

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032123\
 Data File : VN077089.D
 Acq On : 21 Mar 2023 14:41
 Operator : JC\MD
 Sample : 02001-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IRV-3

Quant Time: Mar 21 23:17:09 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)

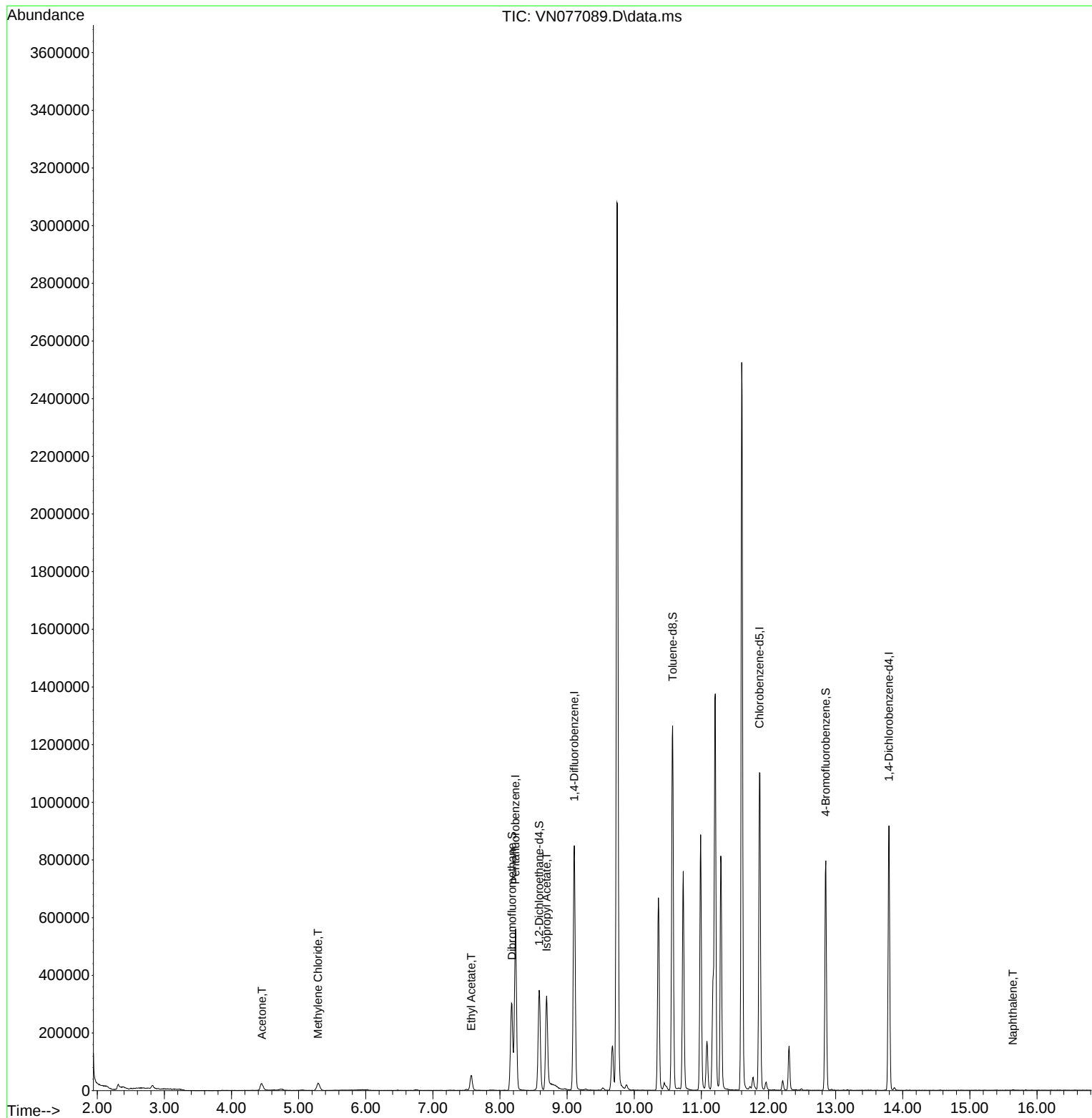
Internal Standards						
1) Pentafluorobenzene	8.231	168	379102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	710166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	641827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	233623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	292227	48.258	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.520%
35) Dibromofluoromethane	8.178	113	225326	45.306	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.620%
50) Toluene-d8	10.572	98	878382	49.443	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.880%
62) 4-Bromofluorobenzene	12.854	95	282521	45.004	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.000%
Target Compounds						
					Qvalue	
16) Acetone	4.454	43	47552	17.624	ug/l	95
20) Methylene Chloride	5.290	84	19936	3.404	ug/l	96
37) Ethyl Acetate	7.572	43	81169	9.766	ug/l	100
43) Isopropyl Acetate	8.695	43	389108	29.970	ug/l #	88
95) Naphthalene	15.642	128	2156	2.046	ug/l #	81

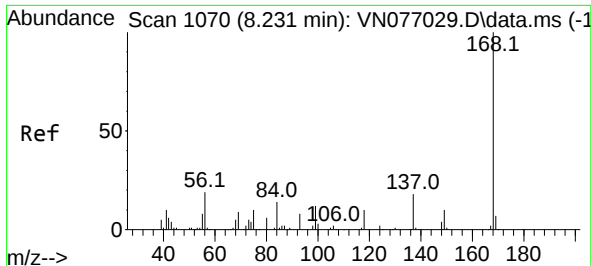
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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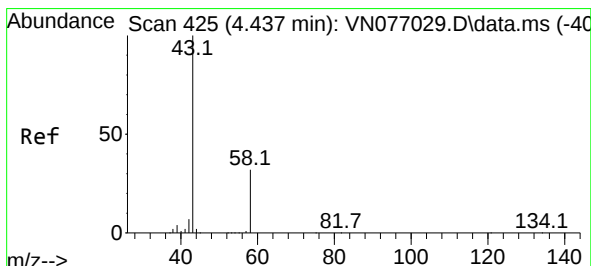
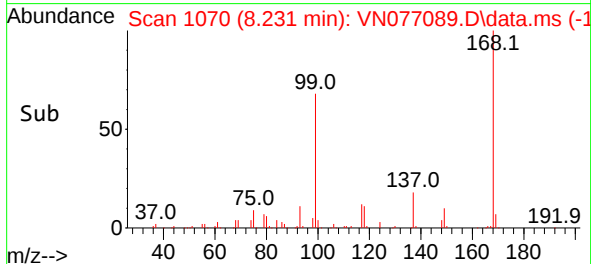
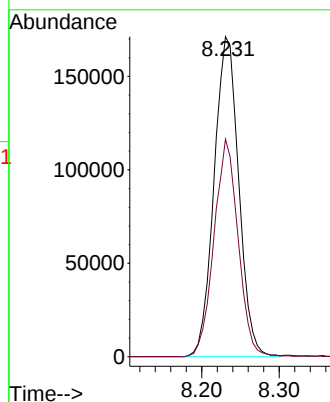
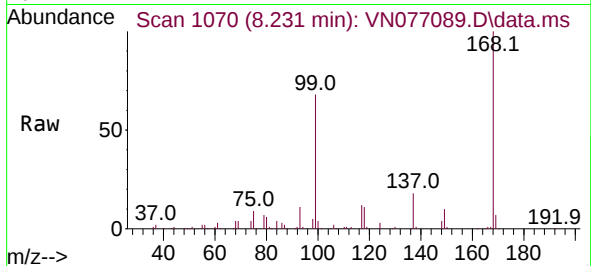




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077089.D
Acq: 21 Mar 2023 14:41

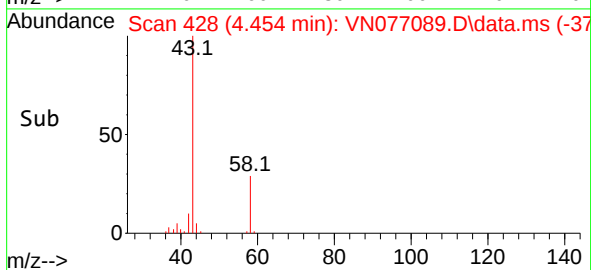
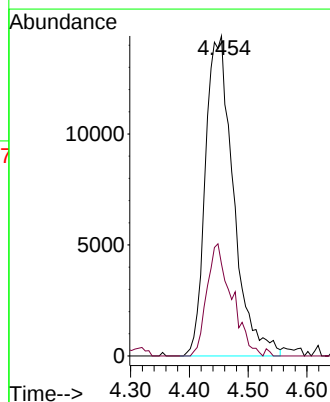
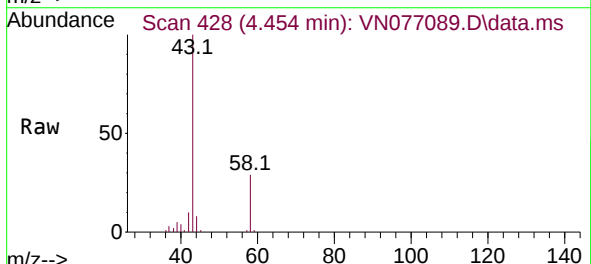
Instrument :
MSVOA_N
ClientSampleId :
IRV-3

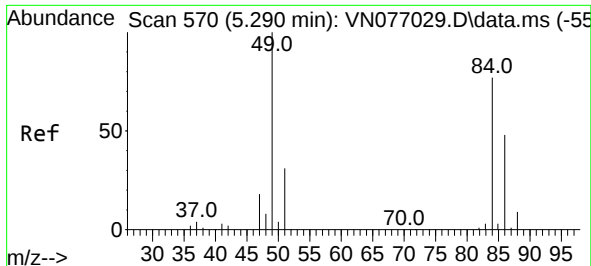
Tgt Ion:168 Resp: 379102
Ion Ratio Lower Upper
168 100
99 68.0 53.9 80.9



#16
Acetone
Concen: 17.624 ug/l
RT: 4.454 min Scan# 428
Delta R.T. 0.017 min
Lab File: VN077089.D
Acq: 21 Mar 2023 14:41

Tgt Ion: 43 Resp: 47552
Ion Ratio Lower Upper
43 100
58 28.8 25.4 38.0

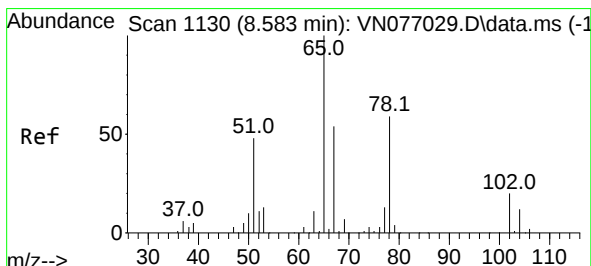
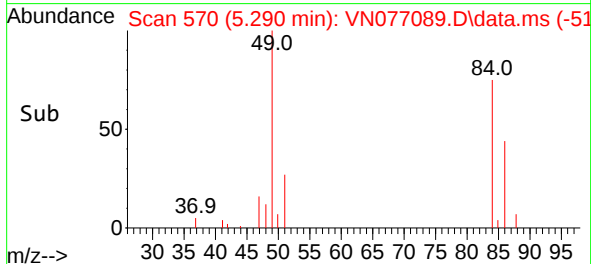
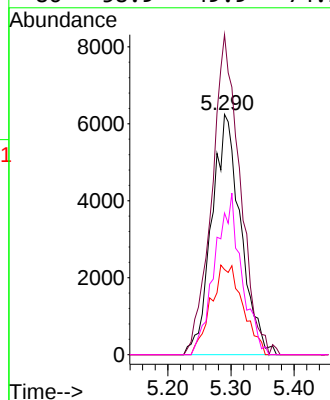
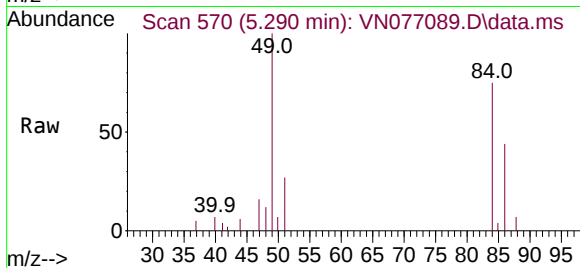




#20
Methylene Chloride
Concen: 3.404 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077089.D
Acq: 21 Mar 2023 14:41

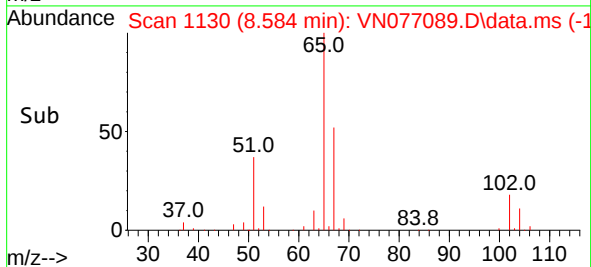
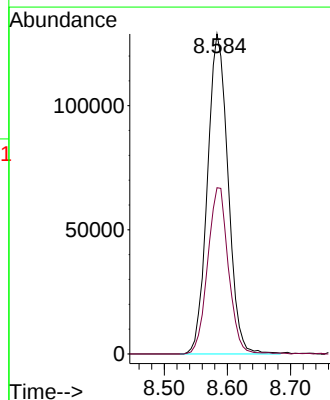
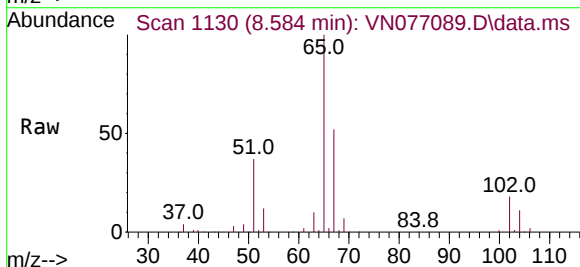
Instrument :
MSVOA_N
ClientSampleId :
IRV-3

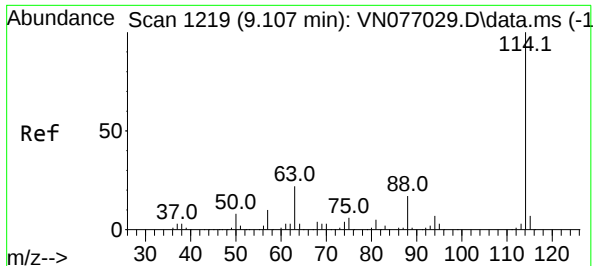
Tgt Ion:	84	Resp:	19936
Ion	Ratio	Lower	Upper
84	100		
49	133.2	103.8	155.6
51	35.4	32.3	48.5
86	58.9	49.9	74.9



#33
1,2-Dichloroethane-d4
Concen: 48.258 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077089.D
Acq: 21 Mar 2023 14:41

Tgt Ion:	65	Resp:	292227
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077089.D

Acq: 21 Mar 2023 14:41

Instrument :

MSVOA_N

ClientSampleId :

IRV-3

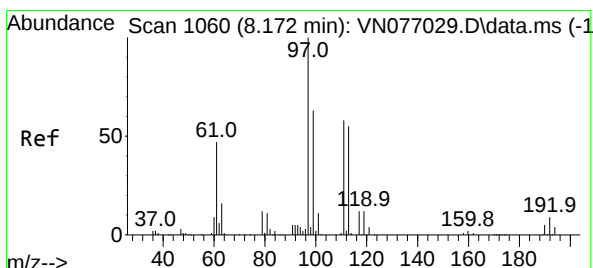
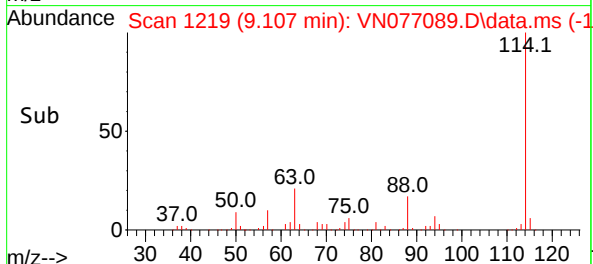
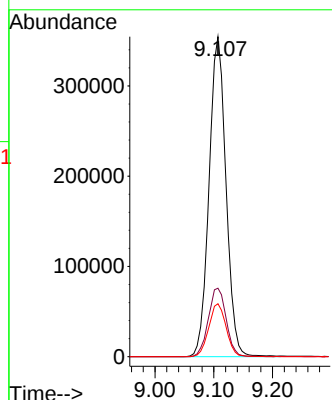
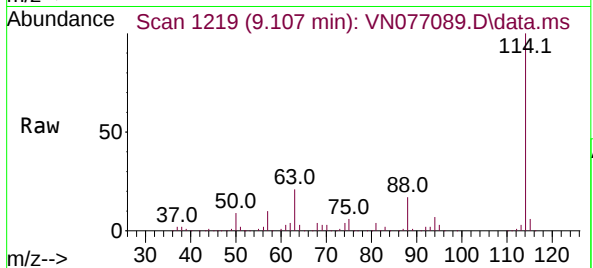
Tgt Ion:114 Resp: 710166

Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.6

88 16.6 0.0 33.8



#35

Dibromofluoromethane

Concen: 45.306 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN077089.D

Acq: 21 Mar 2023 14:41

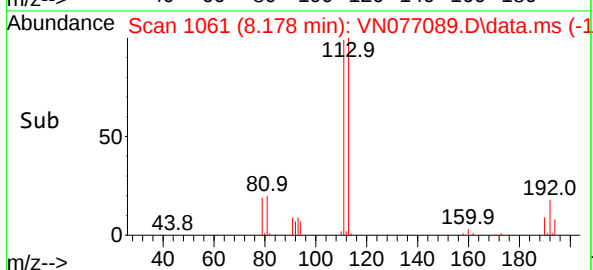
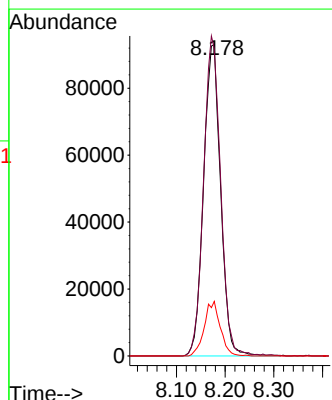
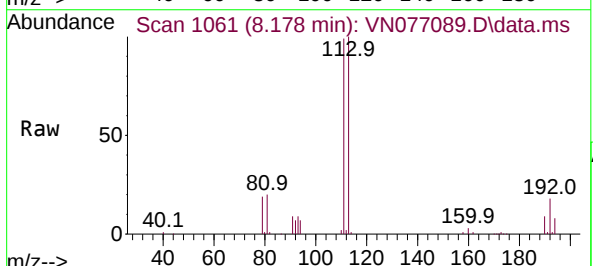
Tgt Ion:113 Resp: 225326

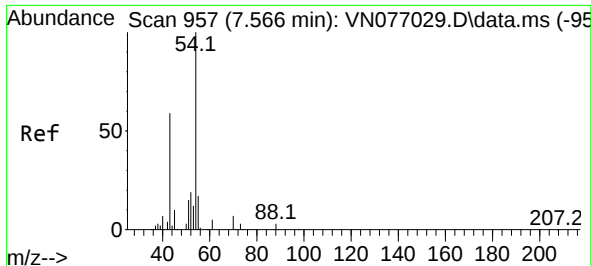
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

192 16.6 13.0 19.6

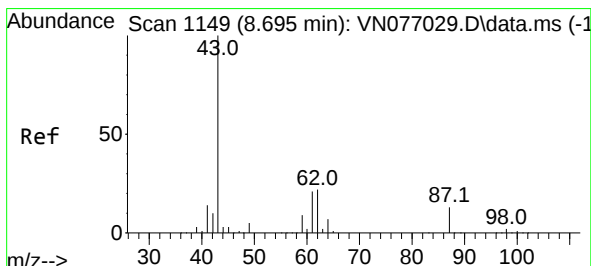
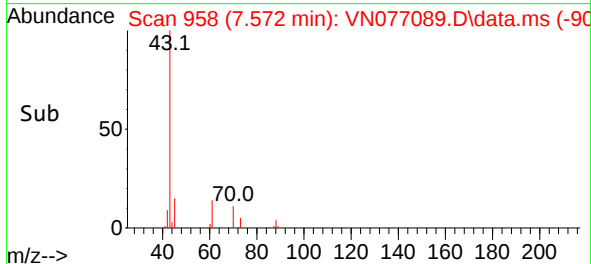
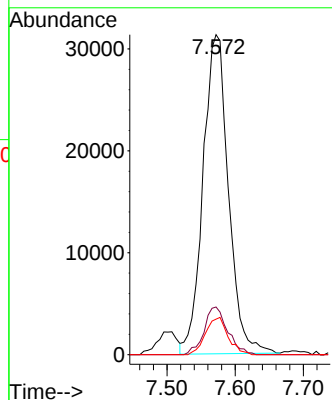
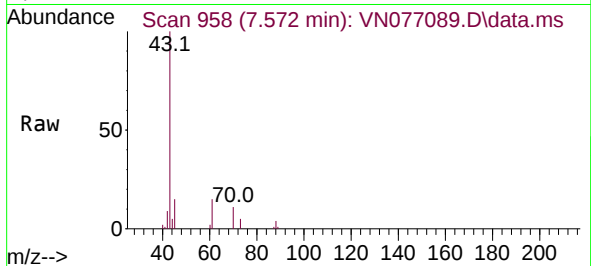




#37
Ethyl Acetate
Concen: 9.766 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077089.D
Acq: 21 Mar 2023 14:41

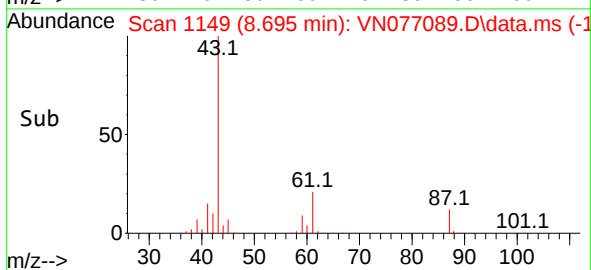
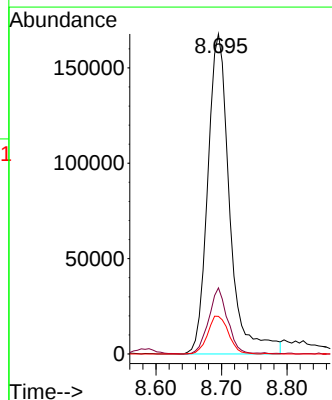
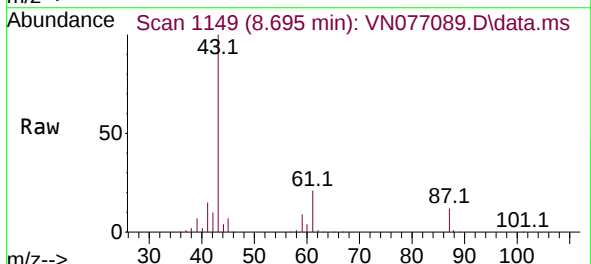
Instrument :
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ClientSampleId :
IRV-3

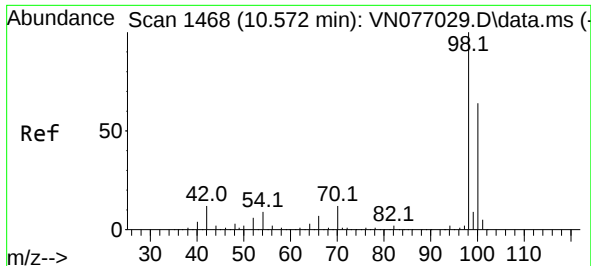
Tgt Ion: 43 Resp: 81169
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.6
70 10.4 8.4 12.6



#43
Isopropyl Acetate
Concen: 29.970 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077089.D
Acq: 21 Mar 2023 14:41

Tgt Ion: 43 Resp: 389108
Ion Ratio Lower Upper
43 100
61 17.7 20.6 30.8#
87 11.2 10.0 15.0

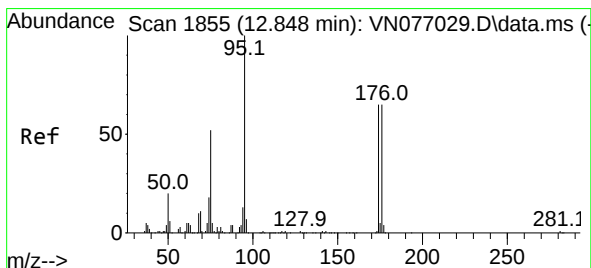
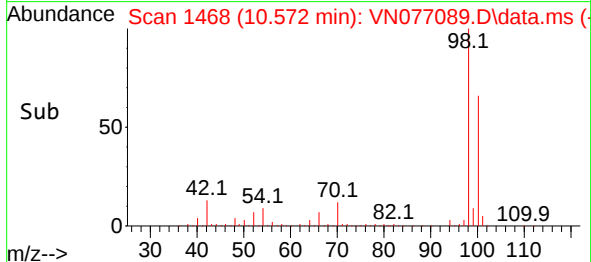
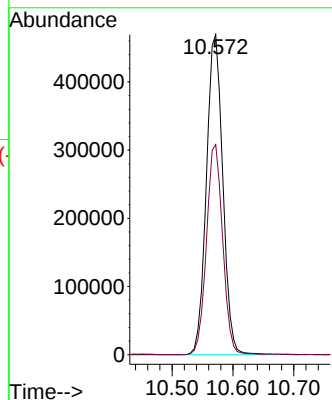
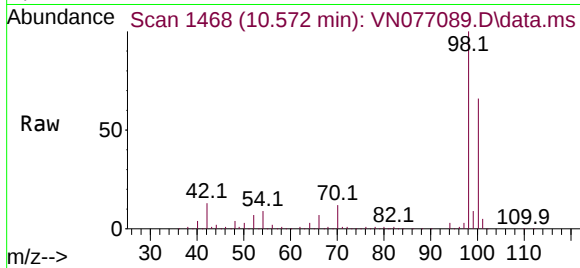




#50
Toluene-d8
Concen: 49.443 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077089.D
Acq: 21 Mar 2023 14:41

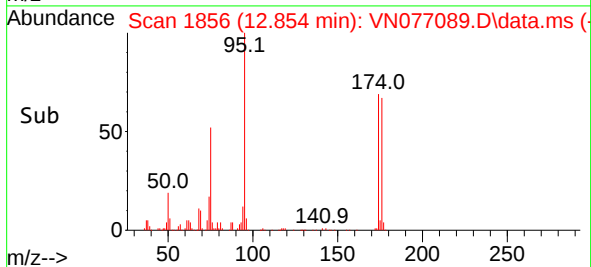
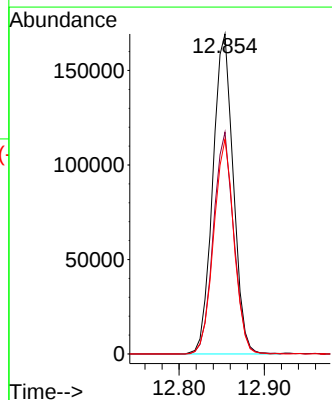
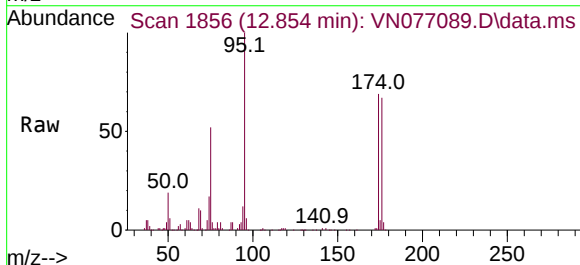
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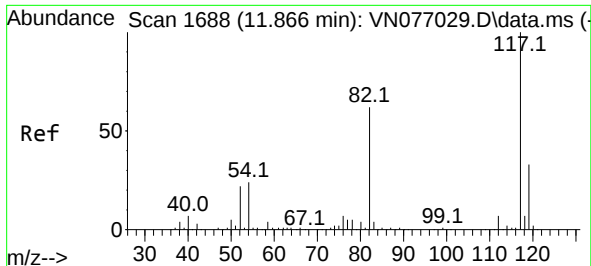
Tgt Ion: 98 Resp: 878382
Ion Ratio Lower Upper
98 100
100 64.9 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 45.004 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077089.D
Acq: 21 Mar 2023 14:41

Tgt Ion: 95 Resp: 282521
Ion Ratio Lower Upper
95 100
174 69.0 0.0 136.6
176 66.5 0.0 130.0

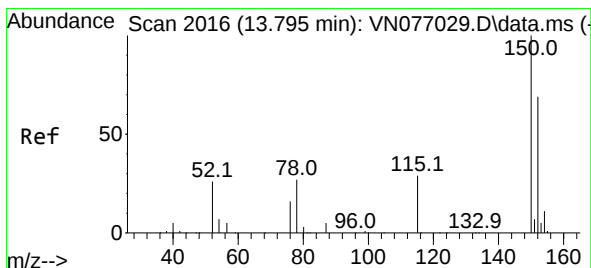
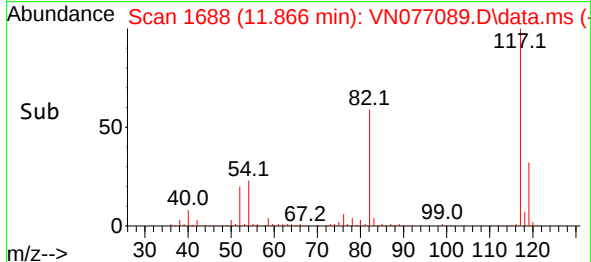
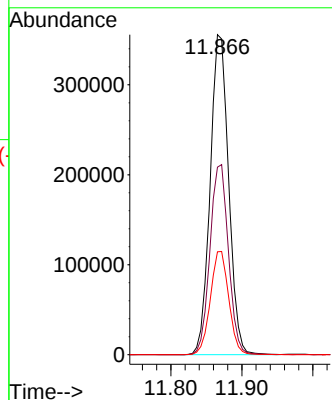
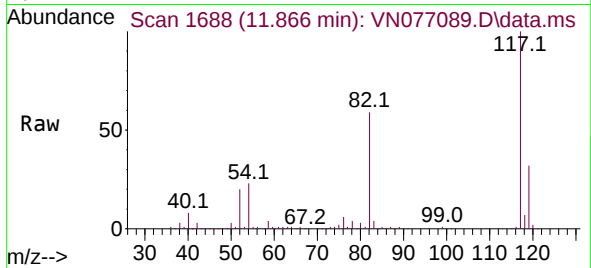




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077089.D
Acq: 21 Mar 2023 14:41

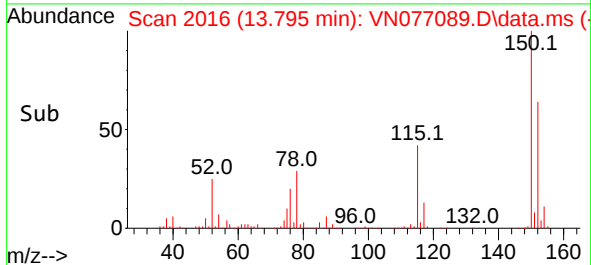
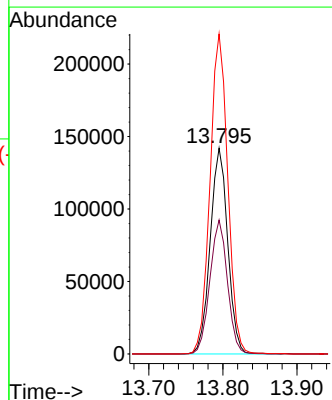
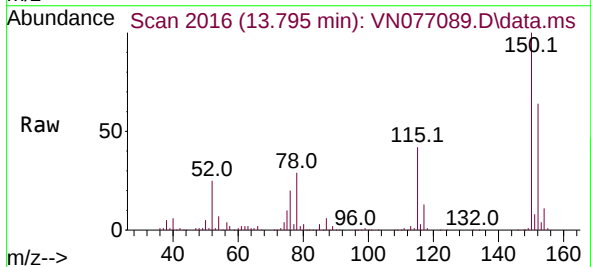
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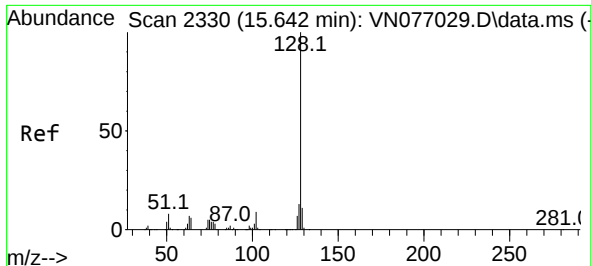
Tgt Ion:117 Resp: 641827
Ion Ratio Lower Upper
117 100
82 58.6 49.4 74.0
119 32.2 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077089.D
Acq: 21 Mar 2023 14:41

Tgt Ion:152 Resp: 233623
Ion Ratio Lower Upper
152 100
115 65.0 31.9 95.7
150 156.9 0.0 348.0





#95
Naphthalene
Concen: 2.046 ug/l
RT: 15.642 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077089.D
Acq: 21 Mar 2023 14:41

Instrument :
MSVOA_N
ClientSampleId :
IRV-3

Tgt Ion	Ratio	Lower	Upper
128	100		
127	2.8	10.0	15.0#
129	6.0	8.6	13.0#

