

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072022\
 Data File : VN073542.D
 Acq On : 20 Jul 2022 23:27
 Operator : JC\MD
 Sample : N3779-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 070622-H

Quant Time: Jul 21 08:28:28 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)

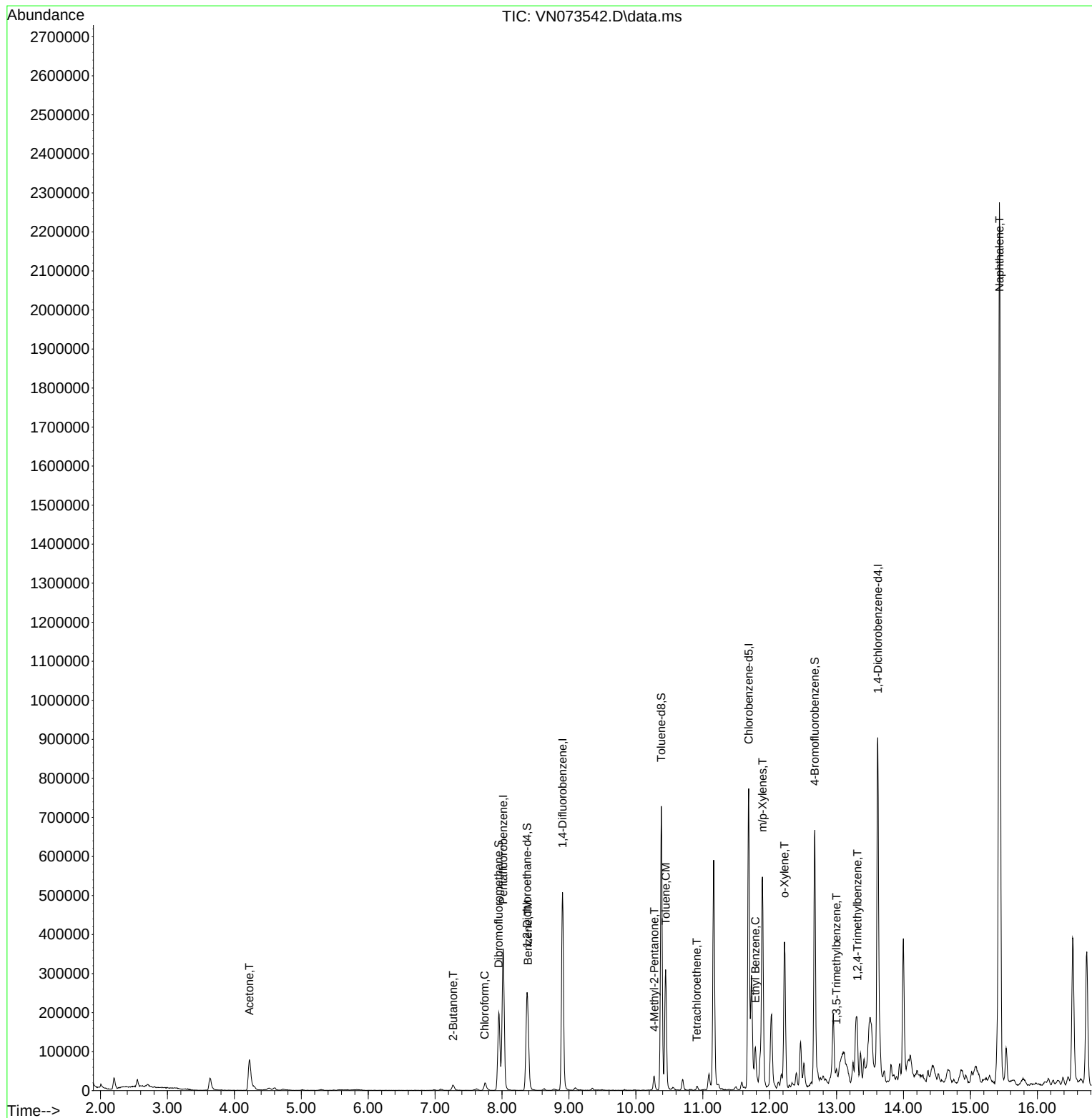
Internal Standards						
1) Pentafluorobenzene	8.016	168	277941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	447532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	424840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	229091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	170186	42.415	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.840%		
35) Dibromofluoromethane	7.951	113	143668	48.251	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.500%		
50) Toluene-d8	10.381	98	480238	45.412	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.820%		
62) 4-Bromofluorobenzene	12.675	95	213858	52.623	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.240%		
Target Compounds					Qvalue	
16) Acetone	4.222	43	146707	65.139	ug/l	95
25) 2-Butanone	7.269	43	25025	6.979	ug/l #	85
30) Chloroform	7.740	83	17474	2.607	ug/l	92
40) Benzene	8.387	78	93717	6.628	ug/l	95
51) 4-Methyl-2-Pentanone	10.275	43	25683	4.071	ug/l #	85
52) Toluene	10.445	92	119796	13.710	ug/l	98
64) Tetrachloroethene	10.910	164	2055	0.592	ug/l #	85
67) Ethyl Benzene	11.786	91	56959	3.265	ug/l	96
68) m/p-Xylenes	11.892	106	170341	25.875	ug/l	97
69) o-Xylene	12.222	106	88719	13.201	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	12496	0.775	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	53054	3.296	ug/l	97
95) Naphthalene	15.433	128	2068331	117.144	ug/l	100

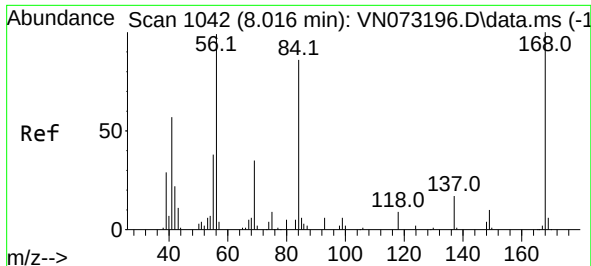
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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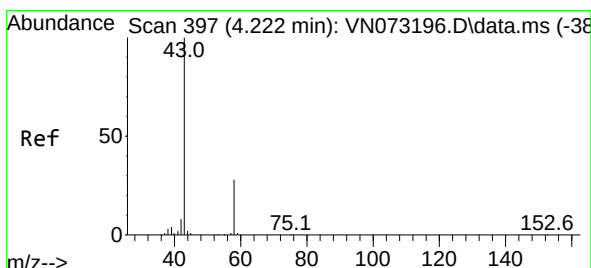
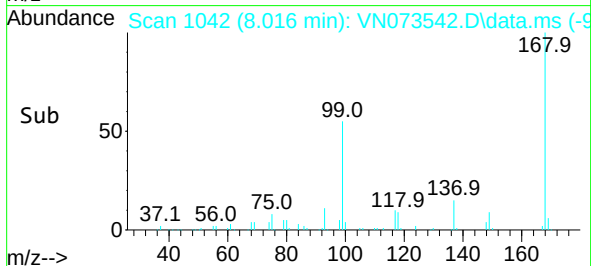
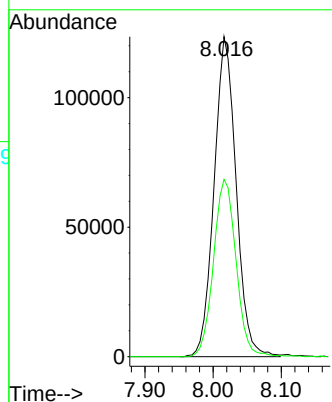
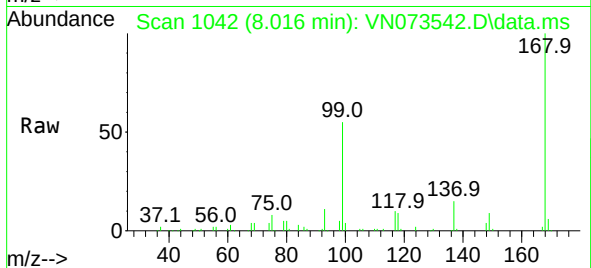




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073542.D
Acq: 20 Jul 2022 23:27

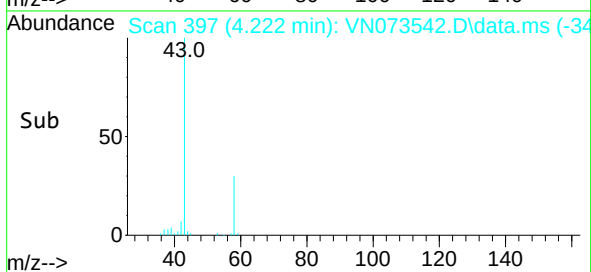
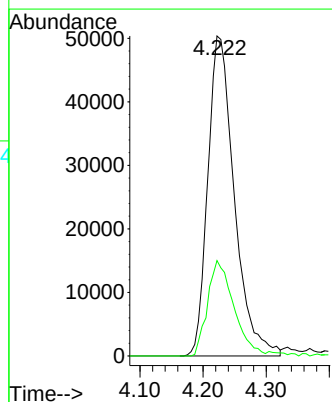
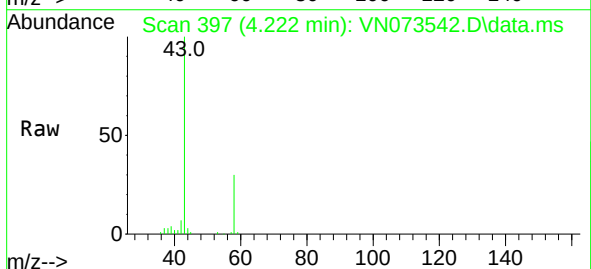
Instrument :
MSVOA_N
ClientSampleId :
070622-H

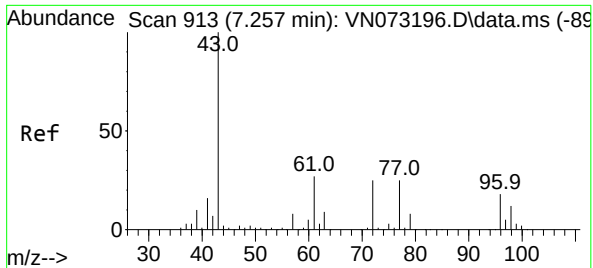
Tgt Ion:168 Resp: 277941
Ion Ratio Lower Upper
168 100
99 55.4 42.3 63.5



#16
Acetone
Concen: 65.139 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073542.D
Acq: 20 Jul 2022 23:27

Tgt Ion: 43 Resp: 146707
Ion Ratio Lower Upper
43 100
58 29.8 26.0 39.0

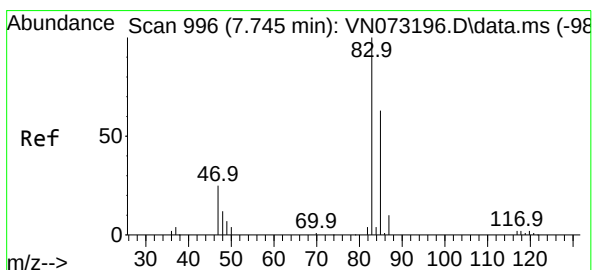
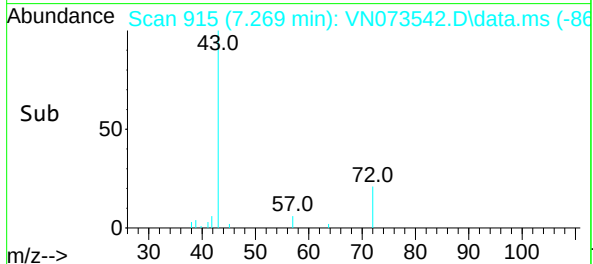
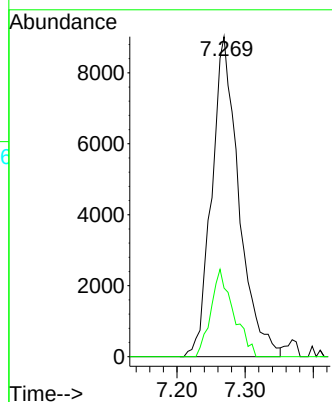
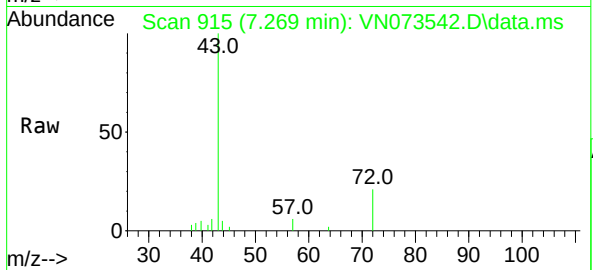




#25
2-Butanone
Concen: 6.979 ug/l
RT: 7.269 min Scan# 913
Delta R.T. 0.012 min
Lab File: VN073542.D
Acq: 20 Jul 2022 23:27

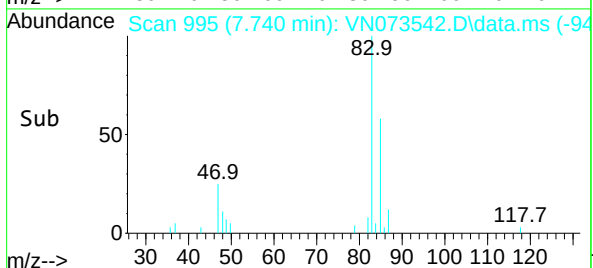
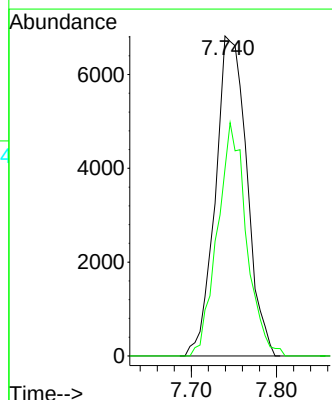
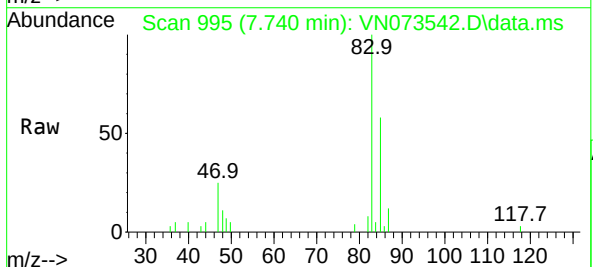
Instrument :
MSVOA_N
ClientSampleId :
070622-H

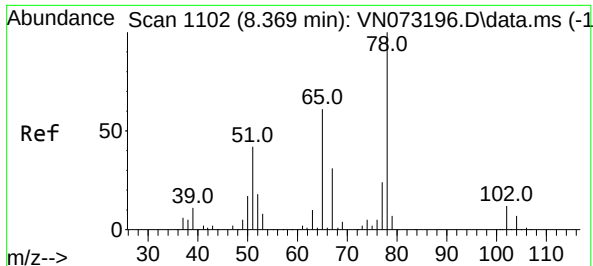
Tgt Ion: 43 Resp: 25025
Ion Ratio Lower Upper
43 100
72 21.5 23.7 35.5#



#30
Chloroform
Concen: 2.607 ug/l
RT: 7.740 min Scan# 995
Delta R.T. -0.005 min
Lab File: VN073542.D
Acq: 20 Jul 2022 23:27

Tgt Ion: 83 Resp: 17474
Ion Ratio Lower Upper
83 100
85 58.5 51.8 77.8





#33

1,2-Dichloroethane-d4

Concen: 42.415 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN073542.D

Acq: 20 Jul 2022 23:27

Instrument :

MSVOA_N

ClientSampleId :

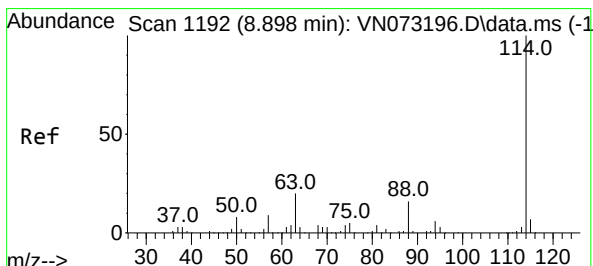
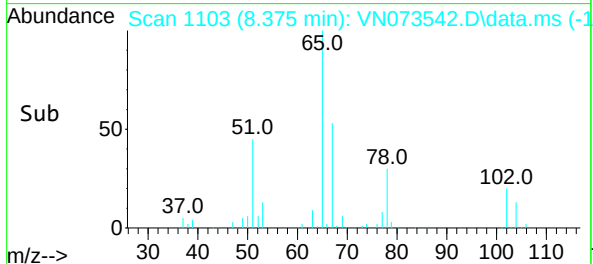
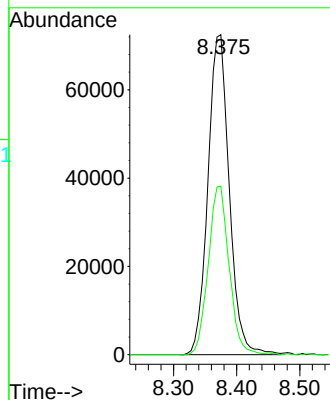
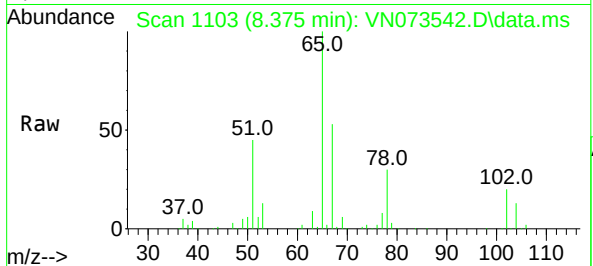
070622-H

Tgt Ion: 65 Resp: 170186

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073542.D

Acq: 20 Jul 2022 23:27

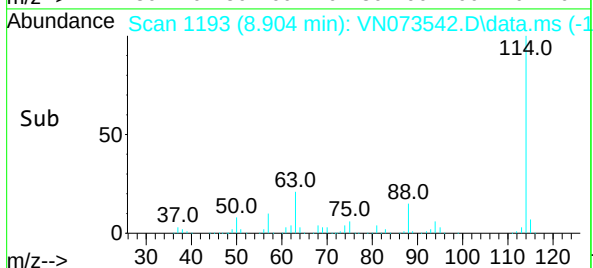
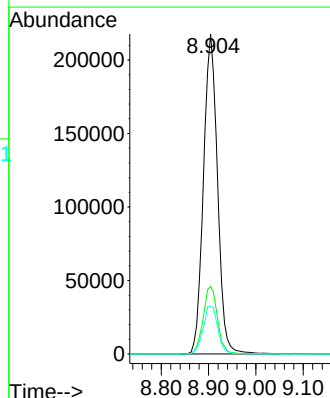
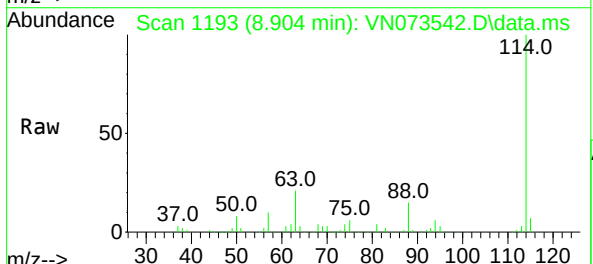
Tgt Ion: 114 Resp: 447532

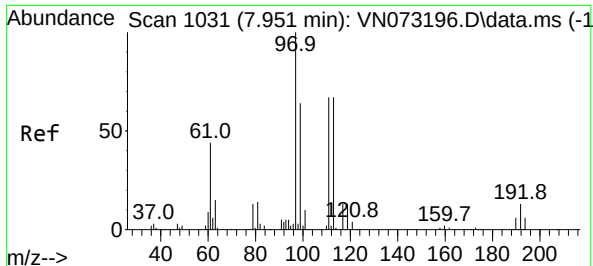
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 14.8 0.0 32.6

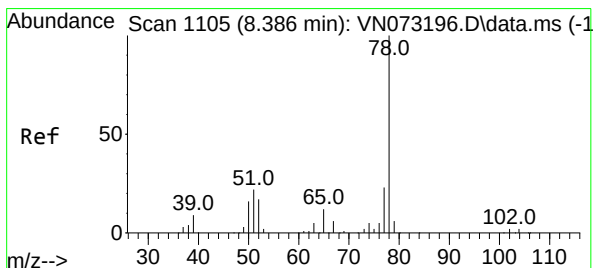
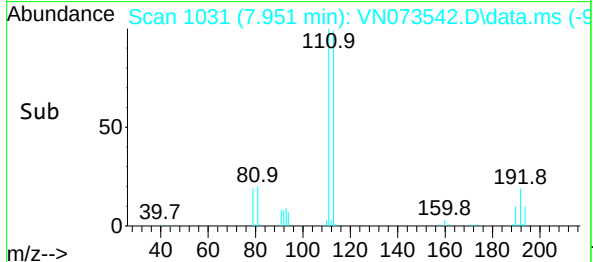
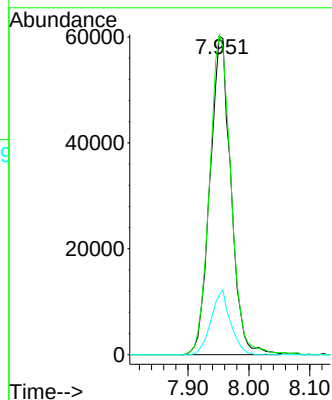
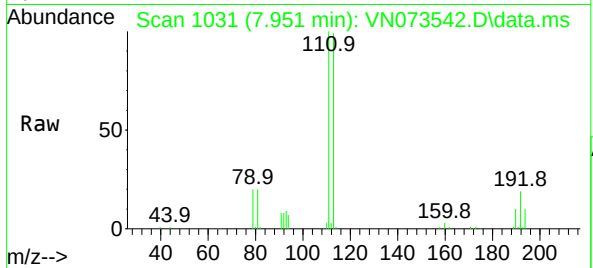




#35
Dibromofluoromethane
Concen: 48.251 ug/l
RT: 7.951 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VN073542.D
Acq: 20 Jul 2022 23:27

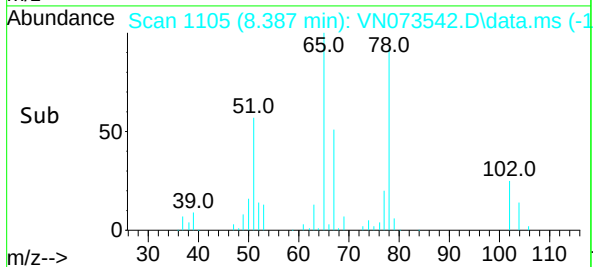
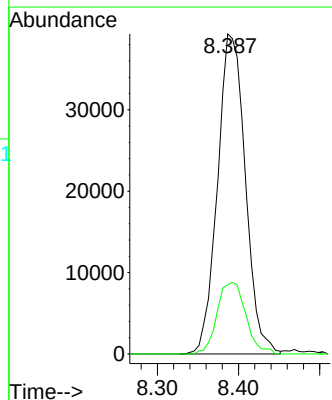
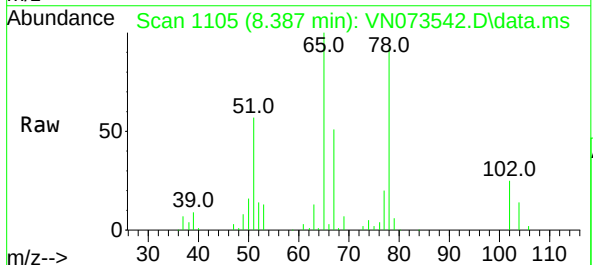
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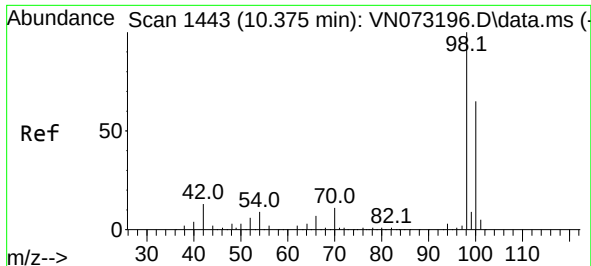
Tgt Ion:113 Resp: 143668
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 18.7 17.0 25.6



#40
Benzene
Concen: 6.628 ug/l
RT: 8.387 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VN073542.D
Acq: 20 Jul 2022 23:27

Tgt Ion: 78 Resp: 93717
Ion Ratio Lower Upper
78 100
77 21.6 19.4 29.0

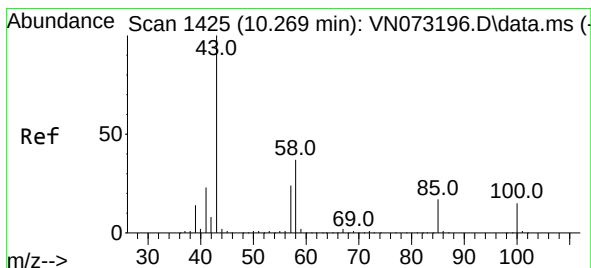
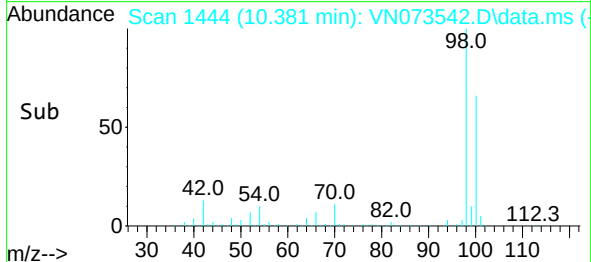
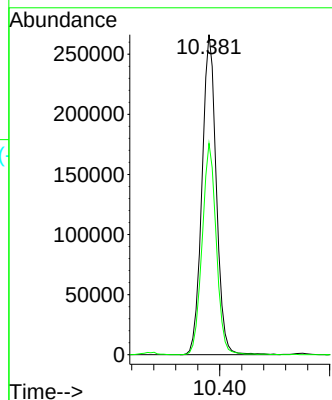
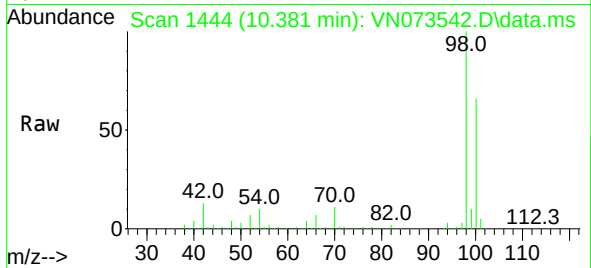




#50
Toluene-d8
Concen: 45.412 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073542.D
Acq: 20 Jul 2022 23:27

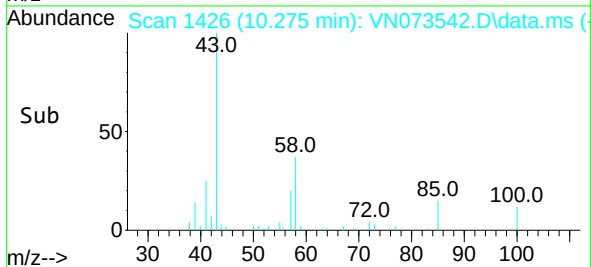
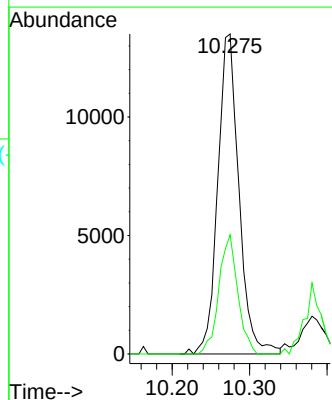
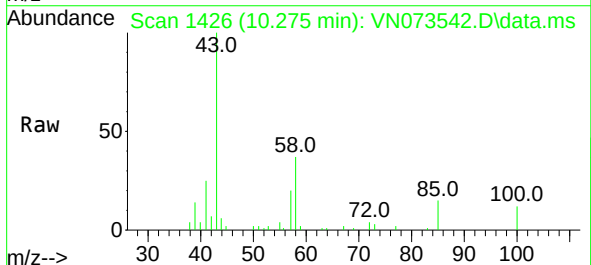
Instrument :
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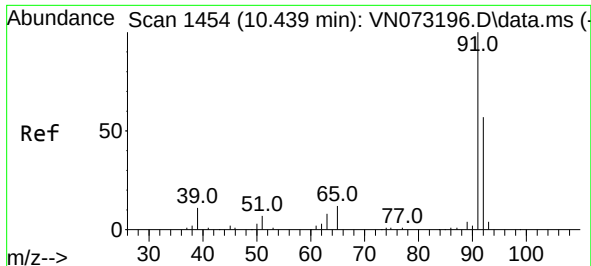
Tgt Ion: 98 Resp: 480238
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 4.071 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VN073542.D
Acq: 20 Jul 2022 23:27

Tgt Ion: 43 Resp: 25683
Ion Ratio Lower Upper
43 100
58 33.2 34.1 51.1#

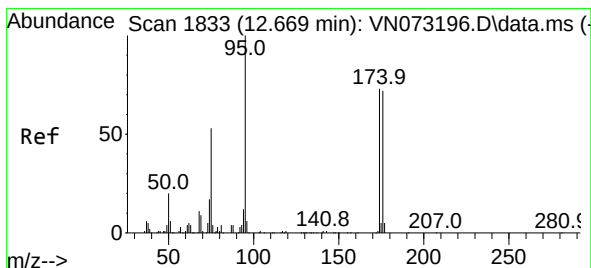
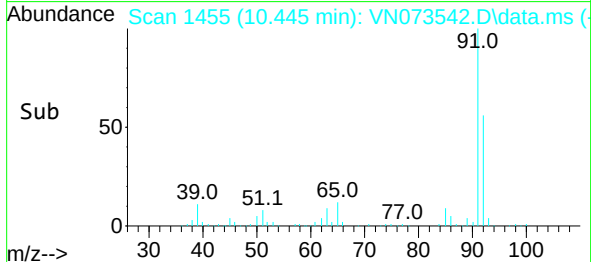
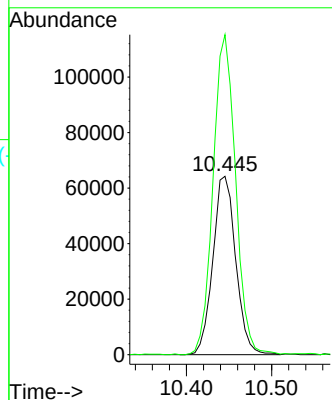
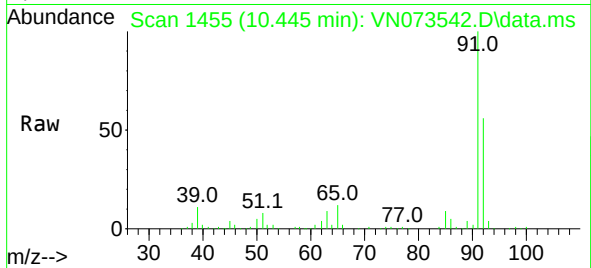




#52
Toluene
Concen: 13.710 ug/l
RT: 10.445 min Scan# 1454
Delta R.T. 0.006 min
Lab File: VN073542.D
Acq: 20 Jul 2022 23:27

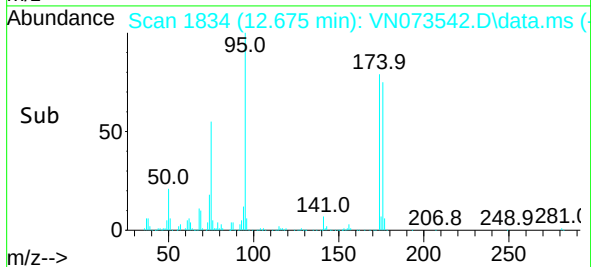
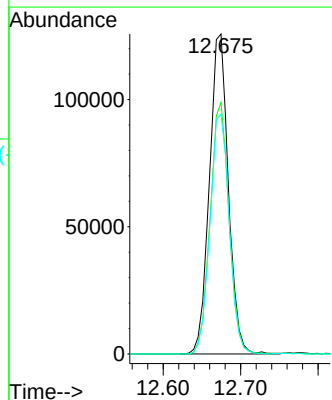
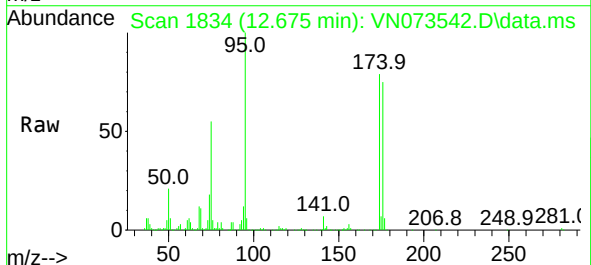
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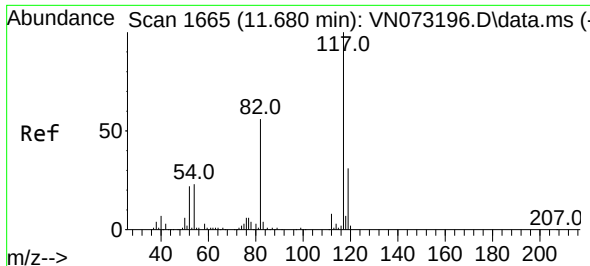
Tgt Ion: 92 Resp: 119796
Ion Ratio Lower Upper
92 100
91 176.5 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 52.623 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073542.D
Acq: 20 Jul 2022 23:27

Tgt Ion: 95 Resp: 213858
Ion Ratio Lower Upper
95 100
174 78.5 0.0 167.6
176 75.9 0.0 163.4

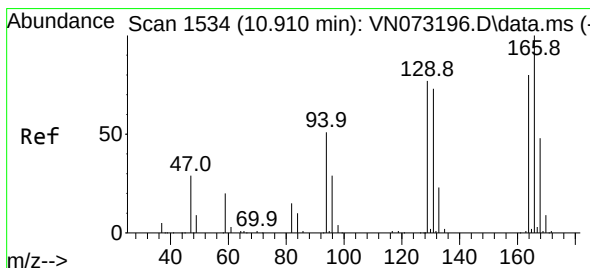
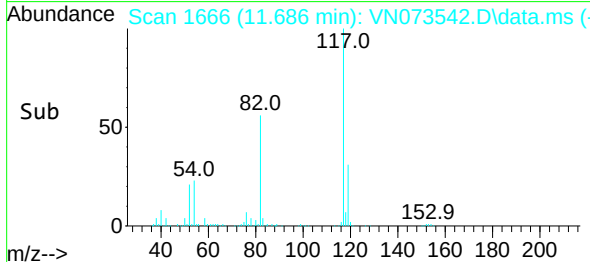
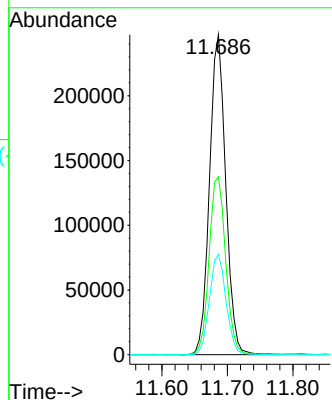
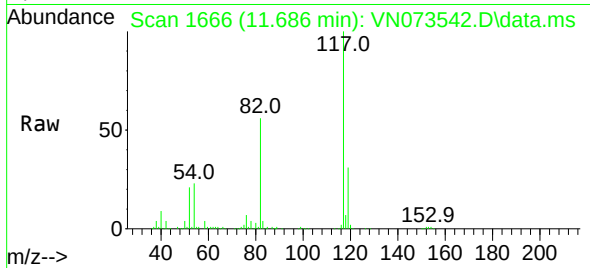




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073542.D
Acq: 20 Jul 2022 23:27

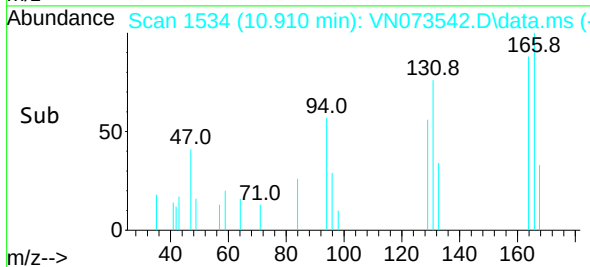
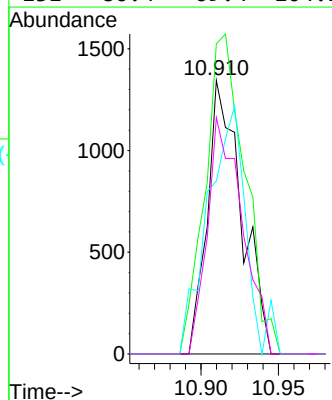
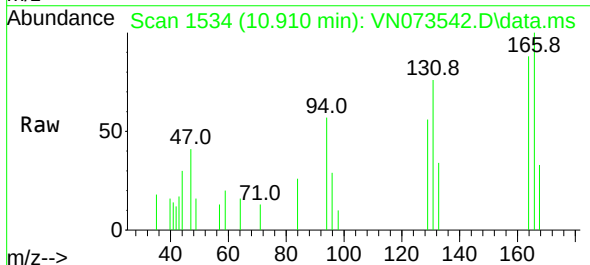
Instrument :
MSVOA_N
ClientSampleId :
070622-H

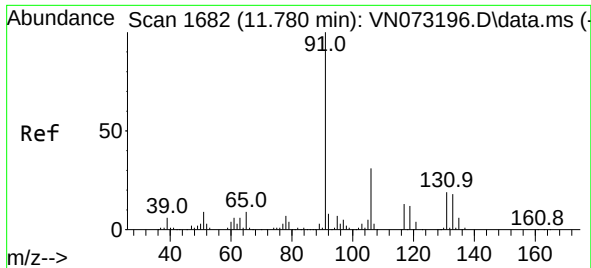
Tgt Ion:117 Resp: 424840
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 31.2 25.4 38.0



#64
Tetrachloroethene
Concen: 0.592 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VN073542.D
Acq: 20 Jul 2022 23:27

Tgt Ion:164 Resp: 2055
Ion Ratio Lower Upper
164 100
166 113.3 104.2 156.2
129 63.3 73.9 110.9#
131 86.4 69.4 104.2





#67

Ethyl Benzene

Concen: 3.265 ug/l

RT: 11.786 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073542.D

Acq: 20 Jul 2022 23:27

Instrument :

MSVOA_N

ClientSampleId :

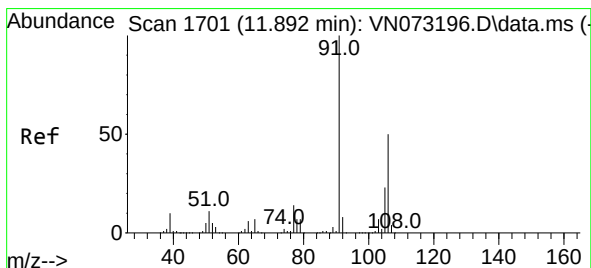
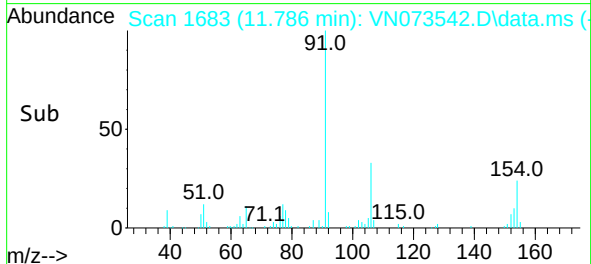
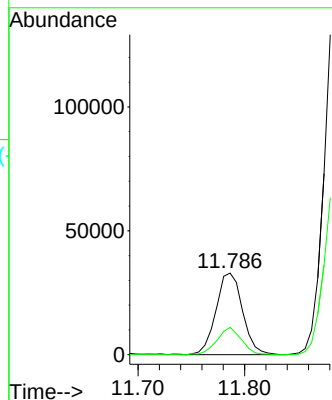
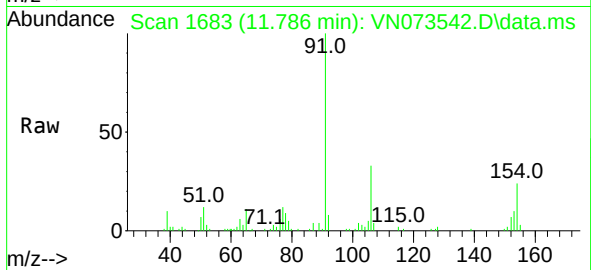
070622-H

Tgt Ion: 91 Resp: 56959

Ion Ratio Lower Upper

91 100

106 33.5 24.9 37.3



#68

m/p-Xylenes

Concen: 25.875 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN073542.D

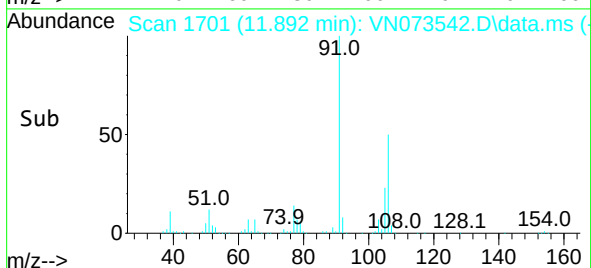
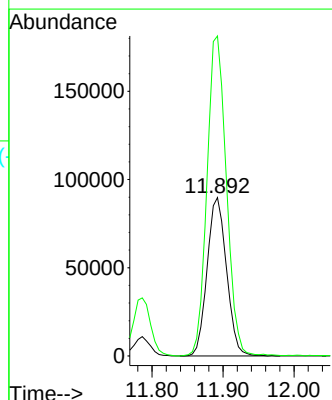
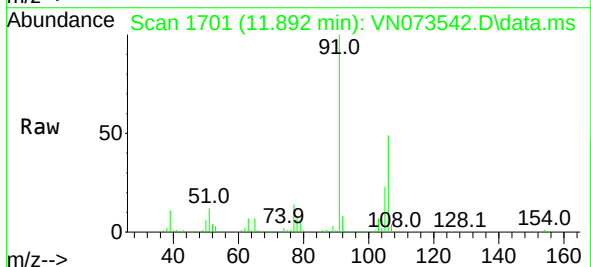
Acq: 20 Jul 2022 23:27

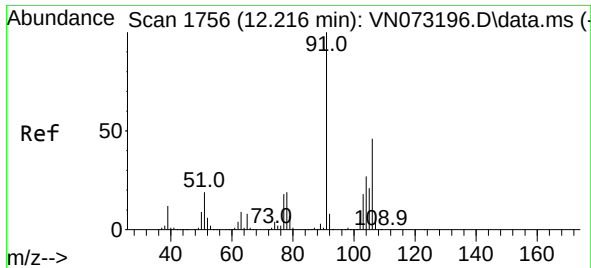
Tgt Ion: 106 Resp: 170341

Ion Ratio Lower Upper

106 100

91 202.6 158.9 238.3

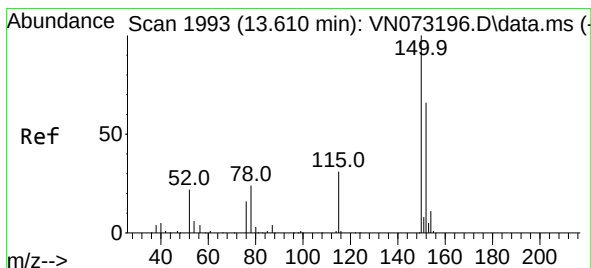
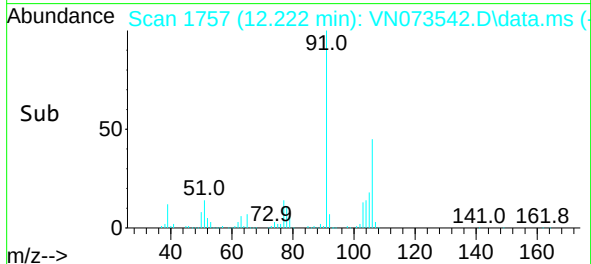
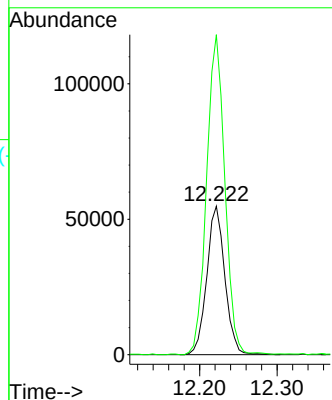
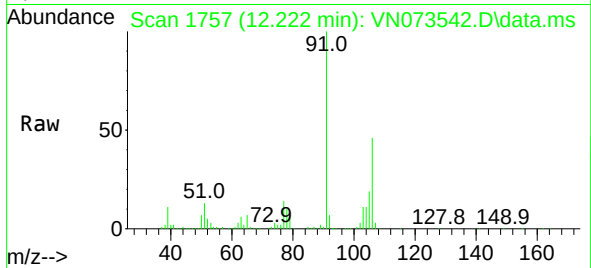




#69
o-Xylene
Concen: 13.201 ug/l
RT: 12.222 min Scan# 1756
Delta R.T. 0.006 min
Lab File: VN073542.D
Acq: 20 Jul 2022 23:27

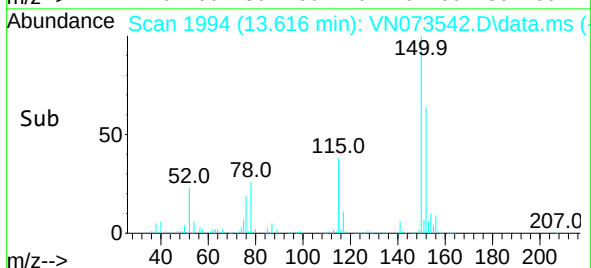
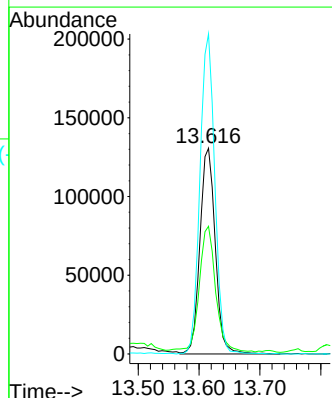
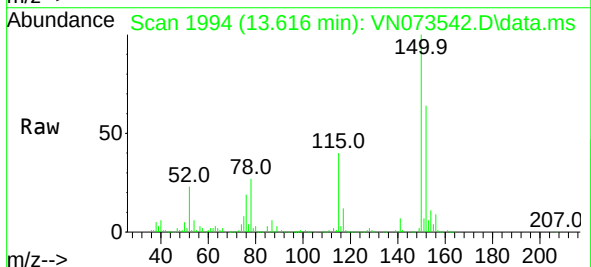
Instrument :
MSVOA_N
ClientSampleId :
070622-H

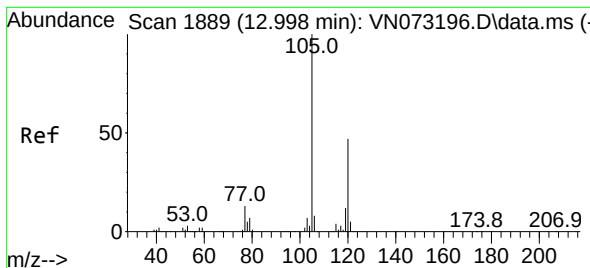
Tgt Ion:106 Resp: 88719
Ion Ratio Lower Upper
106 100
91 217.5 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN073542.D
Acq: 20 Jul 2022 23:27

Tgt Ion:152 Resp: 229091
Ion Ratio Lower Upper
152 100
115 65.4 28.9 86.7
150 150.2 0.0 356.2





#80

1,3,5-Trimethylbenzene

Concen: 0.775 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN073542.D

Acq: 20 Jul 2022 23:27

Instrument :

MSVOA_N

ClientSampleId :

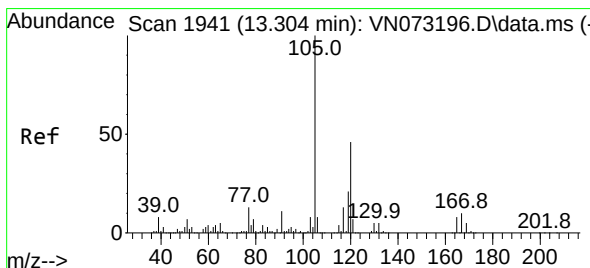
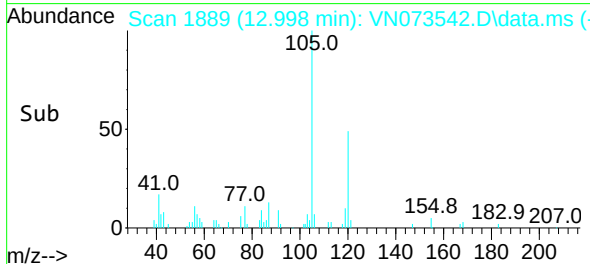
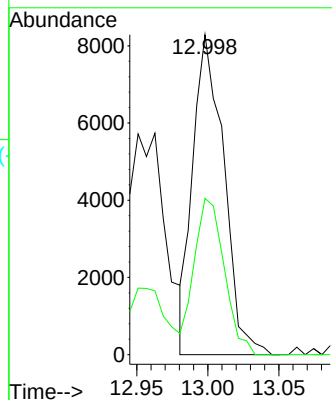
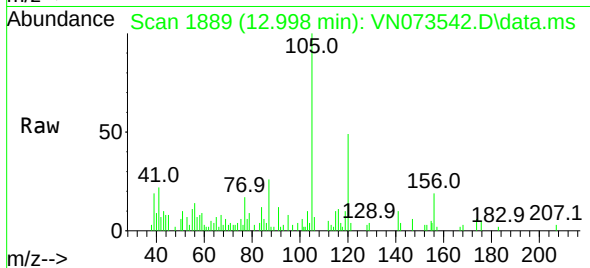
070622-H

Tgt Ion:105 Resp: 12496

Ion Ratio Lower Upper

105 100

120 47.7 24.9 74.7



#84

1,2,4-Trimethylbenzene

Concen: 3.296 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.006 min

Lab File: VN073542.D

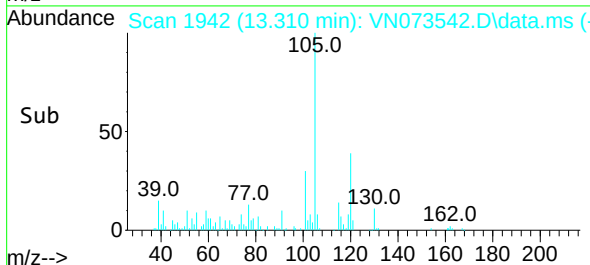
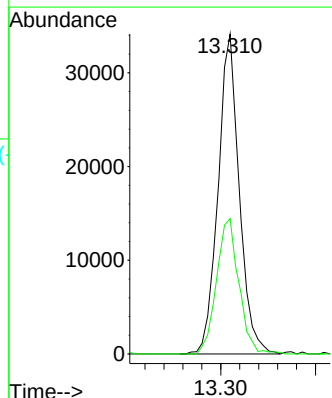
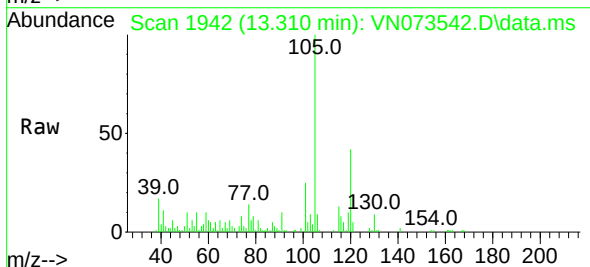
Acq: 20 Jul 2022 23:27

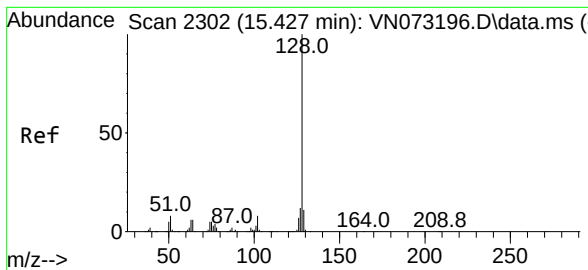
Tgt Ion:105 Resp: 53054

Ion Ratio Lower Upper

105 100

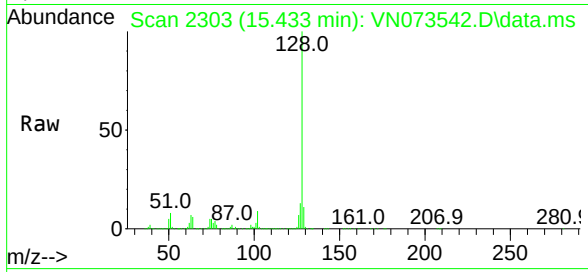
120 44.6 23.3 69.8





#95
Naphthalene
Concen: 117.144 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073542.D
Acq: 20 Jul 2022 23:27

Instrument :
MSVOA_N
ClientSampleId :
070622-H



Tgt Ion:128 Resp: 2068331
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.8 8.6 13.0

