

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077210.D
 Acq On : 27 Mar 2023 19:03
 Operator : JC\MD
 Sample : PB151668ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151668ZHE#01

Quant Time: Mar 28 07:42:21 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)

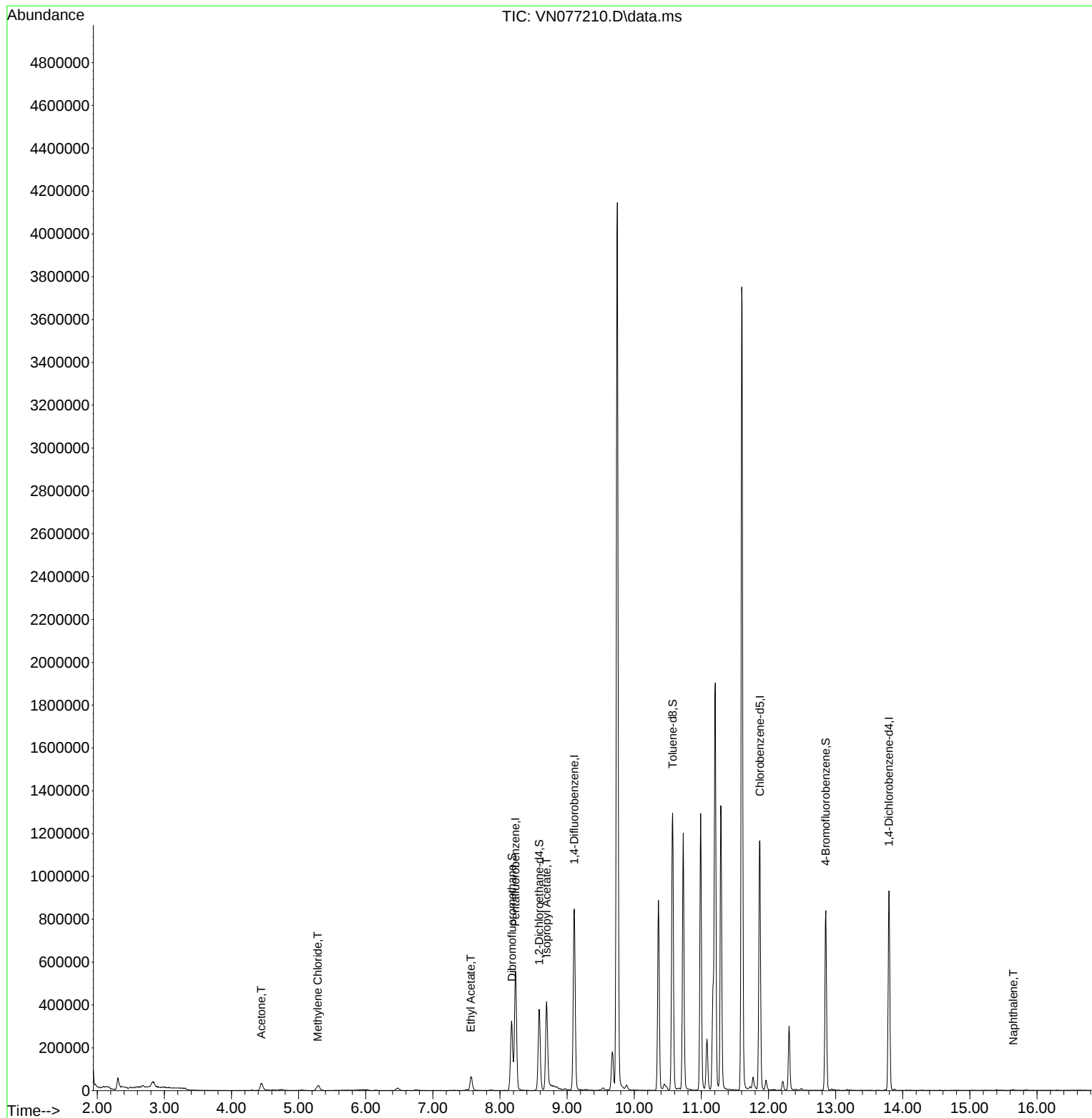
Internal Standards						
1) Pentafluorobenzene	8.230	168	394162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	702953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	649478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	238552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	300875	48.820	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.640%
35) Dibromofluoromethane	8.178	113	222640	46.676	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.360%
50) Toluene-d8	10.571	98	878821	49.171	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.854	95	271449	46.277	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.560%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	64624	28.202	ug/l	94
20) Methylene Chloride	5.284	84	17972	3.522	ug/l #	68
37) Ethyl Acetate	7.566	43	97752	13.210	ug/l #	91
43) Isopropyl Acetate	8.695	43	495662	41.520	ug/l #	74
95) Naphthalene	15.648	128	3069	6.127	ug/l #	93

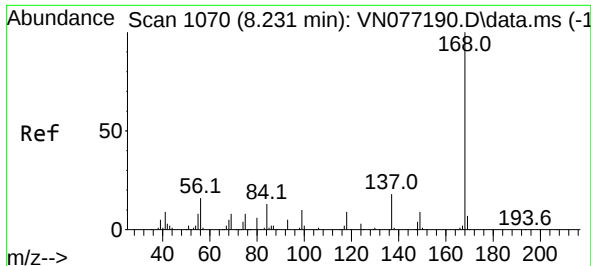
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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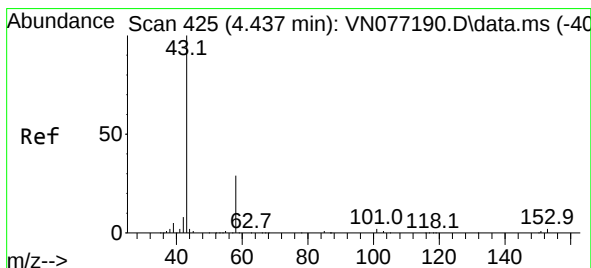
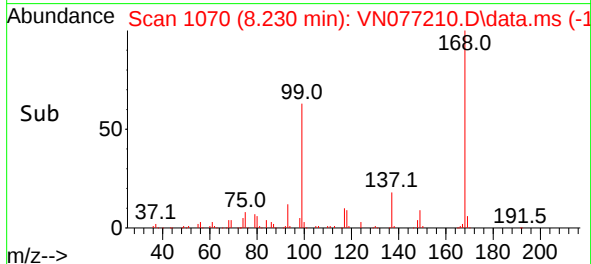
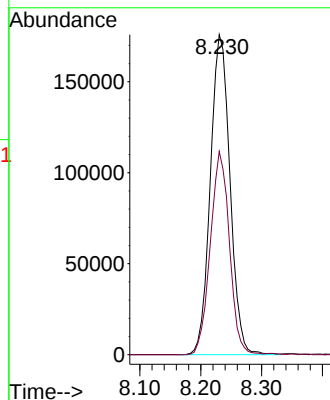
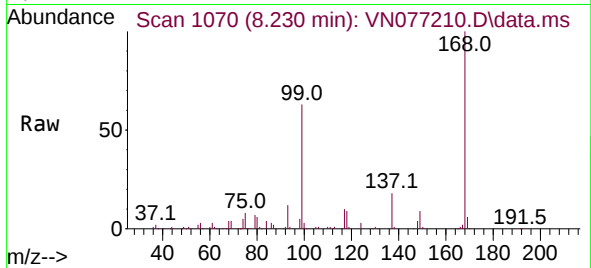




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077210.D
Acq: 27 Mar 2023 19:03

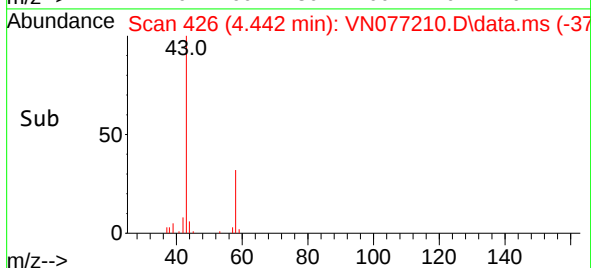
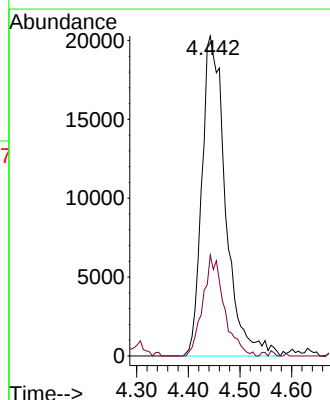
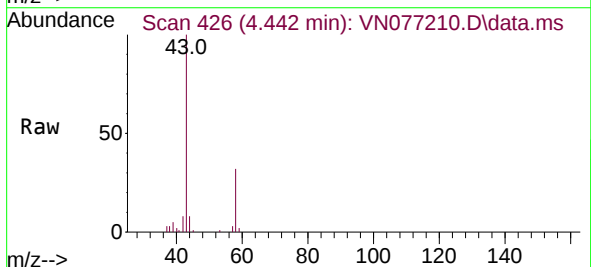
Instrument :
MSVOA_N
ClientSampleId :
PB151668ZHE#01

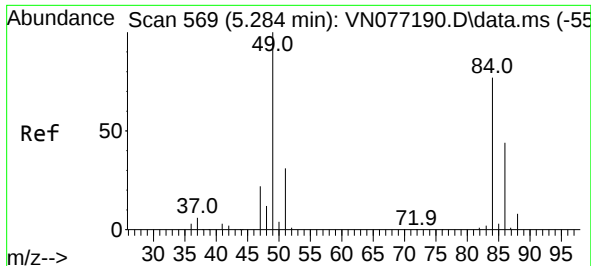
Tgt Ion:168 Resp: 394162
Ion Ratio Lower Upper
168 100
99 63.5 48.6 73.0



#16
Acetone
Concen: 28.202 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.005 min
Lab File: VN077210.D
Acq: 27 Mar 2023 19:03

Tgt Ion: 43 Resp: 64624
Ion Ratio Lower Upper
43 100
58 31.5 28.2 42.2

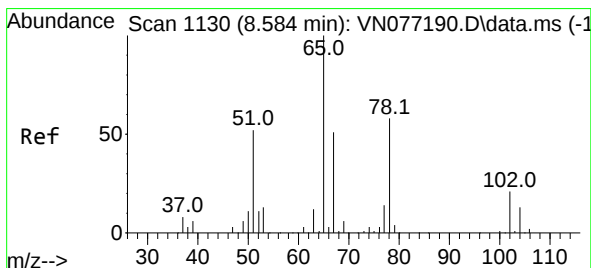
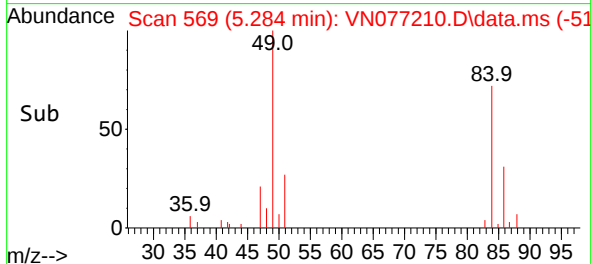
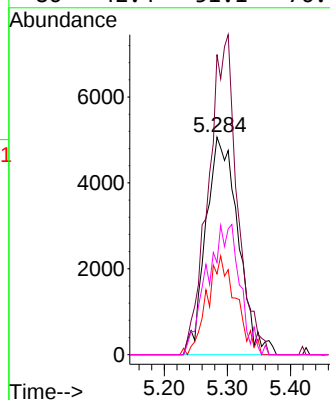
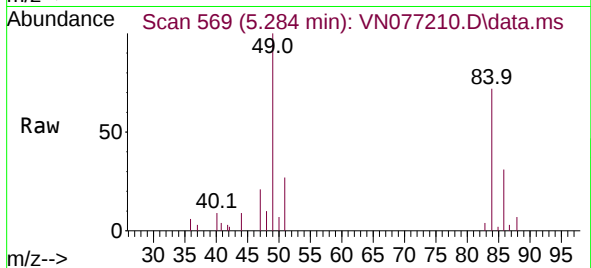




#20
Methylene Chloride
Concen: 3.522 ug/l
RT: 5.284 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077210.D
Acq: 27 Mar 2023 19:03

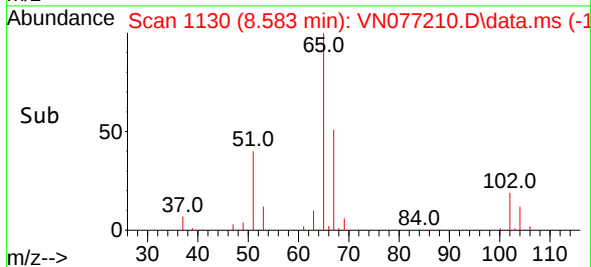
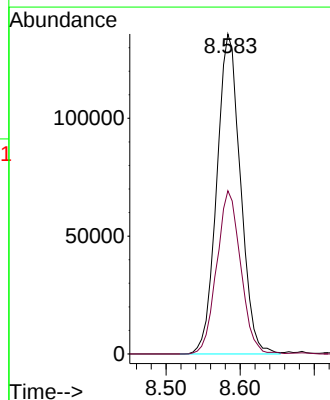
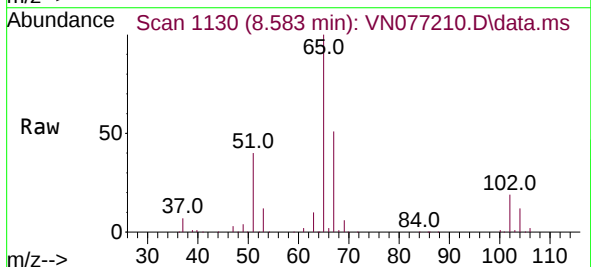
Instrument :
MSVOA_N
ClientSampleId :
PB151668ZHE#01

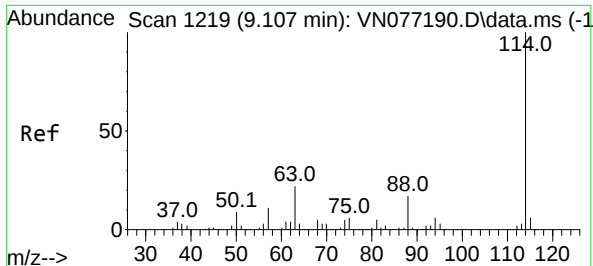
Tgt Ion:	84	Resp:	17972
Ion	Ratio	Lower	Upper
84	100		
49	138.0	76.6	114.8#
51	37.2	25.4	38.2
86	42.4	51.1	76.7#



#33
1,2-Dichloroethane-d4
Concen: 48.820 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN077210.D
Acq: 27 Mar 2023 19:03

Tgt Ion:	65	Resp:	300875
Ion	Ratio	Lower	Upper
65	100		
67	51.6	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: VN077210.D

Acq: 27 Mar 2023 19:03

Instrument :

MSVOA_N

ClientSampleId :

PB151668ZHE#01

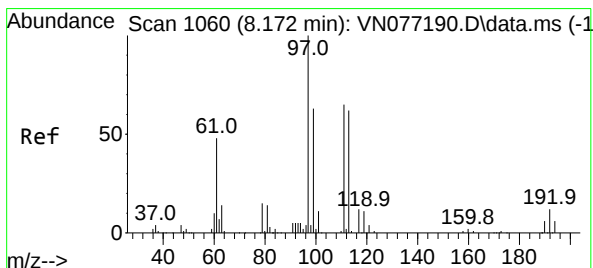
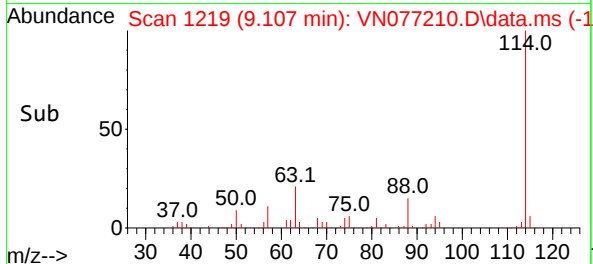
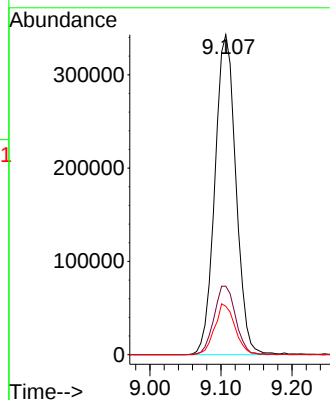
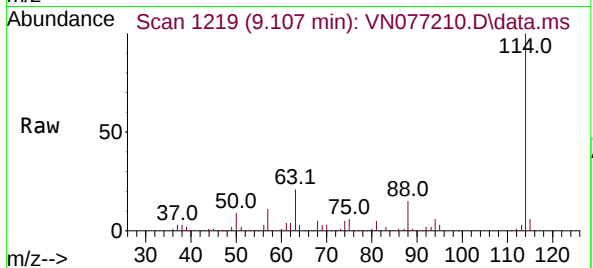
Tgt Ion:114 Resp: 702953

Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.6

88 15.1 0.0 28.6



#35

Dibromofluoromethane

Concen: 46.676 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.005 min

Lab File: VN077210.D

Acq: 27 Mar 2023 19:03

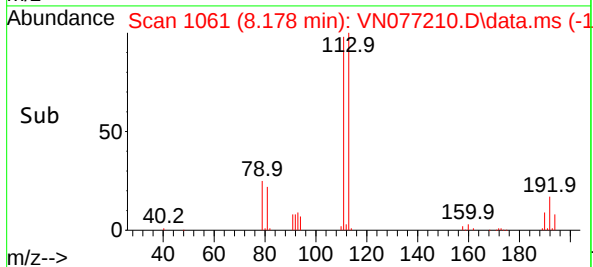
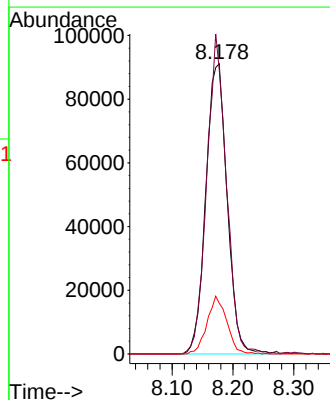
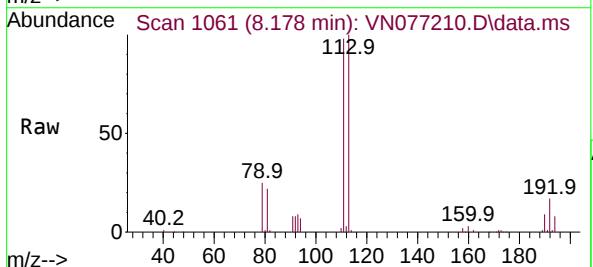
Tgt Ion:113 Resp: 222640

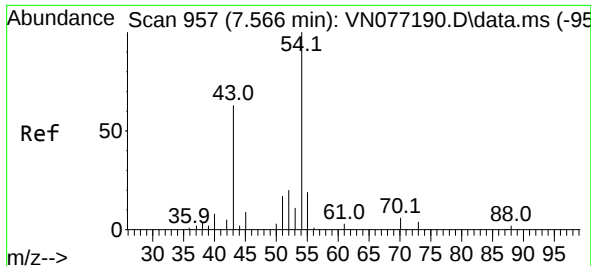
Ion Ratio Lower Upper

113 100

111 101.2 81.8 122.8

192 18.4 13.9 20.9

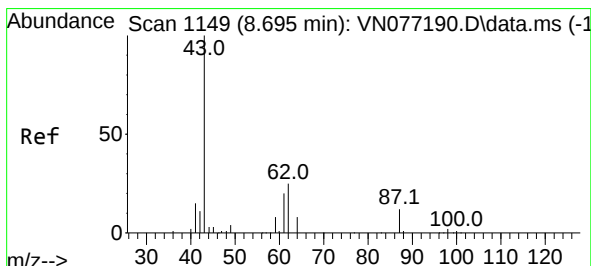
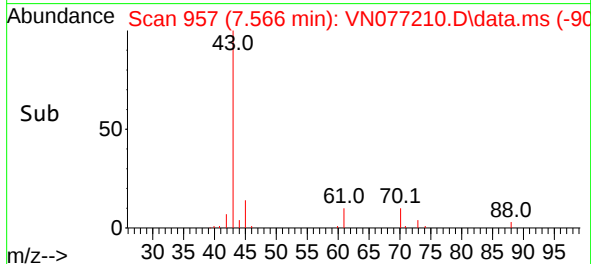
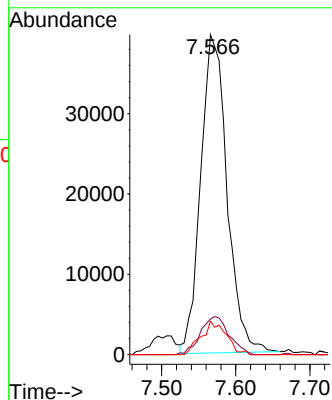
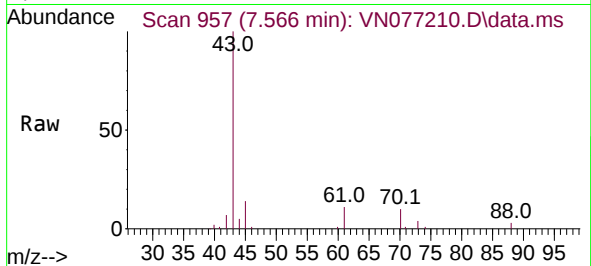




#37
Ethyl Acetate
Concen: 13.210 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077210.D
Acq: 27 Mar 2023 19:03

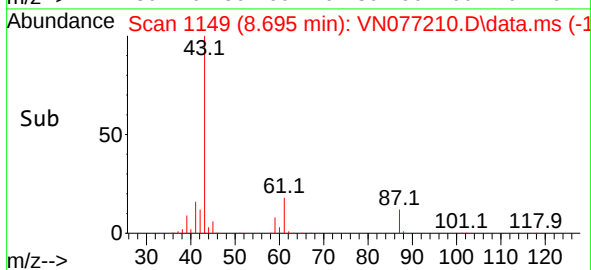
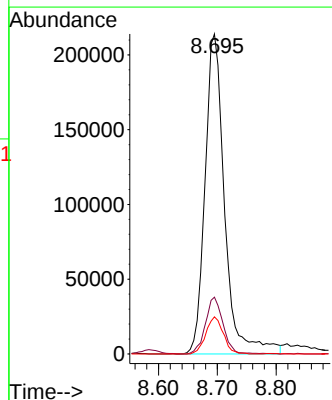
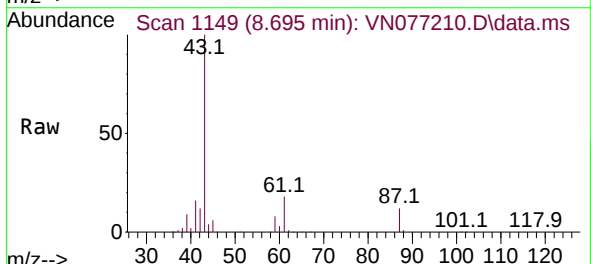
Instrument :
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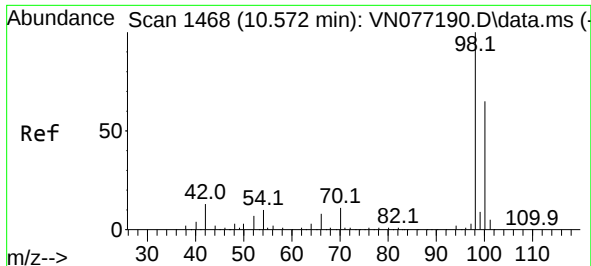
Tgt Ion: 43 Resp: 97752
Ion Ratio Lower Upper
43 100
61 13.0 13.5 20.3#
70 10.1 11.0 16.6#



#43
Isopropyl Acetate
Concen: 41.520 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077210.D
Acq: 27 Mar 2023 19:03

Tgt Ion: 43 Resp: 495662
Ion Ratio Lower Upper
43 100
61 16.0 26.2 39.2#
87 10.3 14.8 22.2#

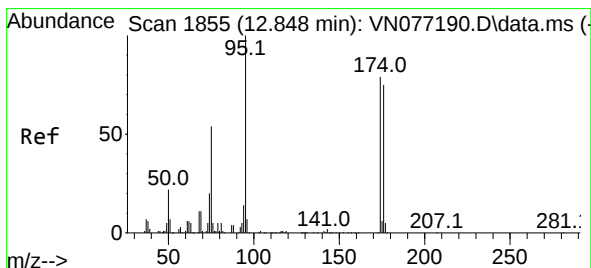
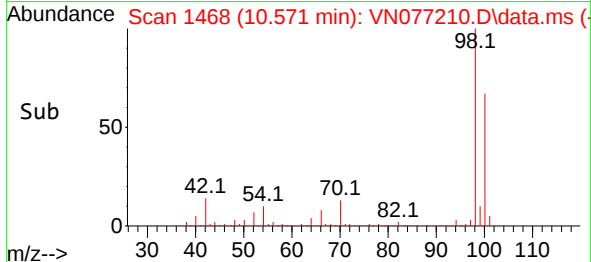
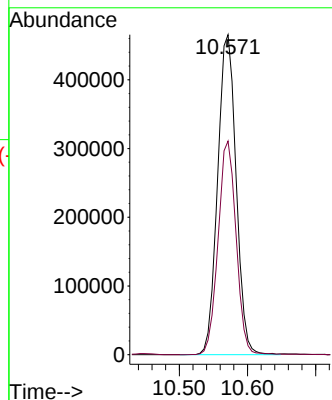
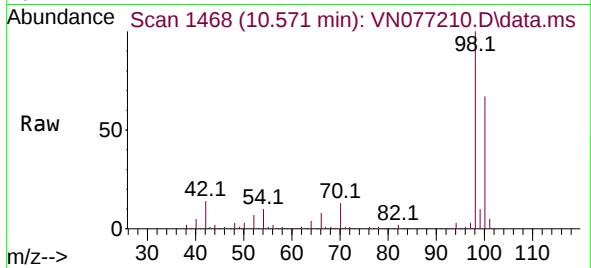




#50
Toluene-d8
Concen: 49.171 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN077210.D
Acq: 27 Mar 2023 19:03

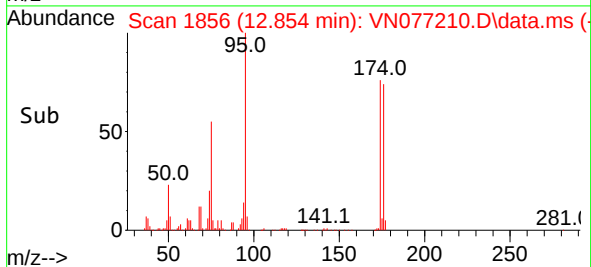
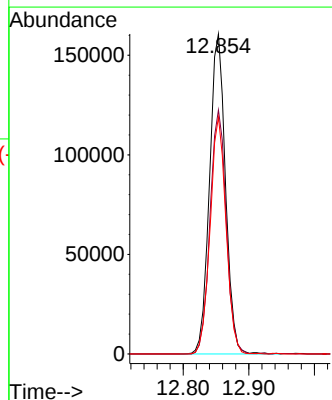
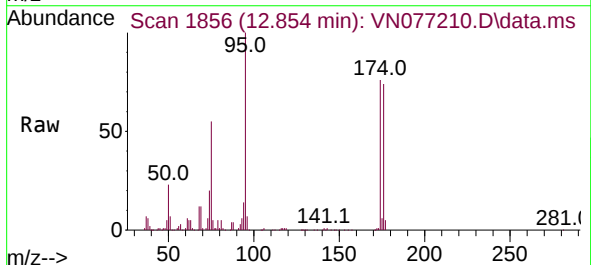
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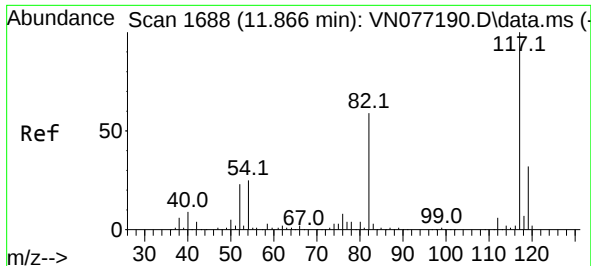
Tgt Ion: 98 Resp: 878821
Ion Ratio Lower Upper
98 100
100 65.3 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 46.277 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077210.D
Acq: 27 Mar 2023 19:03

Tgt Ion: 95 Resp: 271449
Ion Ratio Lower Upper
95 100
174 77.4 0.0 162.4
176 73.7 0.0 157.4

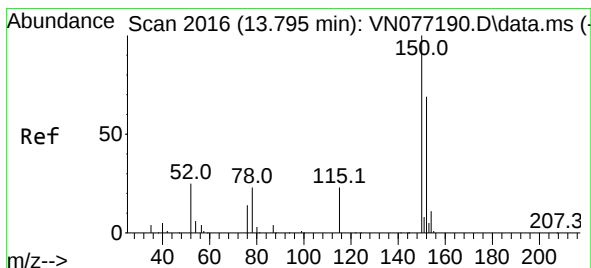
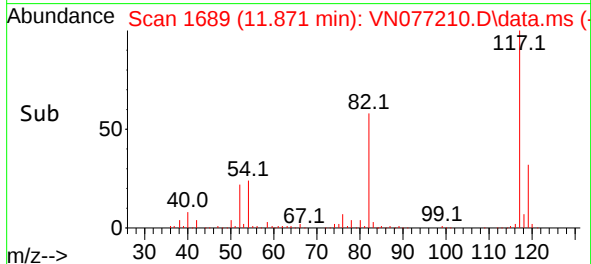
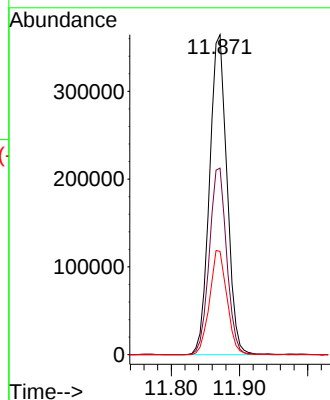
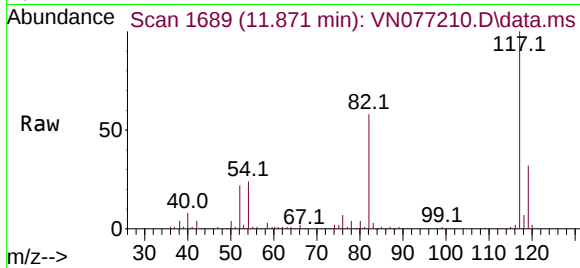




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN077210.D
Acq: 27 Mar 2023 19:03

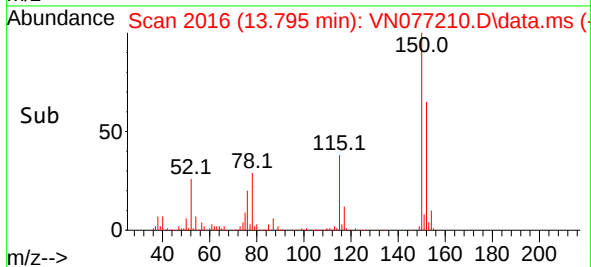
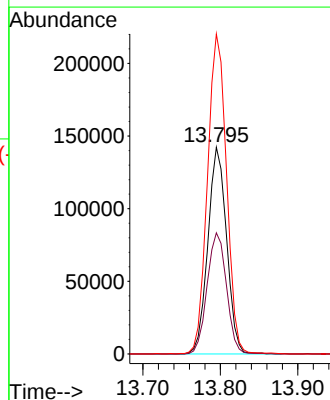
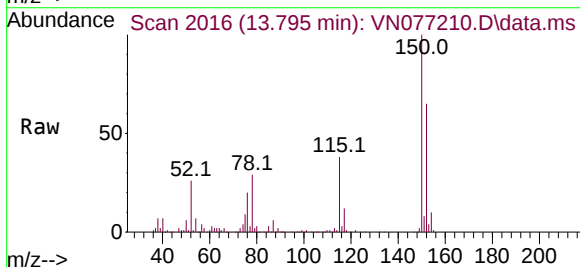
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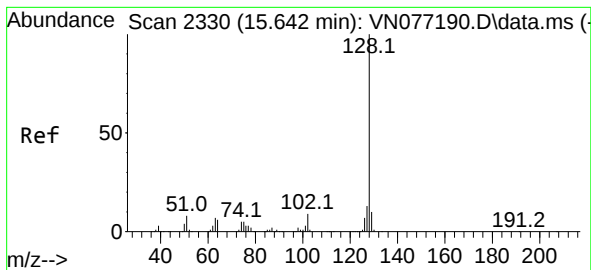
Tgt Ion:117 Resp: 649478
Ion Ratio Lower Upper
117 100
82 58.3 43.5 65.3
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077210.D
Acq: 27 Mar 2023 19:03

Tgt Ion:152 Resp: 238552
Ion Ratio Lower Upper
152 100
115 60.5 30.3 90.9
150 157.7 0.0 353.6





#95

Naphthalene

Concen: 6.127 ug/l

RT: 15.648 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077210.D

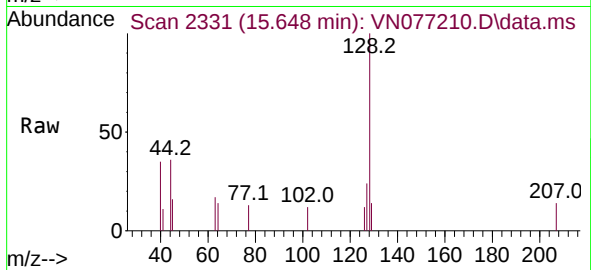
Acq: 27 Mar 2023 19:03

Instrument :

MSVOA_N

ClientSampleId :

PB151668ZHE#01



Tgt Ion:	128	Resp:	3069
Ion	Ratio	Lower	Upper
128	100		
127	16.2	10.2	15.4#
129	8.9	8.9	13.3

