

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031822\
 Data File : VN071379.D
 Acq On : 18 Mar 2022 17:55
 Operator : JC\MD
 Sample : N2009-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31722

Quant Time: Mar 19 07:10:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

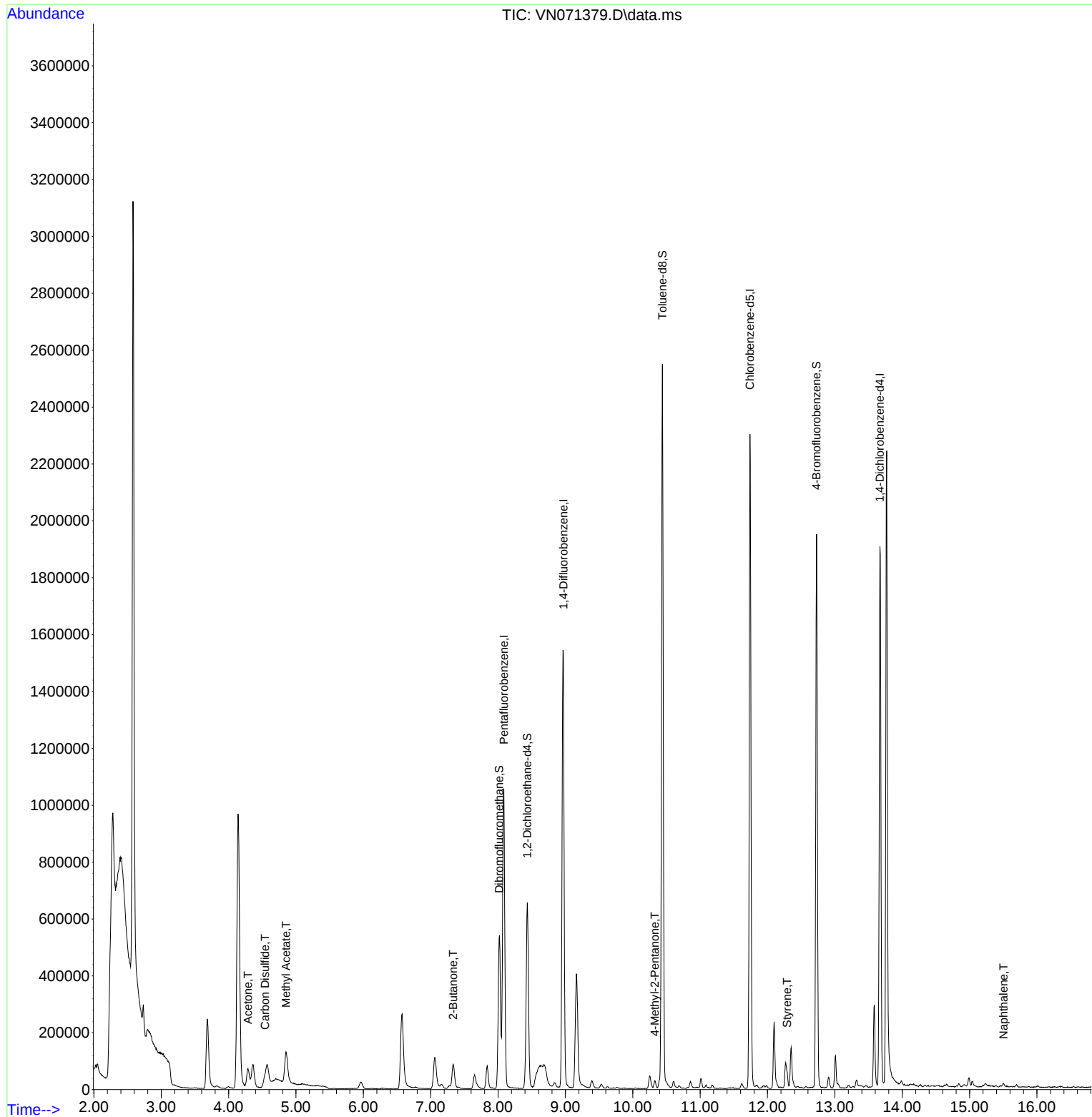
Internal Standards						
1) Pentafluorobenzene	8.087	168	815254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1369984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1306695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	526360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	527030	47.168	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.340%
35) Dibromofluoromethane	8.016	113	405454	46.900	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.800%
50) Toluene-d8	10.439	98	1690327	48.562	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.120%
62) 4-Bromofluorobenzene	12.727	95	667341	56.618	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	113.240%
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	127850	23.517	ug/l #	89
17) Carbon Disulfide	4.540	76	103720	4.458	ug/l	97
18) Methyl Acetate	4.851	43	234717	16.394	ug/l	96
25) 2-Butanone	7.334	43	151329	17.279	ug/l	95
51) 4-Methyl-2-Pentanone	10.328	43	18719	1.058	ug/l	94
70) Styrene	12.292	104	21071	0.748	ug/l #	88
95) Naphthalene	15.504	128	12253	5.524	ug/l	97

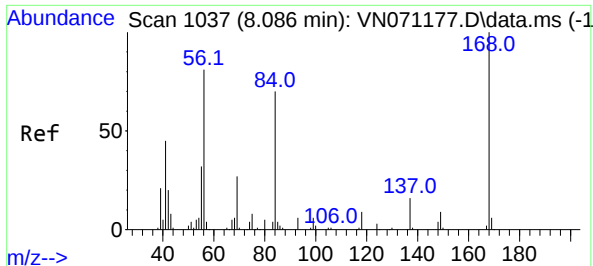
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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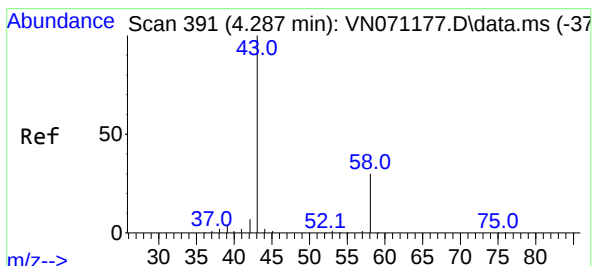
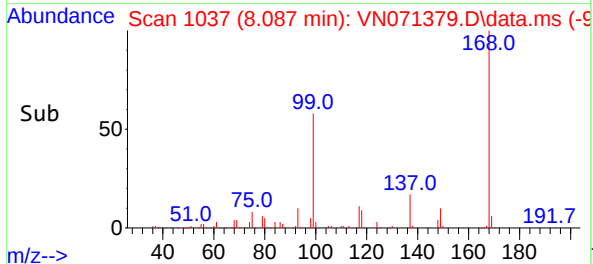
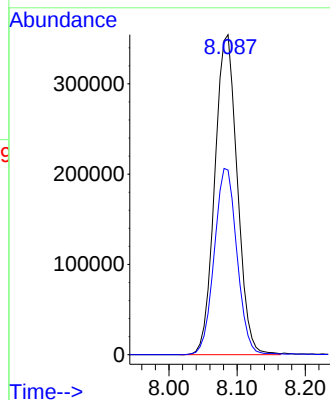
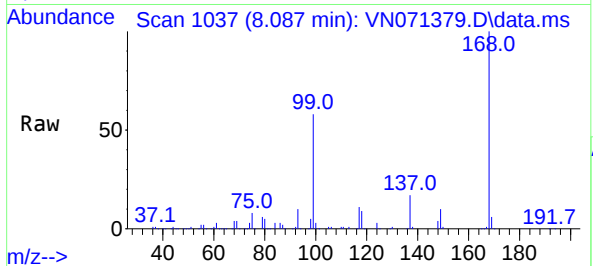




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VN071379.D
Acq: 18 Mar 2022 17:55

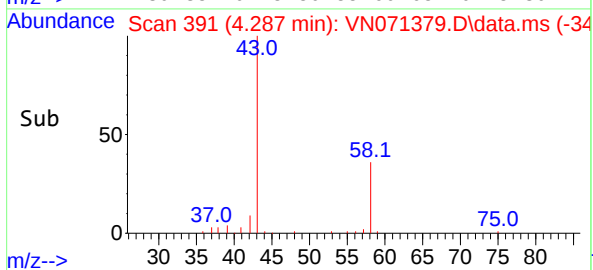
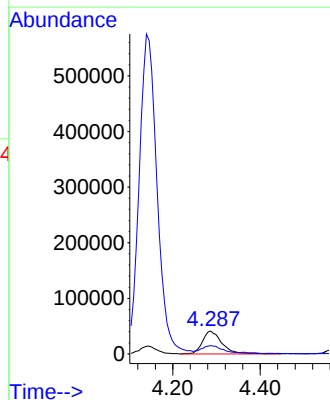
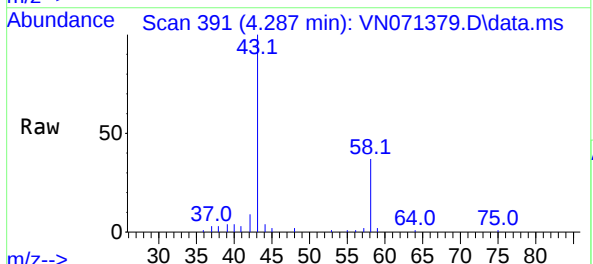
Instrument :
MSVOA_N
ClientSampleId :
31722

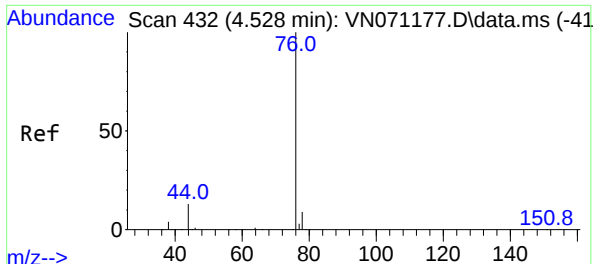
Tgt Ion:168 Resp: 815254
Ion Ratio Lower Upper
168 100
99 57.7 41.3 61.9



#16
Acetone
Concen: 23.517 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN071379.D
Acq: 18 Mar 2022 17:55

Tgt Ion: 43 Resp: 127850
Ion Ratio Lower Upper
43 100
58 34.7 23.1 34.7#

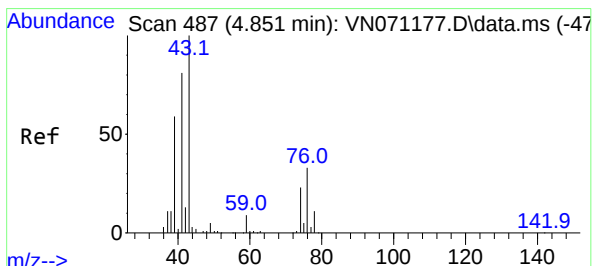
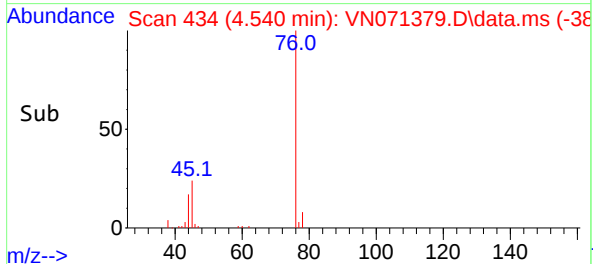
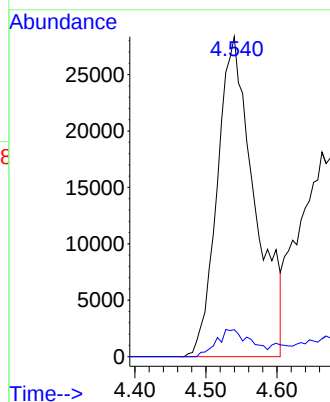
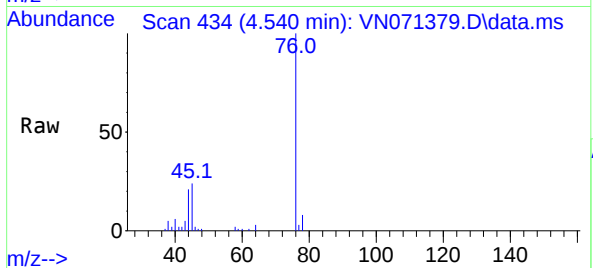




#17
Carbon Disulfide
Concen: 4.458 ug/l
RT: 4.540 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN071379.D
Acq: 18 Mar 2022 17:55

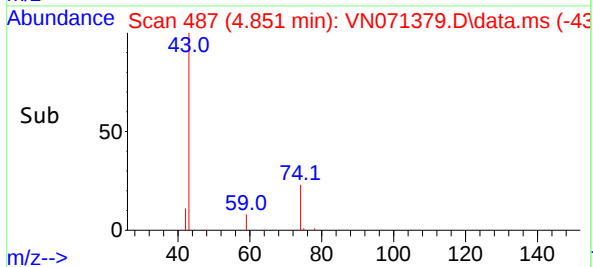
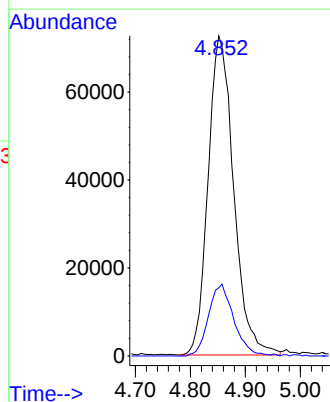
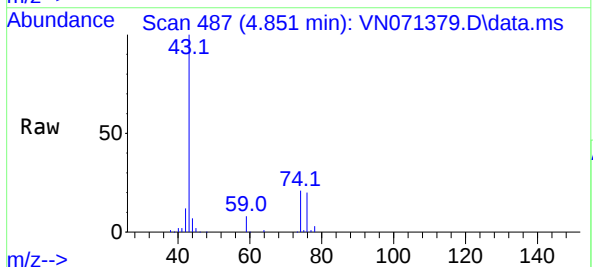
Instrument :
MSVOA_N
ClientSampleId :
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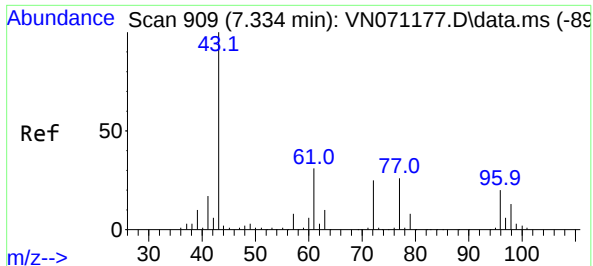
Tgt Ion: 76 Resp: 103720
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3



#18
Methyl Acetate
Concen: 16.394 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071379.D
Acq: 18 Mar 2022 17:55

Tgt Ion: 43 Resp: 234717
Ion Ratio Lower Upper
43 100
74 22.1 19.4 29.2





#25

2-Butanone

Concen: 17.279 ug/l

RT: 7.334 min Scan# 909

Delta R.T. 0.000 min

Lab File: VN071379.D

Acq: 18 Mar 2022 17:55

Instrument :

MSVOA_N

ClientSampleId :

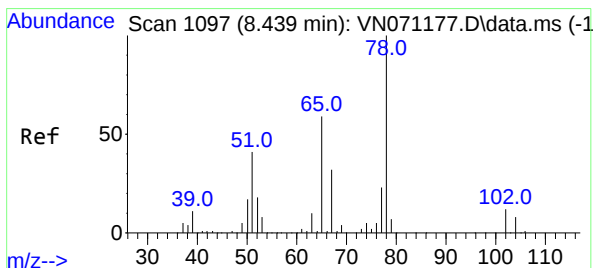
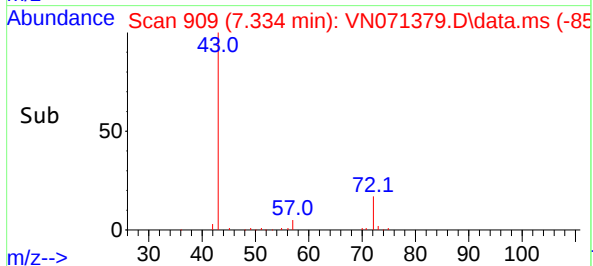
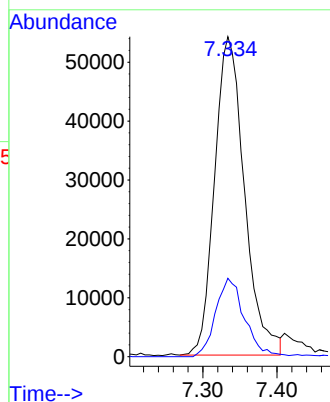
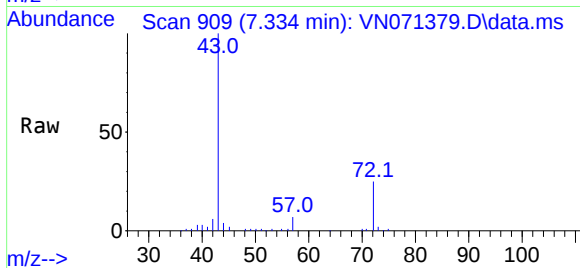
31722

Tgt Ion: 43 Resp: 151329

Ion Ratio Lower Upper

43 100

72 24.6 21.7 32.5



#33

1,2-Dichloroethane-d4

Concen: 47.168 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.006 min

Lab File: VN071379.D

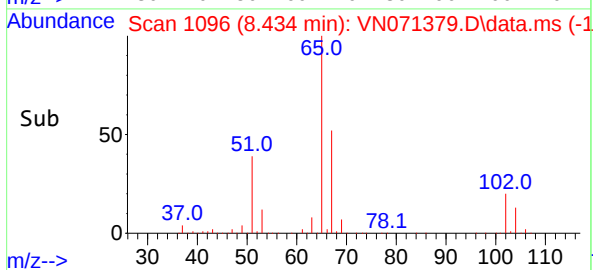
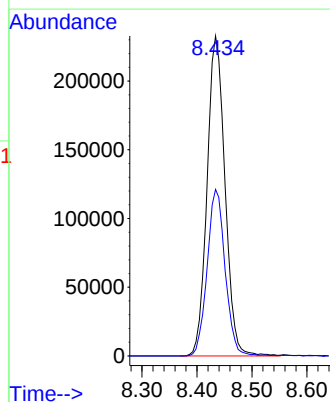
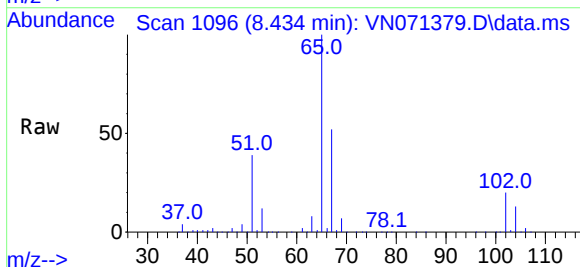
Acq: 18 Mar 2022 17:55

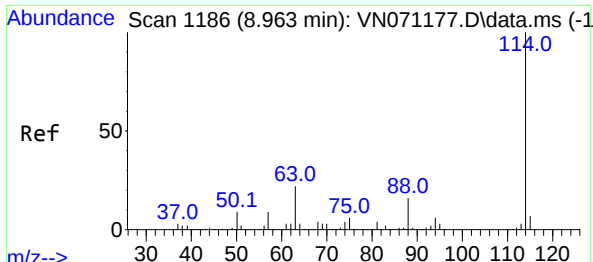
Tgt Ion: 65 Resp: 527030

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1186

Delta R.T. 0.006 min

Lab File: VN071379.D

Acq: 18 Mar 2022 17:55

Instrument :

MSVOA_N

ClientSampleId :

31722

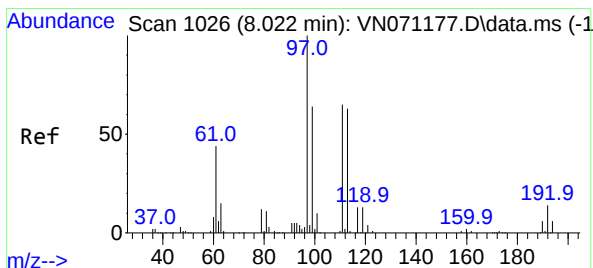
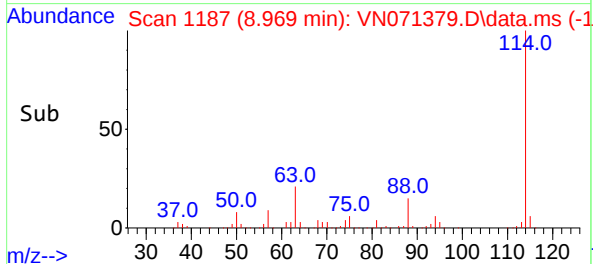
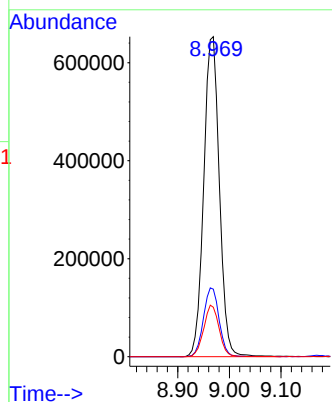
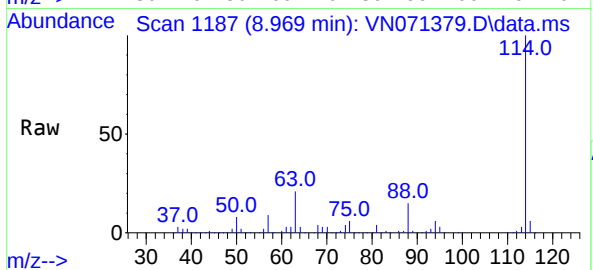
Tgt Ion:114 Resp: 1369984

Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.8

88 15.4 0.0 27.4



#35

Dibromofluoromethane

Concen: 46.900 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN071379.D

Acq: 18 Mar 2022 17:55

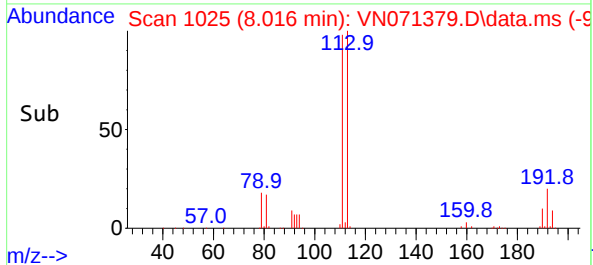
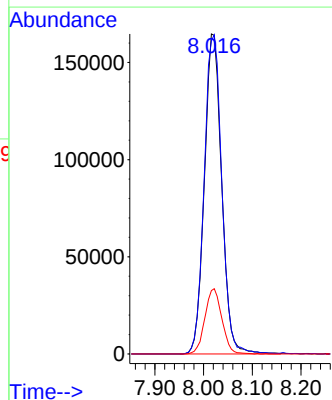
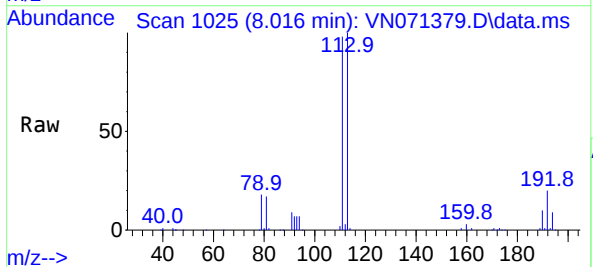
Tgt Ion:113 Resp: 405454

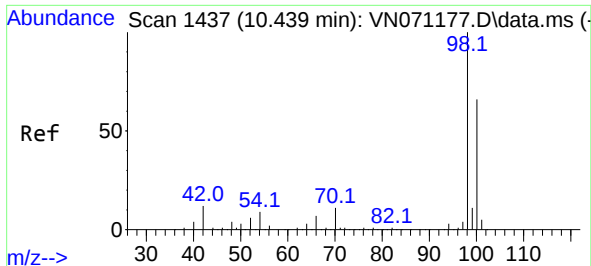
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.2

192 20.0 16.9 25.3

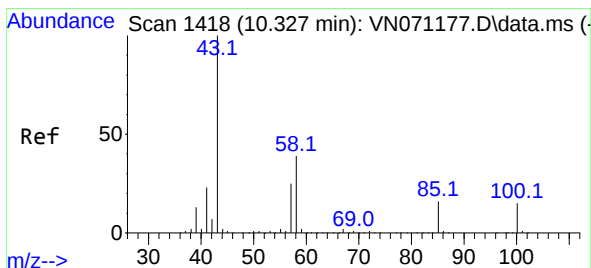
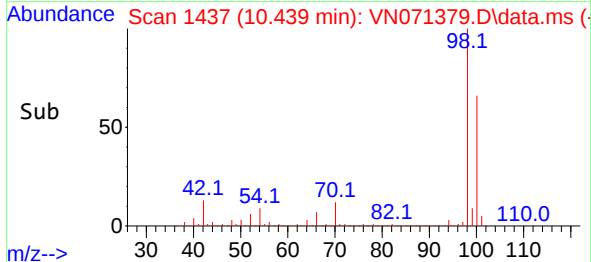
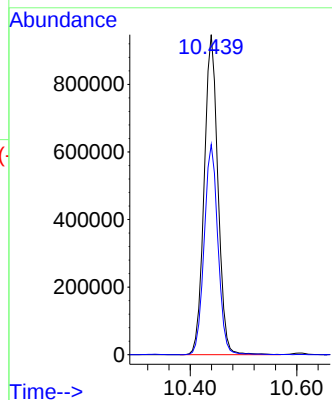
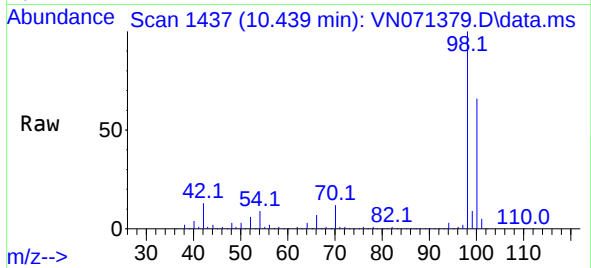




#50
Toluene-d8
Concen: 48.562 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071379.D
Acq: 18 Mar 2022 17:55

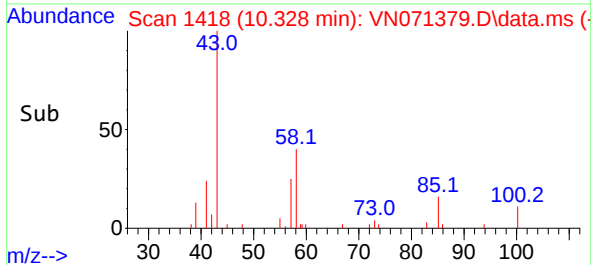
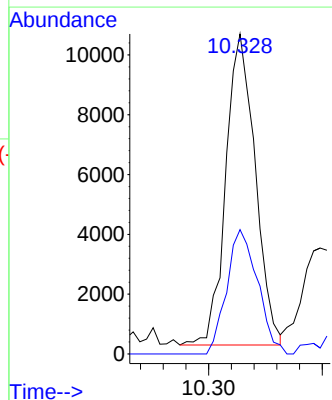
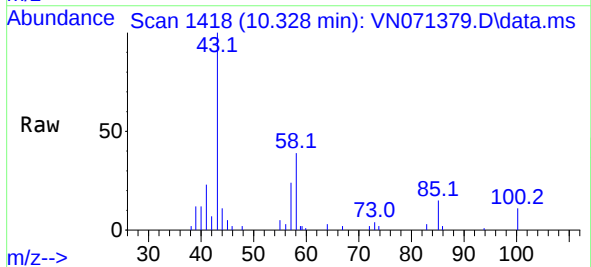
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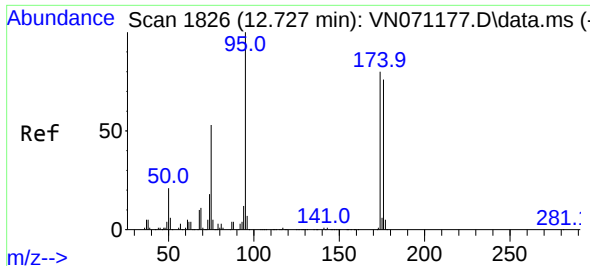
Tgt Ion: 98 Resp: 1690327
Ion Ratio Lower Upper
98 100
100 65.8 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 1.058 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.001 min
Lab File: VN071379.D
Acq: 18 Mar 2022 17:55

Tgt Ion: 43 Resp: 18719
Ion Ratio Lower Upper
43 100
58 41.9 30.4 45.6

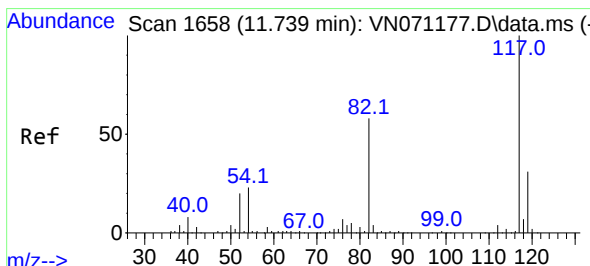
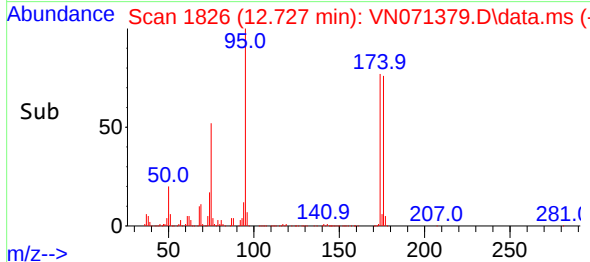
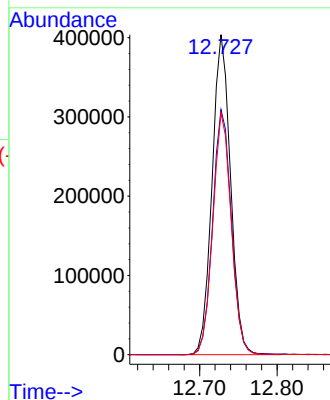
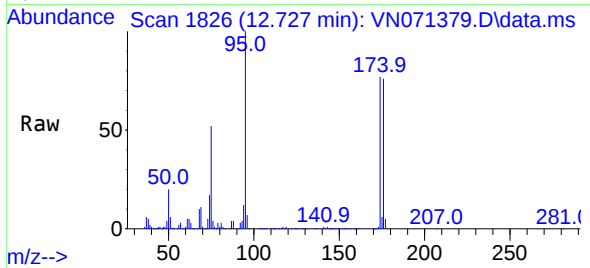




#62
4-Bromofluorobenzene
Concen: 56.618 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071379.D
Acq: 18 Mar 2022 17:55

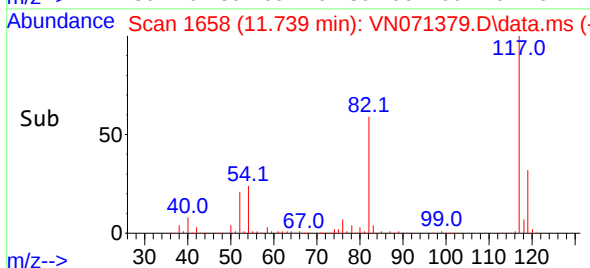
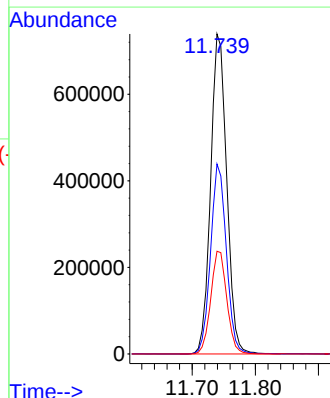
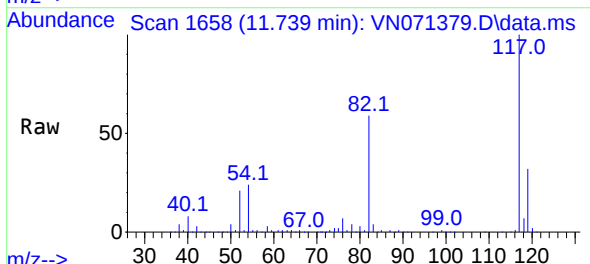
Instrument :
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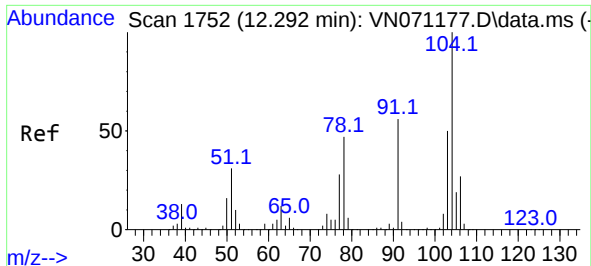
Tgt Ion: 95 Resp: 667341
Ion Ratio Lower Upper
95 100
174 77.8 0.0 187.2
176 75.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071379.D
Acq: 18 Mar 2022 17:55

Tgt Ion: 117 Resp: 1306695
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 32.1 25.4 38.2

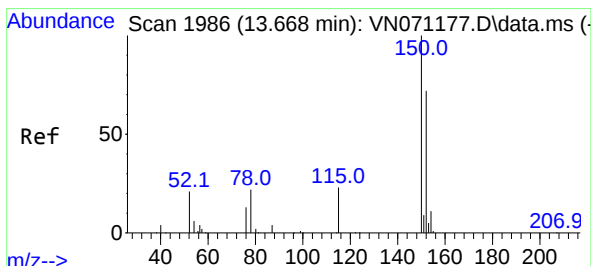
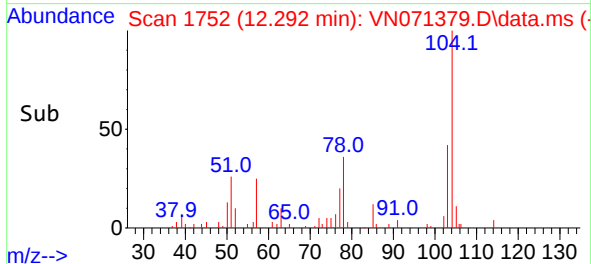
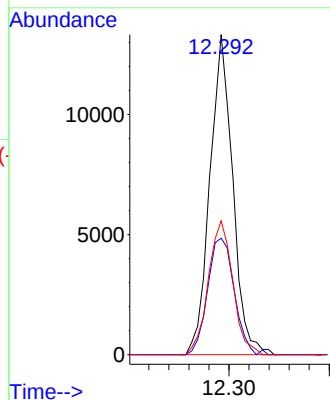
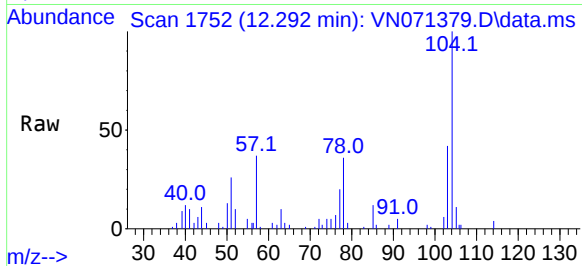




#70
Styrene
Concen: 0.748 ug/l
RT: 12.292 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN071379.D
Acq: 18 Mar 2022 17:55

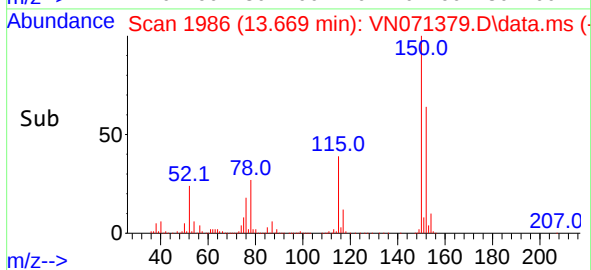
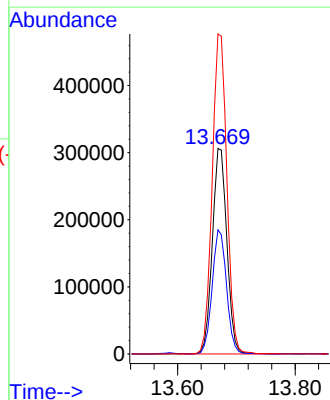
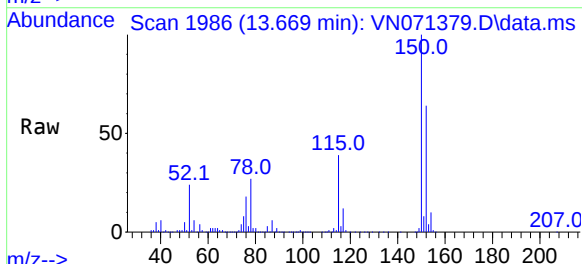
Instrument :
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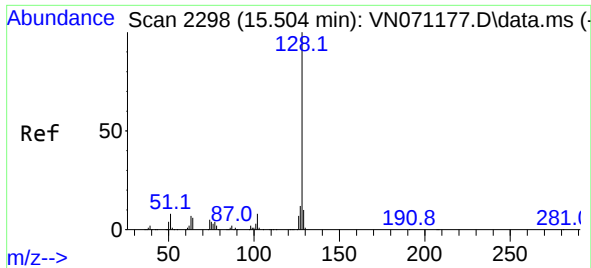
Tgt Ion:104 Resp: 21071
Ion Ratio Lower Upper
104 100
78 42.4 38.7 58.1
103 44.9 45.0 67.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN071379.D
Acq: 18 Mar 2022 17:55

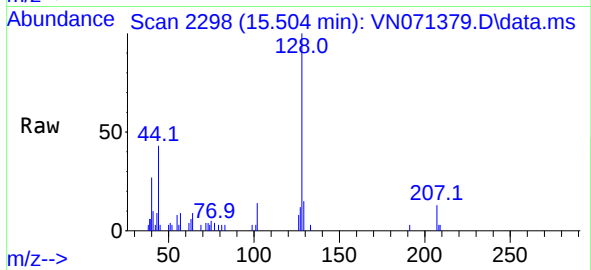
Tgt Ion:152 Resp: 526360
Ion Ratio Lower Upper
152 100
115 59.7 27.5 82.5
150 156.8 0.0 344.4





#95
Naphthalene
Concen: 5.524 ug/l
RT: 15.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071379.D
Acq: 18 Mar 2022 17:55

Instrument :
MSVOA_N
ClientSampleId :
31722



Tgt Ion:	128	Resp:	12253
Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.5	15.7
129	10.0	8.7	13.1

