

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032123\
 Data File : VN077091.D
 Acq On : 21 Mar 2023 15:29
 Operator : JC\MD
 Sample : 01975-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CHAMBER-B-72-WEST

Quant Time: Mar 21 23:18:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

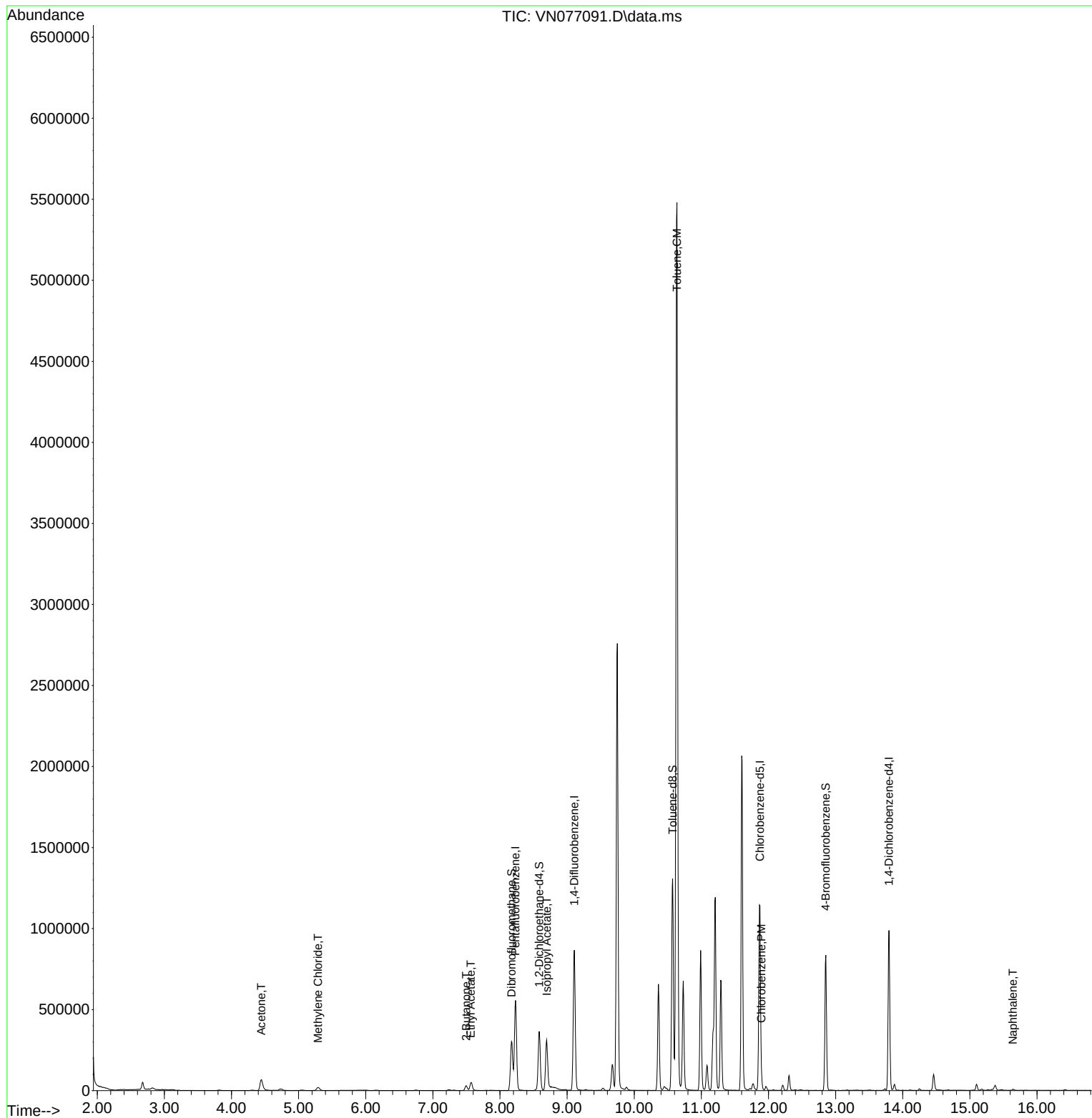
Internal Standards						
1) Pentafluorobenzene	8.231	168	386497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	717599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	660054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	251959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	302927	49.068	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.140%		
35) Dibromofluoromethane	8.172	113	224854	44.743	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.480%		
50) Toluene-d8	10.572	98	903180	50.312	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.620%		
62) 4-Bromofluorobenzene	12.854	95	294159	46.372	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.740%		
Target Compounds						
					Qvalue	
16) Acetone	4.443	43	129321	47.012	ug/l	97
20) Methylene Chloride	5.290	84	15396	2.579	ug/l	93
25) 2-Butanone	7.495	43	45618	11.336	ug/l	97
37) Ethyl Acetate	7.566	43	77536	9.232	ug/l	99
43) Isopropyl Acetate	8.695	43	366704	27.951	ug/l #	89
52) Toluene	10.636	92	2443037	171.883	ug/l	99
65) Chlorobenzene	11.895	112	24301	1.600	ug/l	93
95) Naphthalene	15.642	128	6495	2.285	ug/l #	94

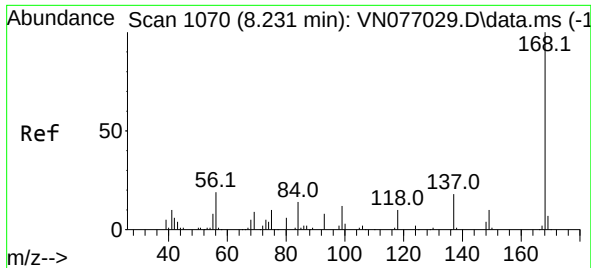
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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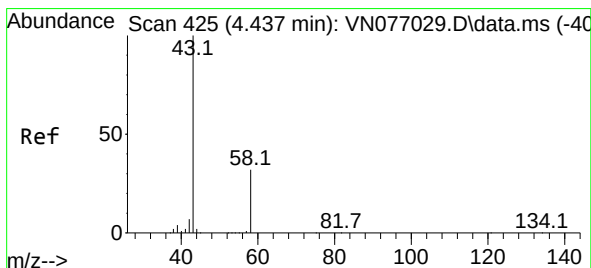
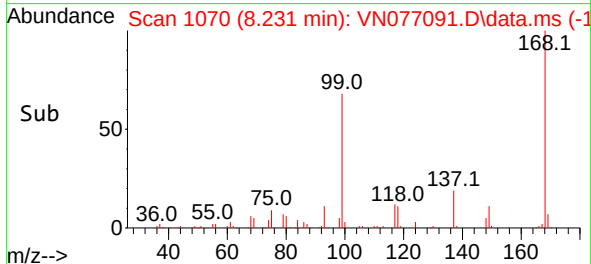
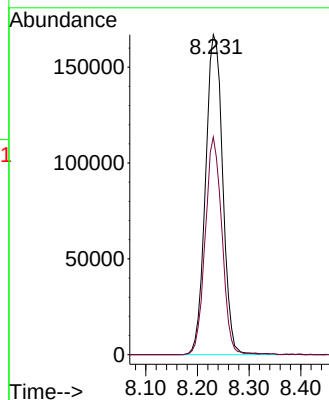
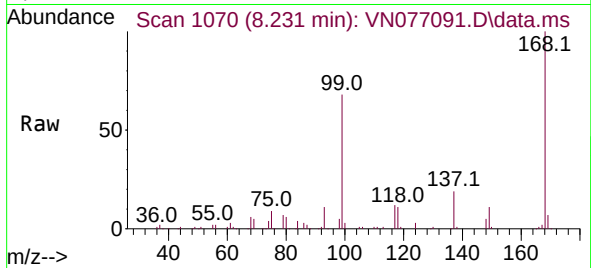




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077091.D
Acq: 21 Mar 2023 15:29

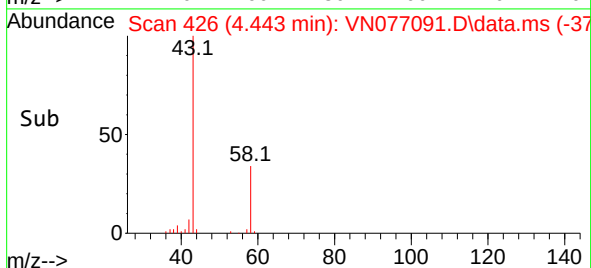
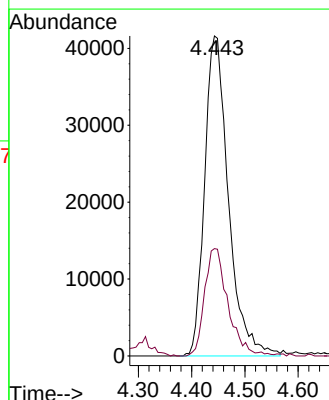
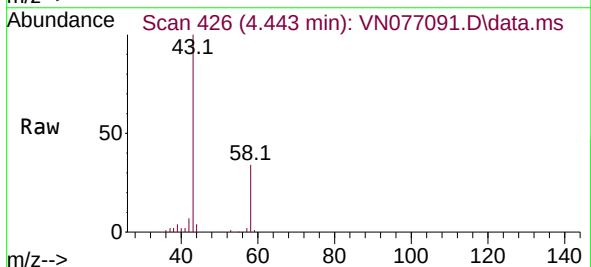
Instrument :
MSVOA_N
ClientSampleId :
CHAMBER-B-72-WEST

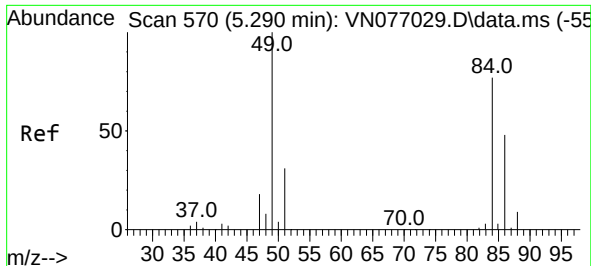
Tgt Ion:168 Resp: 386497
Ion Ratio Lower Upper
168 100
99 68.0 53.9 80.9



#16
Acetone
Concen: 47.012 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077091.D
Acq: 21 Mar 2023 15:29

Tgt Ion: 43 Resp: 129321
Ion Ratio Lower Upper
43 100
58 33.5 25.4 38.0

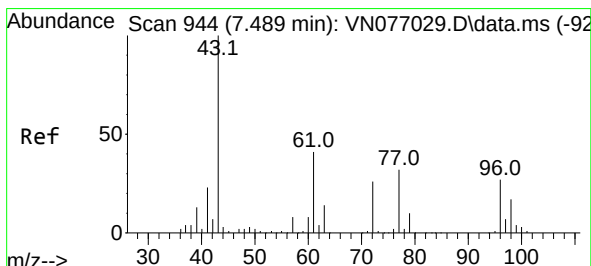
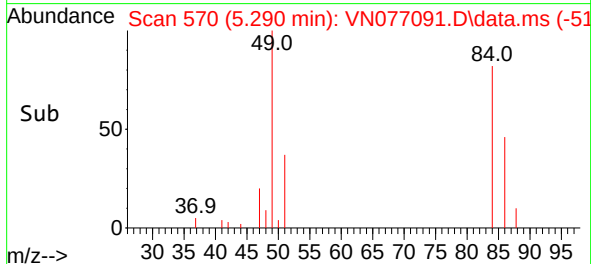
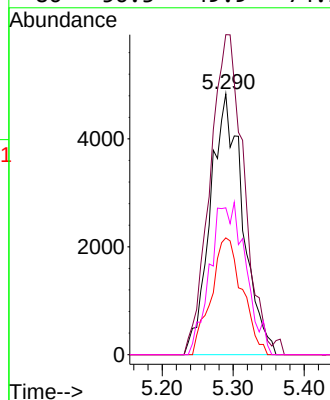
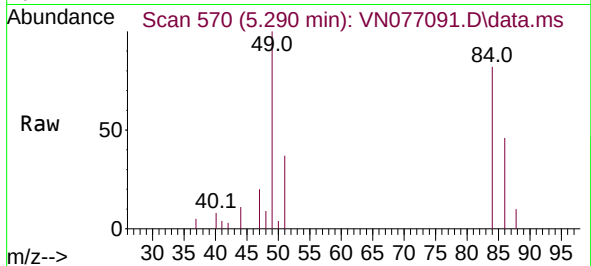




#20
Methylene Chloride
Concen: 2.579 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077091.D
Acq: 21 Mar 2023 15:29

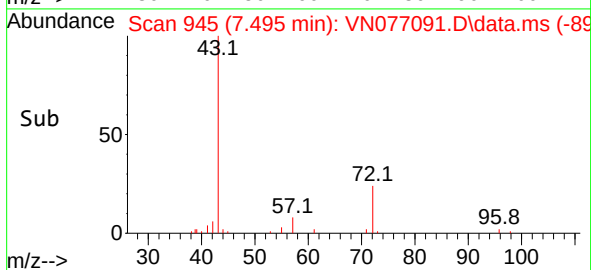
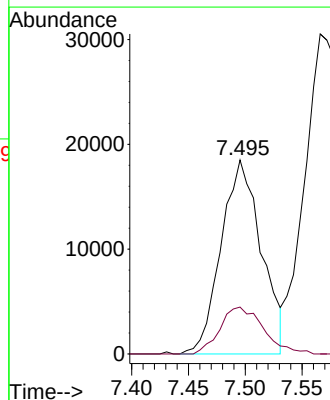
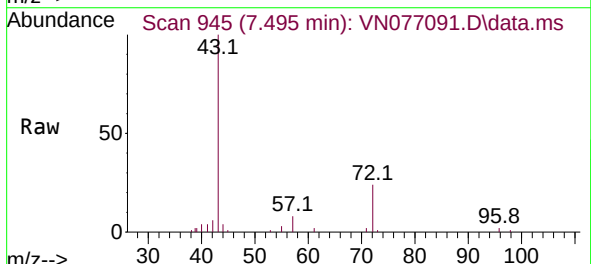
Instrument :
MSVOA_N
ClientSampleId :
CHAMBER-B-72-WEST

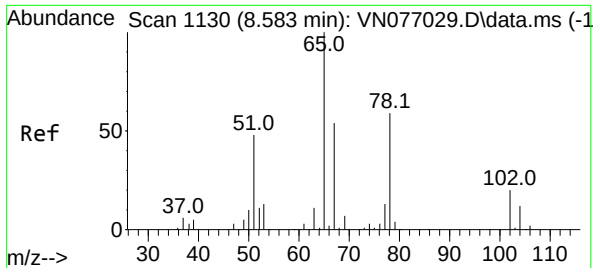
Tgt Ion:	84	Resp:	15396
Ion	Ratio	Lower	Upper
84	100		
49	122.7	103.8	155.6
51	44.8	32.3	48.5
86	56.3	49.9	74.9



#25
2-Butanone
Concen: 11.336 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077091.D
Acq: 21 Mar 2023 15:29

Tgt Ion:	43	Resp:	45618
Ion	Ratio	Lower	Upper
43	100		
72	24.2	20.7	31.1





#33

1,2-Dichloroethane-d4

Concen: 49.068 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077091.D

Acq: 21 Mar 2023 15:29

Instrument :

MSVOA_N

ClientSampleId :

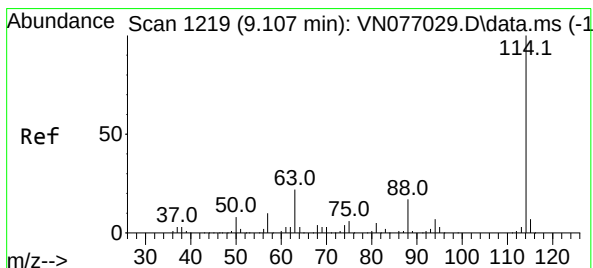
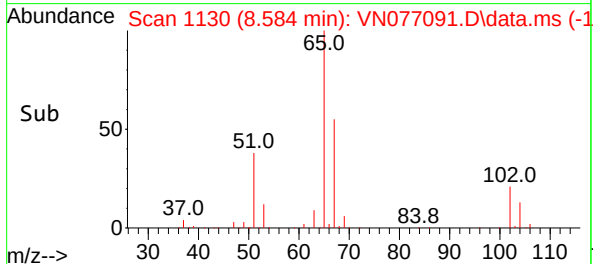
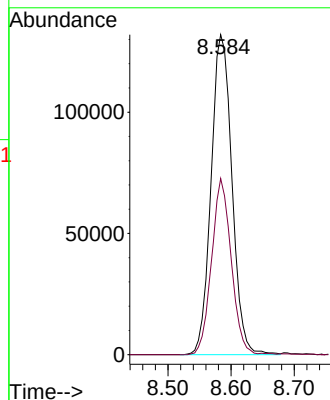
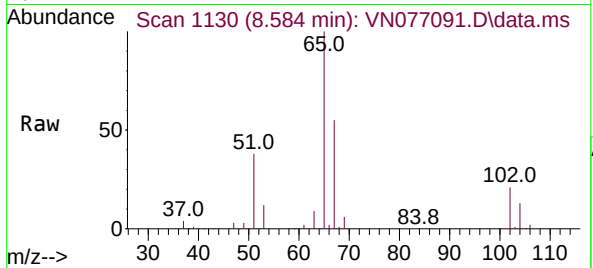
CHAMBER-B-72-WEST

Tgt Ion: 65 Resp: 302927

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077091.D

Acq: 21 Mar 2023 15:29

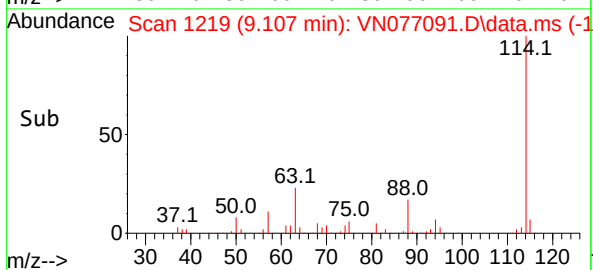
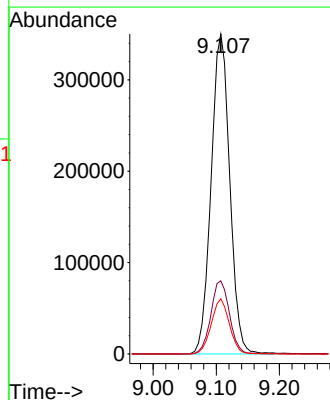
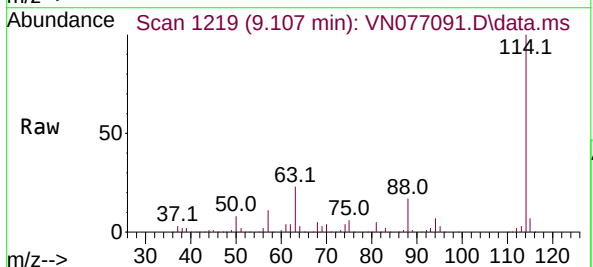
Tgt Ion: 114 Resp: 717599

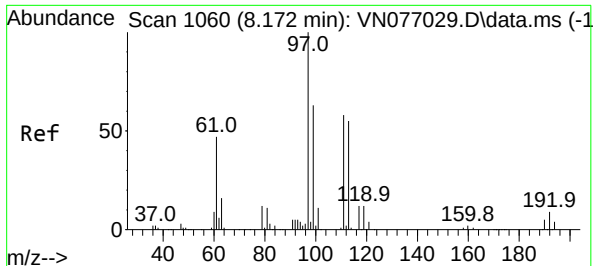
Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.6

88 17.3 0.0 33.8





#35

Dibromofluoromethane

Concen: 44.743 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077091.D

Acq: 21 Mar 2023 15:29

Instrument :

MSVOA_N

ClientSampleId :

CHAMBER-B-72-WEST

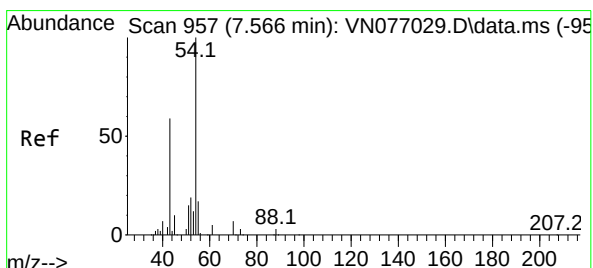
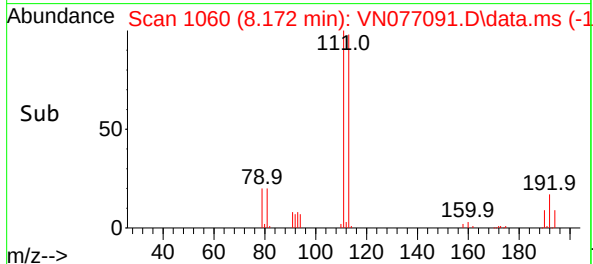
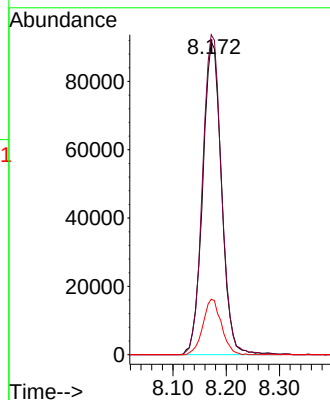
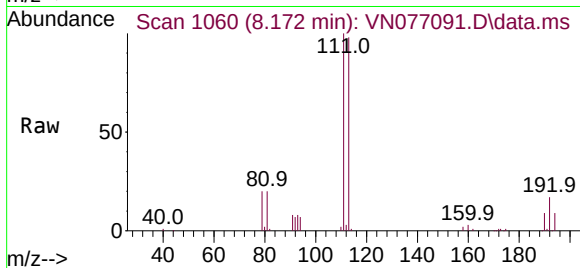
Tgt Ion:113 Resp: 224854

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

192 17.4 13.0 19.6



#37

Ethyl Acetate

Concen: 9.232 ug/l

RT: 7.566 min Scan# 957

Delta R.T. 0.000 min

Lab File: VN077091.D

Acq: 21 Mar 2023 15:29

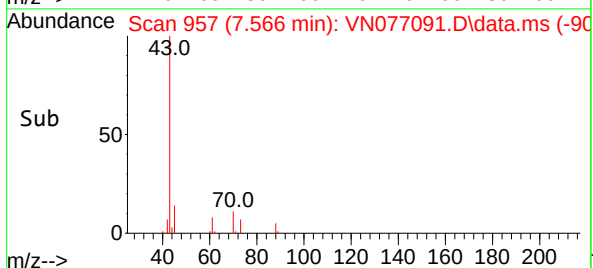
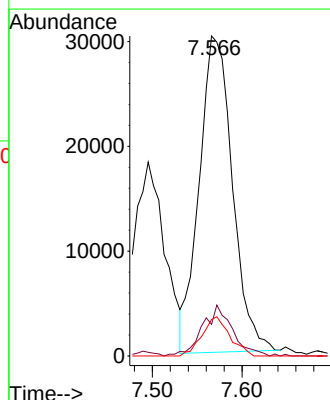
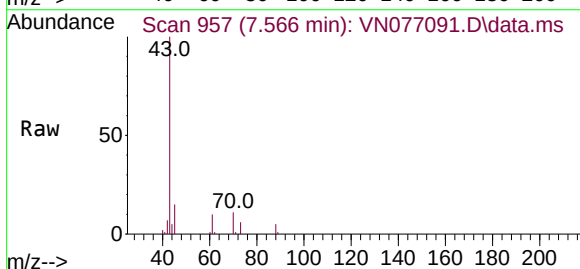
Tgt Ion: 43 Resp: 77536

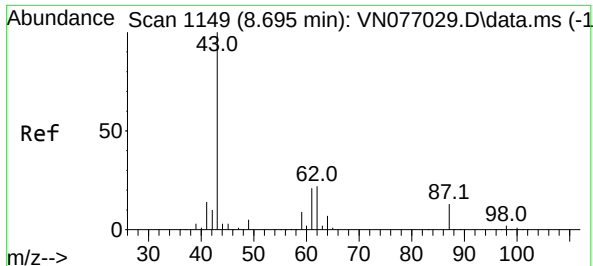
Ion Ratio Lower Upper

43 100

61 14.5 11.0 16.6

70 10.3 8.4 12.6

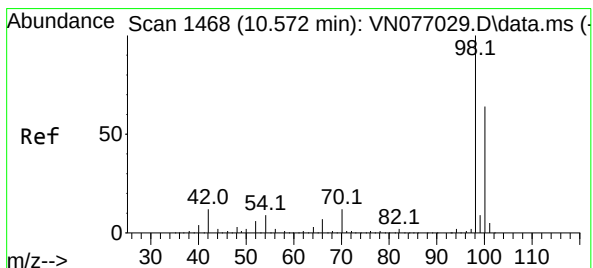
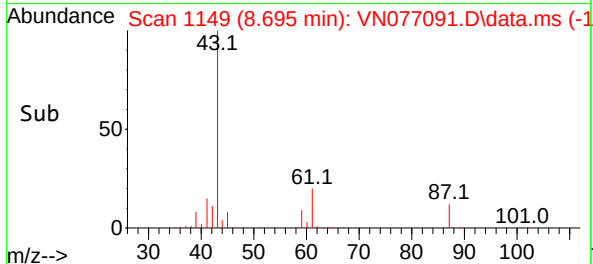
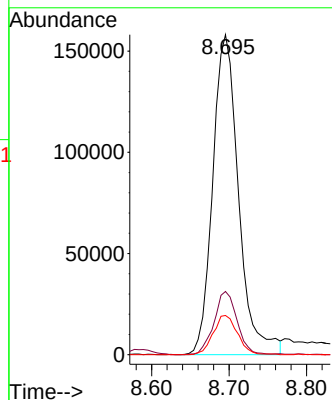
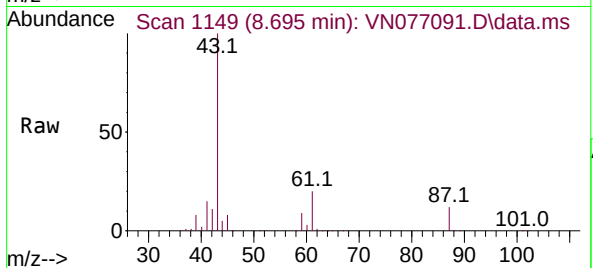




#43
Isopropyl Acetate
Concen: 27.951 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077091.D
Acq: 21 Mar 2023 15:29

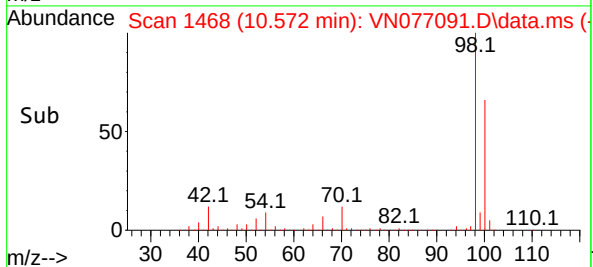
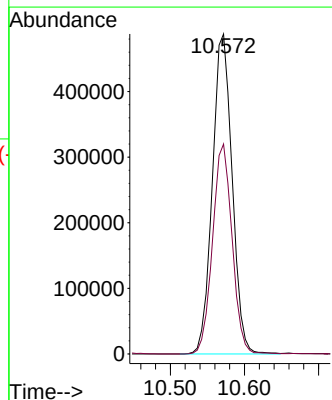
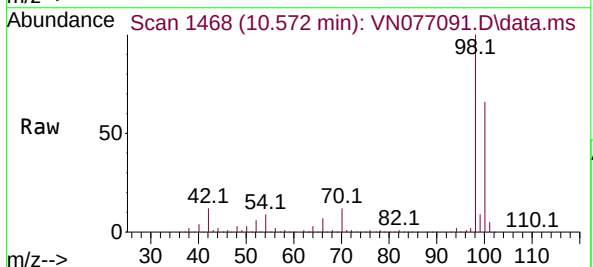
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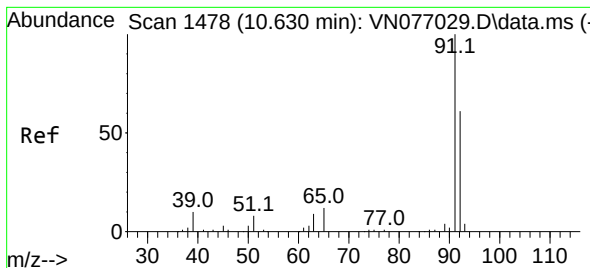
Tgt Ion: 43 Resp: 366704
Ion Ratio Lower Upper
43 100
61 17.7 20.6 30.8#
87 11.5 10.0 15.0



#50
Toluene-d8
Concen: 50.312 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077091.D
Acq: 21 Mar 2023 15:29

Tgt Ion: 98 Resp: 903180
Ion Ratio Lower Upper
98 100
100 64.8 51.6 77.4





#52

Toluene

Concen: 171.883 ug/l

RT: 10.636 min Scan# 1478

Delta R.T. 0.006 min

Lab File: VN077091.D

Acq: 21 Mar 2023 15:29

Instrument :

MSVOA_N

ClientSampleId :

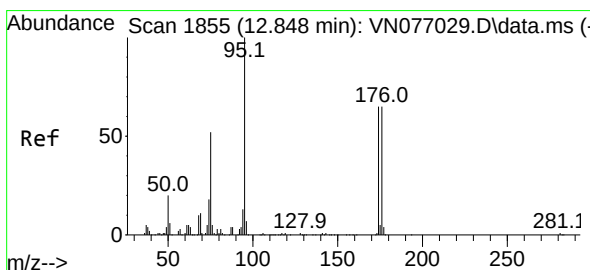
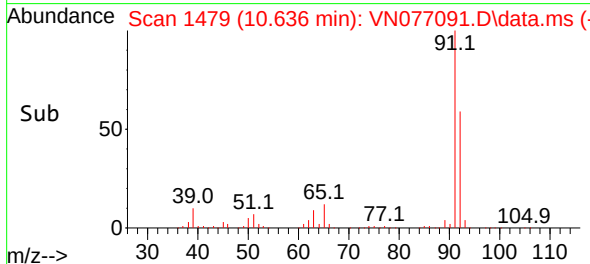
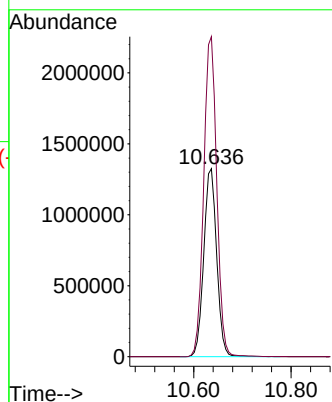
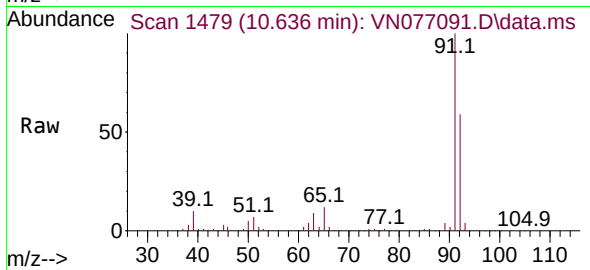
CHAMBER-B-72-WEST

Tgt Ion: 92 Resp: 2443037

Ion Ratio Lower Upper

92 100

91 171.8 135.8 203.8



#62

4-Bromofluorobenzene

Concen: 46.372 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN077091.D

Acq: 21 Mar 2023 15:29

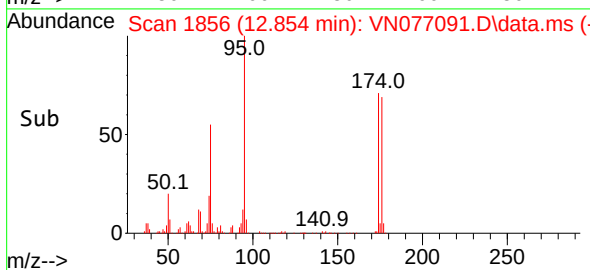
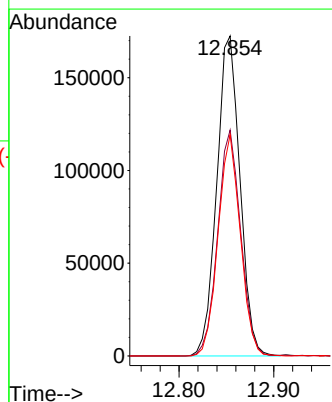
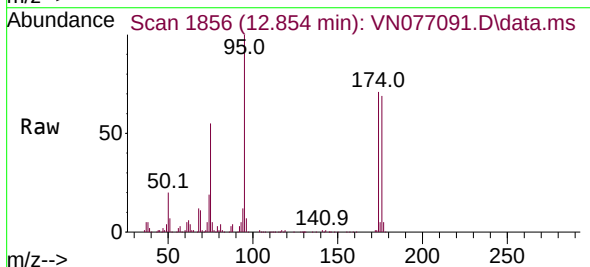
Tgt Ion: 95 Resp: 294159

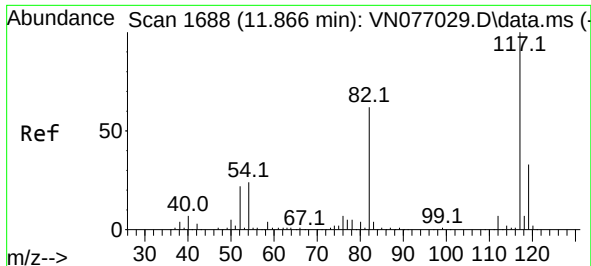
Ion Ratio Lower Upper

95 100

174 69.7 0.0 136.6

176 66.2 0.0 130.0

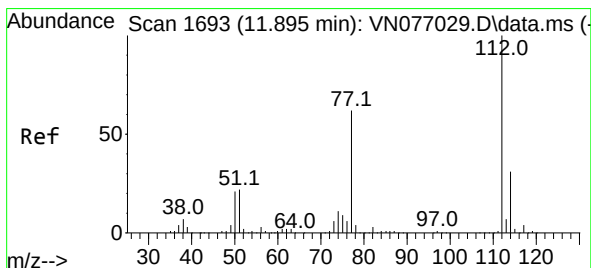
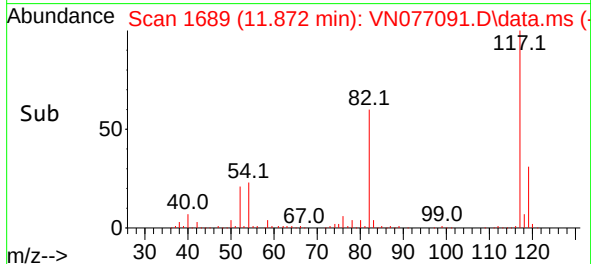
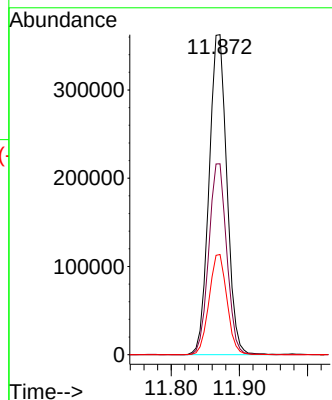
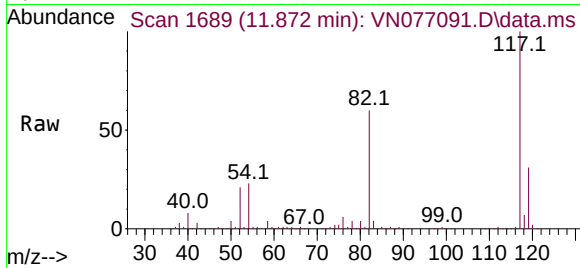




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN077091.D
Acq: 21 Mar 2023 15:29

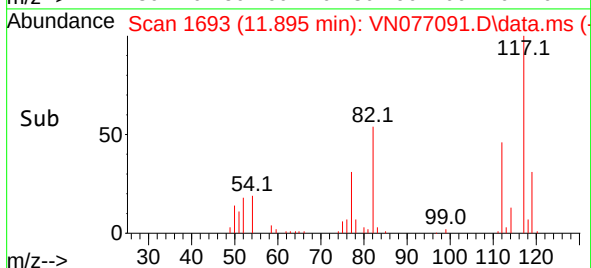
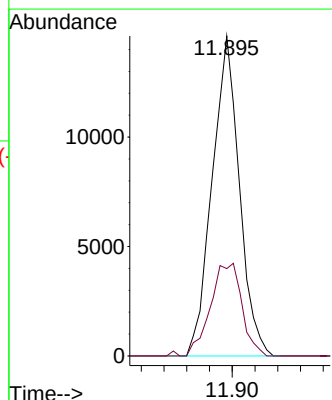
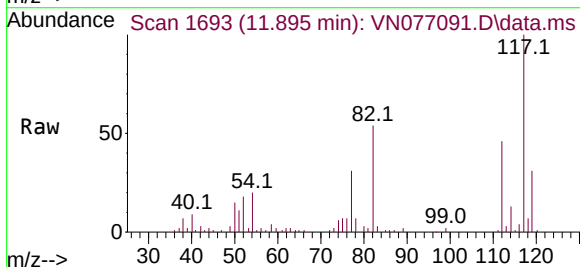
Instrument :
MSVOA_N
ClientSampleId :
CHAMBER-B-72-WEST

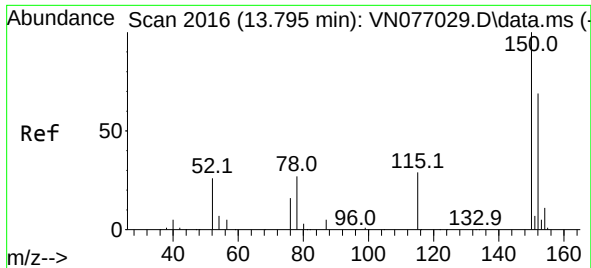
Tgt Ion:117 Resp: 660054
Ion Ratio Lower Upper
117 100
82 59.6 49.4 74.0
119 31.3 26.5 39.7



#65
Chlorobenzene
Concen: 1.600 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077091.D
Acq: 21 Mar 2023 15:29

Tgt Ion:112 Resp: 24301
Ion Ratio Lower Upper
112 100
114 27.3 24.8 37.2

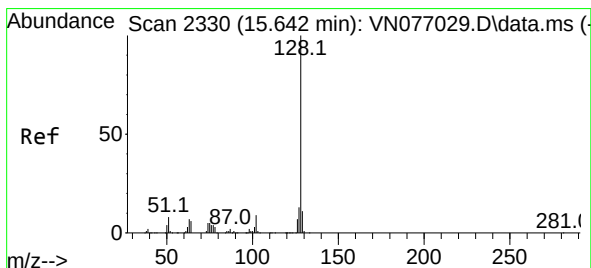
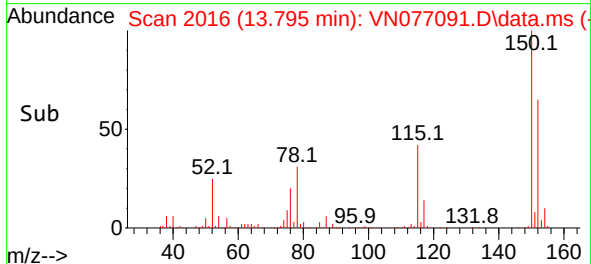
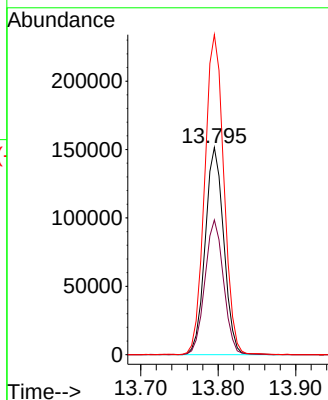
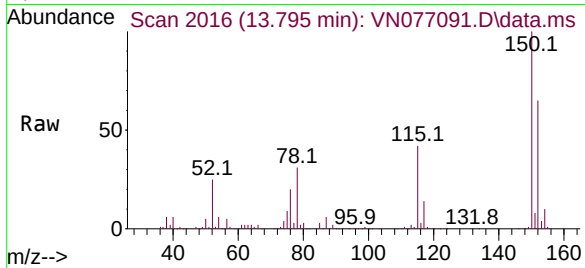




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077091.D
Acq: 21 Mar 2023 15:29

Instrument :
MSVOA_N
ClientSampleId :
CHAMBER-B-72-WEST

Tgt Ion:152 Resp: 251959
Ion Ratio Lower Upper
152 100
115 65.5 31.9 95.7
150 159.5 0.0 348.0



#95
Naphthalene
Concen: 2.285 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077091.D
Acq: 21 Mar 2023 15:29

Tgt Ion:128 Resp: 6495
Ion Ratio Lower Upper
128 100
127 15.3 10.0 15.0#
129 12.8 8.6 13.0

