

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072022\
 Data File : VN073537.D
 Acq On : 20 Jul 2022 21:24
 Operator : JC\MD
 Sample : N3779-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 070622-C

Quant Time: Jul 21 08:27:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

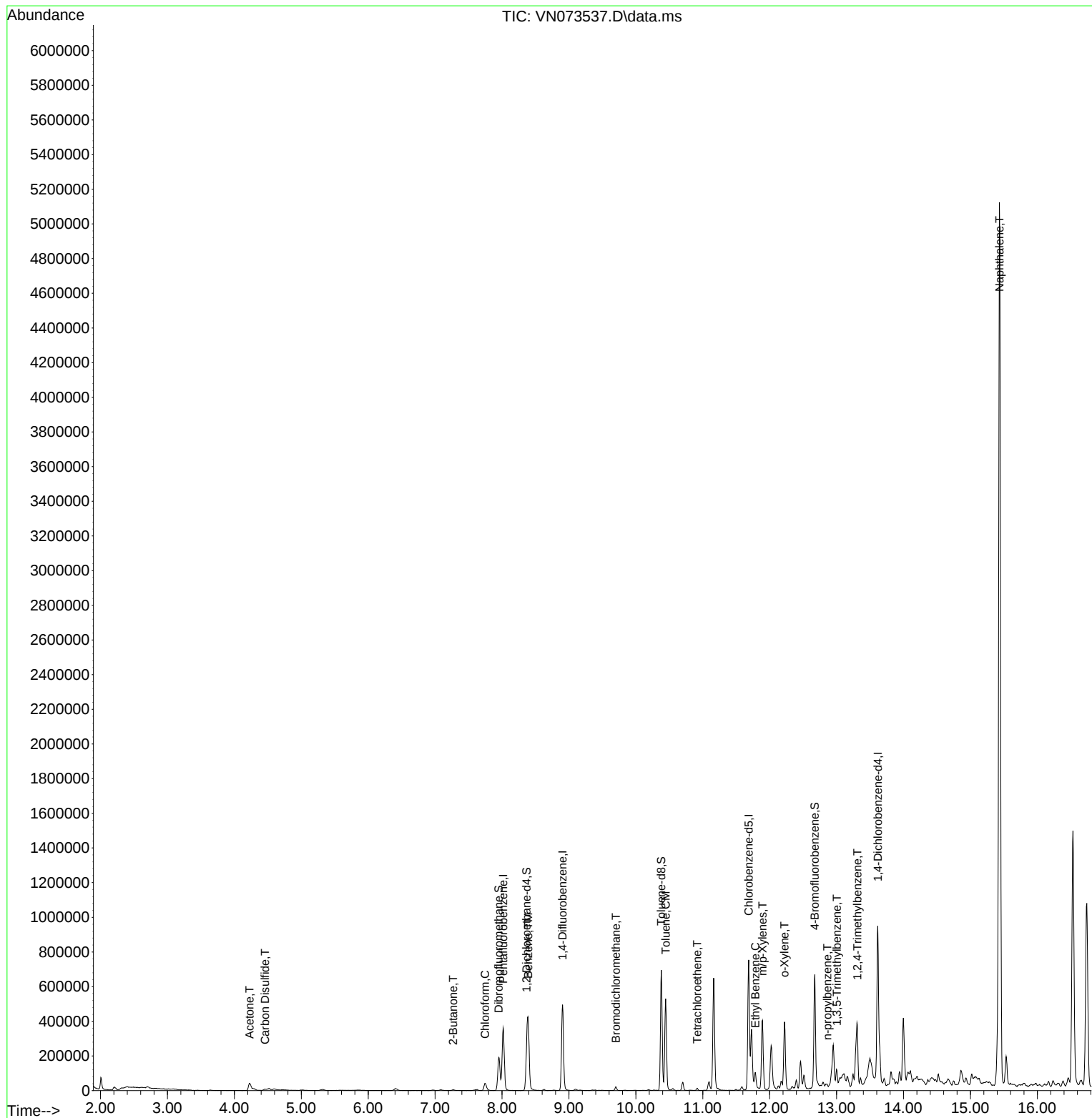
Internal Standards						
1) Pentafluorobenzene	8.016	168	270945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	430942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	419428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	233606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	164549	42.069	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.140%		
35) Dibromofluoromethane	7.951	113	139695	48.723	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.440%		
50) Toluene-d8	10.381	98	467049	45.865	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.740%		
62) 4-Bromofluorobenzene	12.675	95	208308	53.231	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.460%		
Target Compounds					Qvalue	
16) Acetone	4.228	43	79881	36.383	ug/l	96
17) Carbon Disulfide	4.457	76	17746	2.146	ug/l #	91
25) 2-Butanone	7.269	43	8682	2.484	ug/l #	86
30) Chloroform	7.745	83	42058	6.436	ug/l	96
40) Benzene	8.392	78	334486	24.567	ug/l	99
47) Bromodichloromethane	9.704	83	14580	3.195	ug/l	97
52) Toluene	10.445	92	209253	24.869	ug/l	100
64) Tetrachloroethene	10.916	164	2634	0.769	ug/l #	83
67) Ethyl Benzene	11.786	91	57048	3.313	ug/l	92
68) m/p-Xylenes	11.892	106	128081	19.707	ug/l	99
69) o-Xylene	12.222	106	94362	14.222	ug/l	94
78) n-propylbenzene	12.863	91	13054	0.582	ug/l	98
80) 1,3,5-Trimethylbenzene	13.004	105	51490	3.132	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	156159	9.513	ug/l	99
95) Naphthalene	15.433	128	4513392	250.684	ug/l	99

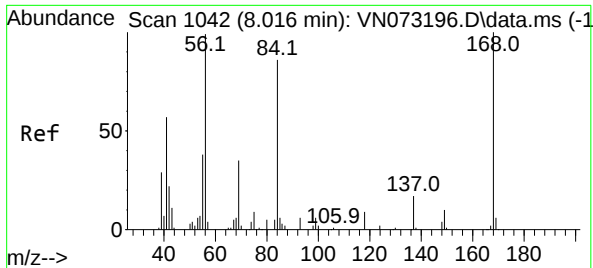
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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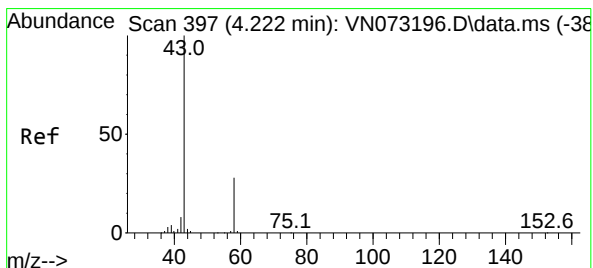
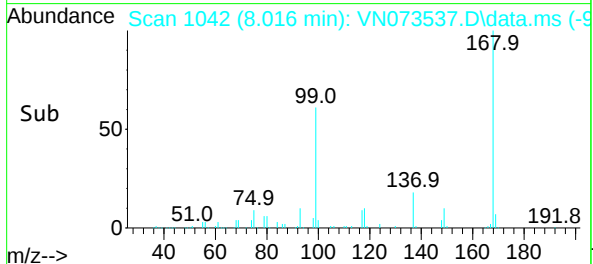
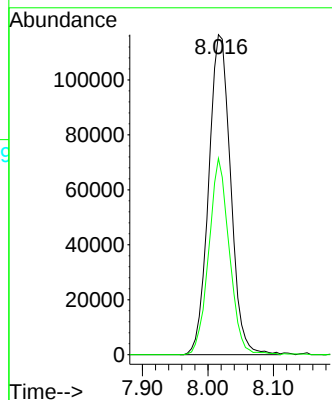
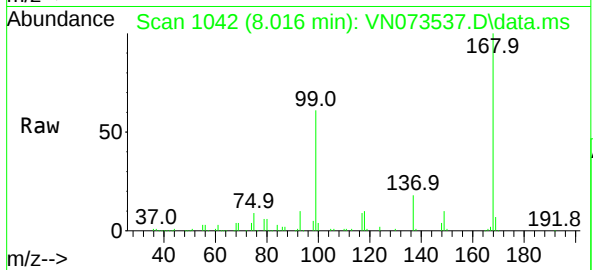




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073537.D
Acq: 20 Jul 2022 21:24

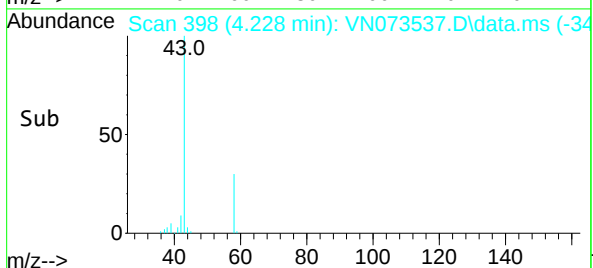
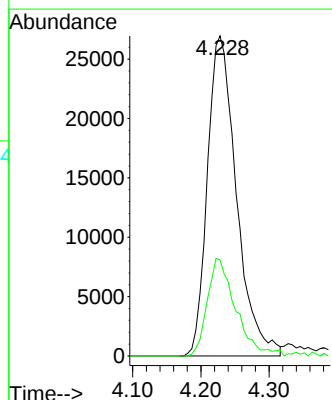
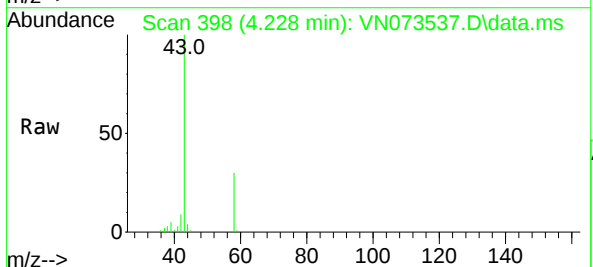
Instrument :
MSVOA_N
ClientSampleId :
070622-C

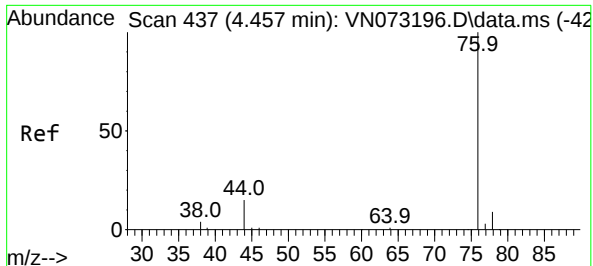
Tgt Ion:168 Resp: 270945
Ion Ratio Lower Upper
168 100
99 61.4 42.3 63.5



#16
Acetone
Concen: 36.383 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073537.D
Acq: 20 Jul 2022 21:24

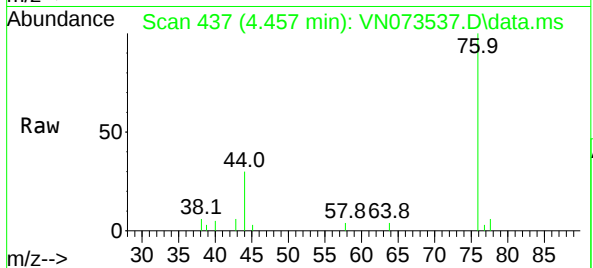
Tgt Ion: 43 Resp: 79881
Ion Ratio Lower Upper
43 100
58 30.0 26.0 39.0



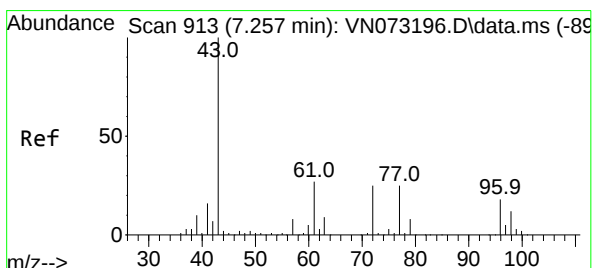
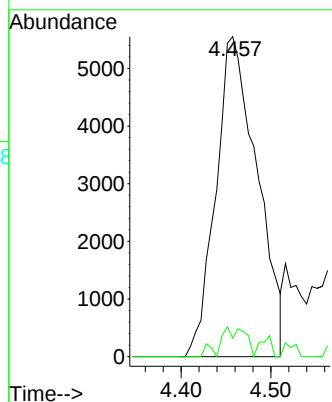
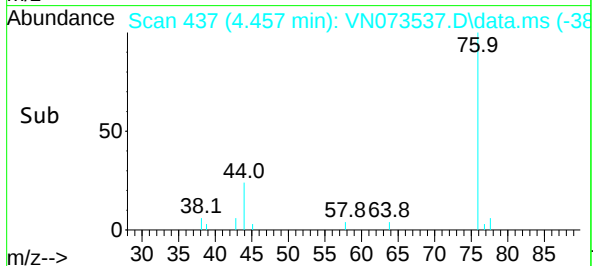


#17
Carbon Disulfide
Concen: 2.146 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073537.D
Acq: 20 Jul 2022 21:24

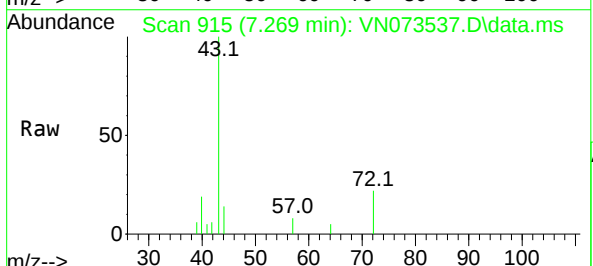
Instrument :
MSVOA_N
ClientSampleId :
070622-C



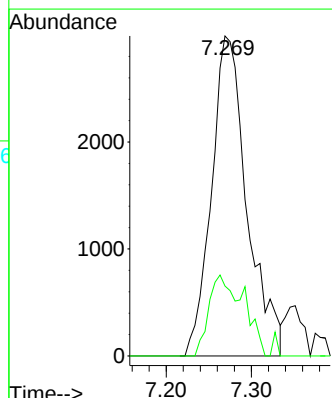
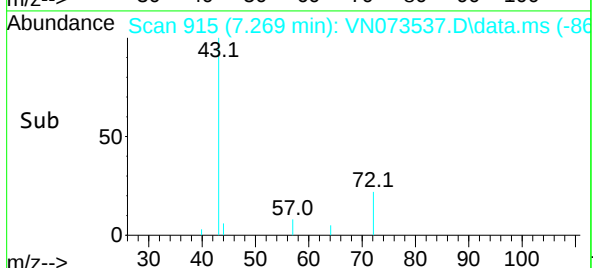
Tgt Ion: 76 Resp: 17746
Ion Ratio Lower Upper
76 100
78 5.8 7.2 10.8#

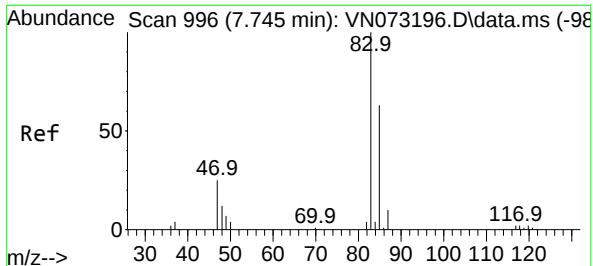


#25
2-Butanone
Concen: 2.484 ug/l
RT: 7.269 min Scan# 915
Delta R.T. 0.012 min
Lab File: VN073537.D
Acq: 20 Jul 2022 21:24



Tgt Ion: 43 Resp: 8682
Ion Ratio Lower Upper
43 100
72 21.9 23.7 35.5#

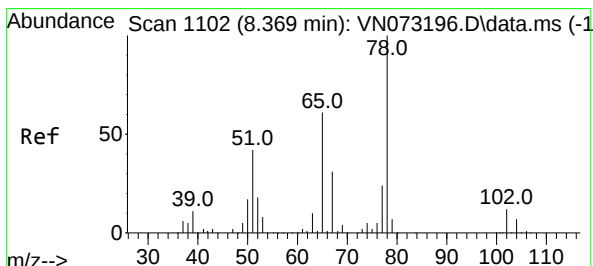
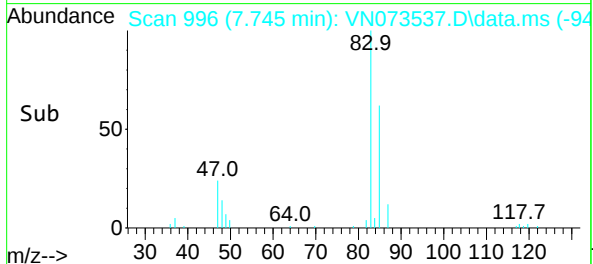
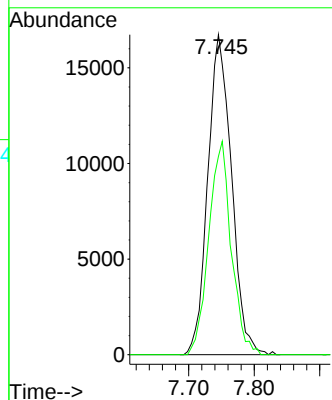
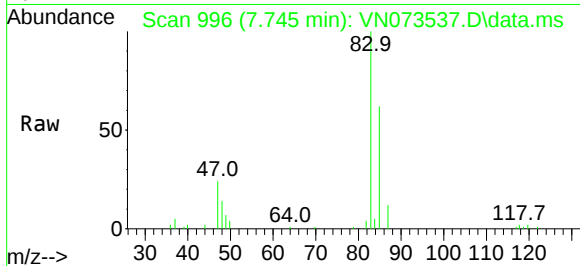




#30
Chloroform
Concen: 6.436 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073537.D
Acq: 20 Jul 2022 21:24

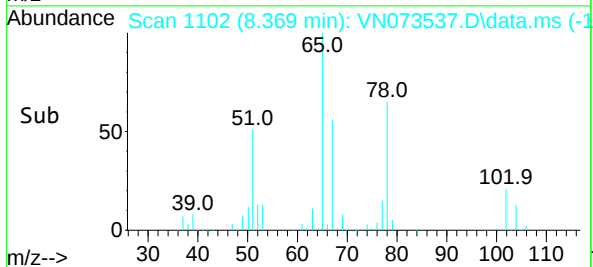
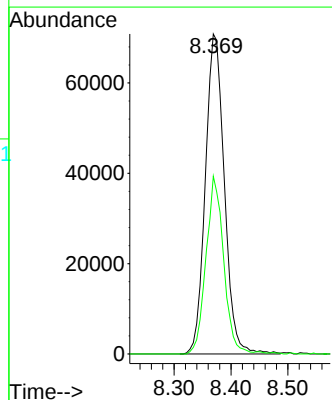
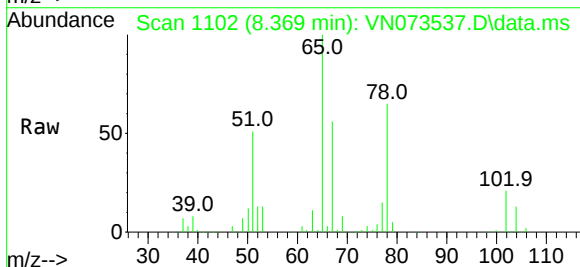
Instrument :
MSVOA_N
ClientSampleId :
070622-C

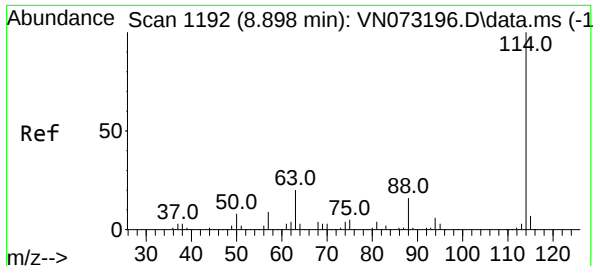
Tgt Ion: 83 Resp: 42058
Ion Ratio Lower Upper
83 100
85 62.0 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 42.069 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073537.D
Acq: 20 Jul 2022 21:24

Tgt Ion: 65 Resp: 164549
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073537.D

Acq: 20 Jul 2022 21:24

Instrument :

MSVOA_N

ClientSampleId :

070622-C

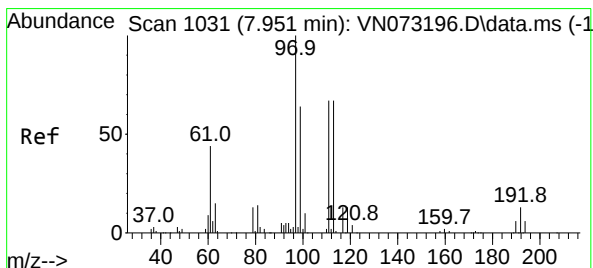
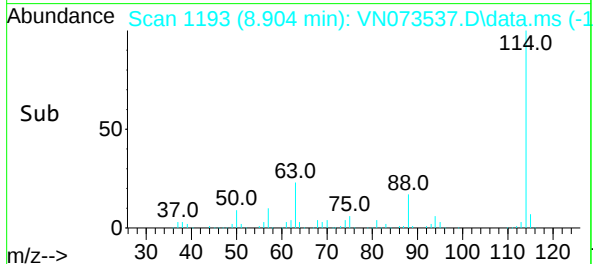
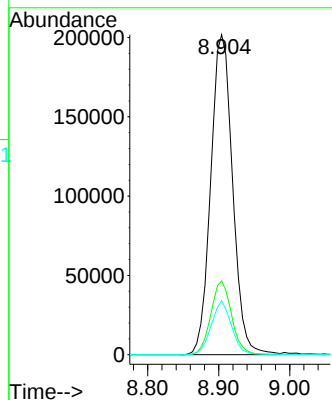
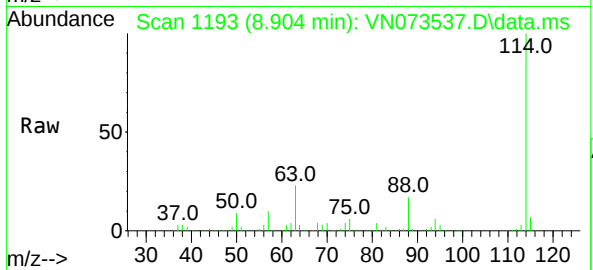
Tgt Ion:114 Resp: 430942

Ion Ratio Lower Upper

114 100

63 23.1 0.0 40.0

88 16.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.723 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073537.D

Acq: 20 Jul 2022 21:24

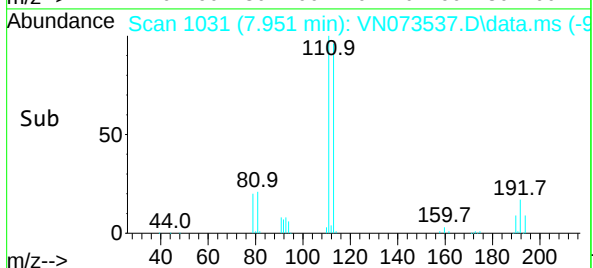
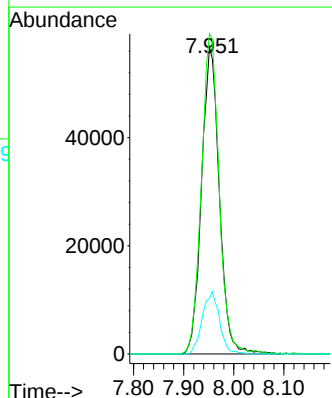
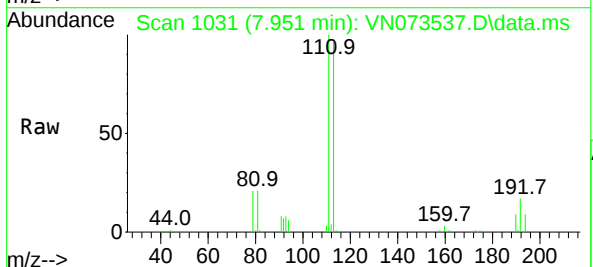
Tgt Ion:113 Resp: 139695

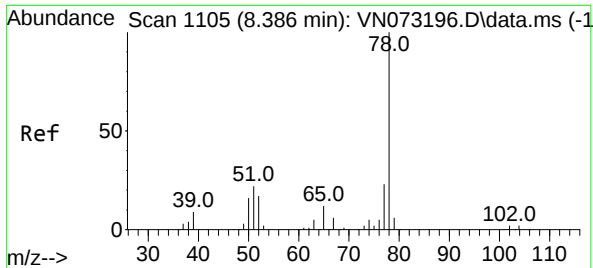
Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 19.6 17.0 25.6

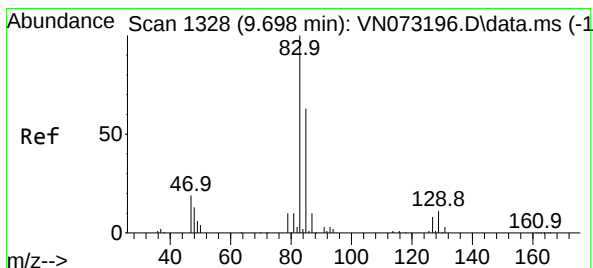
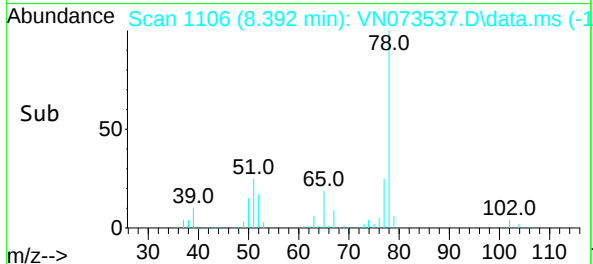
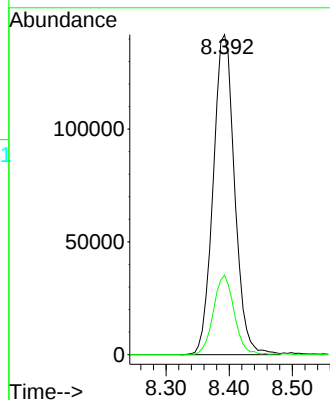
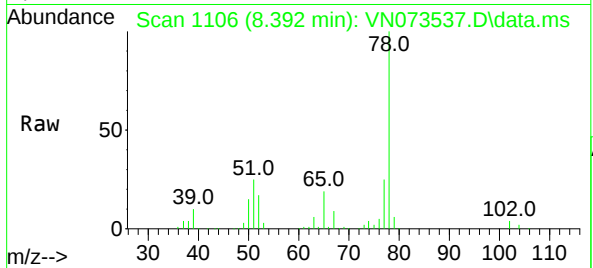




#40
Benzene
Concen: 24.567 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN073537.D
Acq: 20 Jul 2022 21:24

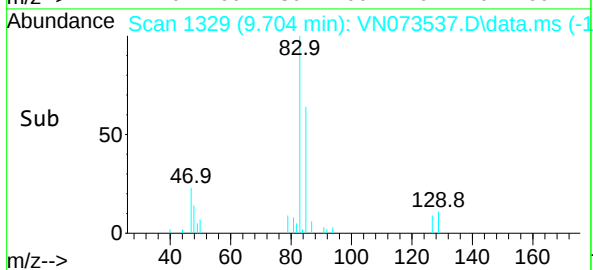
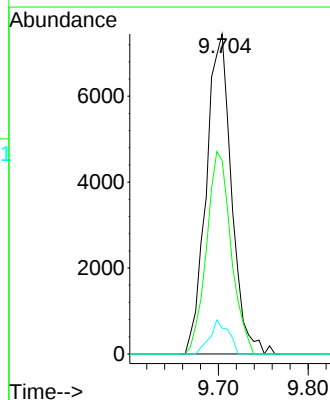
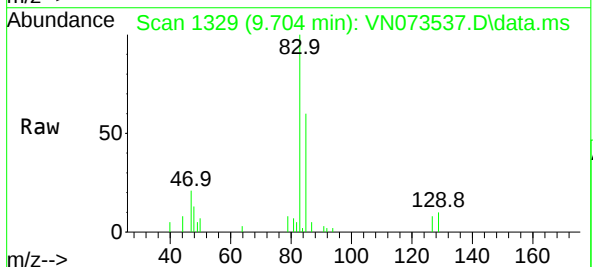
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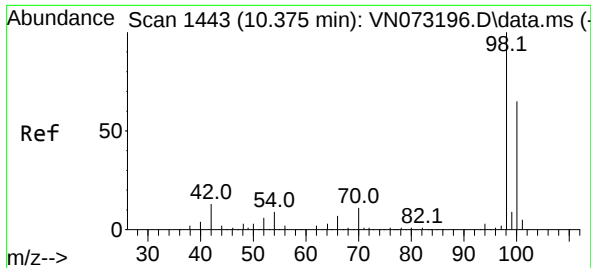
Tgt Ion: 78 Resp: 334486
Ion Ratio Lower Upper
78 100
77 24.9 19.4 29.0



#47
Bromodichloromethane
Concen: 3.195 ug/l
RT: 9.704 min Scan# 1329
Delta R.T. 0.006 min
Lab File: VN073537.D
Acq: 20 Jul 2022 21:24

Tgt Ion: 83 Resp: 14580
Ion Ratio Lower Upper
83 100
85 60.5 50.5 75.7
127 8.1 6.8 10.2

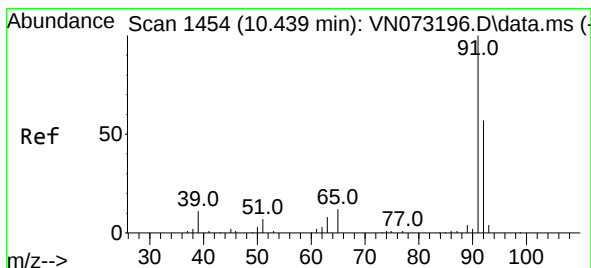
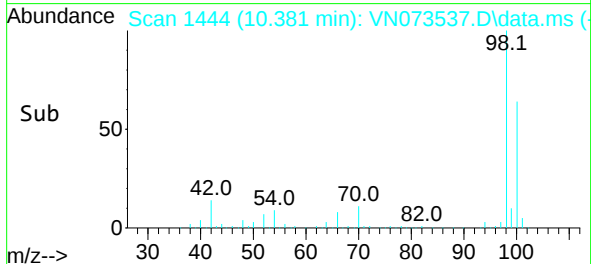
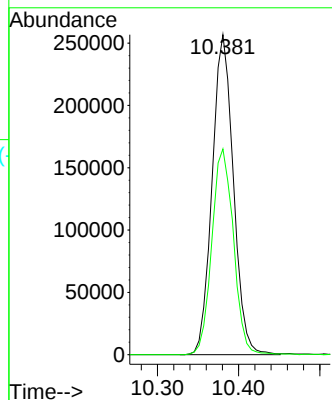
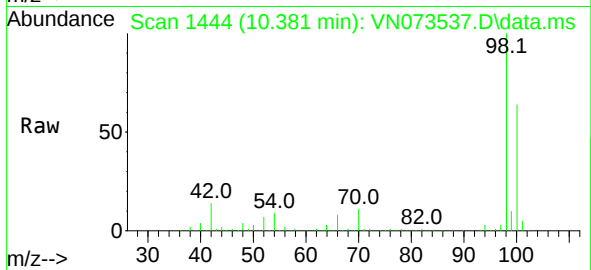




#50
Toluene-d8
Concen: 45.865 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073537.D
Acq: 20 Jul 2022 21:24

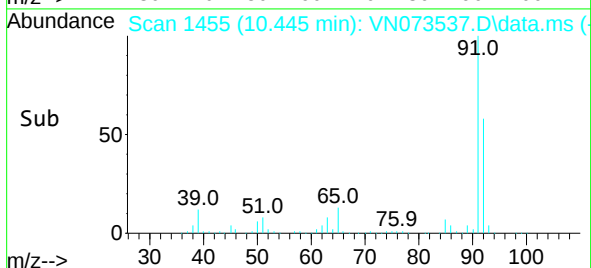
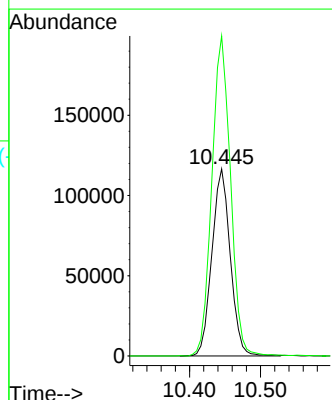
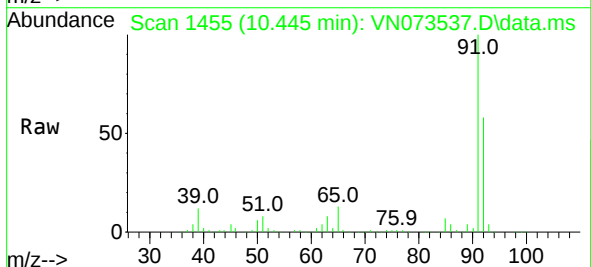
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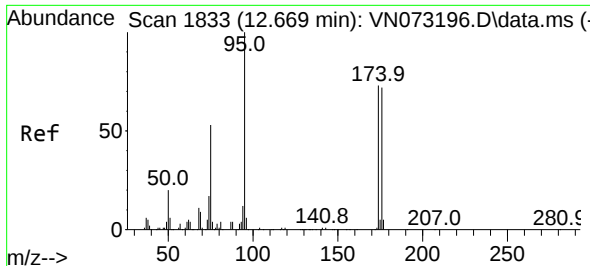
Tgt Ion: 98 Resp: 467049
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#52
Toluene
Concen: 24.869 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073537.D
Acq: 20 Jul 2022 21:24

Tgt Ion: 92 Resp: 209253
Ion Ratio Lower Upper
92 100
91 173.7 138.6 207.8

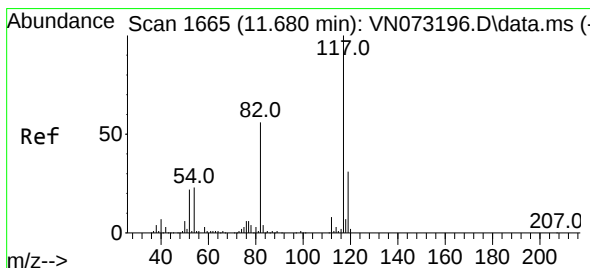
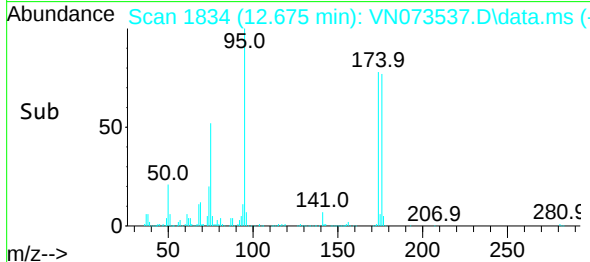
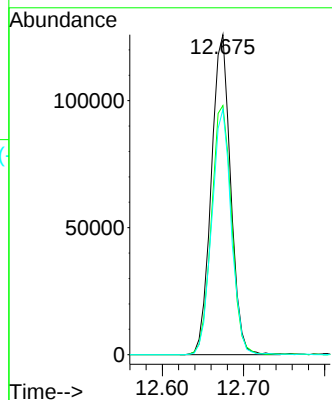
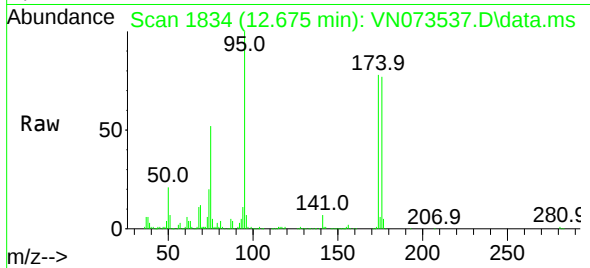




#62
4-Bromofluorobenzene
Concen: 53.231 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN073537.D
Acq: 20 Jul 2022 21:24

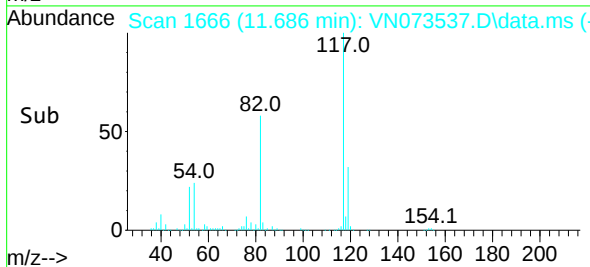
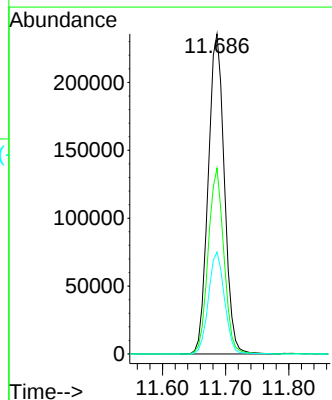
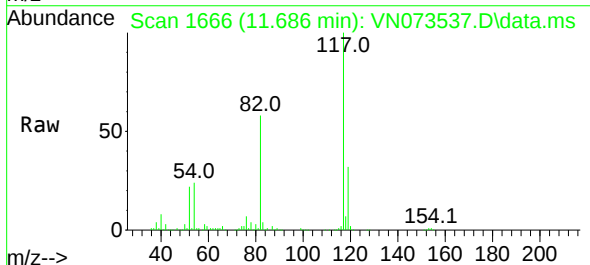
Instrument :
MSVOA_N
ClientSampleId :
070622-C

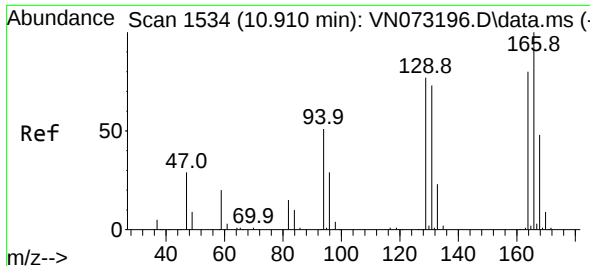
Tgt Ion: 95 Resp: 208308
Ion Ratio Lower Upper
95 100
174 80.9 0.0 167.6
176 76.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073537.D
Acq: 20 Jul 2022 21:24

Tgt Ion: 117 Resp: 419428
Ion Ratio Lower Upper
117 100
82 58.1 44.2 66.2
119 31.9 25.4 38.0



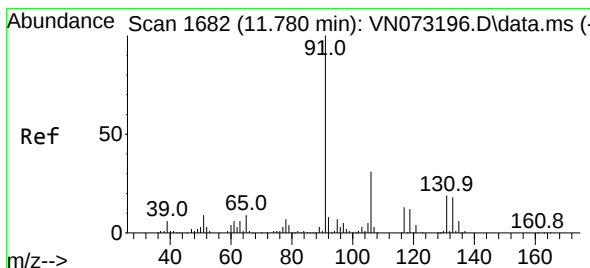
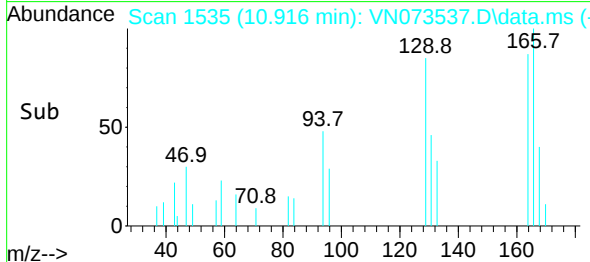
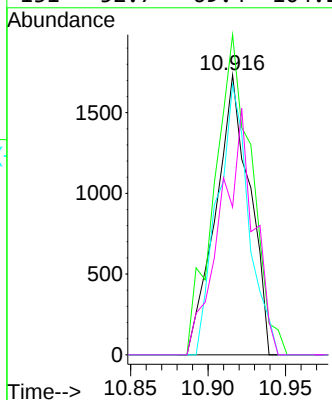
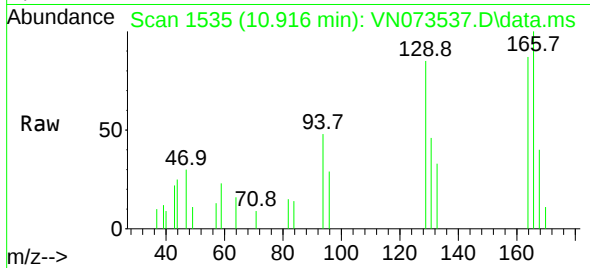


#64
Tetrachloroethene
Concen: 0.769 ug/l
RT: 10.916 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073537.D
Acq: 20 Jul 2022 21:24

Instrument :
MSVOA_N
ClientSampleId :
070622-C

Tgt Ion:164 Resp: 2634

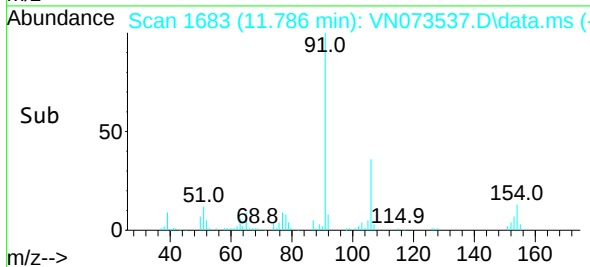
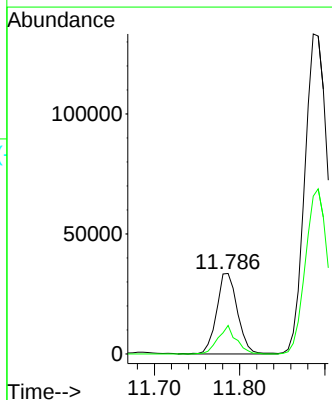
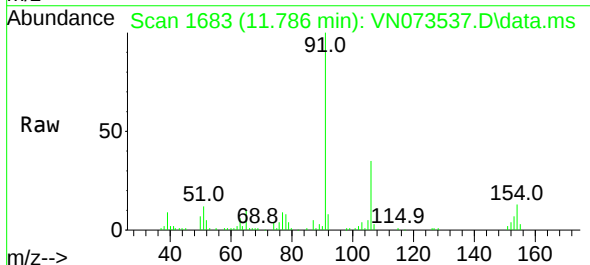
Ion	Ratio	Lower	Upper
164	100		
166	114.4	104.2	156.2
129	96.7	73.9	110.9
131	52.7	69.4	104.2

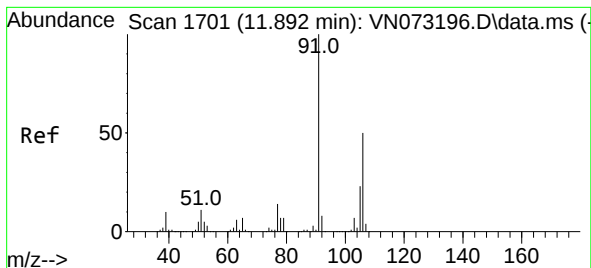


#67
Ethyl Benzene
Concen: 3.313 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN073537.D
Acq: 20 Jul 2022 21:24

Tgt Ion: 91 Resp: 57048

Ion	Ratio	Lower	Upper
91	100		
106	35.5	24.9	37.3

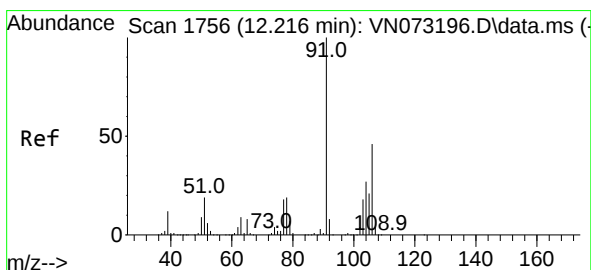
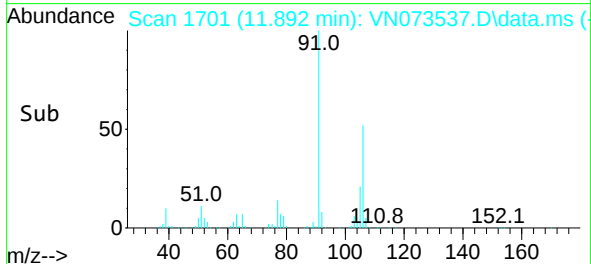
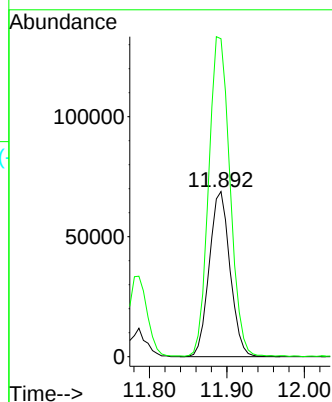
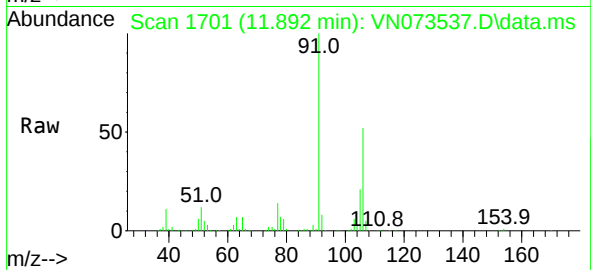




#68
m/p-Xylenes
Concen: 19.707 ug/l
RT: 11.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073537.D
Acq: 20 Jul 2022 21:24

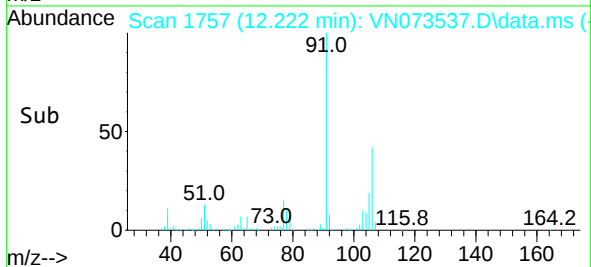
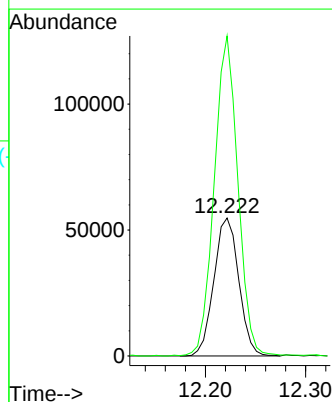
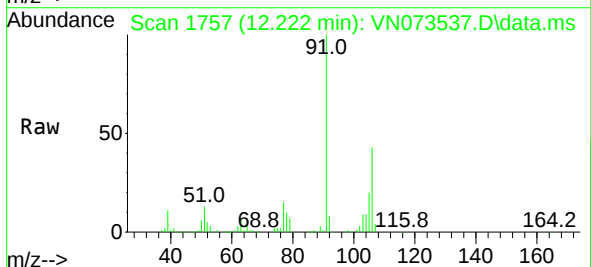
Instrument :
MSVOA_N
ClientSampleId :
070622-C

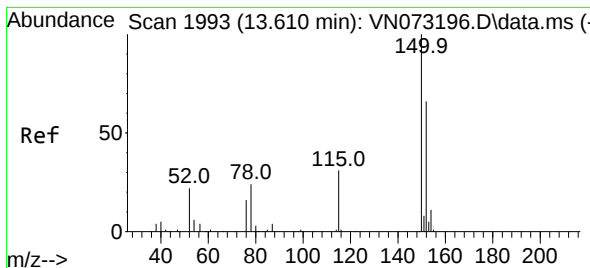
Tgt Ion:106 Resp: 128081
Ion Ratio Lower Upper
106 100
91 199.4 158.9 238.3



#69
o-Xylene
Concen: 14.222 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.006 min
Lab File: VN073537.D
Acq: 20 Jul 2022 21:24

Tgt Ion:106 Resp: 94362
Ion Ratio Lower Upper
106 100
91 221.0 106.0 318.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VN073537.D

Acq: 20 Jul 2022 21:24

Instrument :

MSVOA_N

ClientSampleId :

070622-C

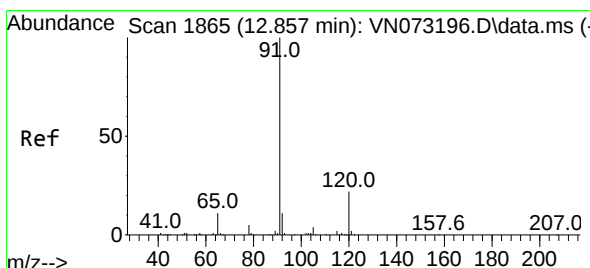
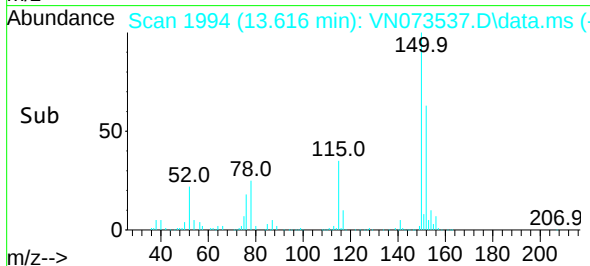
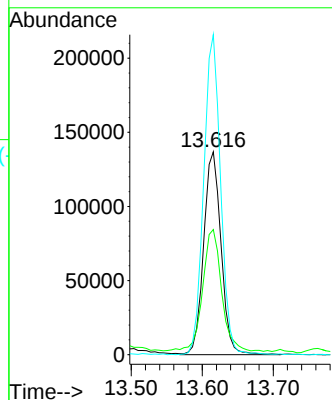
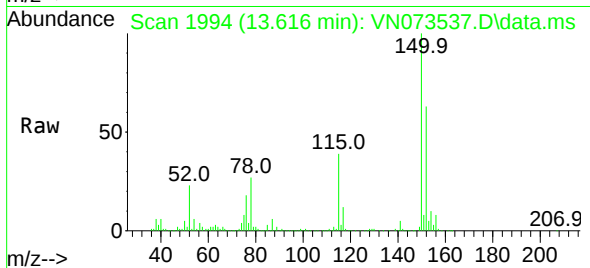
Tgt Ion:152 Resp: 233606

Ion Ratio Lower Upper

152 100

115 66.1 28.9 86.7

150 153.0 0.0 356.2



#78

n-propylbenzene

Concen: 0.582 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. 0.006 min

Lab File: VN073537.D

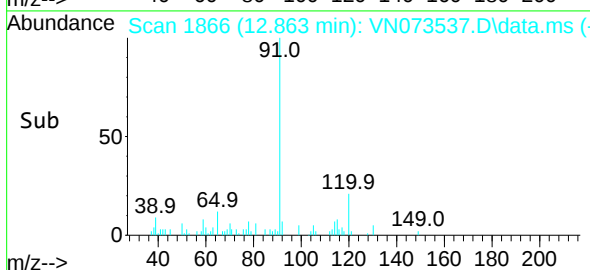
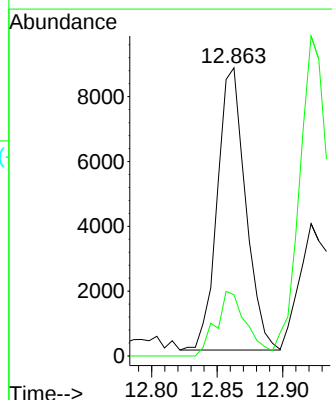
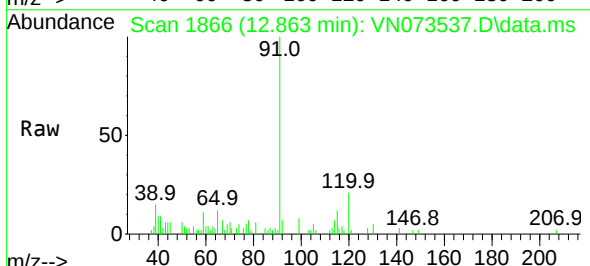
Acq: 20 Jul 2022 21:24

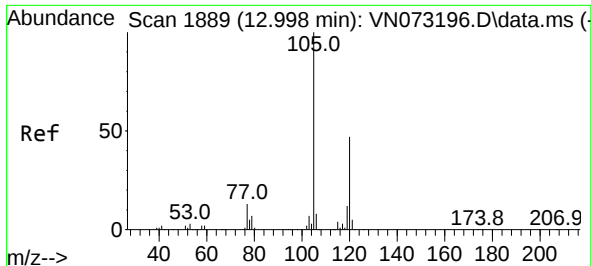
Tgt Ion: 91 Resp: 13054

Ion Ratio Lower Upper

91 100

120 24.5 11.9 35.5

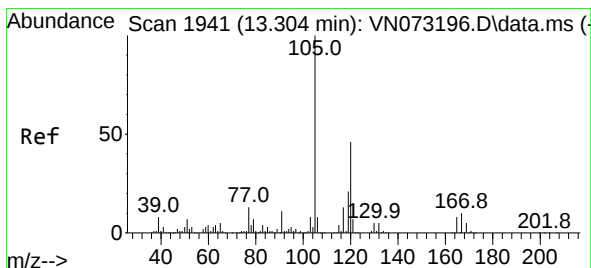
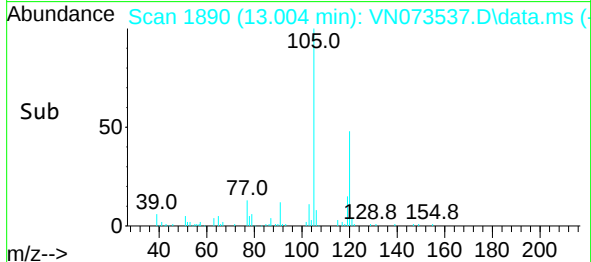
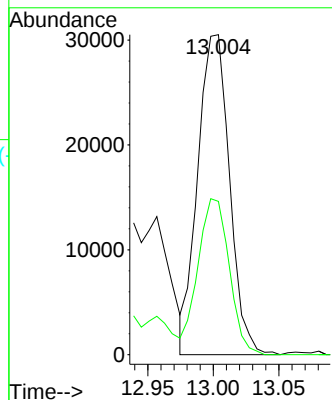
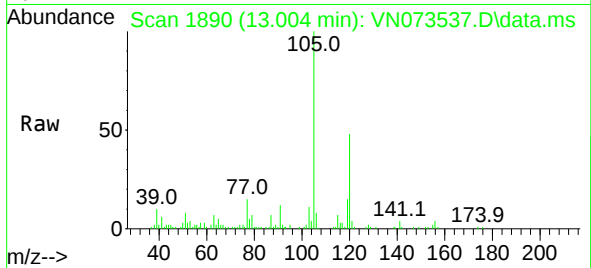




#80
 1,3,5-Trimethylbenzene
 Concen: 3.132 ug/l
 RT: 13.004 min Scan# 1889
 Delta R.T. 0.006 min
 Lab File: VN073537.D
 Acq: 20 Jul 2022 21:24

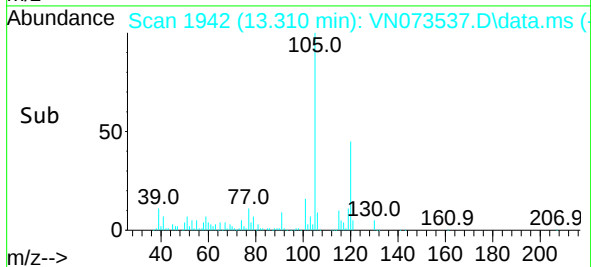
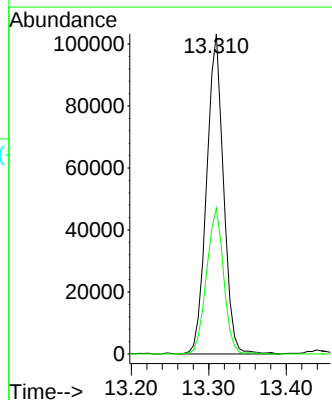
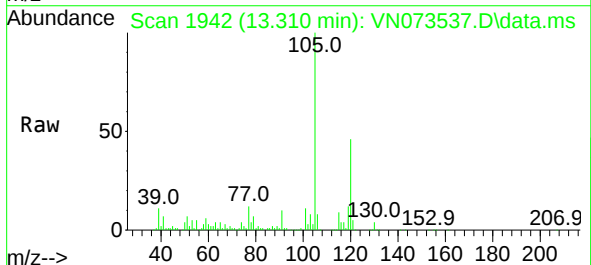
Instrument :
 MSVOA_N
 ClientSampleId :
 070622-C

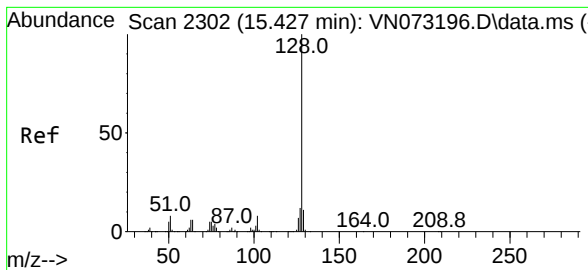
Tgt Ion:105 Resp: 51490
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.9 74.7



#84
 1,2,4-Trimethylbenzene
 Concen: 9.513 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. 0.006 min
 Lab File: VN073537.D
 Acq: 20 Jul 2022 21:24

Tgt Ion:105 Resp: 156159
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.3 69.8





#95
Naphthalene
Concen: 250.684 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073537.D
Acq: 20 Jul 2022 21:24

Instrument :
MSVOA_N
ClientSampleId :
070622-C

Tgt Ion:128 Resp: 4513392
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.1 8.6 13.0

