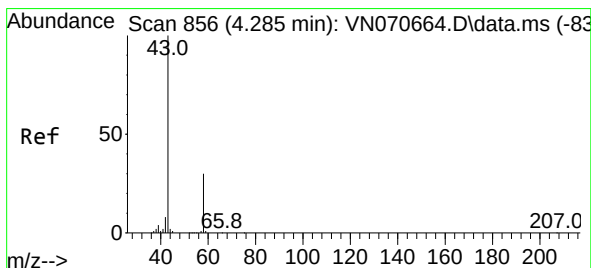
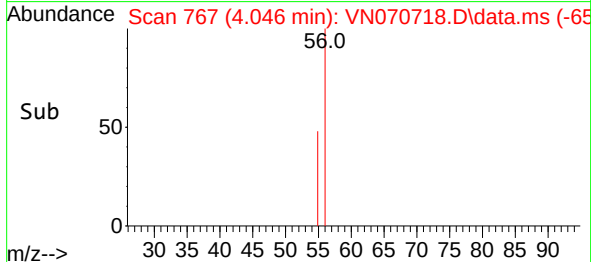
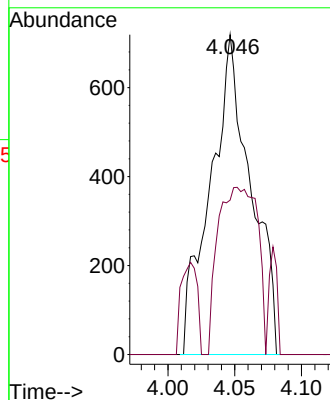
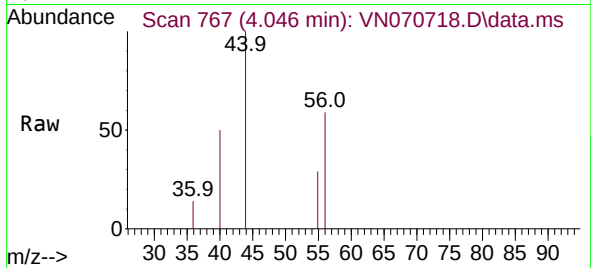




#13
Acrolein
Concen: 0.391 ug/l
RT: 4.046 min Scan# 764
Delta R.T. 0.007 min
Lab File: VN070718.D
Acq: 20 Jan 2022 14:21

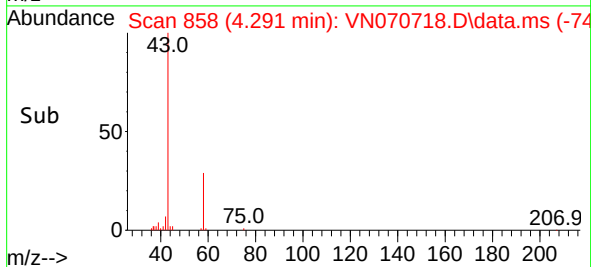
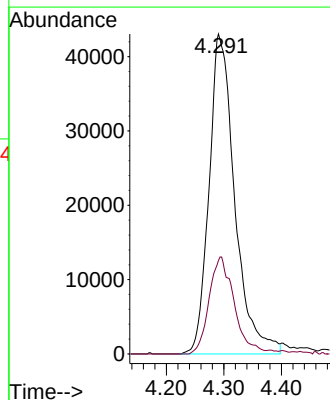
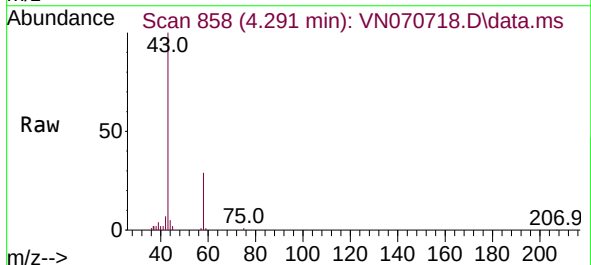
Instrument :
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ClientSampleId :
IBLK

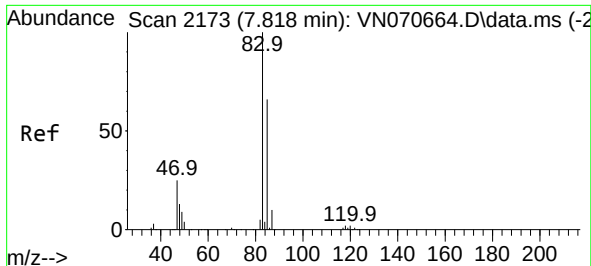
Tgt Ion: 56 Resp: 1514
Ion Ratio Lower Upper
56 100
55 50.9 56.6 85.0#



#16
Acetone
Concen: 12.887 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.006 min
Lab File: VN070718.D
Acq: 20 Jan 2022 14:21

Tgt Ion: 43 Resp: 133745
Ion Ratio Lower Upper
43 100
58 29.2 23.1 34.7





#30

Chloroform

Concen: Below Cal

RT: 7.820 min Scan# 2173

Delta R.T. 0.002 min

Lab File: VN070718.D

Acq: 20 Jan 2022 14:21

Instrument :

MSVOA_N

ClientSampleId :

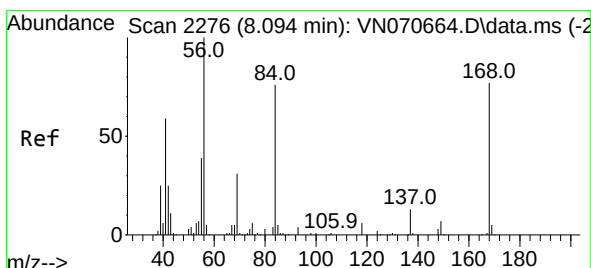
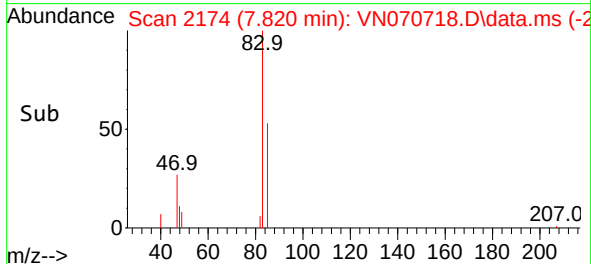
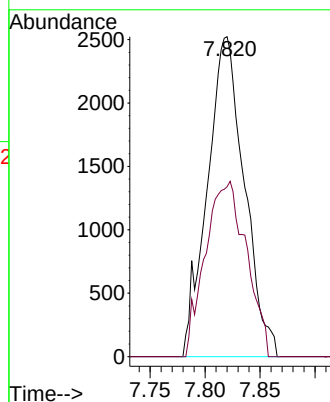
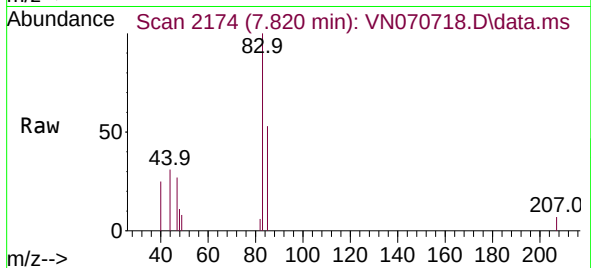
IBLK

Tgt Ion: 83 Resp: 5898

Ion Ratio Lower Upper

83 100

85 53.1 51.9 77.9



#31

Cyclohexane

Concen: 0.881 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. -0.006 min

Lab File: VN070718.D

Acq: 20 Jan 2022 14:21

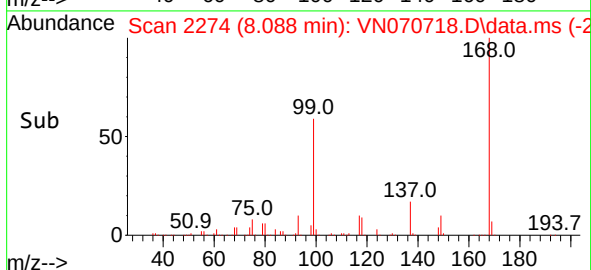
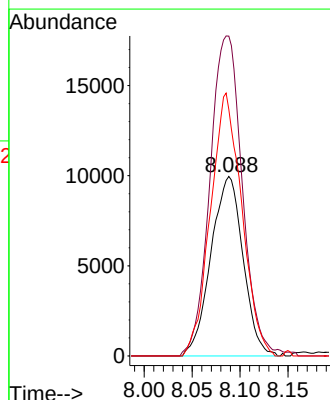
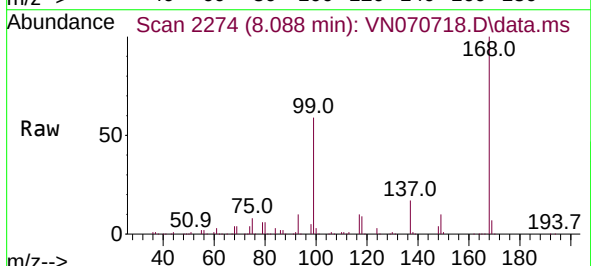
Tgt Ion: 56 Resp: 23187

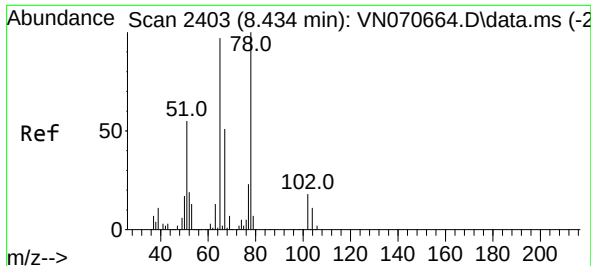
Ion Ratio Lower Upper

56 100

69 178.2 27.1 40.7#

84 137.3 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 46.829 ug/l

RT: 8.437 min Scan# 2403

Delta R.T. 0.003 min

Lab File: VN070718.D

Acq: 20 Jan 2022 14:21

Instrument :

MSVOA_N

ClientSampleId :

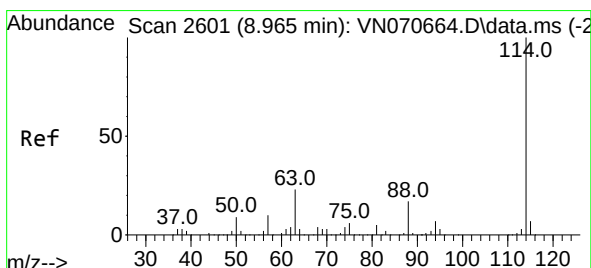
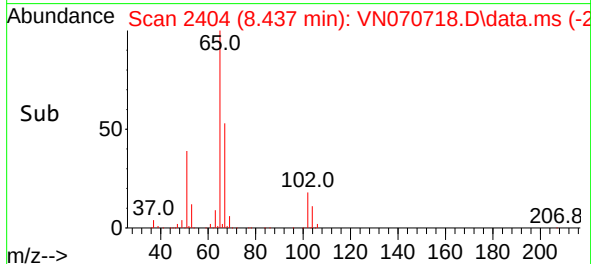
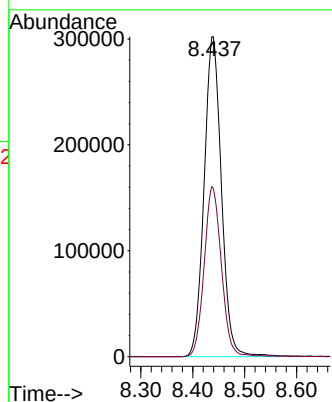
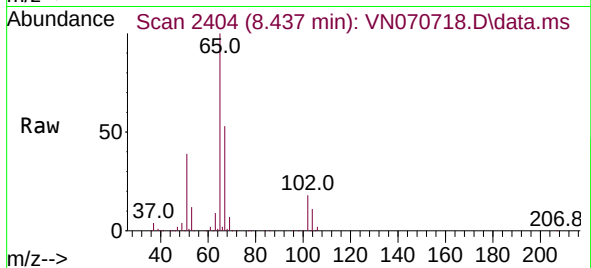
IBLK

Tgt Ion: 65 Resp: 700226

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.003 min

Lab File: VN070718.D

Acq: 20 Jan 2022 14:21

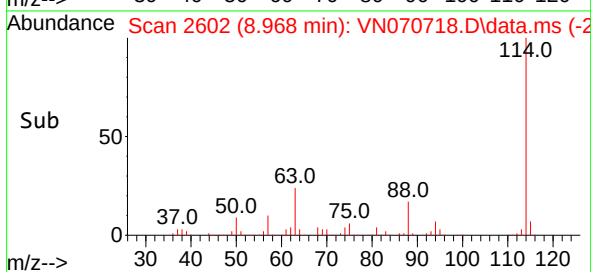
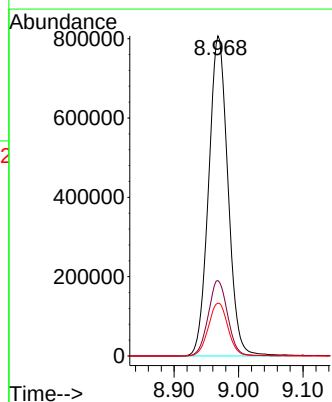
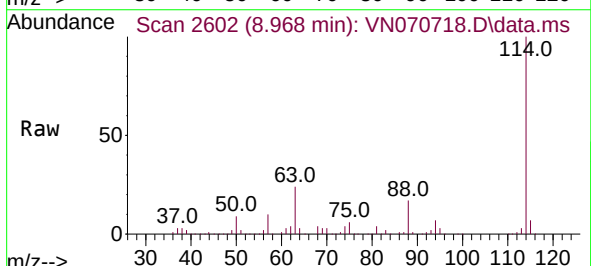
Tgt Ion: 114 Resp: 1675629

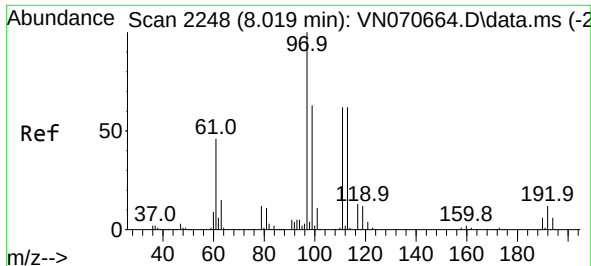
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

88 16.5 0.0 27.4

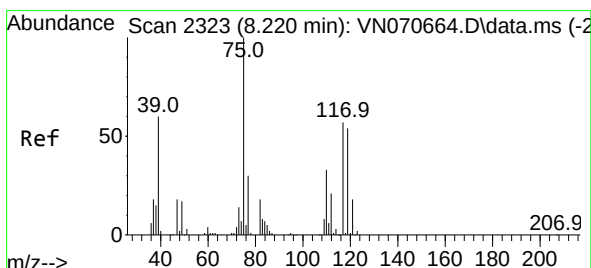
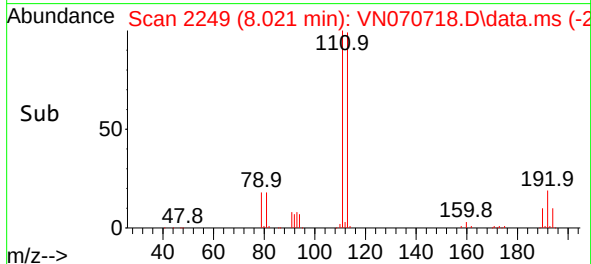
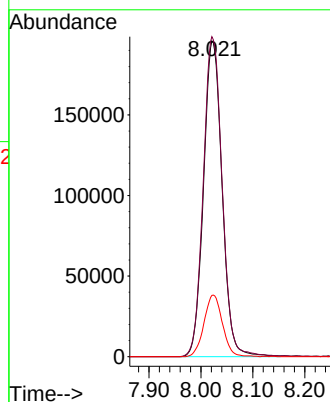
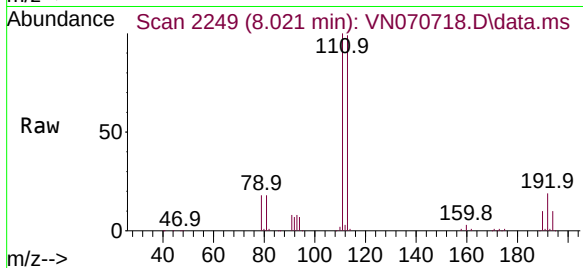




#35
Dibromofluoromethane
Concen: 46.904 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070718.D
Acq: 20 Jan 2022 14:21

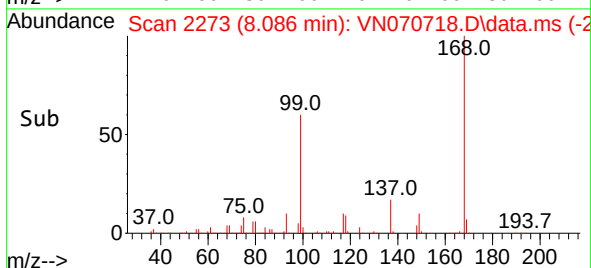
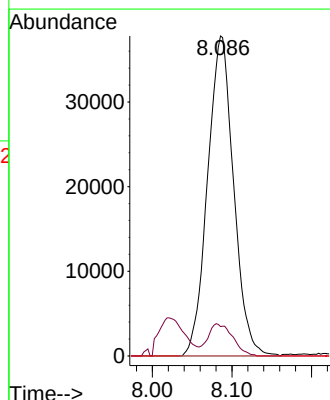
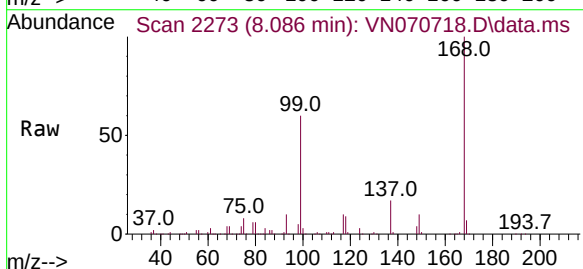
Instrument :
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IBLK

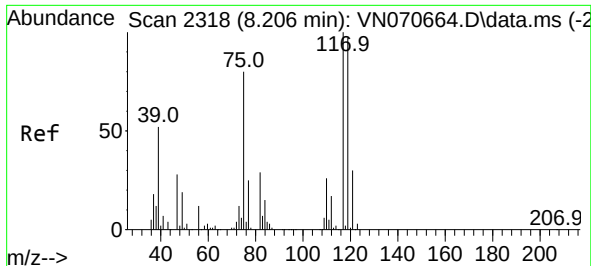
Tgt Ion:113 Resp: 487515
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.914 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.134 min
Lab File: VN070718.D
Acq: 20 Jan 2022 14:21

Tgt Ion: 75 Resp: 85993
Ion Ratio Lower Upper
75 100
110 9.7 18.4 55.2#
77 0.0 24.4 36.6#

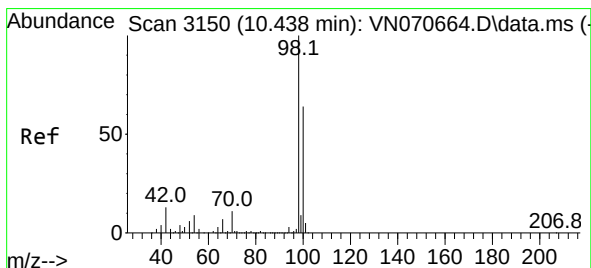
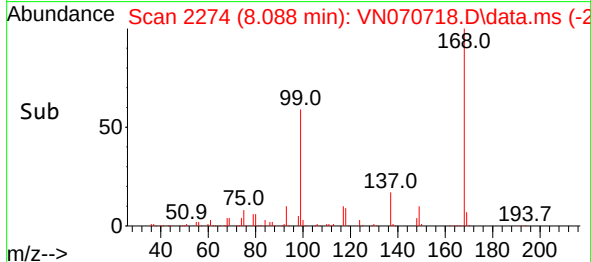
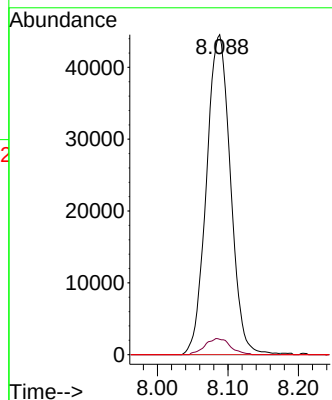
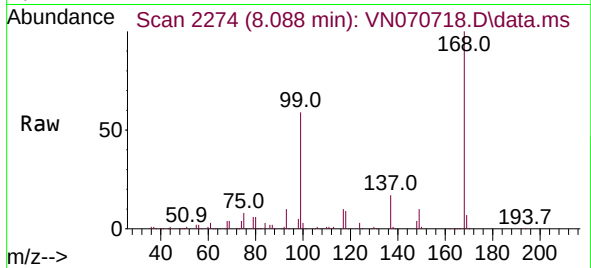




#38
Carbon Tetrachloride
Concen: 6.760 ug/l
RT: 8.088 min Scan# 211
Delta R.T. -0.118 min
Lab File: VN070718.D
Acq: 20 Jan 2022 14:21

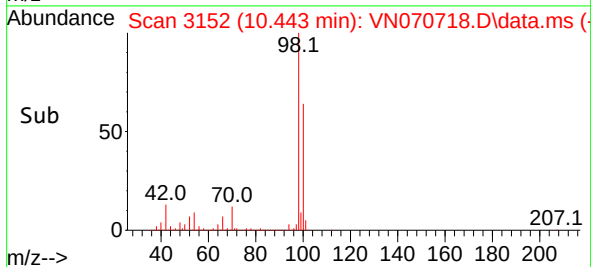
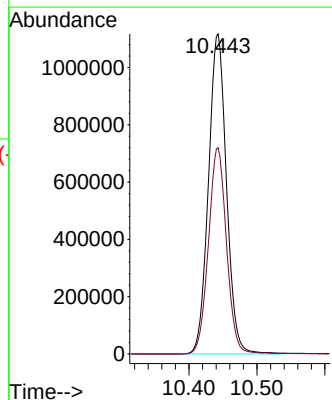
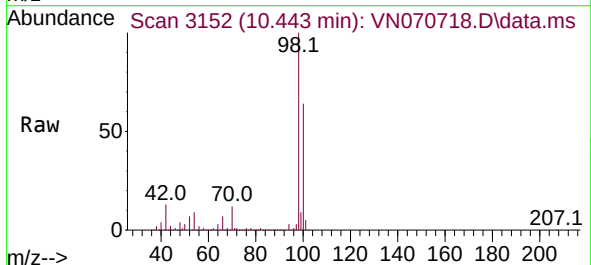
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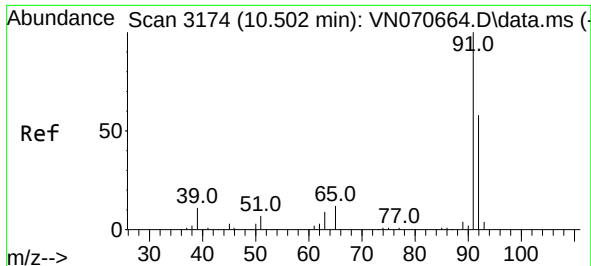
Tgt Ion:117 Resp: 105222
Ion Ratio Lower Upper
117 100
119 4.8 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.071 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.005 min
Lab File: VN070718.D
Acq: 20 Jan 2022 14:21

Tgt Ion: 98 Resp: 2061105
Ion Ratio Lower Upper
98 100
100 64.7 50.4 75.6

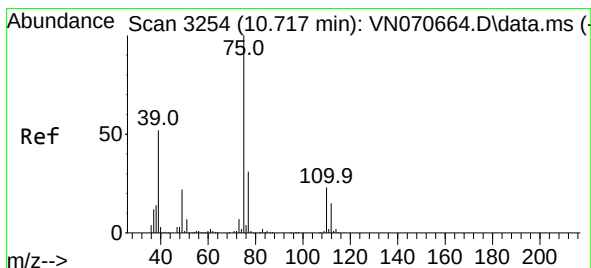
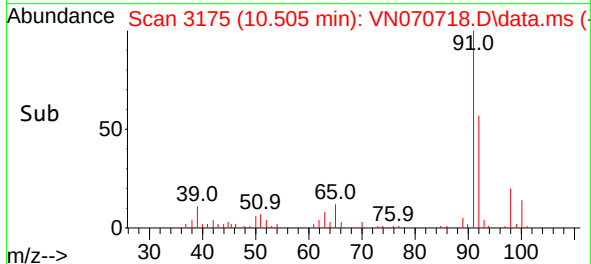
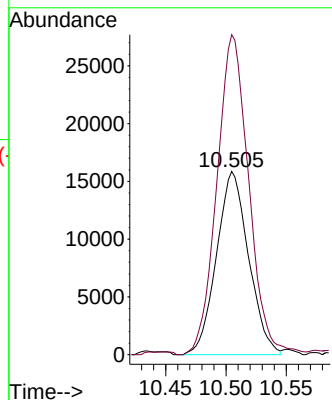
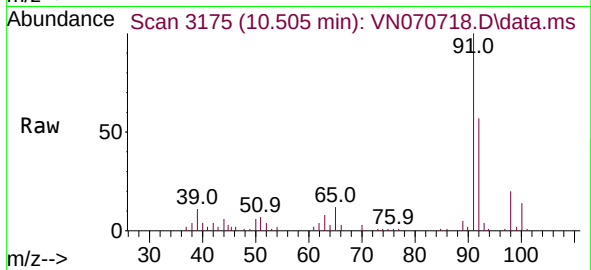




#52
Toluene
Concen: 0.905 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. 0.003 min
Lab File: VN070718.D
Acq: 20 Jan 2022 14:21

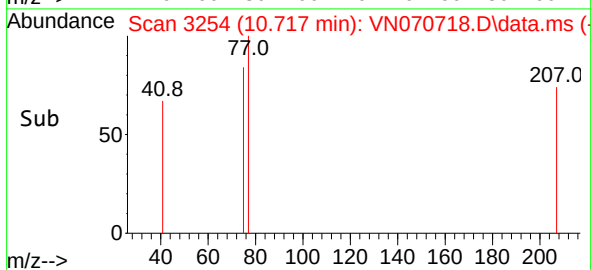
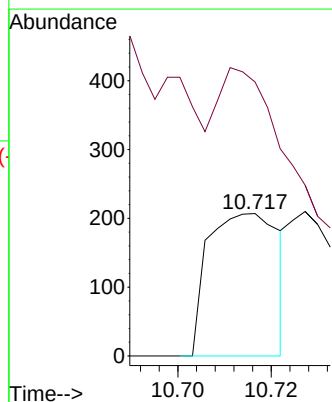
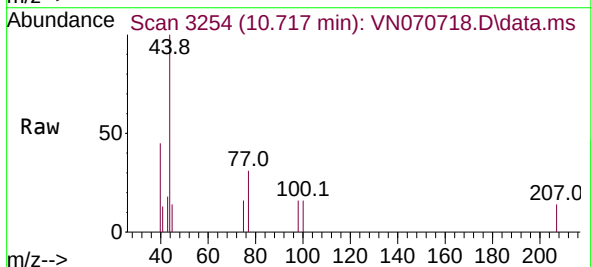
Instrument :
MSVOA_N
ClientSampleId :
IBLK

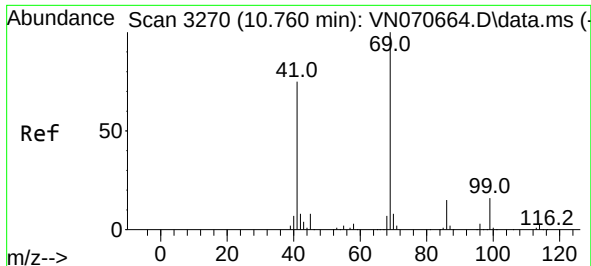
Tgt Ion: 92 Resp: 29341
Ion Ratio Lower Upper
92 100
91 173.6 142.0 213.0



#53
t-1,3-Dichloropropene
Concen: 2.413 ug/l
RT: 10.717 min Scan# 3254
Delta R.T. -0.000 min
Lab File: VN070718.D
Acq: 20 Jan 2022 14:21

Tgt Ion: 75 Resp: 215
Ion Ratio Lower Upper
75 100
77 46.9 25.6 38.4#

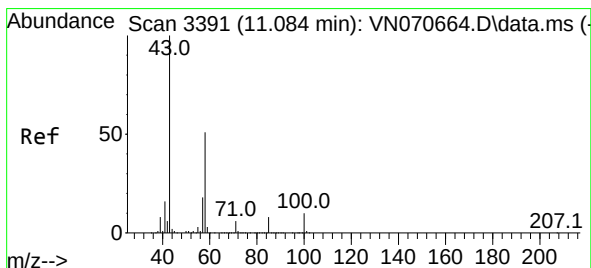
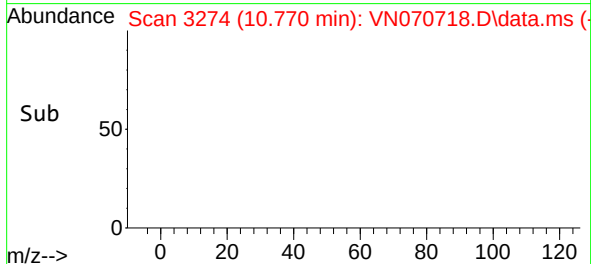
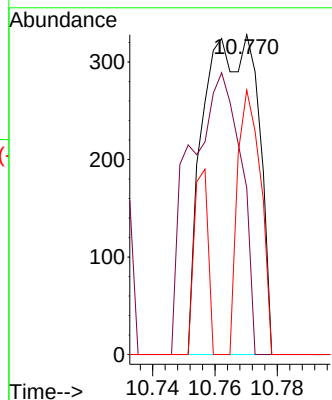
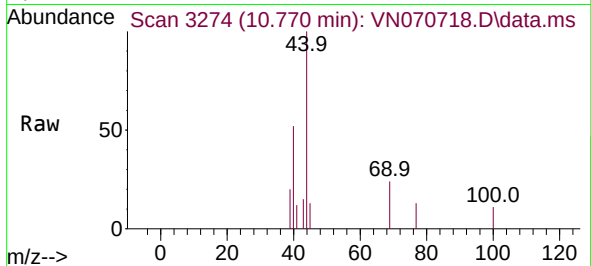




#56
Ethyl methacrylate
Concen: 2.317 ug/l
RT: 10.770 min Scan# 31
Delta R.T. 0.010 min
Lab File: VN070718.D
Acq: 20 Jan 2022 14:21

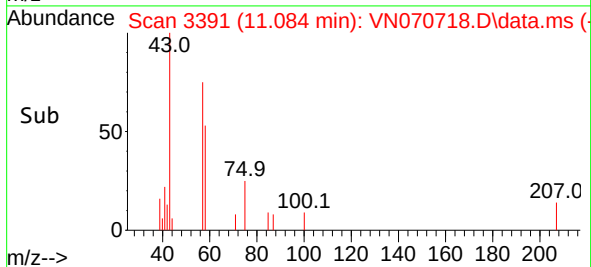
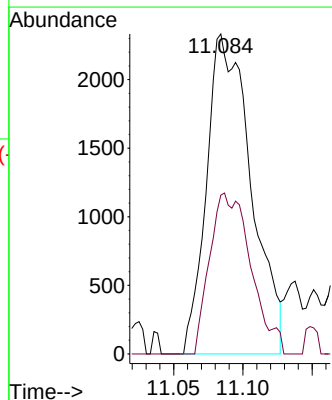
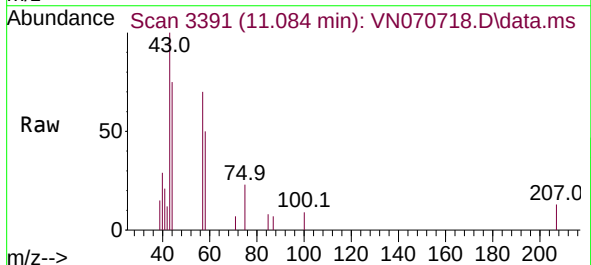
Instrument :
MSVOA_N
ClientSampleId :
IBLK

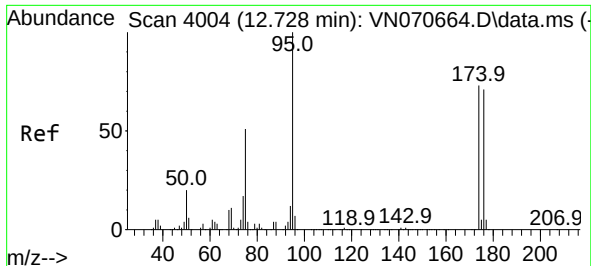
Tgt Ion: 69 Resp: 398
Ion Ratio Lower Upper
69 100
41 82.4 51.4 77.0#
39 0.0 34.6 52.0#



#59
2-Hexanone
Concen: 0.317 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. -0.000 min
Lab File: VN070718.D
Acq: 20 Jan 2022 14:21

Tgt Ion: 43 Resp: 5206
Ion Ratio Lower Upper
43 100
58 46.5 26.9 80.7

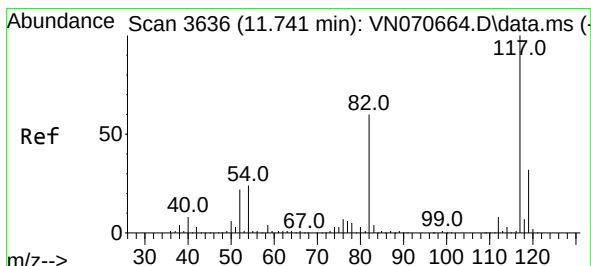
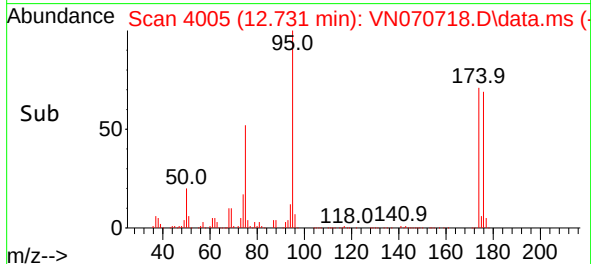
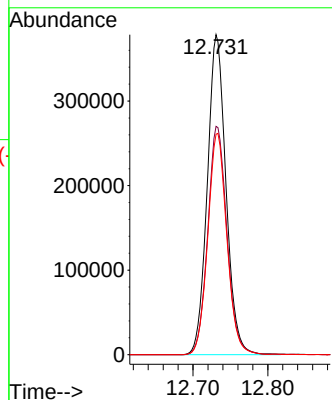
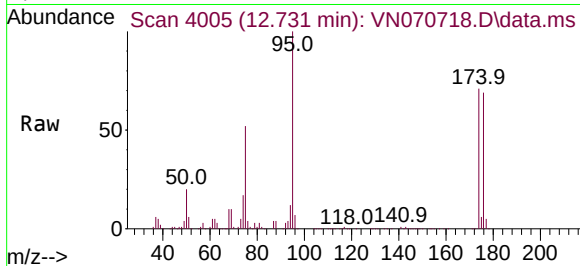




#62
4-Bromofluorobenzene
Concen: 42.133 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070718.D
Acq: 20 Jan 2022 14:21

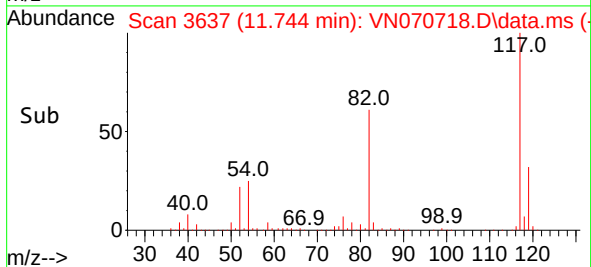
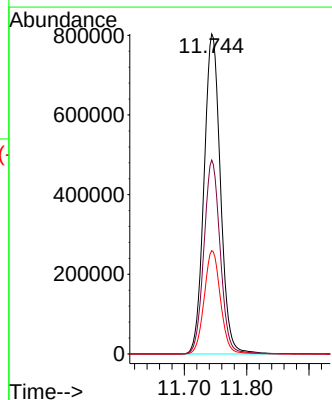
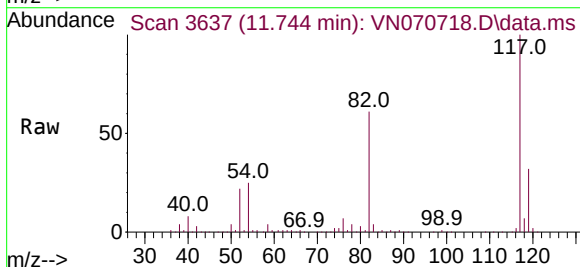
Instrument :
MSVOA_N
ClientSampleId :
IBLK

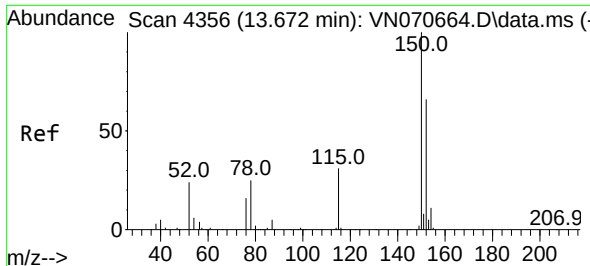
Tgt Ion: 95 Resp: 657419
Ion Ratio Lower Upper
95 100
174 73.5 0.0 187.2
176 70.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070718.D
Acq: 20 Jan 2022 14:21

Tgt Ion: 117 Resp: 1470752
Ion Ratio Lower Upper
117 100
82 60.6 42.4 63.6
119 32.3 25.4 38.2

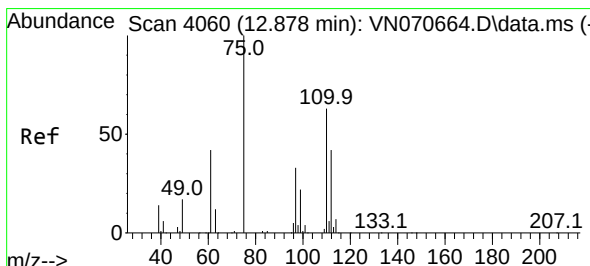
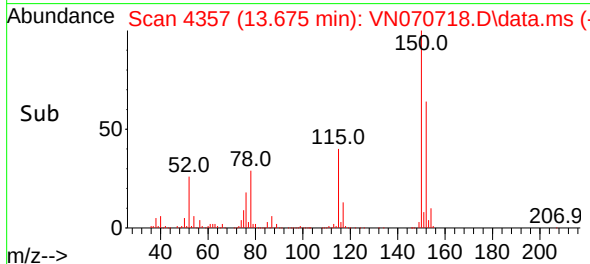
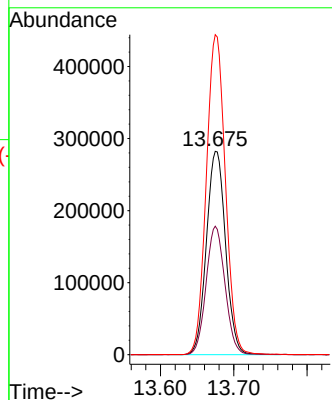
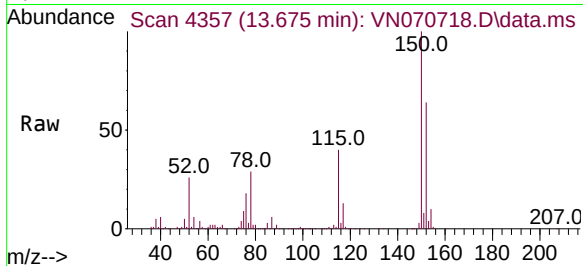




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070718.D
Acq: 20 Jan 2022 14:21

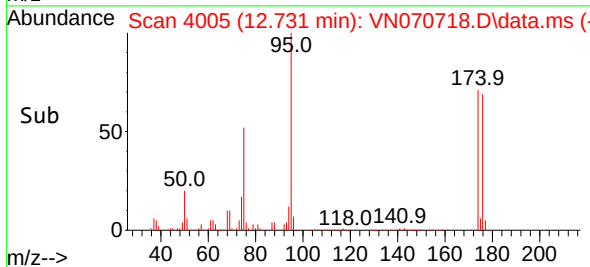
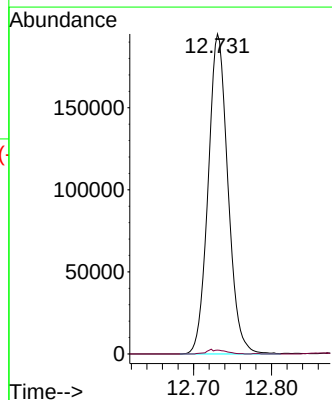
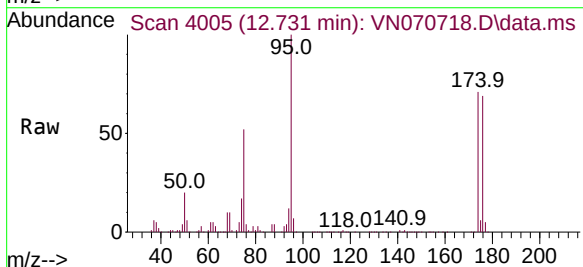
Instrument :
MSVOA_N
ClientSampleId :
IBLK

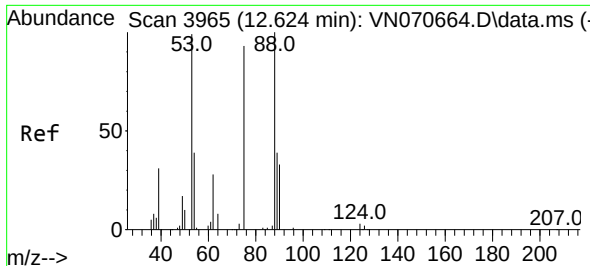
Tgt Ion:152 Resp: 512753
Ion Ratio Lower Upper
152 100
115 62.1 27.5 82.5
150 156.1 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 25.291 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070718.D
Acq: 20 Jan 2022 14:21

Tgt Ion: 75 Resp: 343943
Ion Ratio Lower Upper
75 100
77 0.6 82.6 247.8#

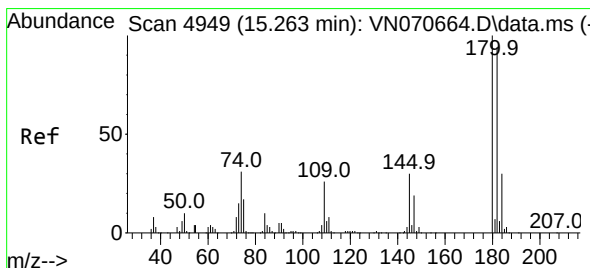
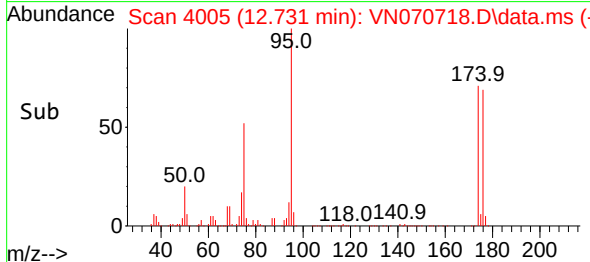
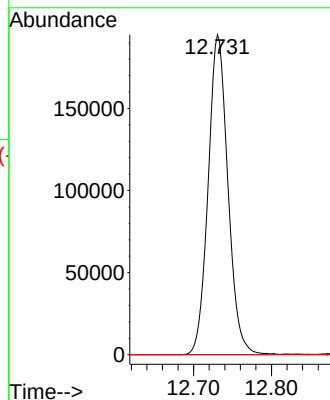
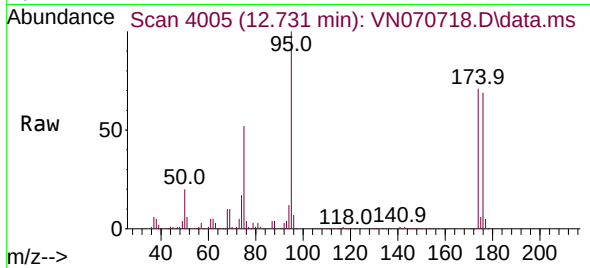




#81
trans-1,4-Dichloro-2-butene
Concen: 75.345 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070718.D
Acq: 20 Jan 2022 14:21

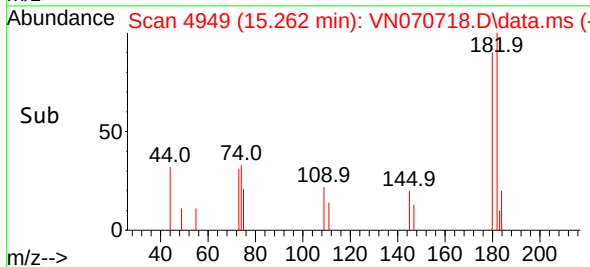
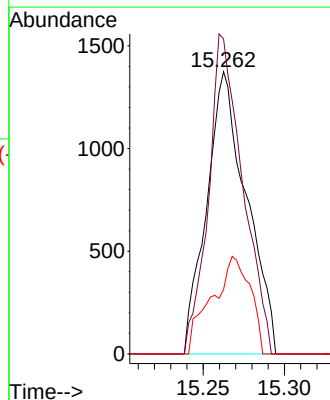
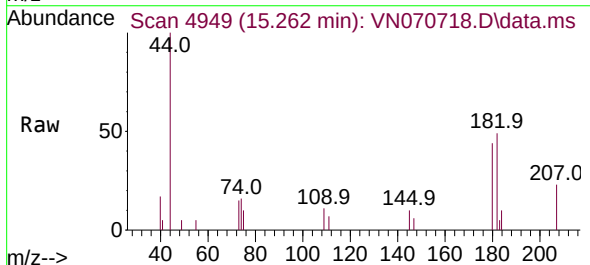
Instrument :
MSVOA_N
ClientSampleId :
IBLK

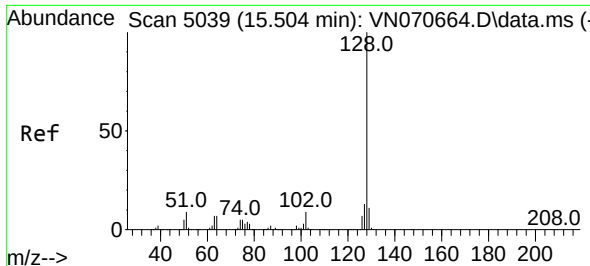
Tgt Ion: 75 Resp: 343943
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 3.656 ug/l
RT: 15.262 min Scan# 4949
Delta R.T. -0.001 min
Lab File: VN070718.D
Acq: 20 Jan 2022 14:21

Tgt Ion: 180 Resp: 2346
Ion Ratio Lower Upper
180 100
182 97.1 48.3 144.9
145 33.2 14.5 43.5

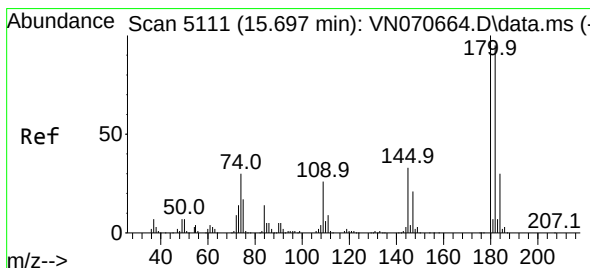
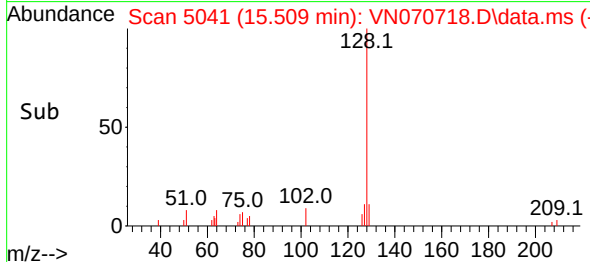
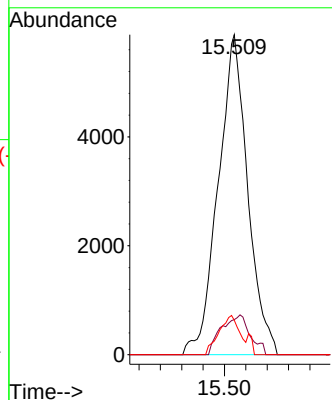
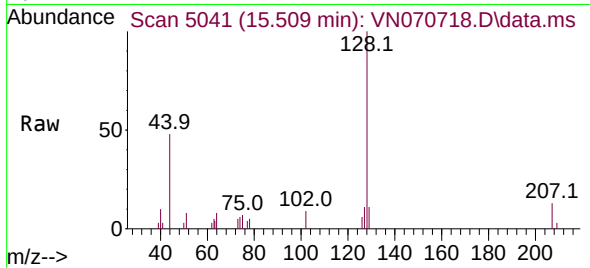




#95
Naphthalene
Concen: 5.331 ug/l
RT: 15.509 min Scan# 5039
Delta R.T. 0.005 min
Lab File: VN070718.D
Acq: 20 Jan 2022 14:21

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 11273
Ion Ratio Lower Upper
128 100
127 12.1 10.5 15.7
129 8.6 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 3.490 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.000 min
Lab File: VN070718.D
Acq: 20 Jan 2022 14:21

Tgt Ion:180 Resp: 2649
Ion Ratio Lower Upper
180 100
182 97.0 47.4 142.2
145 24.2 15.0 45.1

