

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077209.D
 Acq On : 27 Mar 2023 18:39
 Operator : JC\MD
 Sample : PB151668TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151668TB

Quant Time: Mar 28 07:31:06 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)

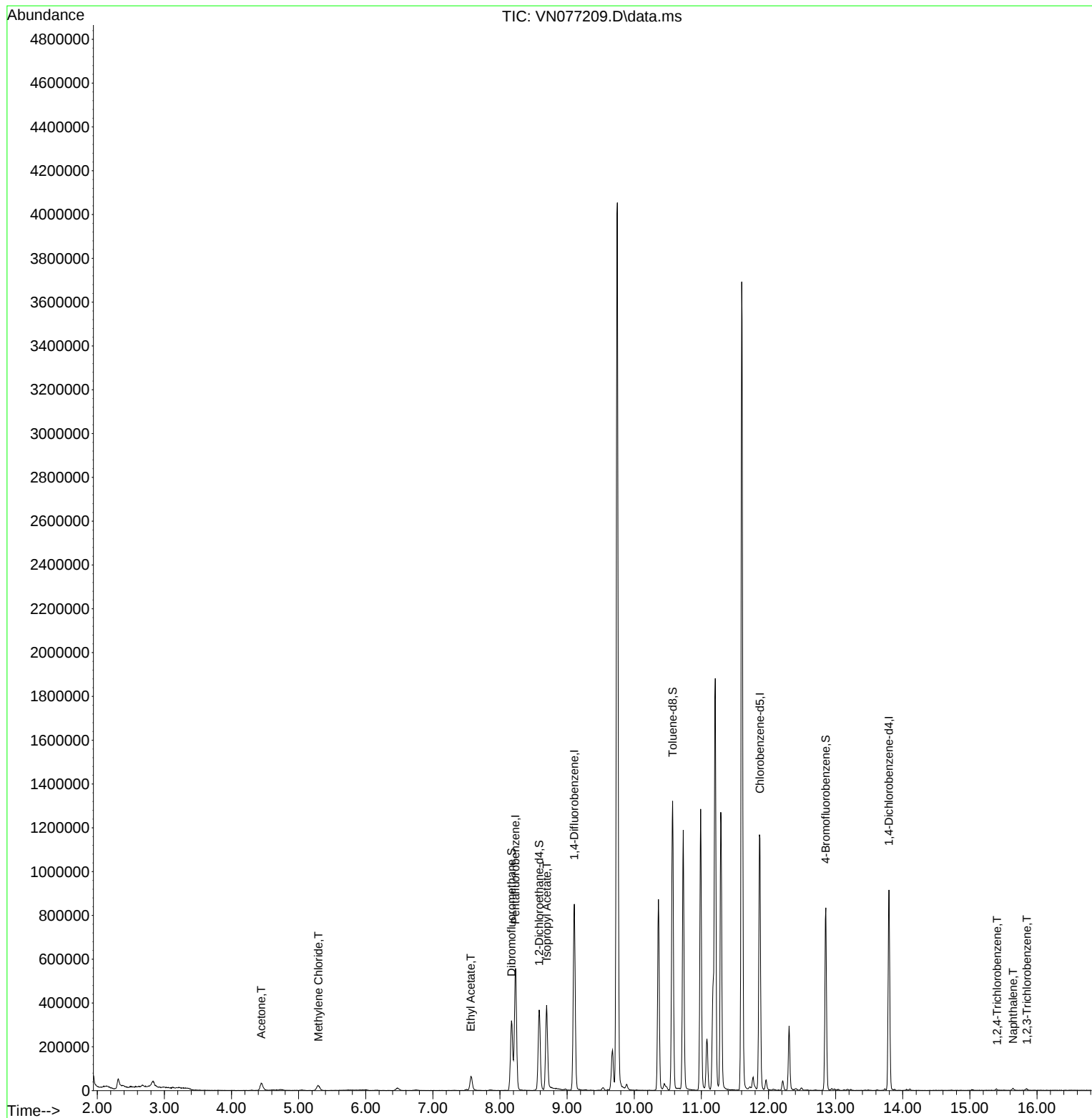
Internal Standards						
1) Pentafluorobenzene	8.231	168	390540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	703473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	648808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	228596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	298902	48.950	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.900%
35) Dibromofluoromethane	8.172	113	223017	46.721	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.440%
50) Toluene-d8	10.572	98	891288	49.831	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.660%
62) 4-Bromofluorobenzene	12.854	95	263286	44.852	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.700%
Target Compounds						
					Qvalue	
16) Acetone	4.443	43	63087	27.786	ug/l	94
20) Methylene Chloride	5.295	84	16221	3.208	ug/l #	71
37) Ethyl Acetate	7.566	43	100228	13.535	ug/l #	90
43) Isopropyl Acetate	8.695	43	447631	37.469	ug/l #	77
93) 1,2,4-Trichlorobenzene	15.407	180	2375	4.973	ug/l	95
95) Naphthalene	15.642	128	8348	6.516	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.848	180	2820	5.363	ug/l	88

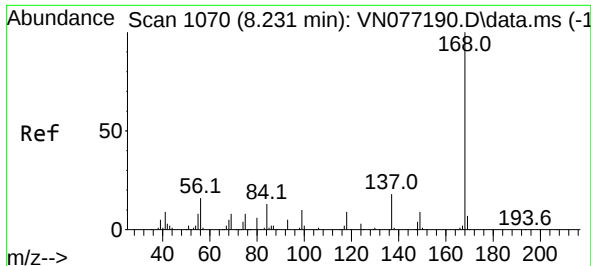
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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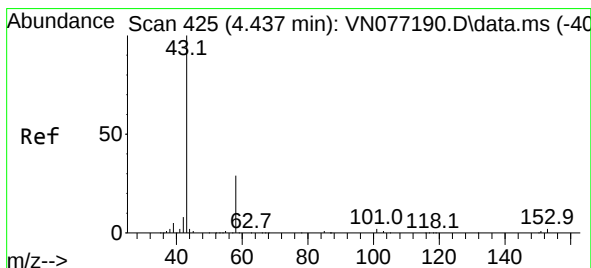
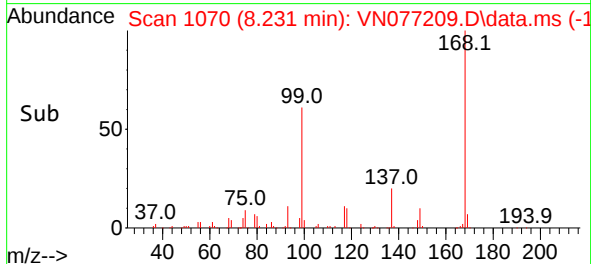
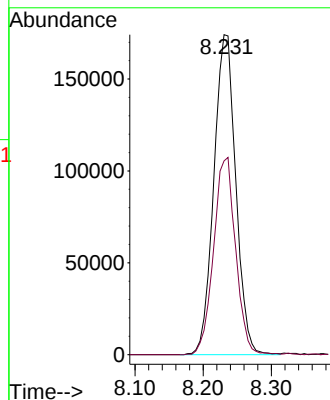
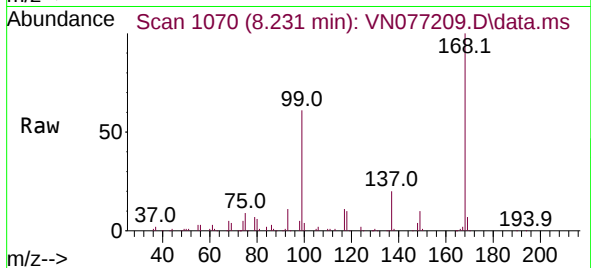




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077209.D
Acq: 27 Mar 2023 18:39

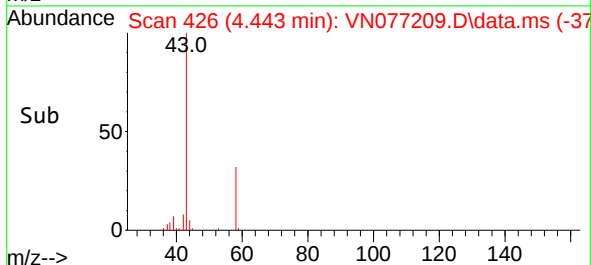
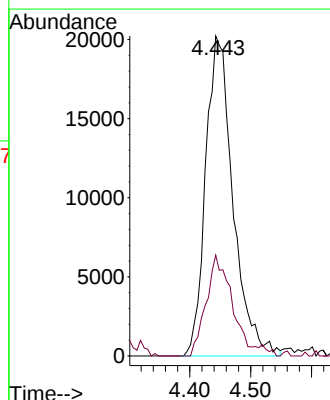
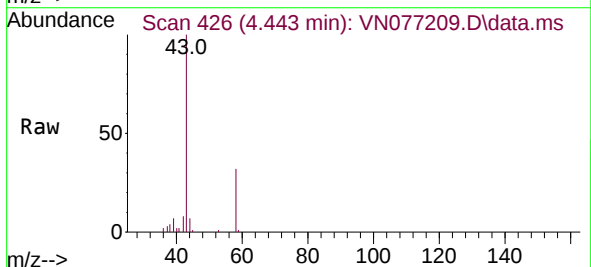
Instrument :
MSVOA_N
ClientSampleId :
PB151668TB

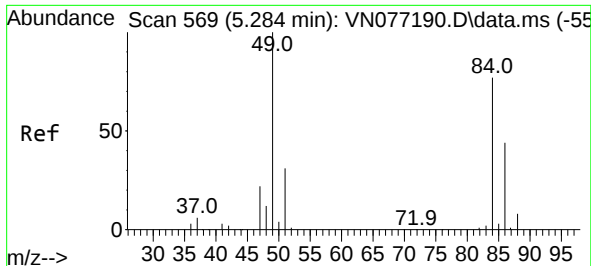
Tgt Ion:168 Resp: 390540
Ion Ratio Lower Upper
168 100
99 60.5 48.6 73.0



#16
Acetone
Concen: 27.786 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077209.D
Acq: 27 Mar 2023 18:39

Tgt Ion: 43 Resp: 63087
Ion Ratio Lower Upper
43 100
58 31.5 28.2 42.2

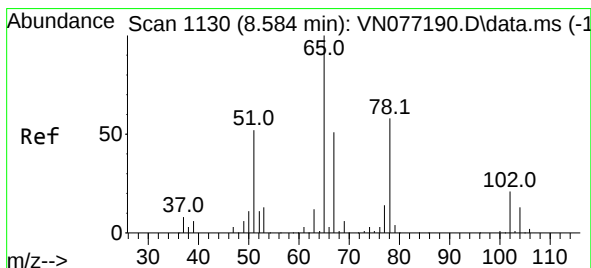
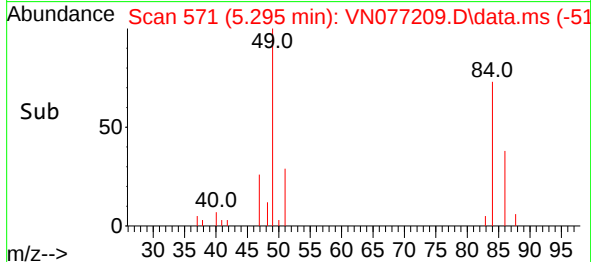
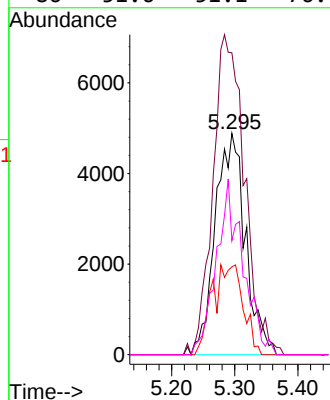
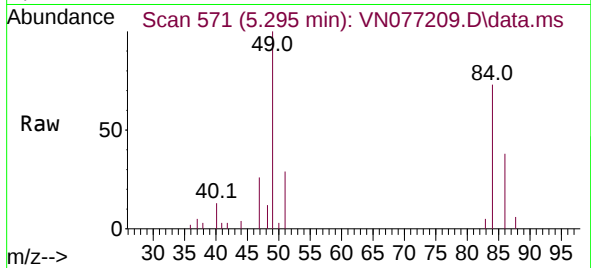




#20
Methylene Chloride
Concen: 3.208 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN077209.D
Acq: 27 Mar 2023 18:39

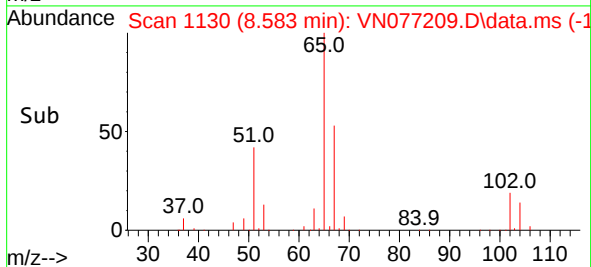
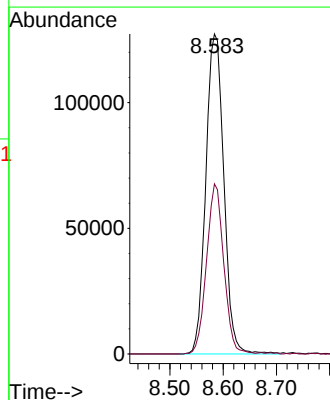
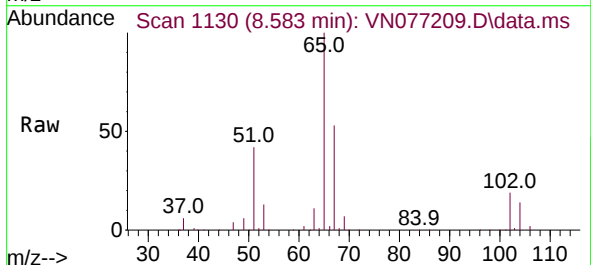
Instrument :
MSVOA_N
ClientSampleId :
PB151668TB

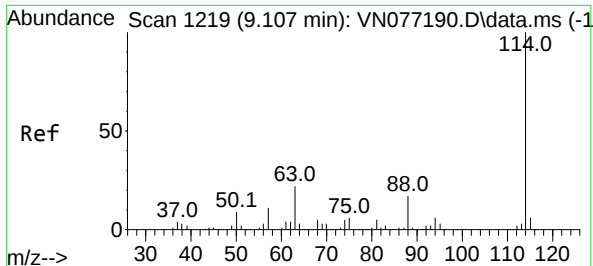
Tgt Ion:	84	Resp:	16221
Ion	Ratio	Lower	Upper
84	100		
49	136.5	76.6	114.8#
51	39.7	25.4	38.2#
86	51.6	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 48.950 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN077209.D
Acq: 27 Mar 2023 18:39

Tgt Ion:	65	Resp:	298902
Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077209.D

Acq: 27 Mar 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

PB151668TB

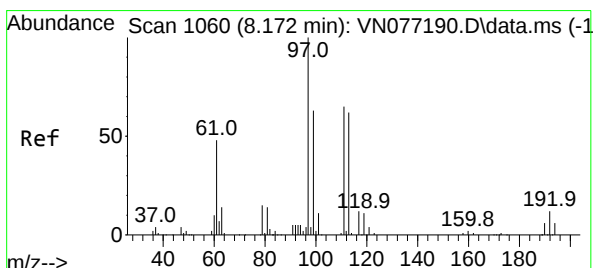
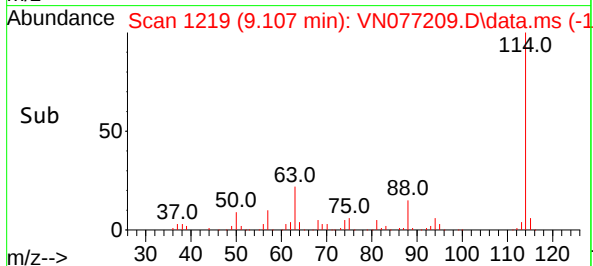
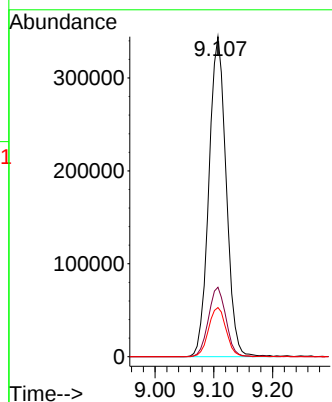
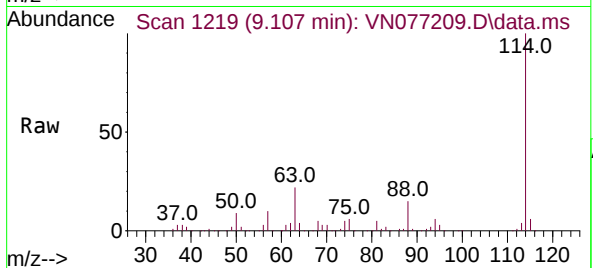
Tgt Ion:114 Resp: 703473

Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.6

88 15.3 0.0 28.6



#35

Dibromofluoromethane

Concen: 46.721 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077209.D

Acq: 27 Mar 2023 18:39

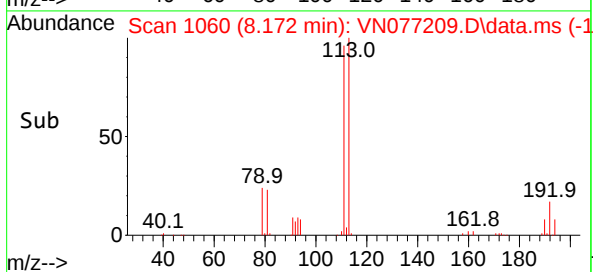
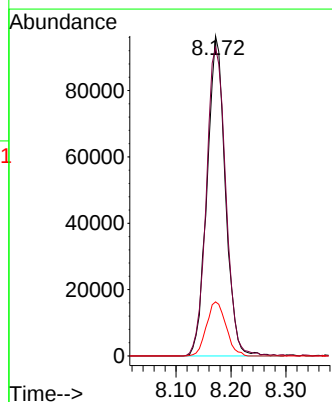
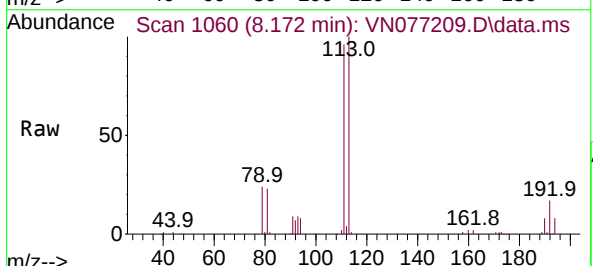
Tgt Ion:113 Resp: 223017

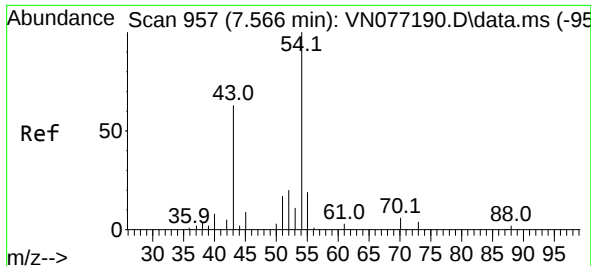
Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

192 18.0 13.9 20.9

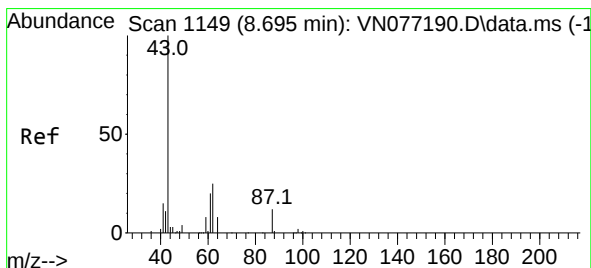
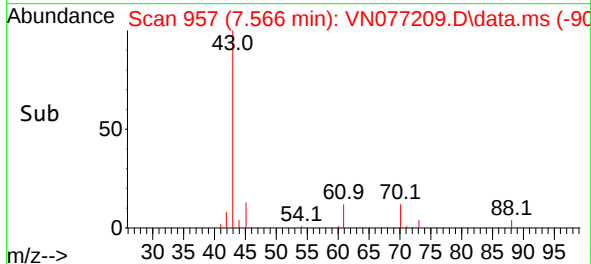
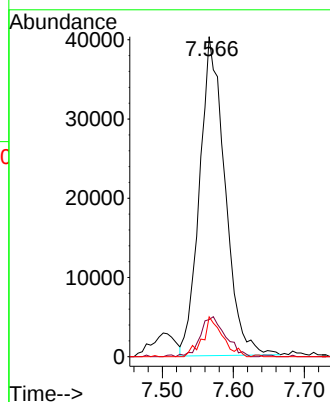
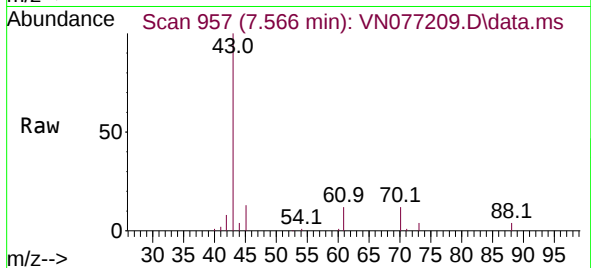




#37
Ethyl Acetate
Concen: 13.535 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077209.D
Acq: 27 Mar 2023 18:39

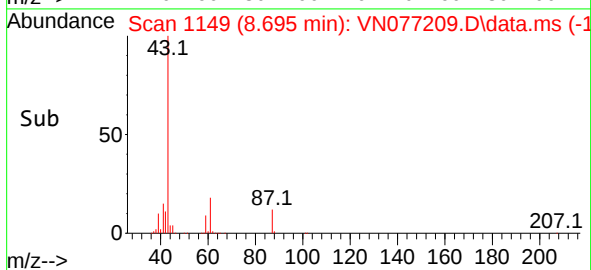
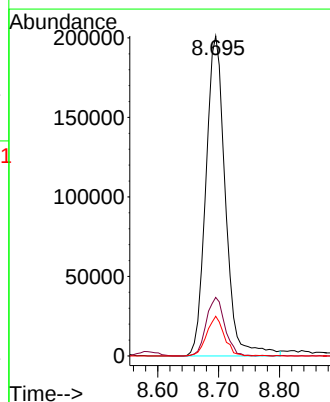
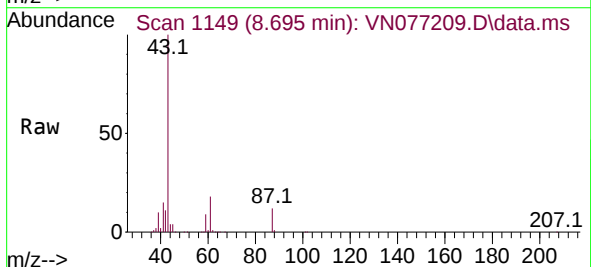
Instrument :
MSVOA_N
ClientSampleId :
PB151668TB

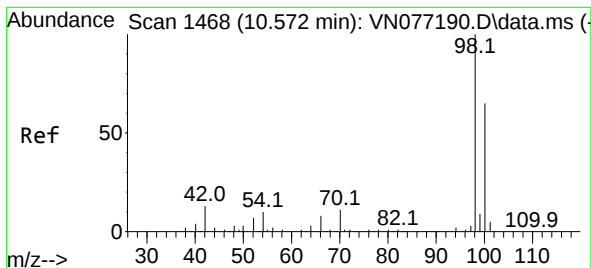
Tgt Ion: 43 Resp: 100228
Ion Ratio Lower Upper
43 100
61 12.4 13.5 20.3#
70 9.8 11.0 16.6#



#43
Isopropyl Acetate
Concen: 37.469 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077209.D
Acq: 27 Mar 2023 18:39

Tgt Ion: 43 Resp: 447631
Ion Ratio Lower Upper
43 100
61 17.4 26.2 39.2#
87 11.2 14.8 22.2#

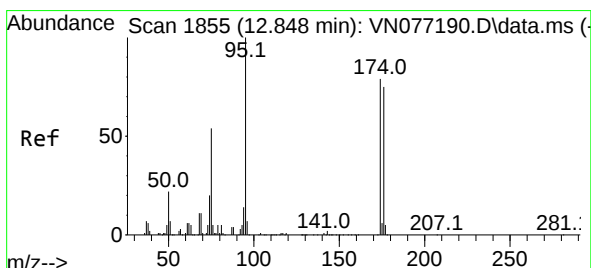
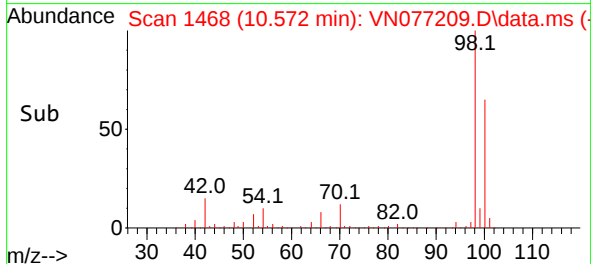
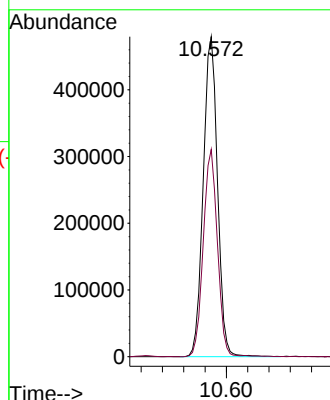
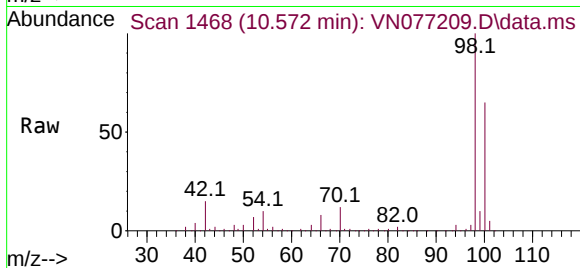




#50
Toluene-d8
Concen: 49.831 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077209.D
Acq: 27 Mar 2023 18:39

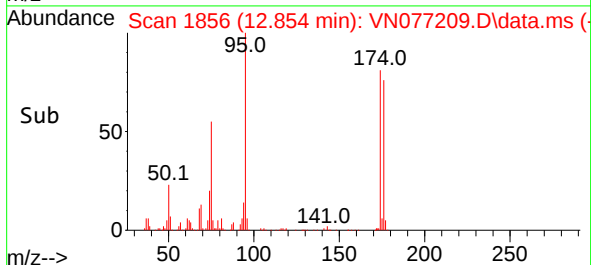
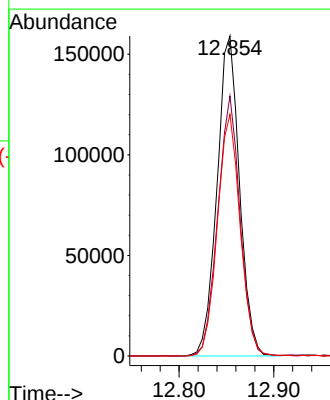
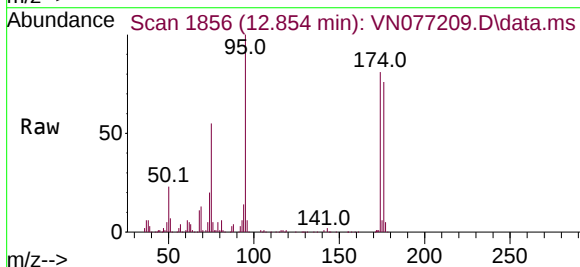
Instrument :
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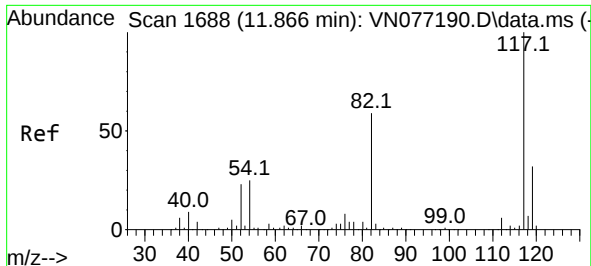
Tgt Ion: 98 Resp: 891288
Ion Ratio Lower Upper
98 100
100 64.2 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 44.852 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077209.D
Acq: 27 Mar 2023 18:39

Tgt Ion: 95 Resp: 263286
Ion Ratio Lower Upper
95 100
174 80.2 0.0 162.4
176 76.2 0.0 157.4

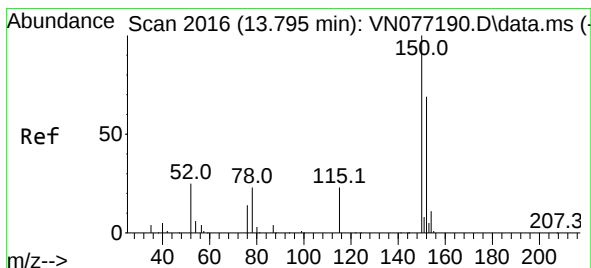
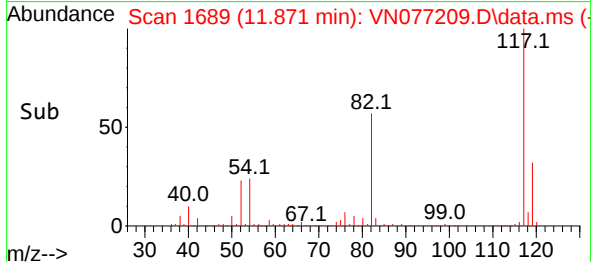
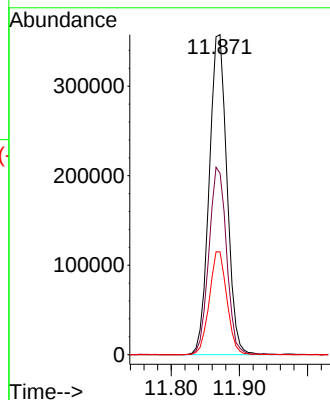
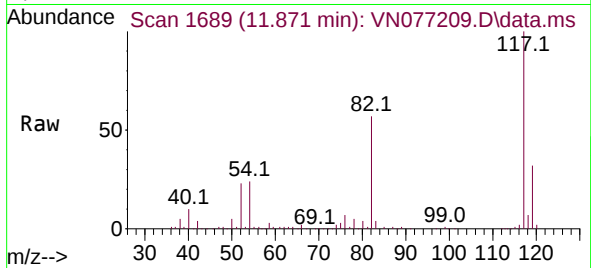




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN077209.D
Acq: 27 Mar 2023 18:39

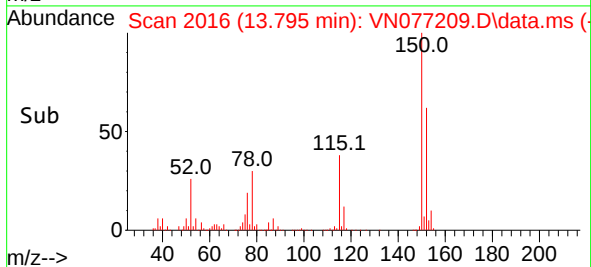
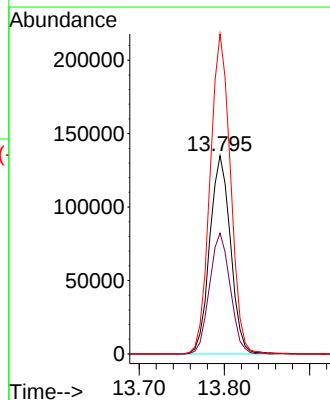
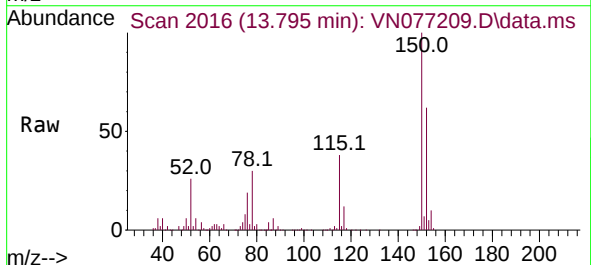
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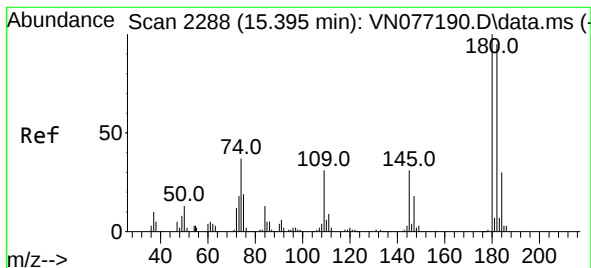
Tgt Ion:117 Resp: 648808
Ion Ratio Lower Upper
117 100
82 56.7 43.5 65.3
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077209.D
Acq: 27 Mar 2023 18:39

Tgt Ion:152 Resp: 228596
Ion Ratio Lower Upper
152 100
115 60.8 30.3 90.9
150 158.8 0.0 353.6





#93

1,2,4-Trichlorobenzene

Concen: 4.973 ug/l

RT: 15.407 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN077209.D

Acq: 27 Mar 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

PB151668TB

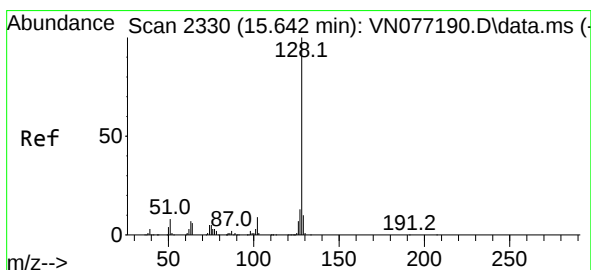
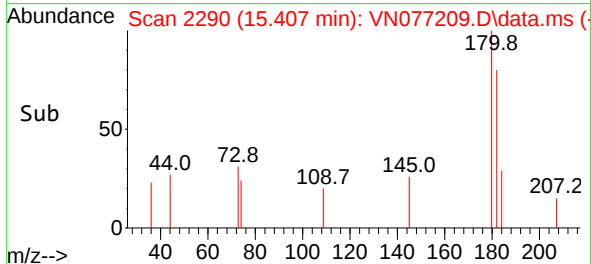
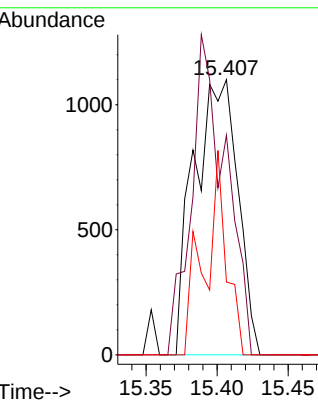
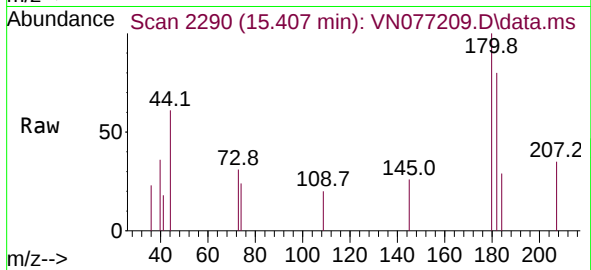
Tgt Ion:180 Resp: 2375

Ion Ratio Lower Upper

180 100

182 90.9 47.4 142.2

145 36.7 15.8 47.3



#95

Naphthalene

Concen: 6.516 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN077209.D

Acq: 27 Mar 2023 18:39

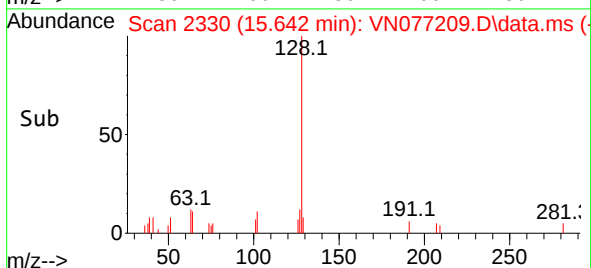
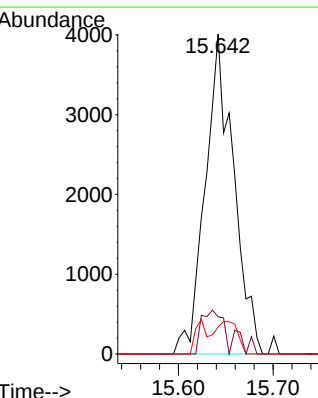
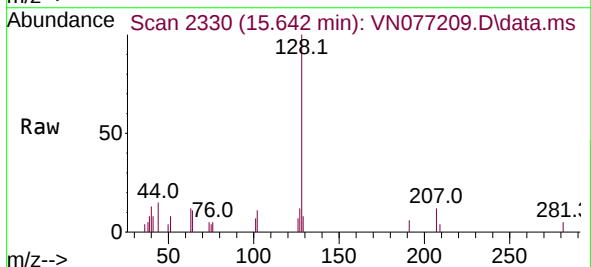
Tgt Ion:128 Resp: 8348

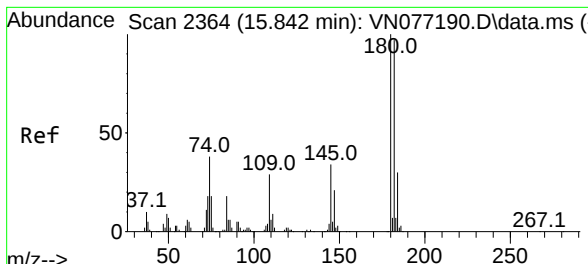
Ion Ratio Lower Upper

128 100

127 10.2 10.2 15.4#

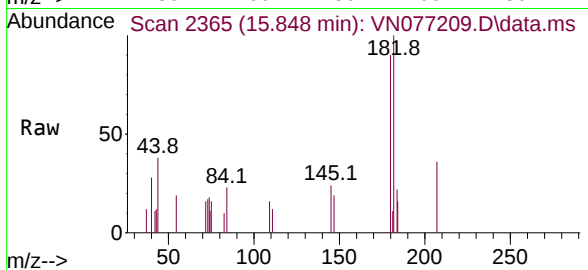
129 7.2 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 5.363 ug/l
 RT: 15.848 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN077209.D
 Acq: 27 Mar 2023 18:39

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151668TB



Tgt Ion:	180	Resp:	2820
Ion	Ratio	Lower	Upper
180	100		
182	107.6	47.7	143.1
145	27.0	17.0	51.0

