

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073170.D
 Acq On : 27 Jun 2022 18:29
 Operator : JC\MD
 Sample : N3436-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31677

Quant Time: Jun 28 06:39:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

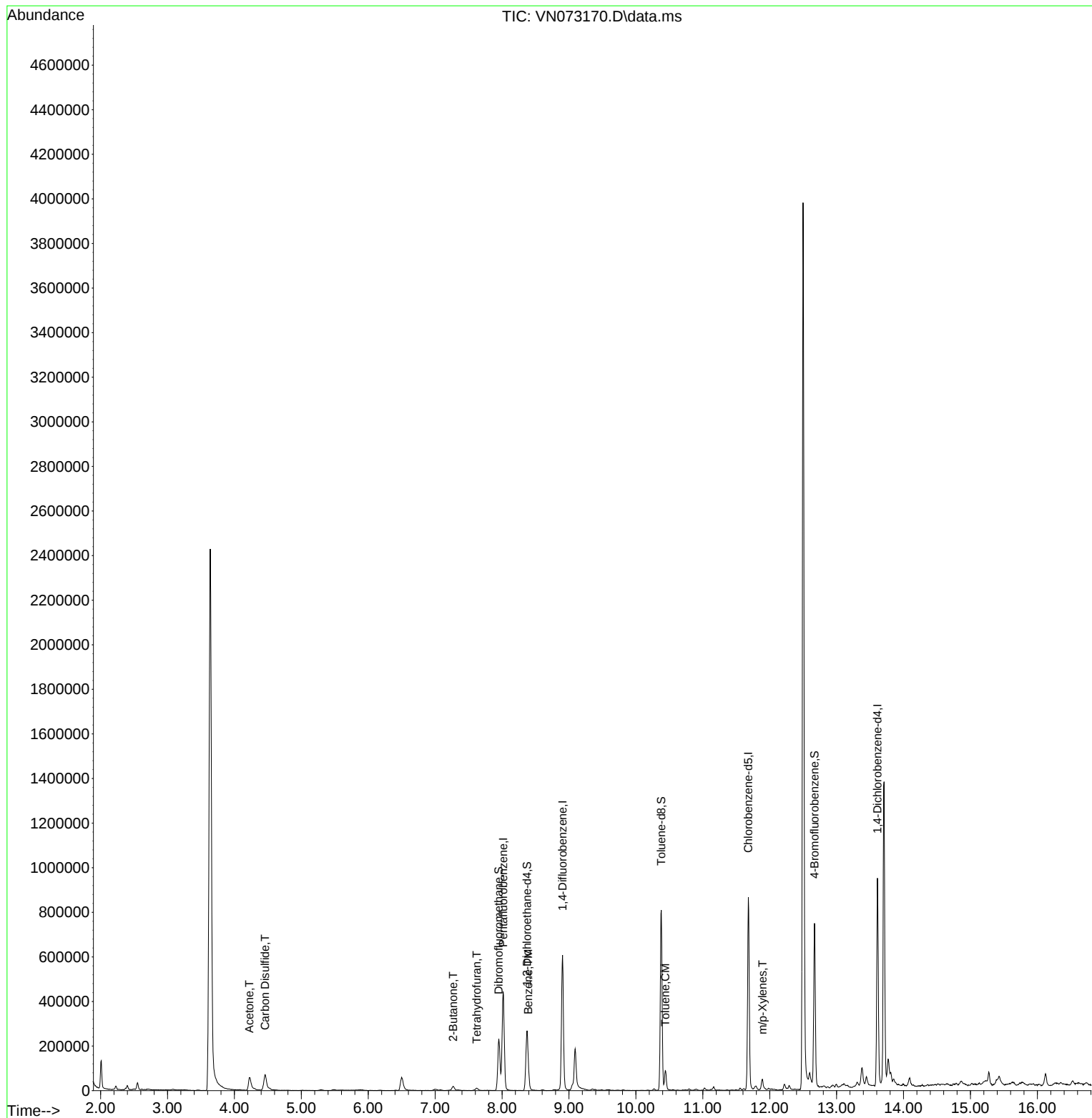
Internal Standards						
1) Pentafluorobenzene	8.016	168	334712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	530212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	485535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	247404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	198545	43.875	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.760%
35) Dibromofluoromethane	7.951	113	170374	51.988	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.980%
50) Toluene-d8	10.380	98	564504	46.292	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.580%
62) 4-Bromofluorobenzene	12.668	95	249043	56.795	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.580%
Target Compounds						
					Qvalue	
16) Acetone	4.222	43	108748	43.718	ug/l	93
17) Carbon Disulfide	4.457	76	150059	18.276	ug/l	99
25) 2-Butanone	7.269	43	32178	8.152	ug/l #	89
29) Tetrahydrofuran	7.622	42	8273	3.174	ug/l	95
40) Benzene	8.392	78	57460	4.123	ug/l	96
52) Toluene	10.439	92	37151	4.342	ug/l	99
68) m/p-Xylenes	11.892	106	14360	2.193	ug/l	92

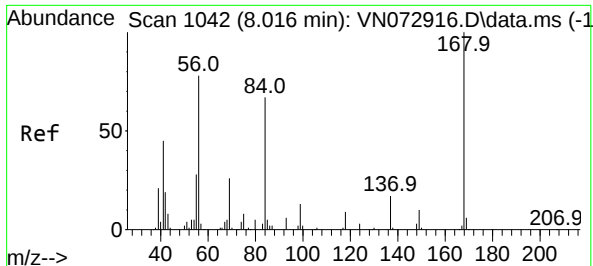
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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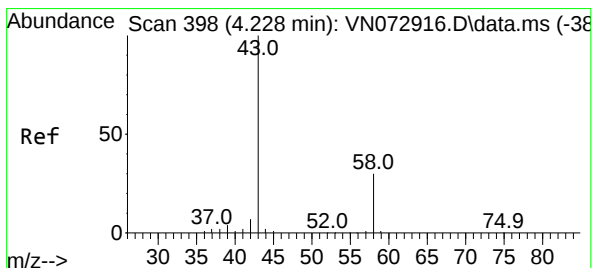
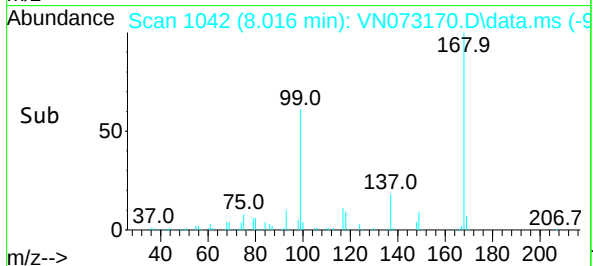
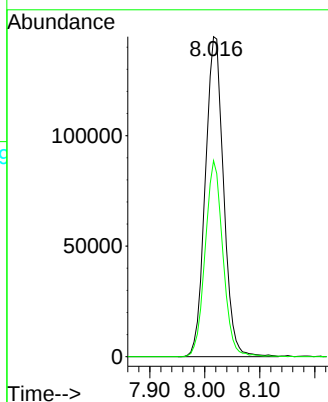
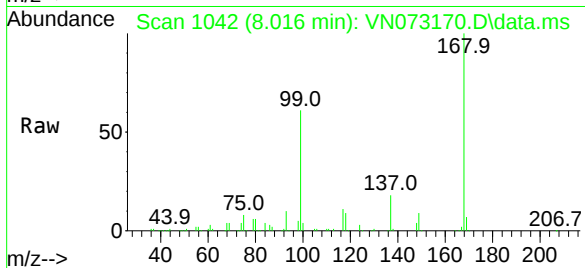




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073170.D
Acq: 27 Jun 2022 18:29

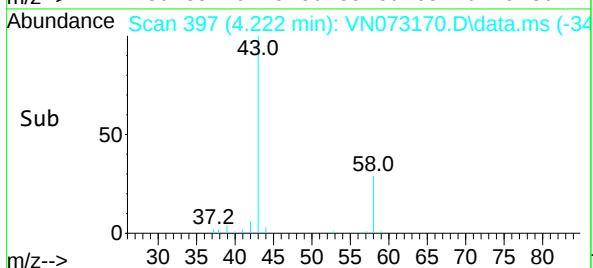
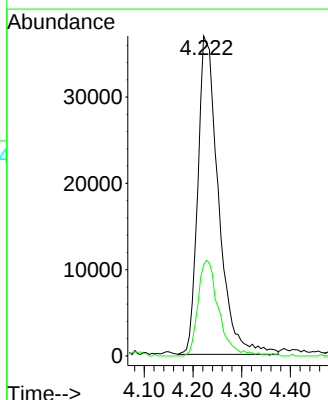
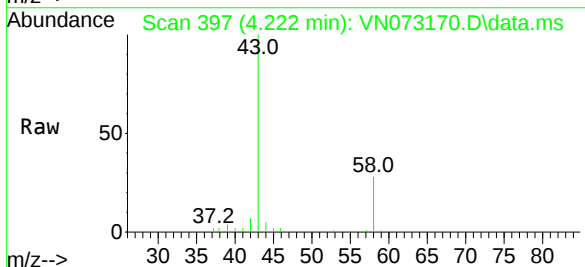
Instrument :
MSVOA_N
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31677

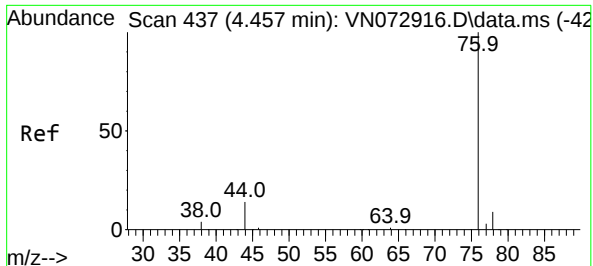
Tgt Ion:168 Resp: 334712
Ion Ratio Lower Upper
168 100
99 61.3 42.3 63.5



#16
Acetone
Concen: 43.718 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN073170.D
Acq: 27 Jun 2022 18:29

Tgt Ion: 43 Resp: 108748
Ion Ratio Lower Upper
43 100
58 28.6 26.0 39.0

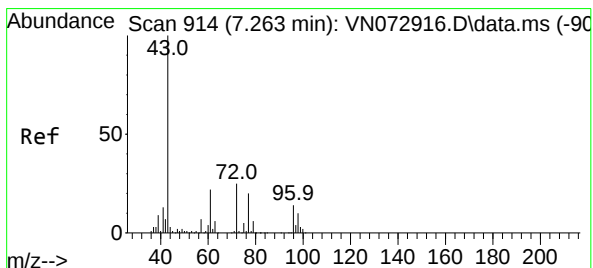
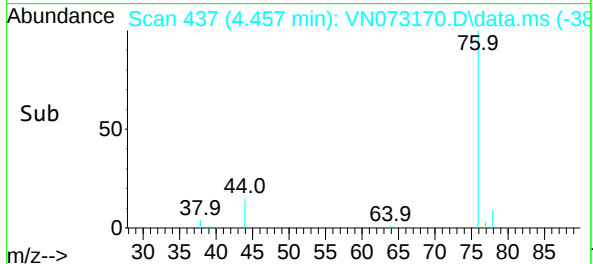
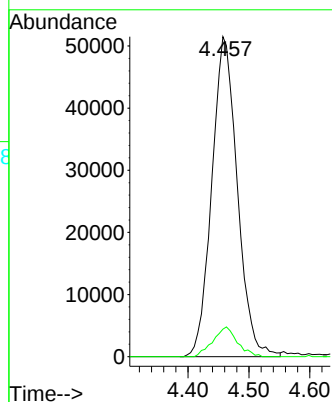
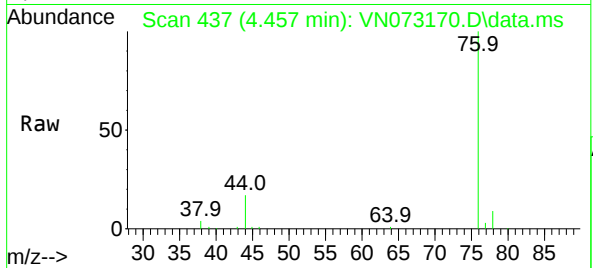




#17
Carbon Disulfide
Concen: 18.276 ug/l
RT: 4.457 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN073170.D
Acq: 27 Jun 2022 18:29

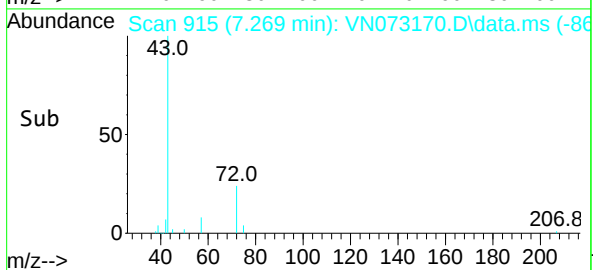
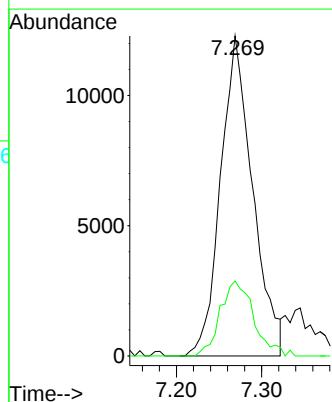
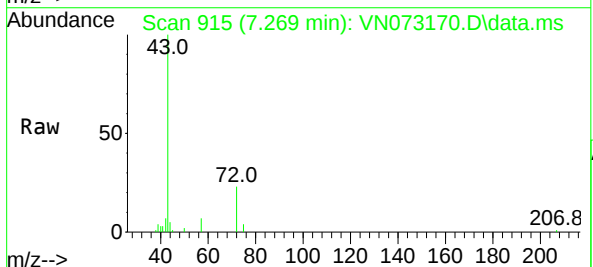
Instrument :
MSVOA_N
ClientSampleId :
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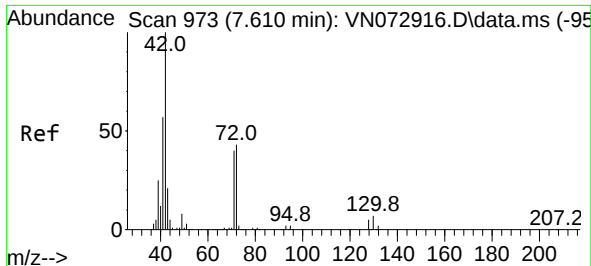
Tgt Ion: 76 Resp: 150059
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#25
2-Butanone
Concen: 8.152 ug/l
RT: 7.269 min Scan# 915
Delta R.T. 0.006 min
Lab File: VN073170.D
Acq: 27 Jun 2022 18:29

Tgt Ion: 43 Resp: 32178
Ion Ratio Lower Upper
43 100
72 23.5 23.7 35.5#





#29

Tetrahydrofuran

Concen: 3.174 ug/l

RT: 7.622 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN073170.D

Acq: 27 Jun 2022 18:29

Instrument :

MSVOA_N

ClientSampleId :

31677

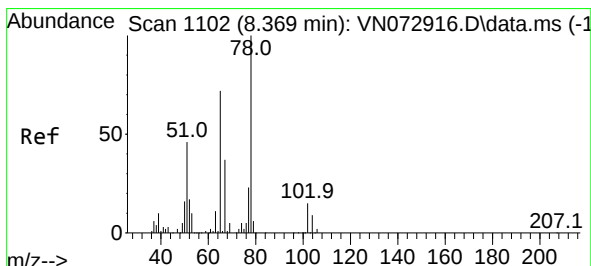
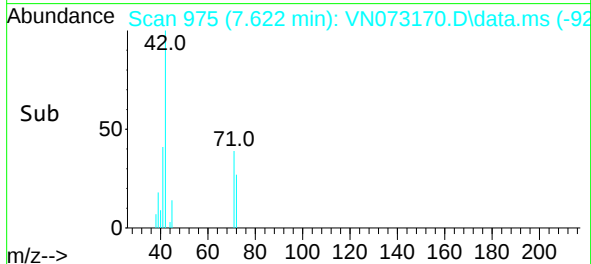
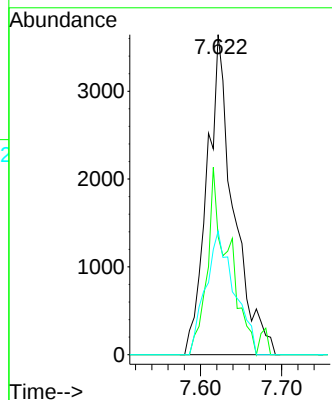
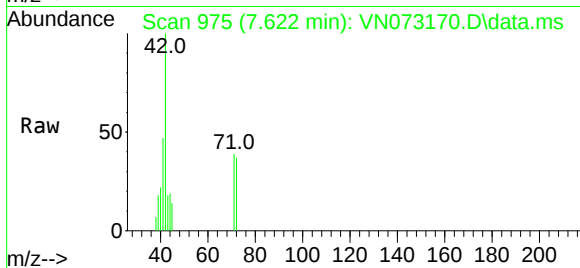
Tgt Ion: 42 Resp: 8273

Ion Ratio Lower Upper

42 100

72 46.8 39.7 59.5

71 41.8 36.6 55.0



#33

1,2-Dichloroethane-d4

Concen: 43.875 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN073170.D

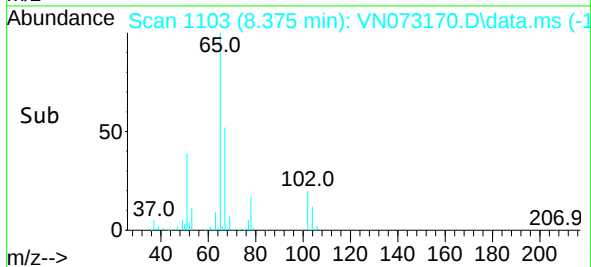
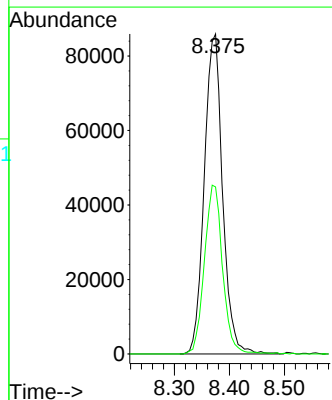
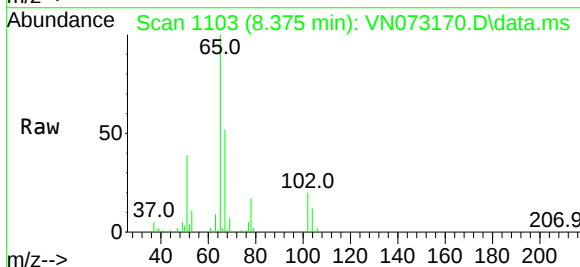
Acq: 27 Jun 2022 18:29

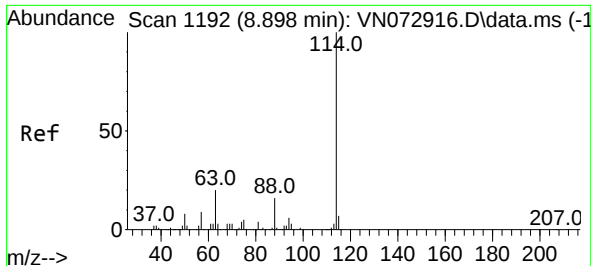
Tgt Ion: 65 Resp: 198545

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.8

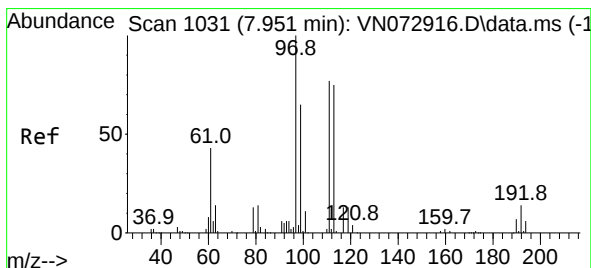
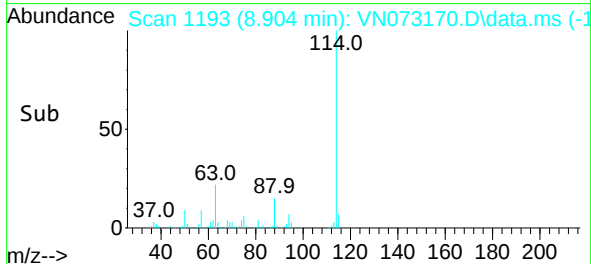
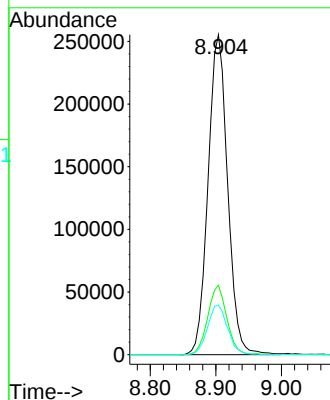
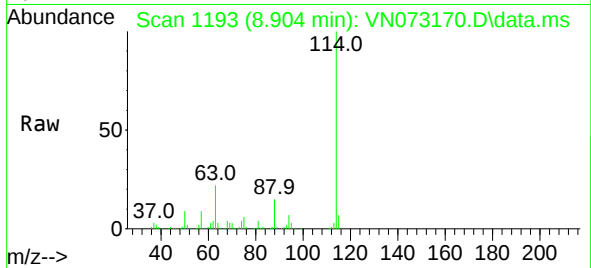




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VN073170.D
Acq: 27 Jun 2022 18:29

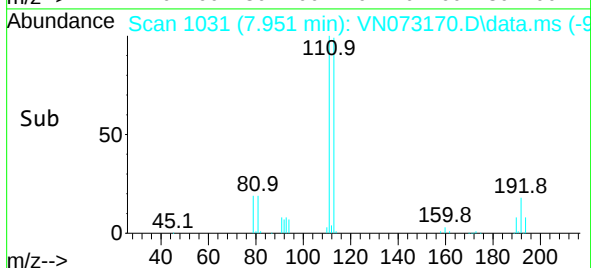
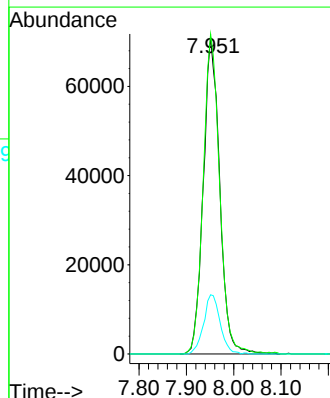
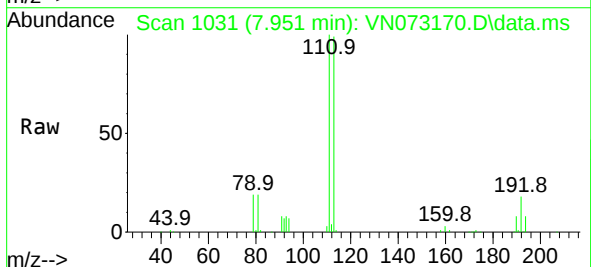
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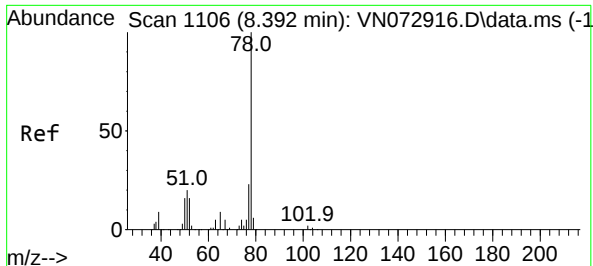
Tgt Ion:114 Resp: 530212
Ion Ratio Lower Upper
114 100
63 21.7 0.0 40.0
88 15.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.988 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VN073170.D
Acq: 27 Jun 2022 18:29

Tgt Ion:113 Resp: 170374
Ion Ratio Lower Upper
113 100
111 101.3 81.4 122.0
192 18.8 17.0 25.6

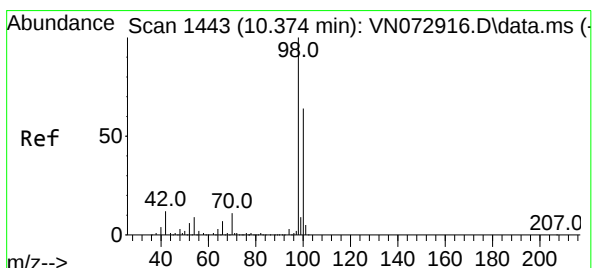
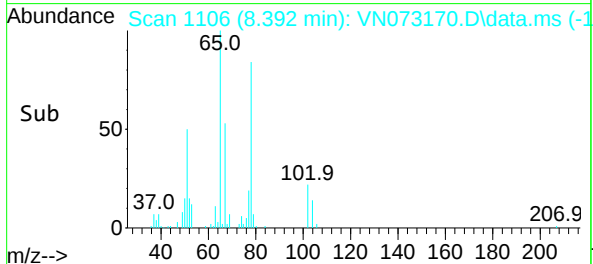
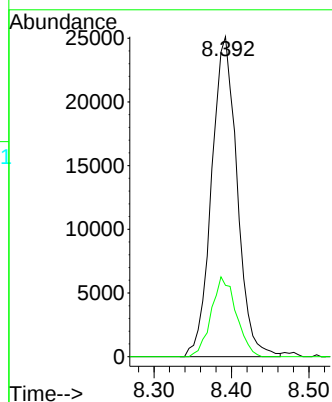
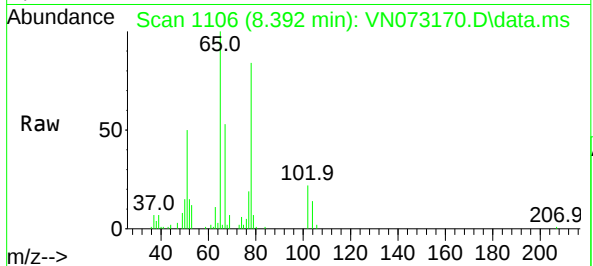




#40
Benzene
Concen: 4.123 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN073170.D
Acq: 27 Jun 2022 18:29

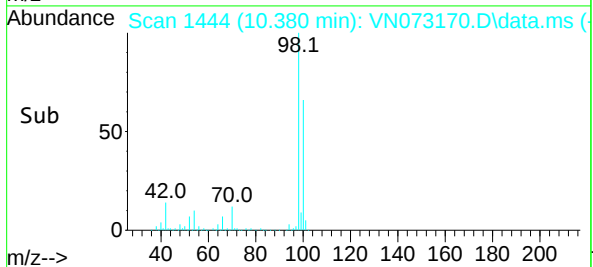
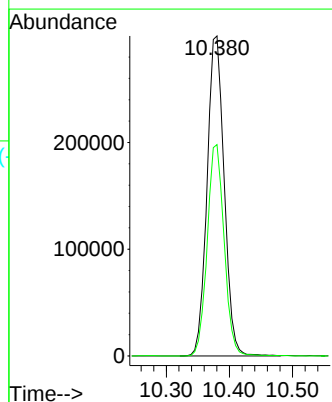
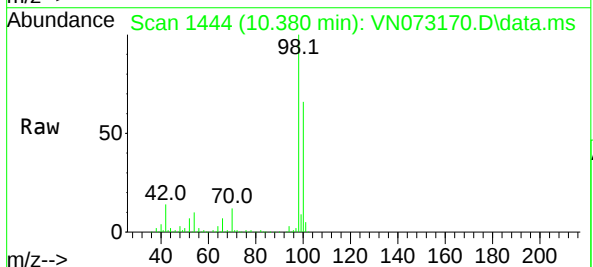
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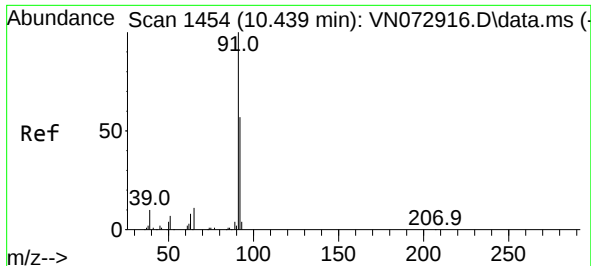
Tgt Ion: 78 Resp: 57460
Ion Ratio Lower Upper
78 100
77 22.3 19.4 29.0



#50
Toluene-d8
Concen: 46.292 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073170.D
Acq: 27 Jun 2022 18:29

Tgt Ion: 98 Resp: 564504
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8

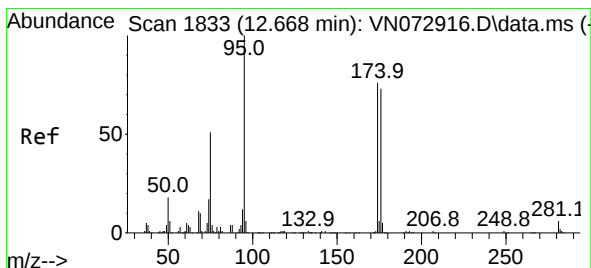
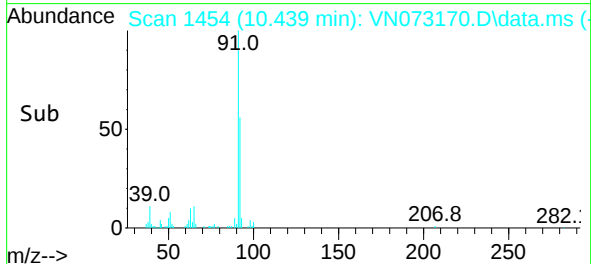
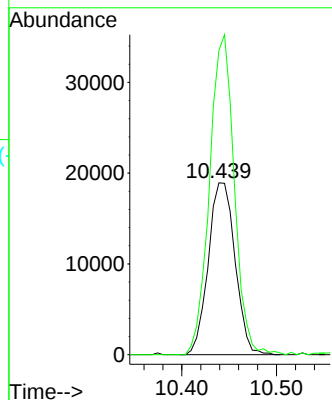
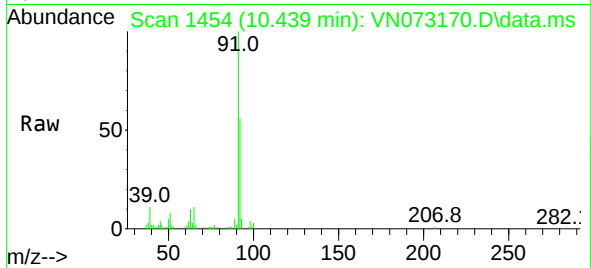




#52
Toluene
Concen: 4.342 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.000 min
Lab File: VN073170.D
Acq: 27 Jun 2022 18:29

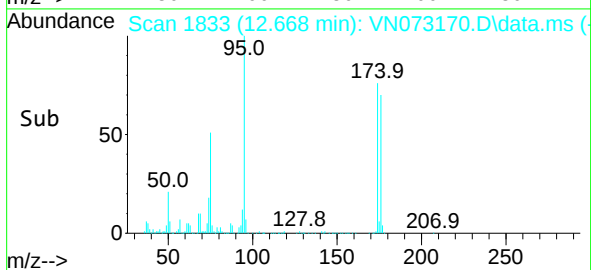
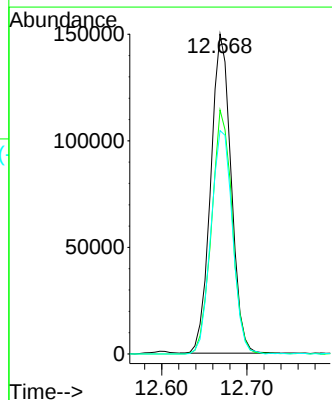
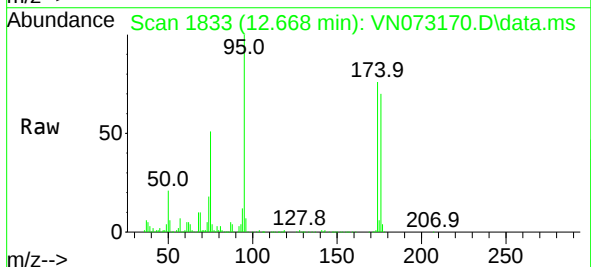
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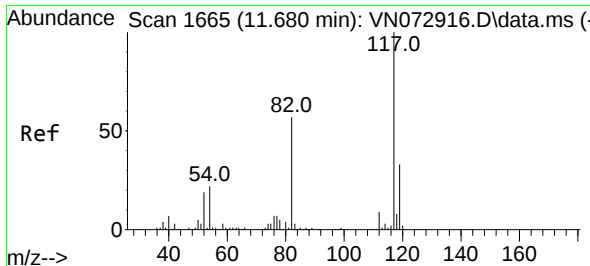
Tgt Ion: 92 Resp: 37151
Ion Ratio Lower Upper
92 100
91 172.3 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 56.795 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073170.D
Acq: 27 Jun 2022 18:29

Tgt Ion: 95 Resp: 249043
Ion Ratio Lower Upper
95 100
174 77.0 0.0 167.6
176 73.8 0.0 163.4

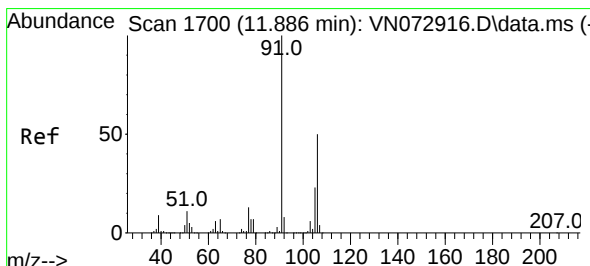
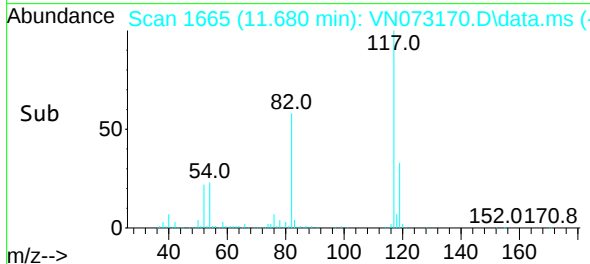
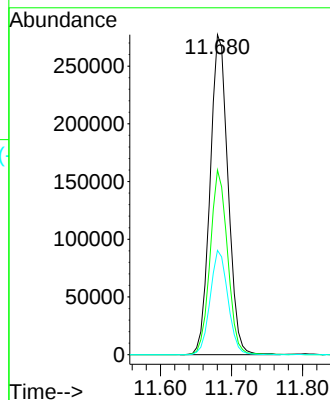
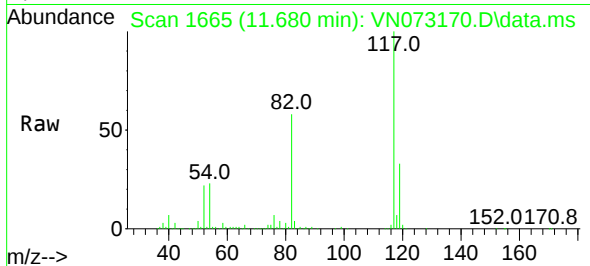




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN073170.D
Acq: 27 Jun 2022 18:29

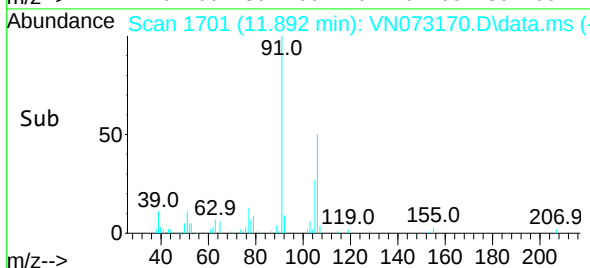
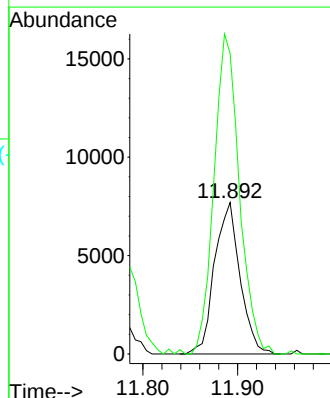
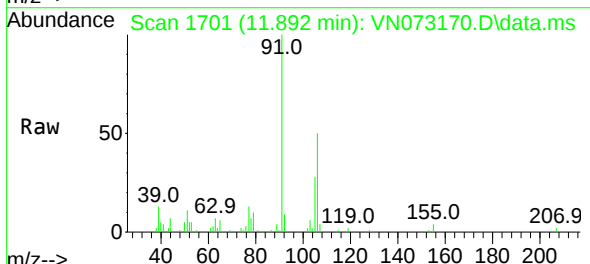
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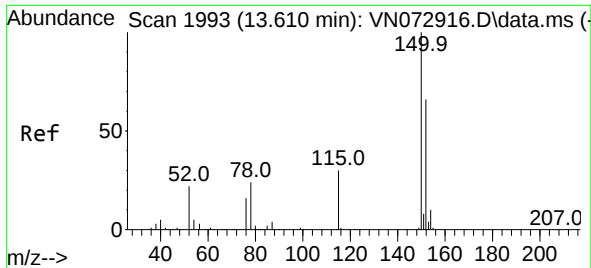
Tgt Ion:117 Resp: 485535
Ion Ratio Lower Upper
117 100
82 57.6 44.2 66.2
119 32.6 25.4 38.0



#68
m/p-Xylenes
Concen: 2.193 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN073170.D
Acq: 27 Jun 2022 18:29

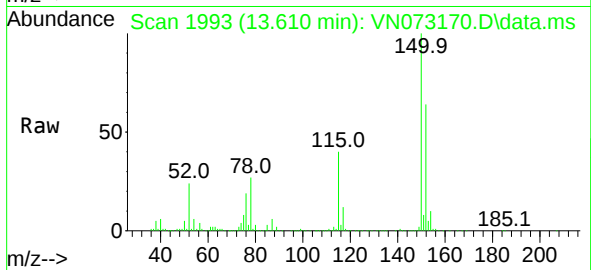
Tgt Ion:106 Resp: 14360
Ion Ratio Lower Upper
106 100
91 210.3 158.9 238.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN073170.D
 Acq: 27 Jun 2022 18:29

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:152 Resp: 247404
 Ion Ratio Lower Upper
 152 100
 115 60.4 28.9 86.7
 150 155.3 0.0 356.2

