

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032823\
 Data File : VN077237.D
 Acq On : 28 Mar 2023 15:17
 Operator : JC\MD
 Sample : 02102-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CHAMBER-C-72-EAST

Quant Time: Mar 29 01:15:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:47:06 2023
 Response via : Initial Calibration

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

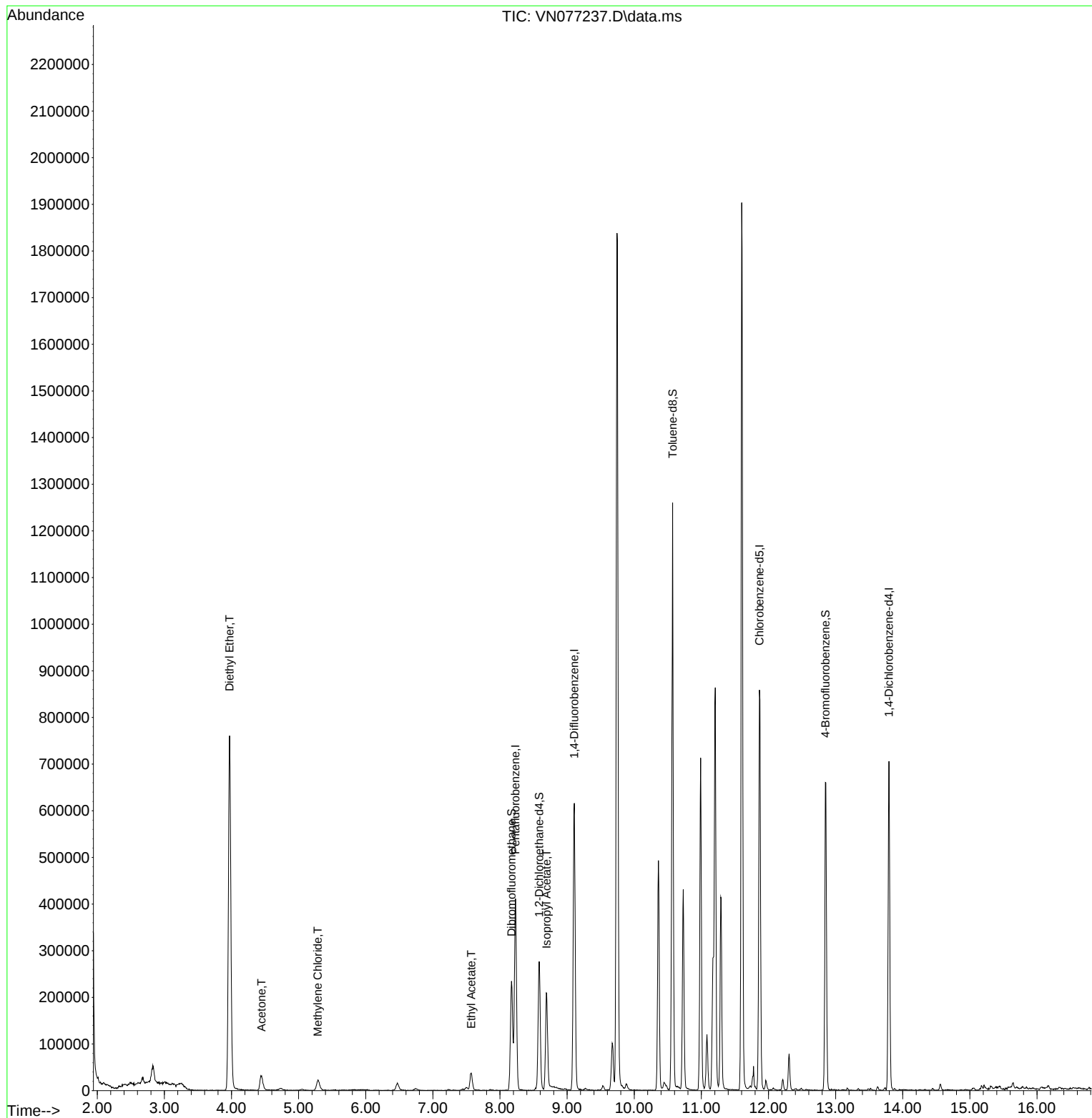
Internal Standards						
1) Pentafluorobenzene	8.230	168	282573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	492780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	449932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	167290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	214305	48.506	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.020%
35) Dibromofluoromethane	8.172	113	156635	46.844	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.680%
50) Toluene-d8	10.571	98	687305	54.857	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.720%
62) 4-Bromofluorobenzene	12.848	95	201545	49.014	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.020%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.972	74	435408	184.700	ug/l	63
16) Acetone	4.448	43	63329	38.550	ug/l #	81
20) Methylene Chloride	5.284	84	15731	4.300	ug/l #	87
37) Ethyl Acetate	7.572	43	58129	11.206	ug/l #	87
43) Isopropyl Acetate	8.695	43	248428	29.686	ug/l #	74

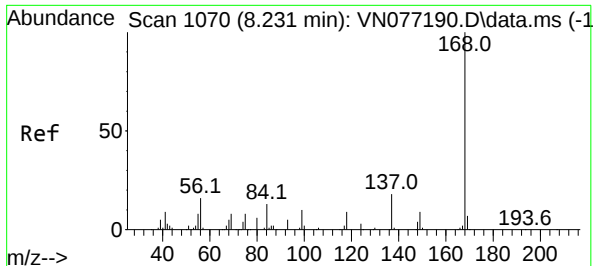
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

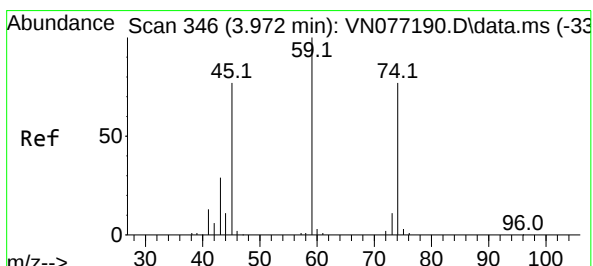
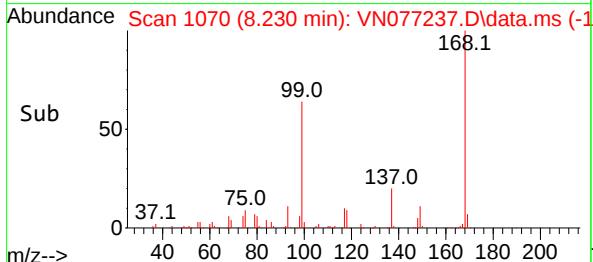
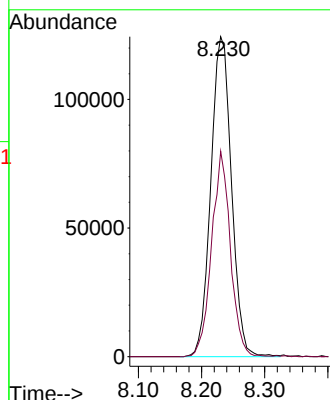
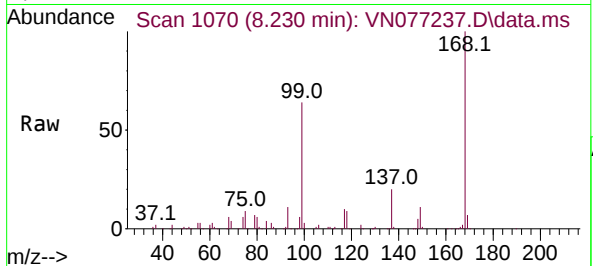




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN077237.D
Acq: 28 Mar 2023 15:17

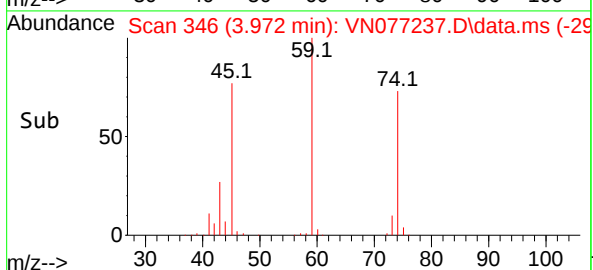
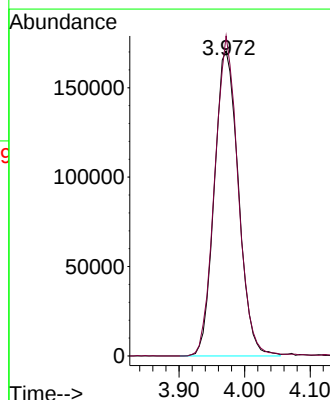
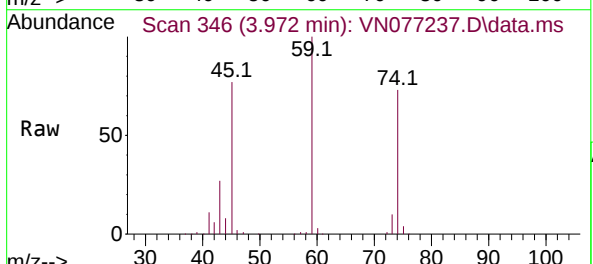
Instrument :
MSVOA_N
ClientSampleId :
CHAMBER-C-72-EAST

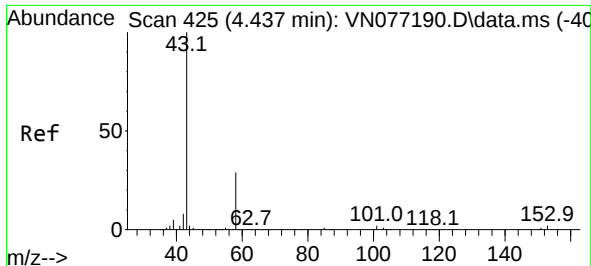
Tgt Ion:168 Resp: 282573
Ion Ratio Lower Upper
168 100
99 64.2 48.6 73.0



#8
Diethyl Ether
Concen: 184.700 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN077237.D
Acq: 28 Mar 2023 15:17

Tgt Ion: 74 Resp: 435408
Ion Ratio Lower Upper
74 100
45 102.0 35.5 106.5

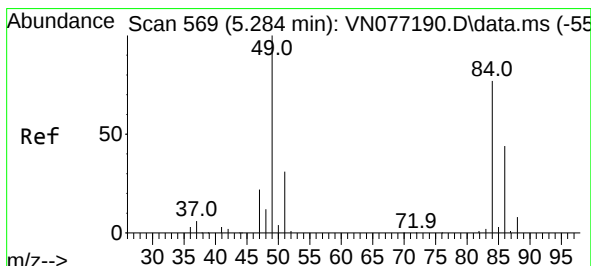
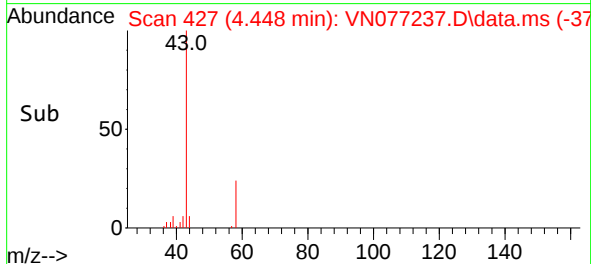
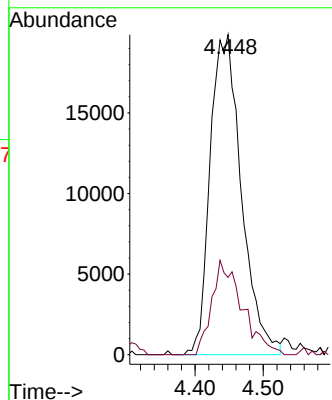
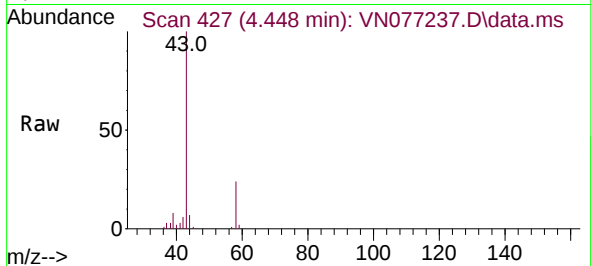




#16
Acetone
Concen: 38.550 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN077237.D
Acq: 28 Mar 2023 15:17

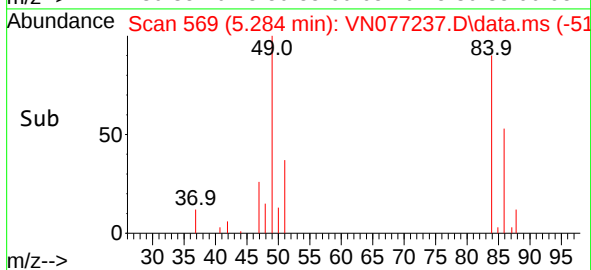
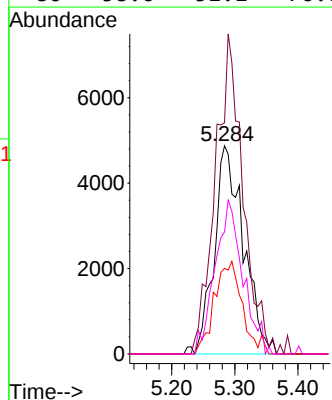
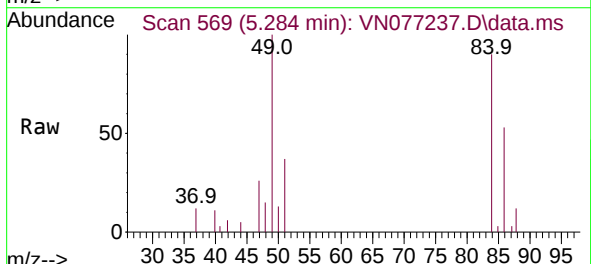
Instrument :
MSVOA_N
ClientSampleId :
CHAMBER-C-72-EAST

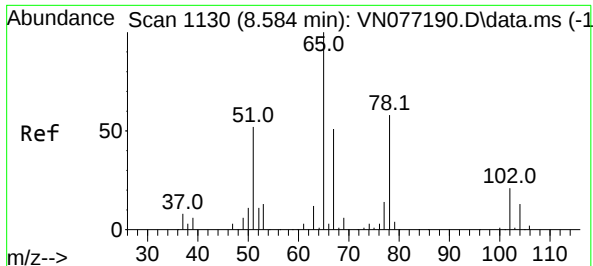
Tgt Ion: 43 Resp: 63329
Ion Ratio Lower Upper
43 100
58 24.1 28.2 42.2#



#20
Methylene Chloride
Concen: 4.300 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.000 min
Lab File: VN077237.D
Acq: 28 Mar 2023 15:17

Tgt Ion: 84 Resp: 15731
Ion Ratio Lower Upper
84 100
49 111.1 76.6 114.8
51 41.1 25.4 38.2#
86 58.6 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 48.506 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN077237.D

Acq: 28 Mar 2023 15:17

Instrument :

MSVOA_N

ClientSampleId :

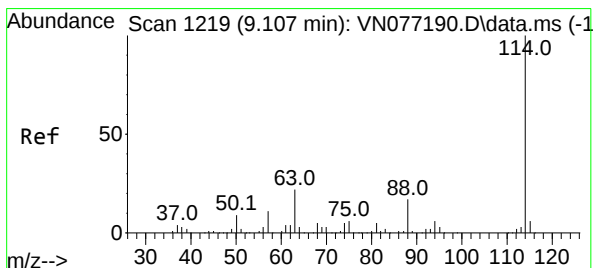
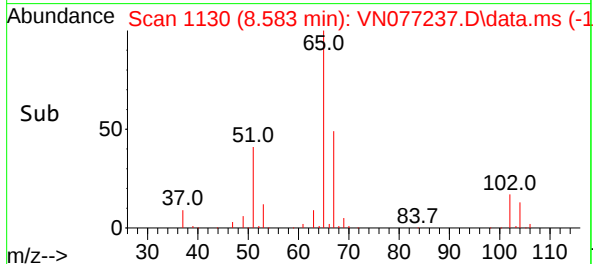
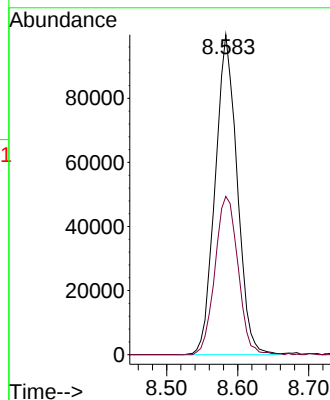
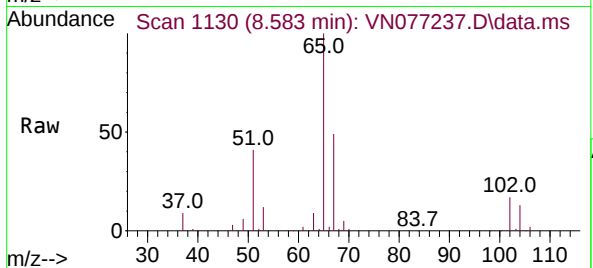
CHAMBER-C-72-EAST

Tgt Ion: 65 Resp: 214305

Ion Ratio Lower Upper

65 100

67 51.8 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077237.D

Acq: 28 Mar 2023 15:17

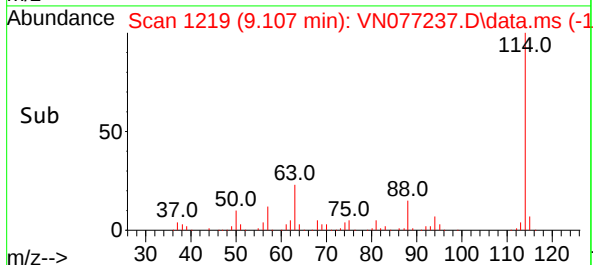
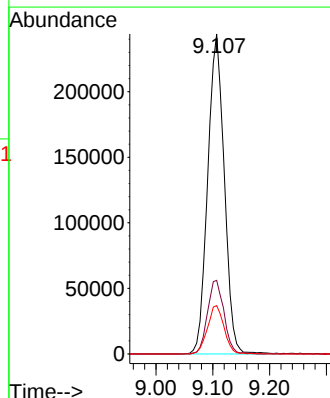
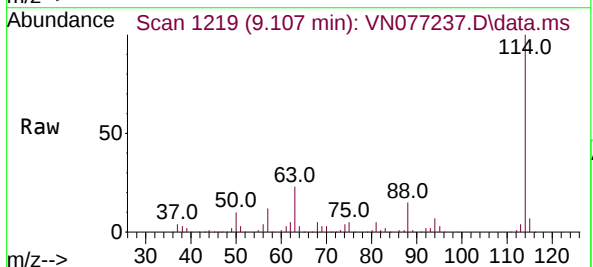
Tgt Ion: 114 Resp: 492780

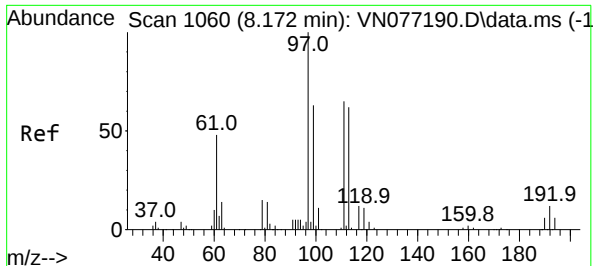
Ion Ratio Lower Upper

114 100

63 23.0 0.0 36.6

88 15.1 0.0 28.6

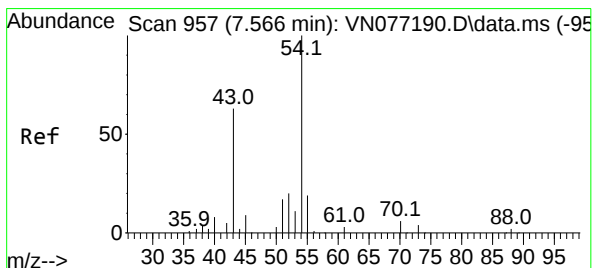
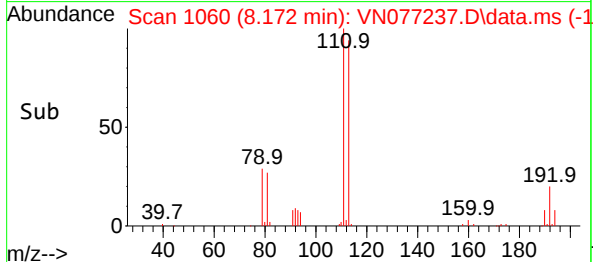
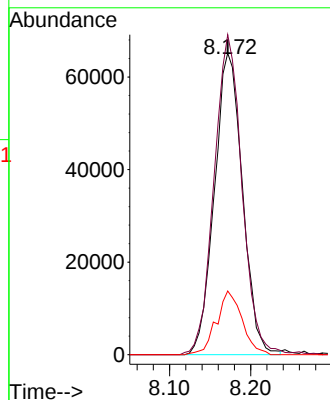
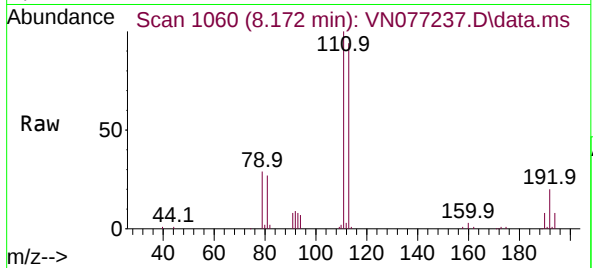




#35
Dibromofluoromethane
Concen: 46.844 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077237.D
Acq: 28 Mar 2023 15:17

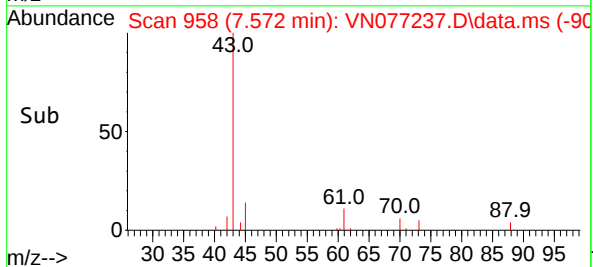
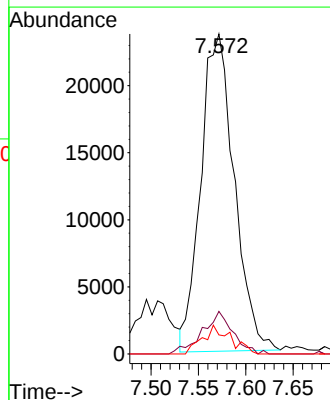
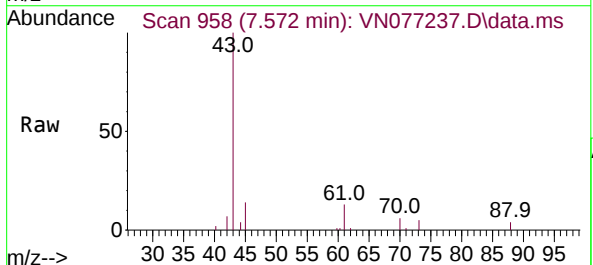
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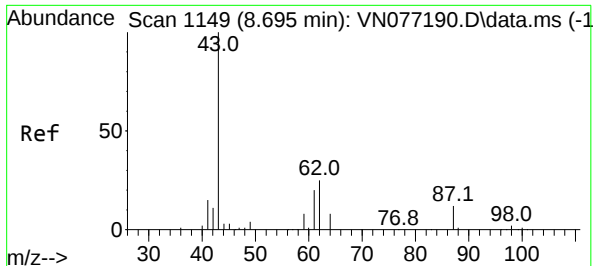
Tgt Ion:113 Resp: 156635
Ion Ratio Lower Upper
113 100
111 105.3 81.8 122.8
192 19.3 13.9 20.9



#37
Ethyl Acetate
Concen: 11.206 ug/l
RT: 7.572 min Scan# 958
Delta R.T. 0.006 min
Lab File: VN077237.D
Acq: 28 Mar 2023 15:17

Tgt Ion: 43 Resp: 58129
Ion Ratio Lower Upper
43 100
61 12.2 13.5 20.3#
70 7.6 11.0 16.6#

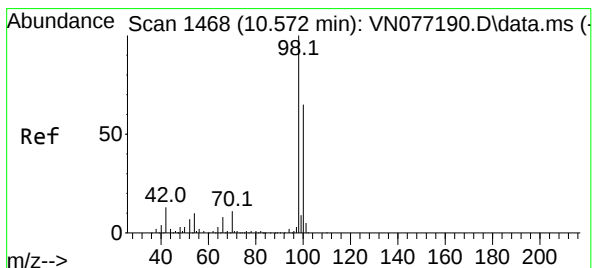
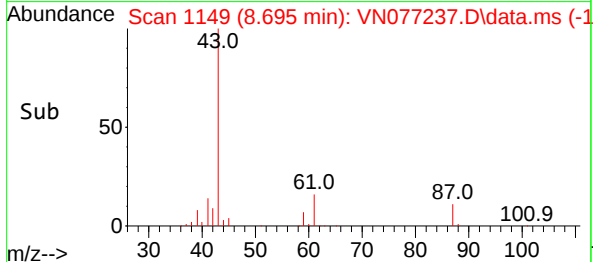
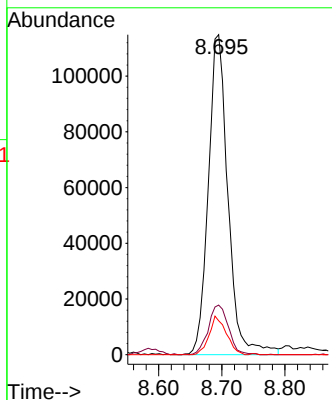
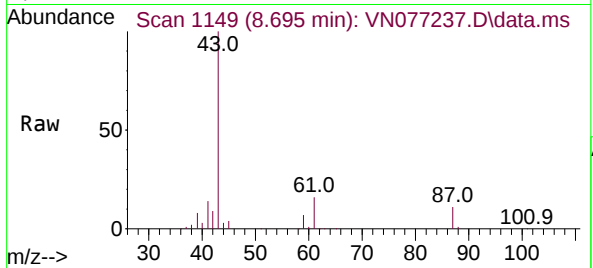




#43
Isopropyl Acetate
Concen: 29.686 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077237.D
Acq: 28 Mar 2023 15:17

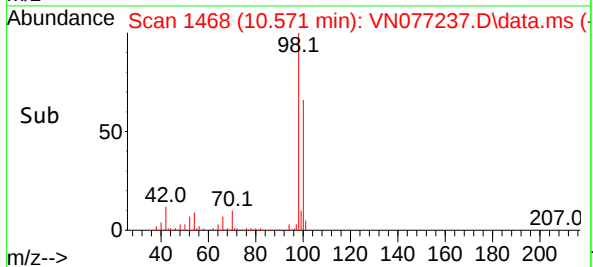
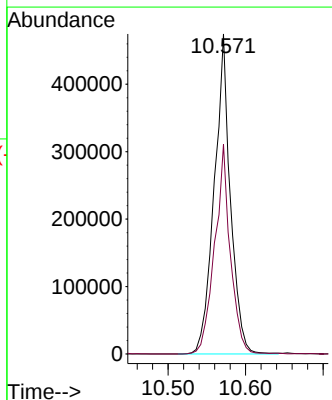
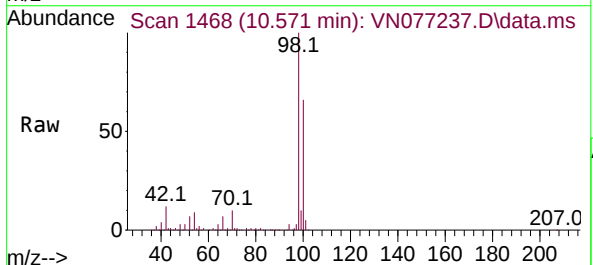
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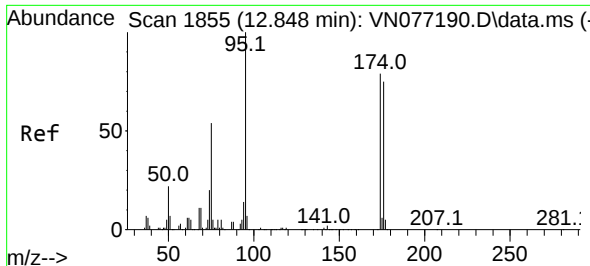
Tgt Ion: 43 Resp: 248428
Ion Ratio Lower Upper
43 100
61 15.9 26.2 39.2#
87 10.5 14.8 22.2#



#50
Toluene-d8
Concen: 54.857 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN077237.D
Acq: 28 Mar 2023 15:17

Tgt Ion: 98 Resp: 687305
Ion Ratio Lower Upper
98 100
100 63.5 52.8 79.2

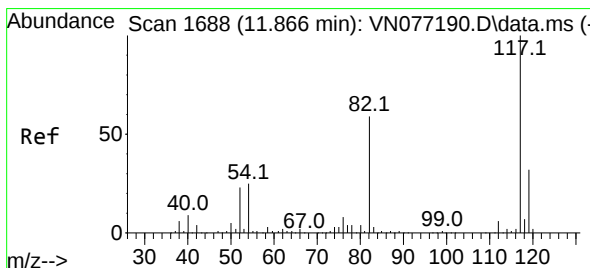
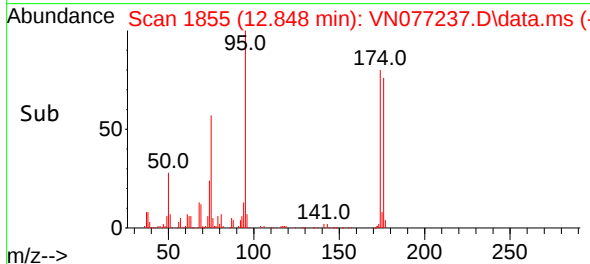
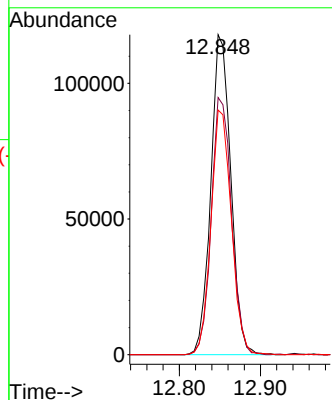
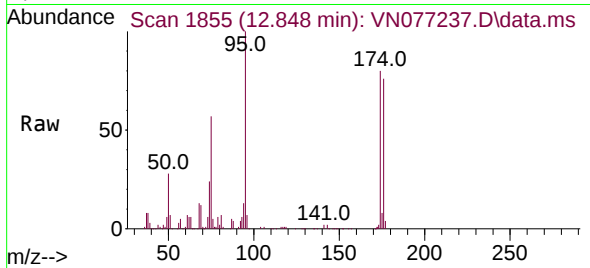




#62
4-Bromofluorobenzene
Concen: 49.014 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077237.D
Acq: 28 Mar 2023 15:17

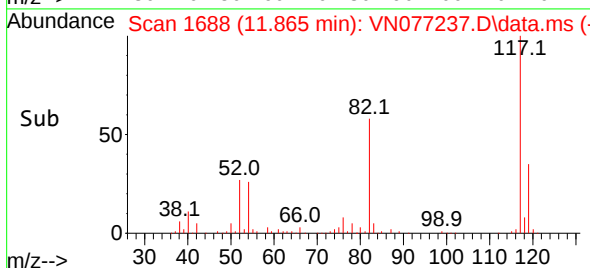
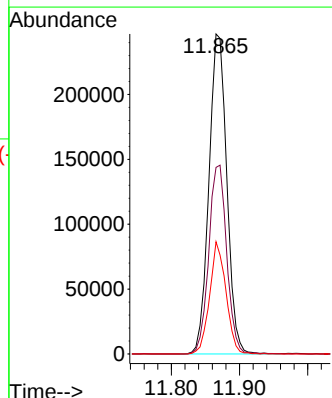
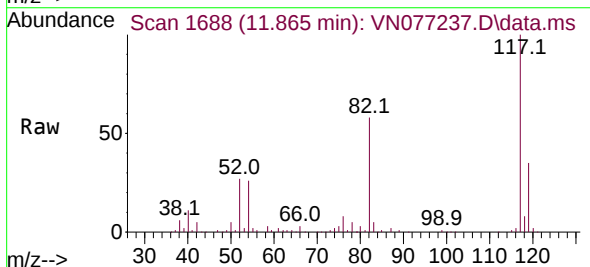
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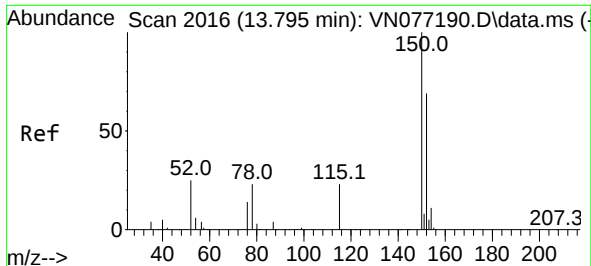
Tgt Ion:	95	Resp:	201545
Ion	Ratio	Lower	Upper
95	100		
174	81.4	0.0	162.4
176	78.0	0.0	157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1688
Delta R.T. -0.001 min
Lab File: VN077237.D
Acq: 28 Mar 2023 15:17

Tgt Ion:	117	Resp:	449932
Ion	Ratio	Lower	Upper
117	100		
82	58.3	43.5	65.3
119	35.1	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN077237.D

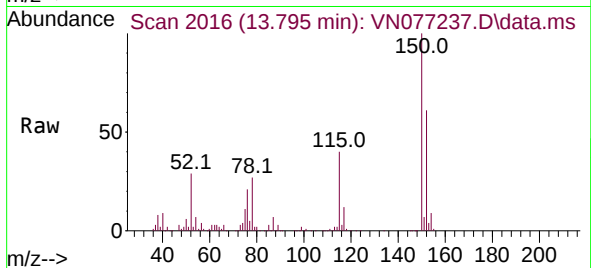
Acq: 28 Mar 2023 15:17

Instrument :

MSVOA_N

ClientSampleId :

CHAMBER-C-72-EAST



Tgt Ion:152 Resp: 167290

Ion Ratio Lower Upper

152 100

115 61.4 30.3 90.9

150 157.4 0.0 353.6

