

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031822\
 Data File : VN071370.D
 Acq On : 18 Mar 2022 14:17
 Operator : JC\MD
 Sample : N2009-06 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40453

Quant Time: Mar 19 07:06:58 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)

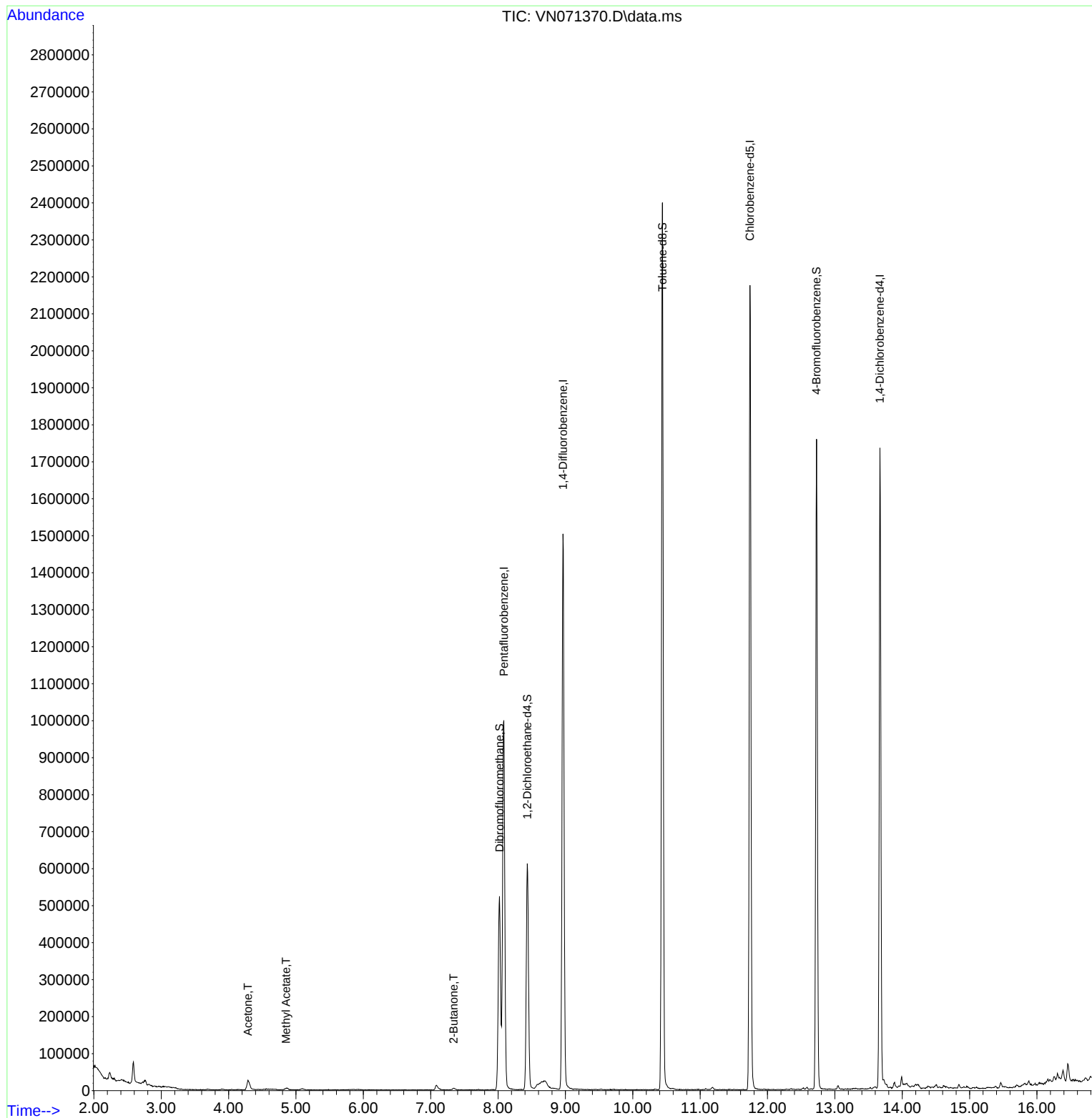
Internal Standards						
1) Pentafluorobenzene	8.086	168	780994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1307487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1260137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	468039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	505647	47.240	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.480%
35) Dibromofluoromethane	8.022	113	386260	46.815	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.640%
50) Toluene-d8	10.439	98	1621488	48.811	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.620%
62) 4-Bromofluorobenzene	12.727	95	609313	54.166	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.340%
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	47530	9.126	ug/l	90
18) Methyl Acetate	4.851	43	10572	1.219	ug/l	99
25) 2-Butanone	7.339	43	8872	1.057	ug/l #	88

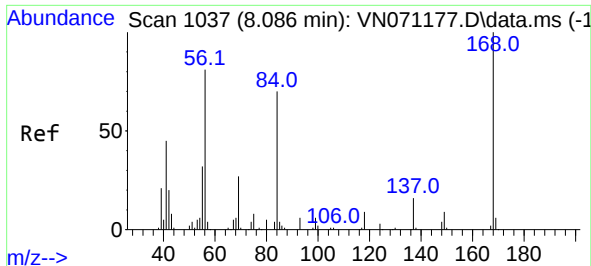
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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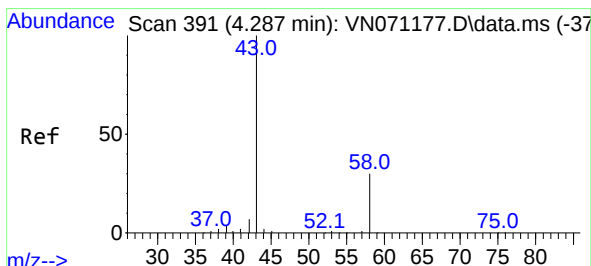
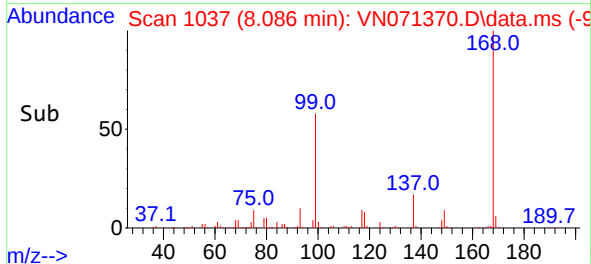
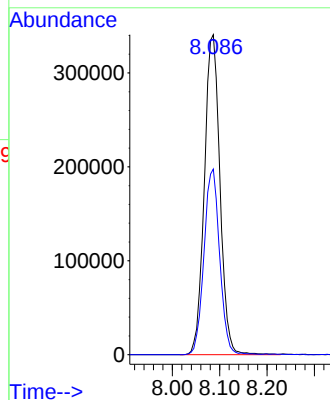
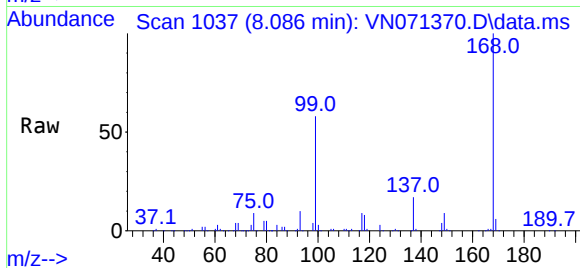




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN071370.D
Acq: 18 Mar 2022 14:17

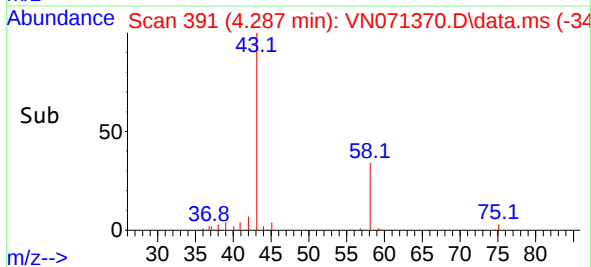
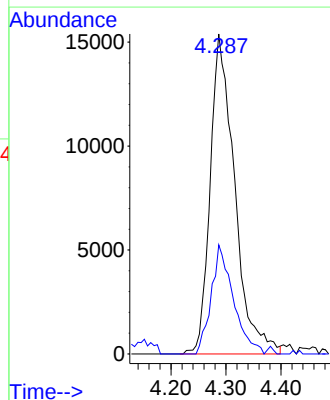
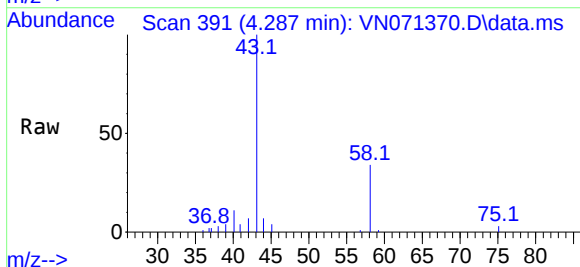
Instrument :
MSVOA_N
ClientSampleId :
40453

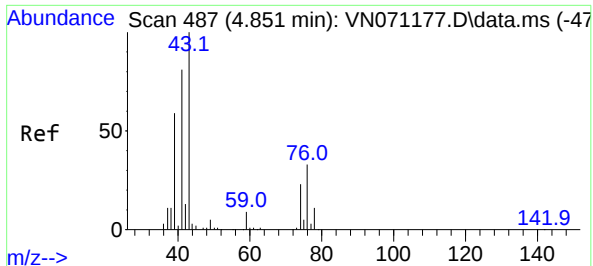
Tgt Ion:168 Resp: 780994
Ion Ratio Lower Upper
168 100
99 58.0 41.3 61.9



#16
Acetone
Concen: 9.126 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN071370.D
Acq: 18 Mar 2022 14:17

Tgt Ion: 43 Resp: 47530
Ion Ratio Lower Upper
43 100
58 34.1 23.1 34.7

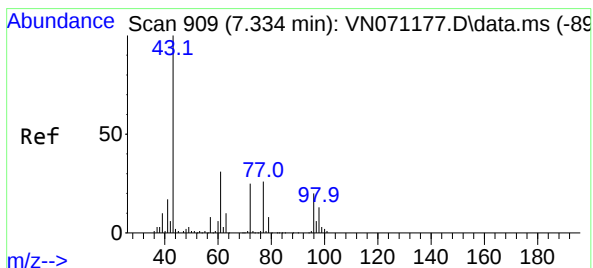
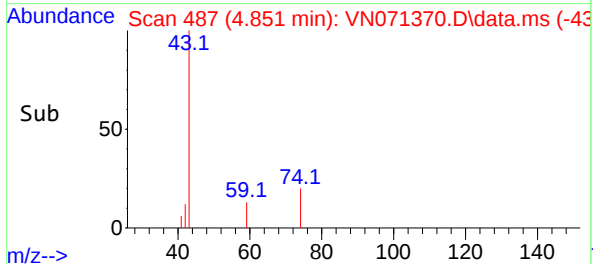
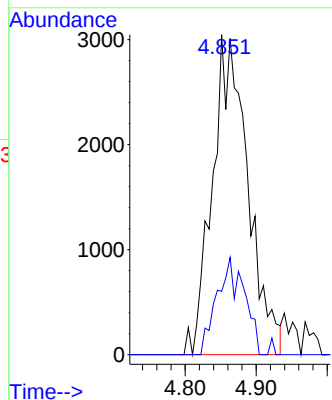
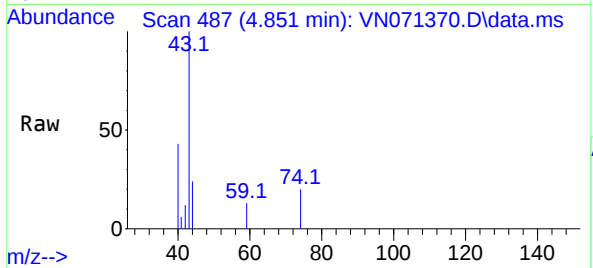




#18
Methyl Acetate
Concen: 1.219 ug/l
RT: 4.851 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN071370.D
Acq: 18 Mar 2022 14:17

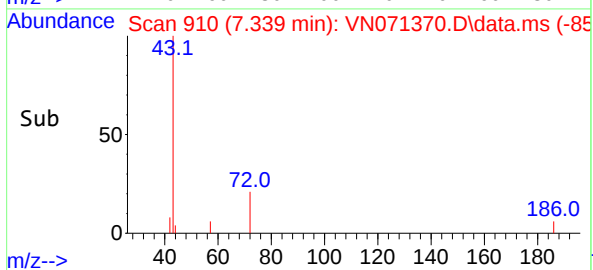
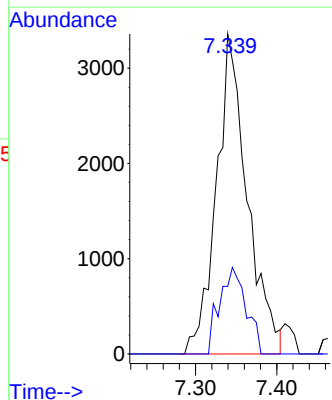
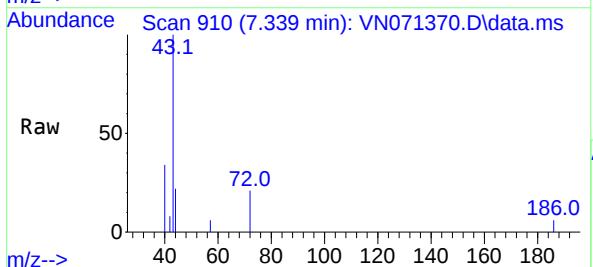
Instrument :
MSVOA_N
ClientSampleId :
40453

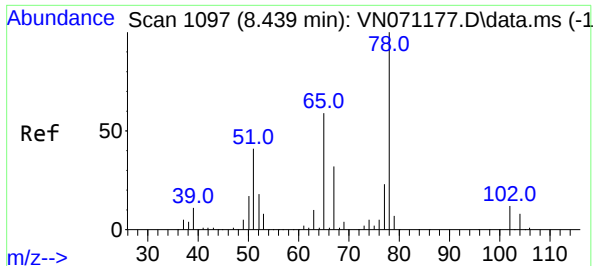
Tgt Ion: 43 Resp: 10572
Ion Ratio Lower Upper
43 100
74 23.6 19.4 29.2



#25
2-Butanone
Concen: 1.057 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN071370.D
Acq: 18 Mar 2022 14:17

Tgt Ion: 43 Resp: 8872
Ion Ratio Lower Upper
43 100
72 21.1 21.7 32.5#





#33

1,2-Dichloroethane-d4

Concen: 47.240 ug/l

RT: 8.434 min Scan# 1097

Delta R.T. -0.006 min

Lab File: VN071370.D

Acq: 18 Mar 2022 14:17

Instrument :

MSVOA_N

ClientSampleId :

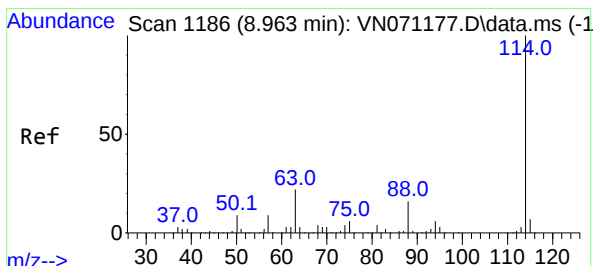
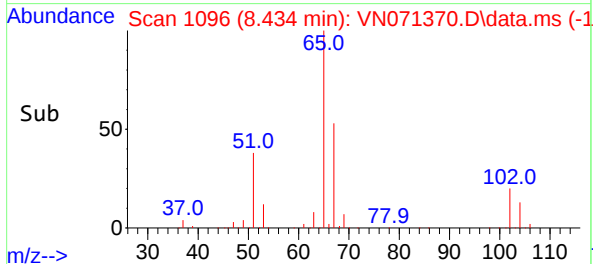
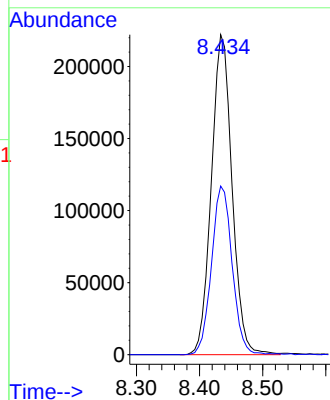
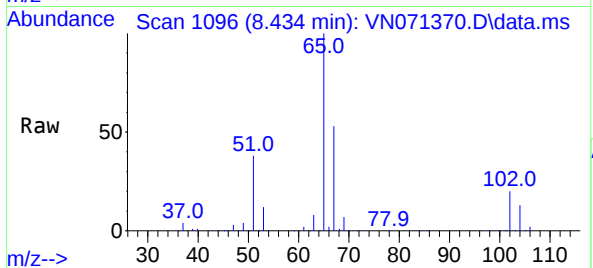
40453

Tgt Ion: 65 Resp: 505647

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071370.D

Acq: 18 Mar 2022 14:17

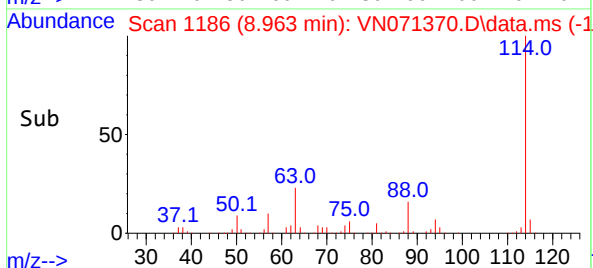
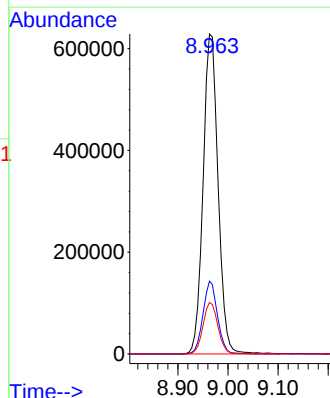
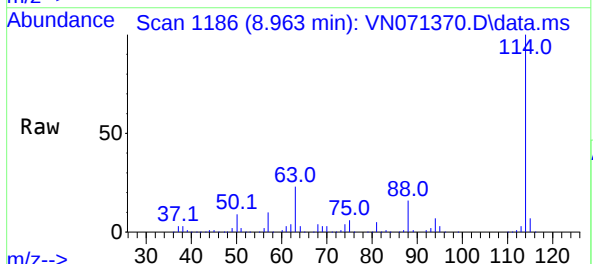
Tgt Ion: 114 Resp: 1307487

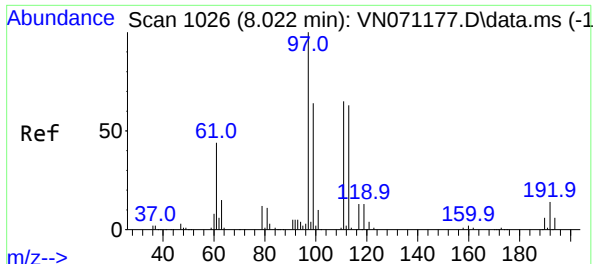
Ion Ratio Lower Upper

114 100

63 22.8 0.0 37.8

88 16.1 0.0 27.4

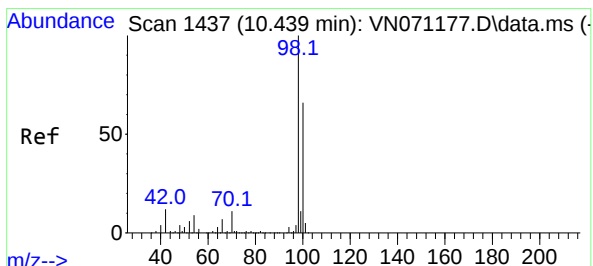
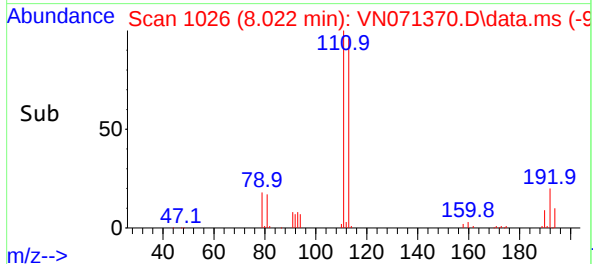
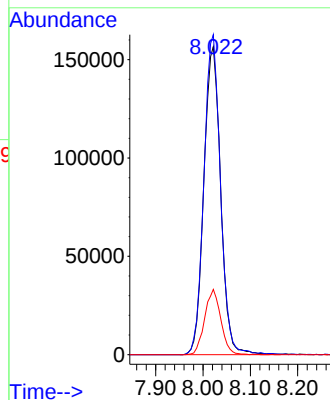
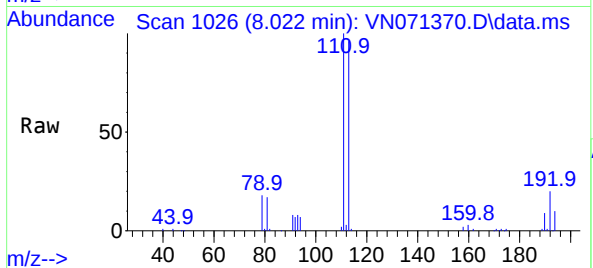




#35
Dibromofluoromethane
Concen: 46.815 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN071370.D
Acq: 18 Mar 2022 14:17

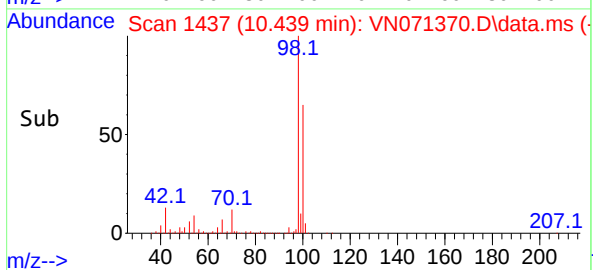
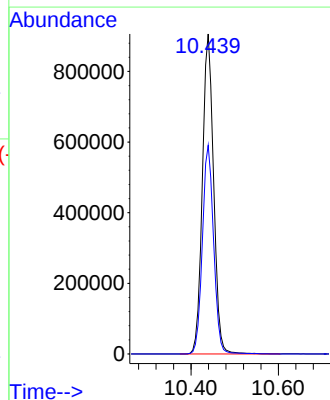
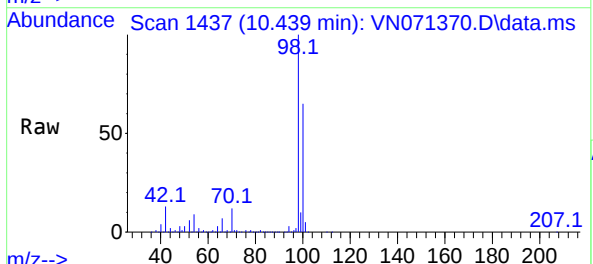
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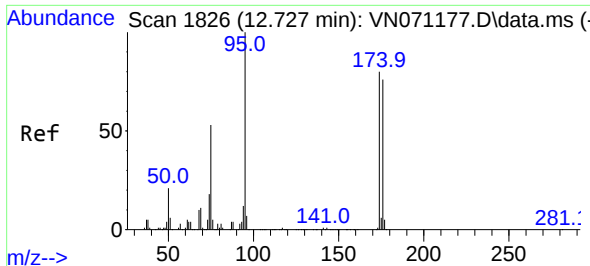
Tgt Ion:113 Resp: 386260
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 20.3 16.9 25.3



#50
Toluene-d8
Concen: 48.811 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071370.D
Acq: 18 Mar 2022 14:17

Tgt Ion: 98 Resp: 1621488
Ion Ratio Lower Upper
98 100
100 65.2 50.4 75.6

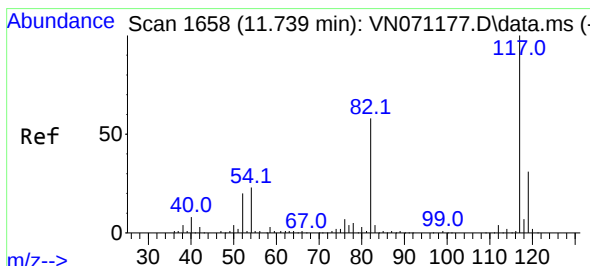
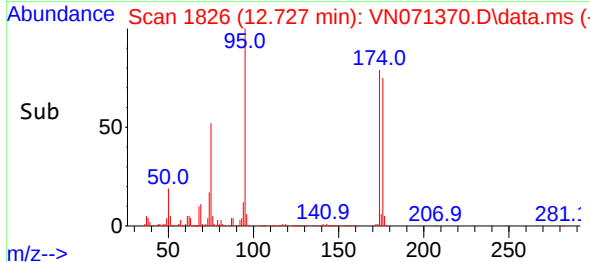
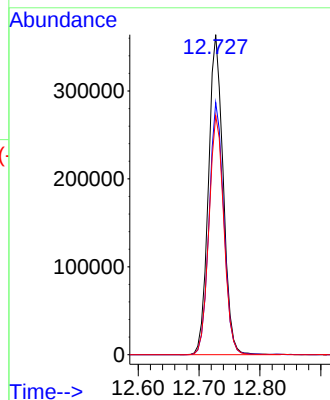
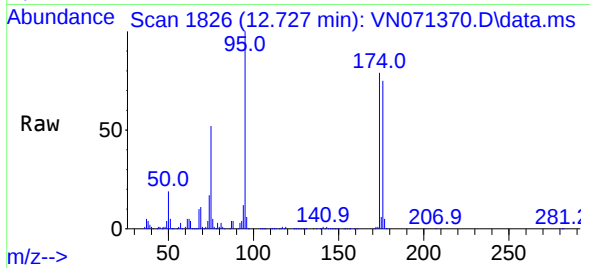




#62
4-Bromofluorobenzene
Concen: 54.166 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071370.D
Acq: 18 Mar 2022 14:17

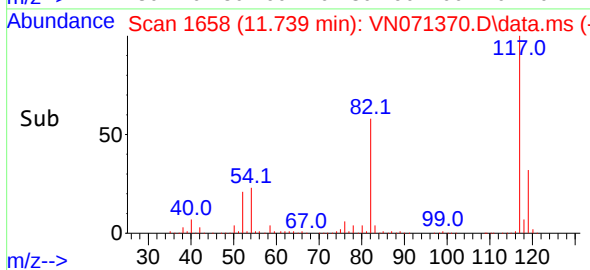
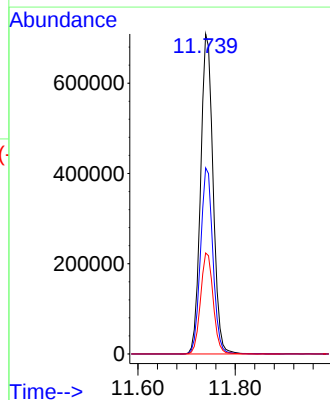
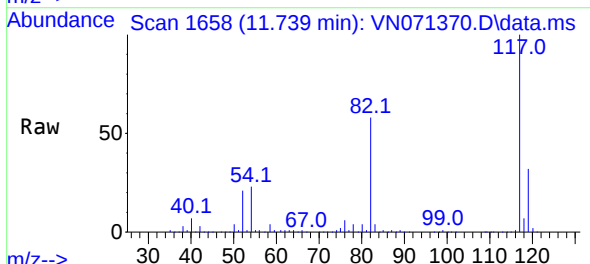
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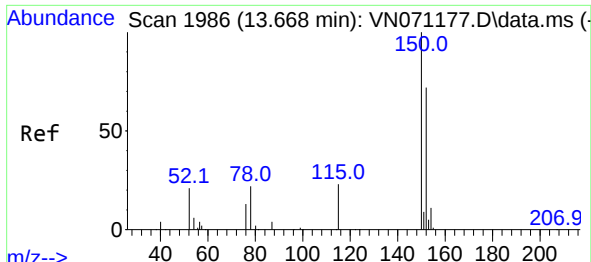
Tgt Ion: 95 Resp: 609313
Ion Ratio Lower Upper
95 100
174 78.5 0.0 187.2
176 75.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071370.D
Acq: 18 Mar 2022 14:17

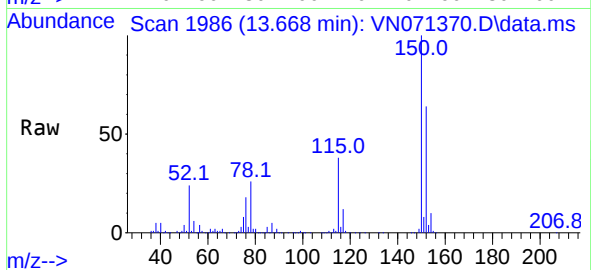
Tgt Ion: 117 Resp: 1260137
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 31.6 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN071370.D
 Acq: 18 Mar 2022 14:17

Instrument :
 MSVOA_N
 ClientSampleId :
 40453



Tgt Ion:152 Resp: 468039

Ion	Ratio	Lower	Upper
152	100		
115	59.1	27.5	82.5
150	157.8	0.0	344.4

