

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052523\
 Data File : VN077901.D
 Acq On : 25 May 2023 14:51
 Operator : JC\MD
 Sample : 02944-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-363-365

Quant Time: May 26 04:32:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

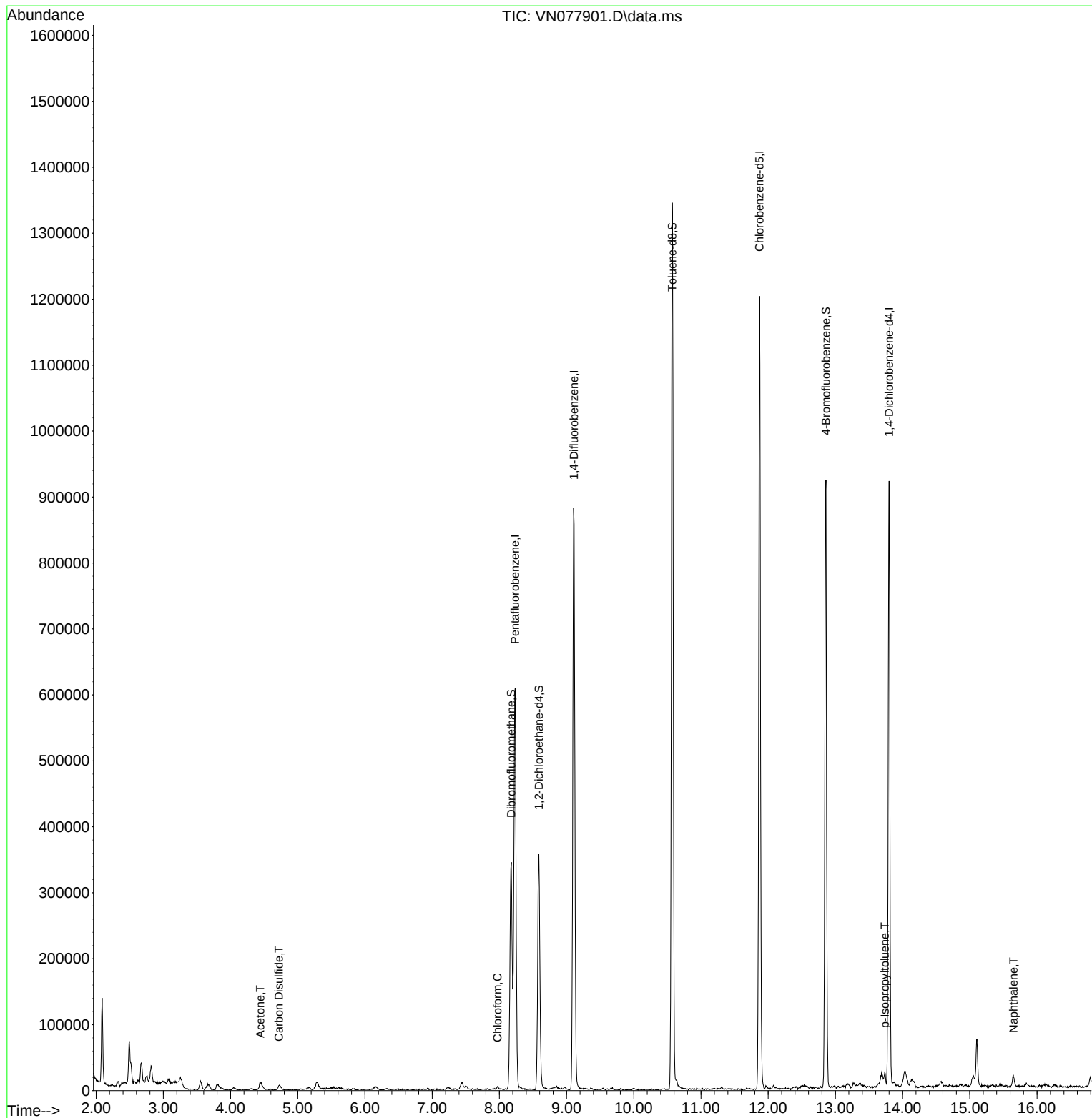
Internal Standards						
1) Pentafluorobenzene	8.236	168	438917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	811508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	710388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	244755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	300292	45.725	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.460%
35) Dibromofluoromethane	8.177	113	251849	47.593	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.180%
50) Toluene-d8	10.571	98	995313	48.866	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.740%
62) 4-Bromofluorobenzene	12.859	95	340700	47.361	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.720%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	21043	10.185	ug/l #	85
17) Carbon Disulfide	4.718	76	8145	0.655	ug/l #	89
30) Chloroform	7.971	83	3711	0.346	ug/l #	78
86) p-Isopropyltoluene	13.735	119	9894	0.564	ug/l	97
95) Naphthalene	15.653	128	13790	0.824	ug/l #	82

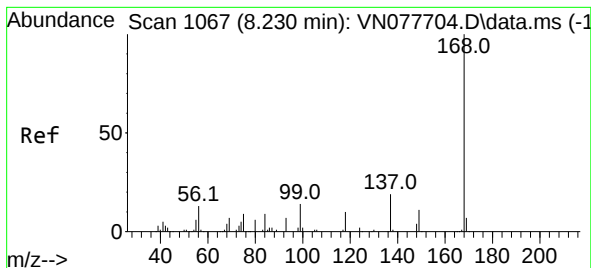
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.236 min Scan# 1

Delta R.T. 0.006 min

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Instrument :

MSVOA_N

ClientSampleId :

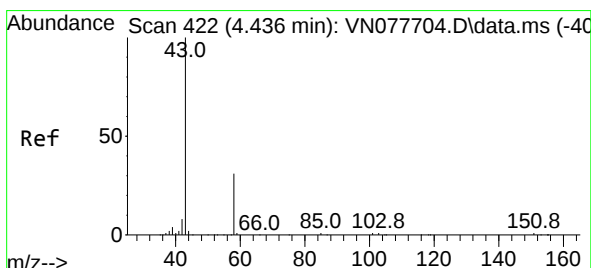
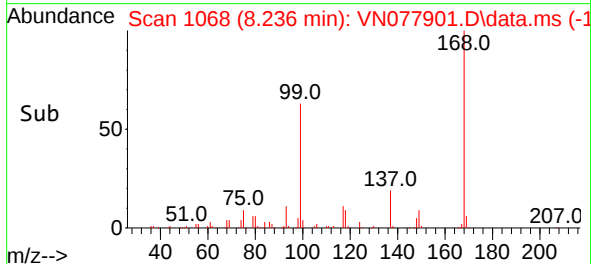
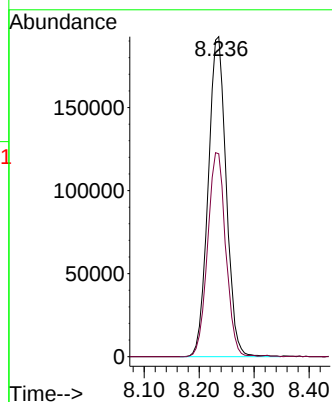
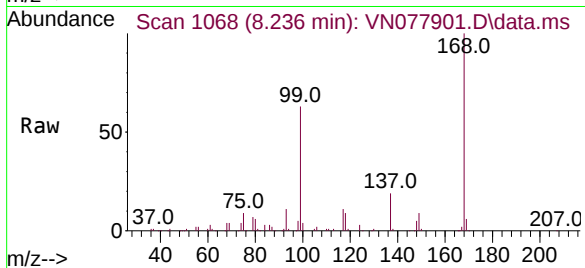
BP-VPB-RW11-GW-363-365

Tgt Ion:168 Resp: 438917

Ion Ratio Lower Upper

168 100

99 63.4 53.0 79.6



#16

Acetone

Concen: 10.185 ug/l

RT: 4.442 min Scan# 423

Delta R.T. 0.012 min

Lab File: VN077901.D

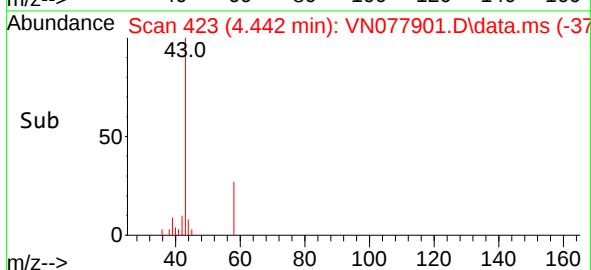
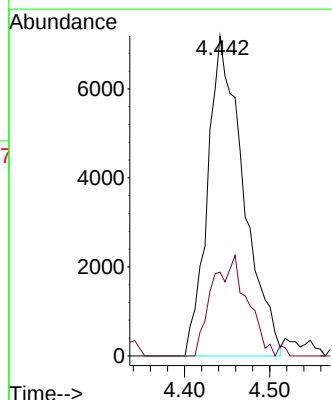
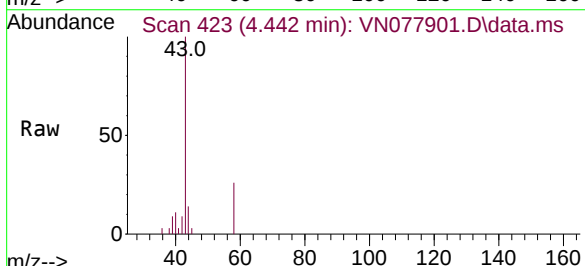
Acq: 25 May 2023 14:51

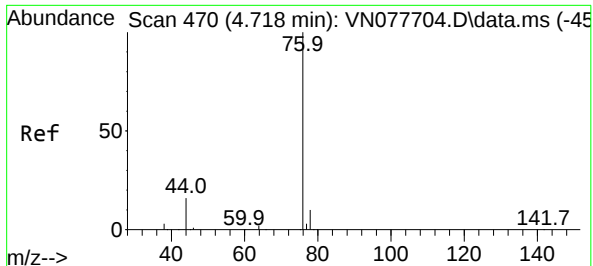
Tgt Ion: 43 Resp: 21043

Ion Ratio Lower Upper

43 100

58 26.2 28.0 42.0#

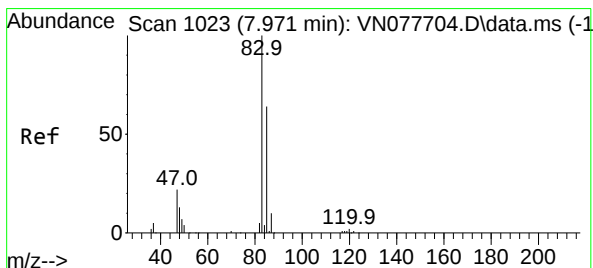
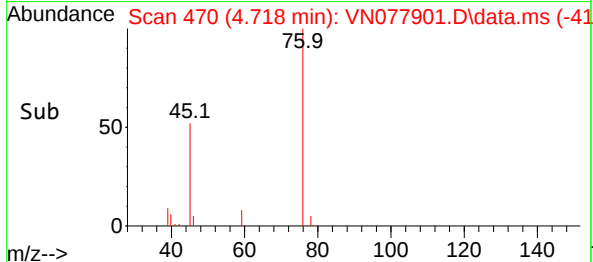
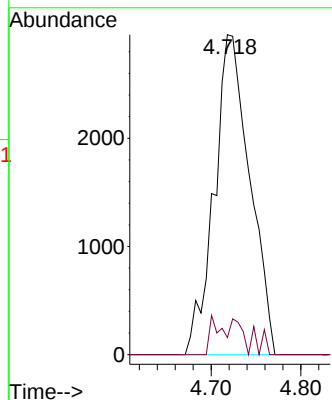
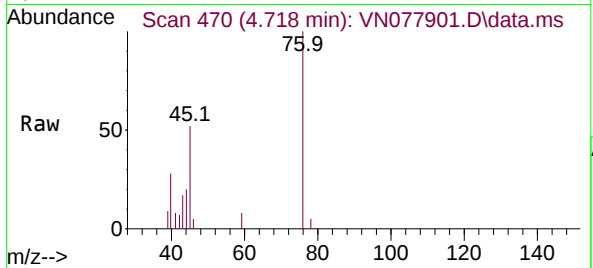




#17
Carbon Disulfide
Concen: 0.655 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077901.D
Acq: 25 May 2023 14:51

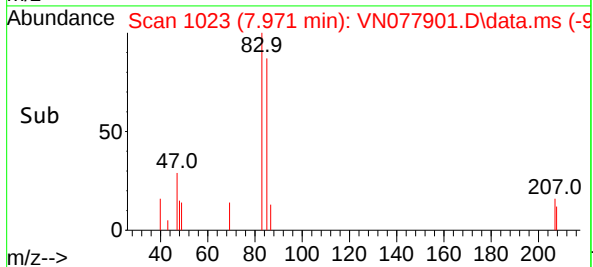
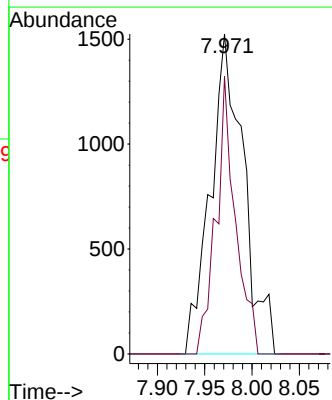
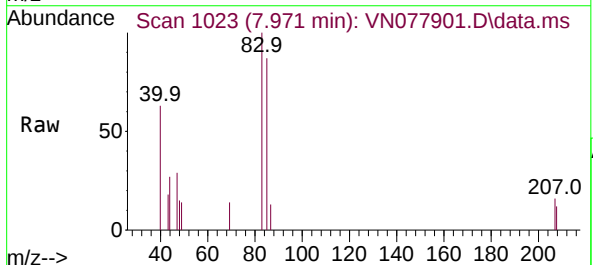
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-363-365

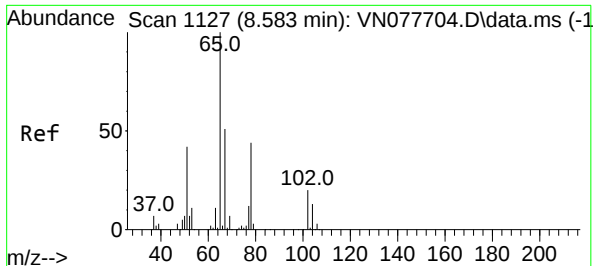
Tgt Ion: 76 Resp: 8145
Ion Ratio Lower Upper
76 100
78 5.3 7.4 11.0#



#30
Chloroform
Concen: 0.346 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN077901.D
Acq: 25 May 2023 14:51

Tgt Ion: 83 Resp: 3711
Ion Ratio Lower Upper
83 100
85 86.8 55.4 83.0#





#33

1,2-Dichloroethane-d4

Concen: 45.725 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077901.D

Acq: 25 May 2023 14:51

Instrument :

MSVOA_N

ClientSampleId :

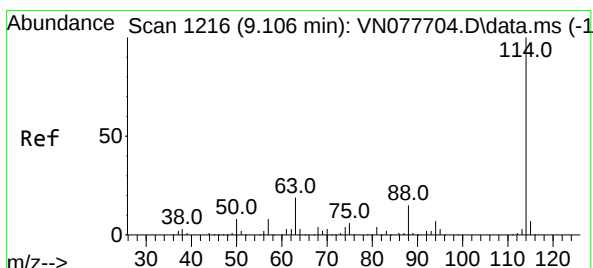
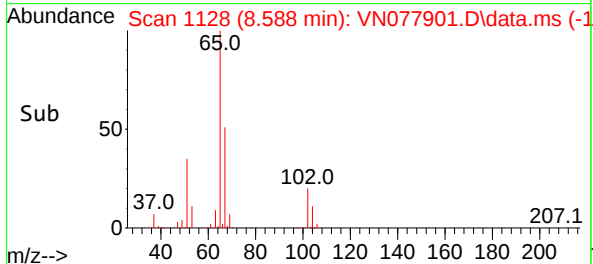
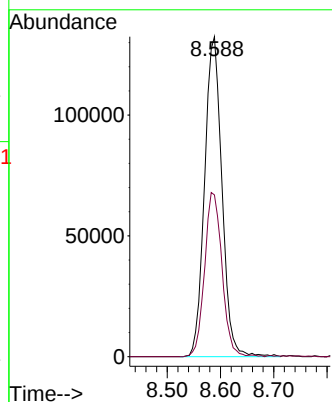
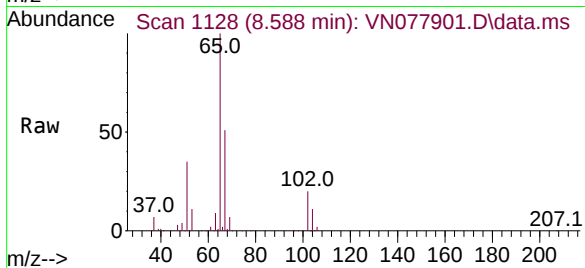
BP-VPB-RW11-GW-363-365

Tgt Ion: 65 Resp: 300292

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN077901.D

Acq: 25 May 2023 14:51

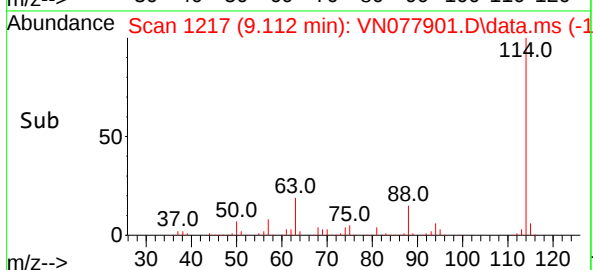
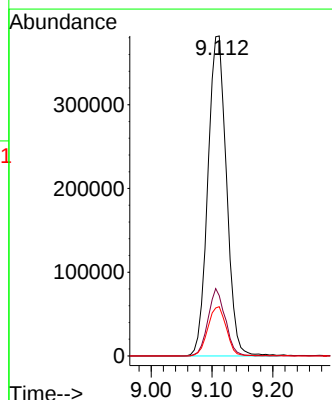
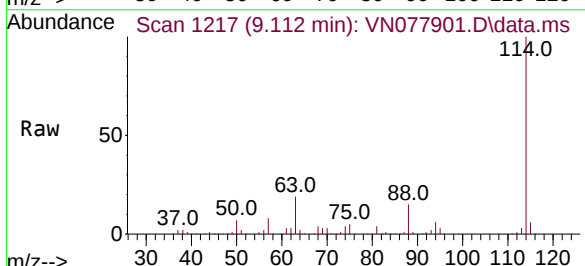
Tgt Ion: 114 Resp: 811508

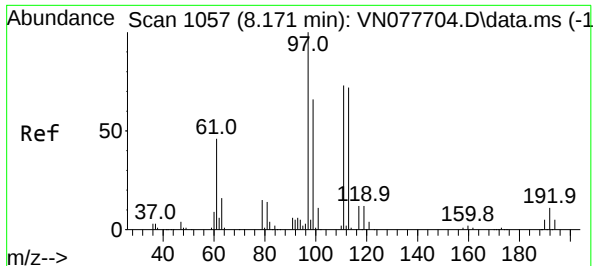
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.593 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077901.D

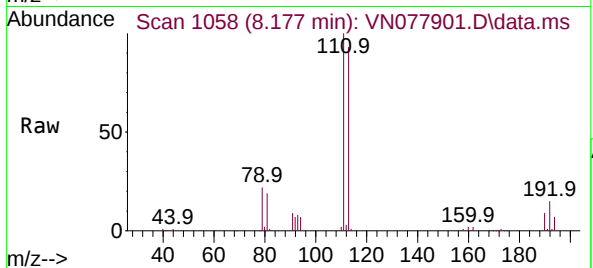
Acq: 25 May 2023 14:51

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-363-365



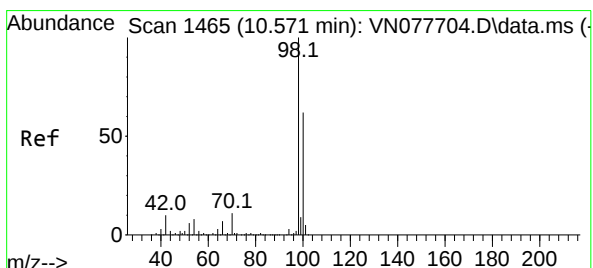
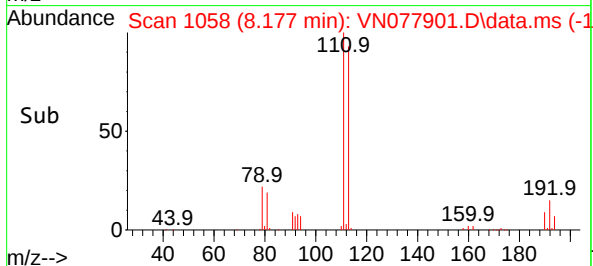
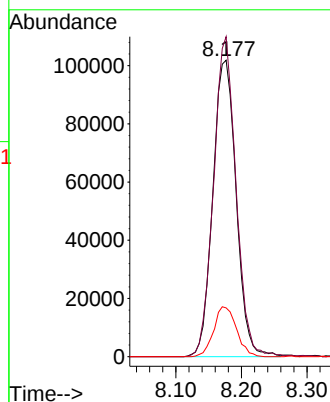
Tgt Ion:113 Resp: 251849

Ion Ratio Lower Upper

113 100

111 104.0 82.6 123.8

192 16.4 12.7 19.1



#50

Toluene-d8

Concen: 48.866 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN077901.D

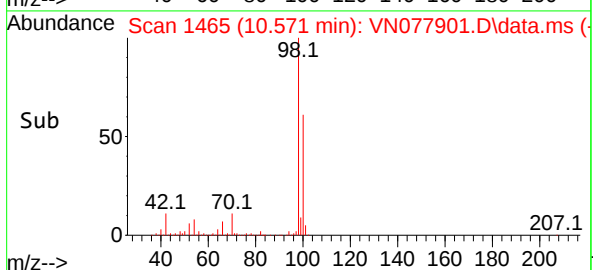
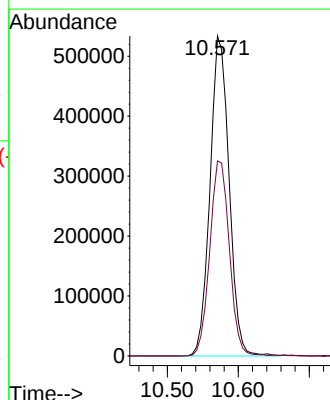
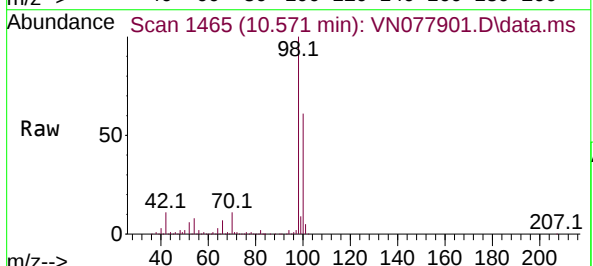
Acq: 25 May 2023 14:51

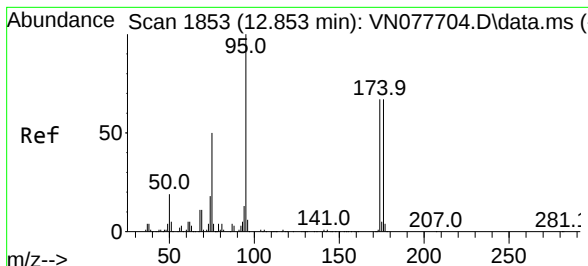
Tgt Ion: 98 Resp: 995313

Ion Ratio Lower Upper

98 100

100 62.8 52.0 78.0

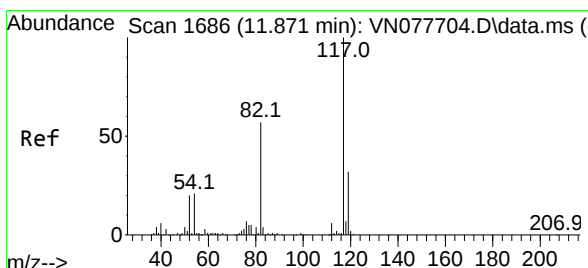
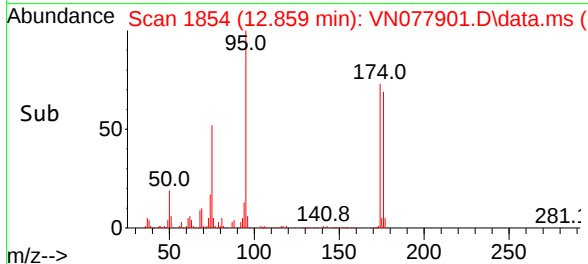
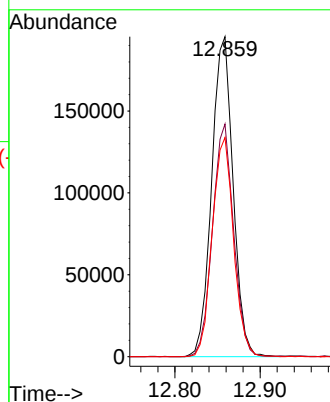
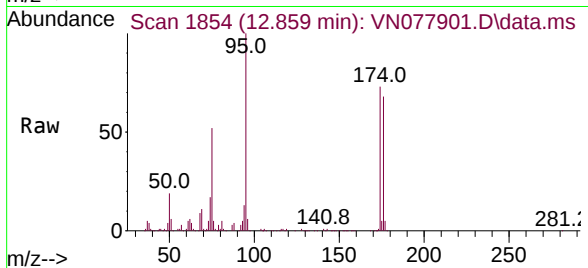




#62
4-Bromofluorobenzene
Concen: 47.361 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077901.D
Acq: 25 May 2023 14:51

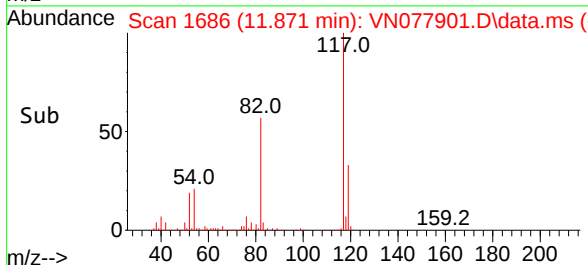
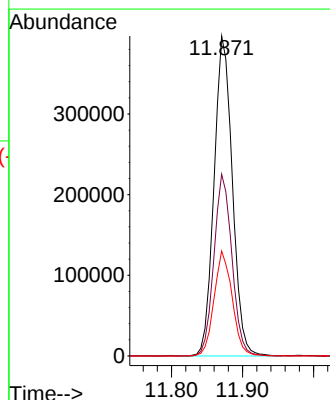
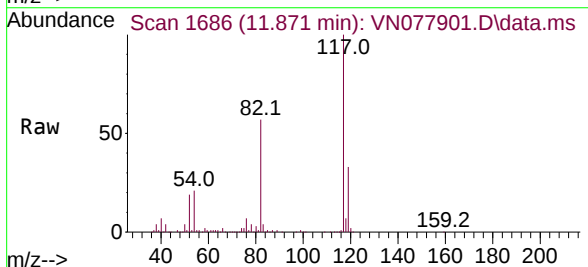
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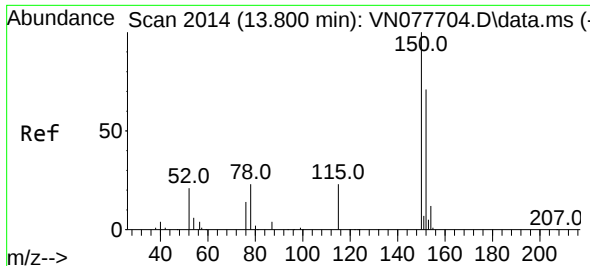
Tgt Ion: 95 Resp: 340700
Ion Ratio Lower Upper
95 100
174 72.0 0.0 143.8
176 68.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077901.D
Acq: 25 May 2023 14:51

Tgt Ion: 117 Resp: 710388
Ion Ratio Lower Upper
117 100
82 56.8 44.0 66.0
119 32.8 25.6 38.4

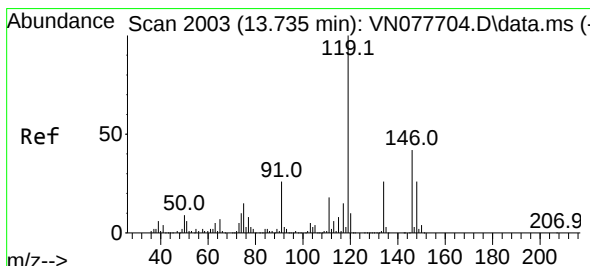
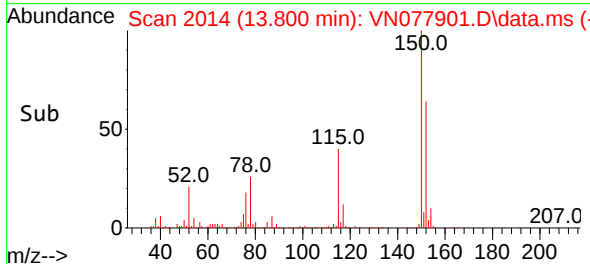
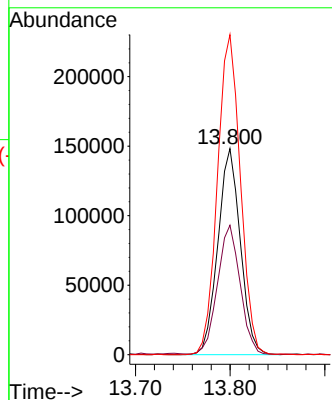
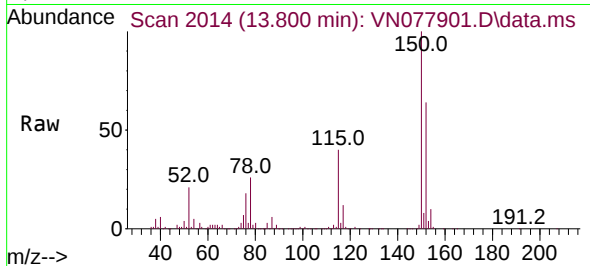




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077901.D
Acq: 25 May 2023 14:51

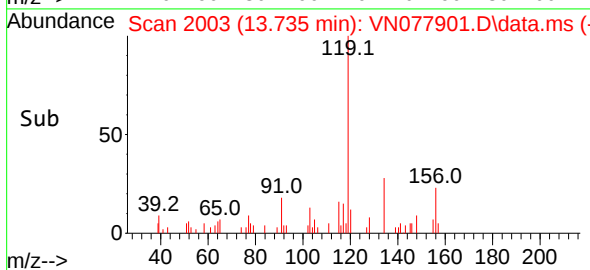
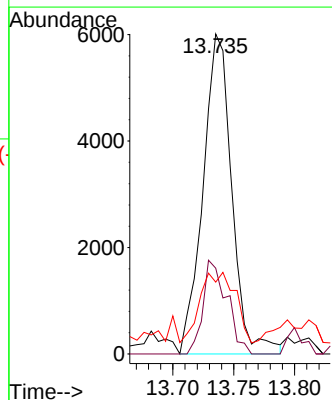
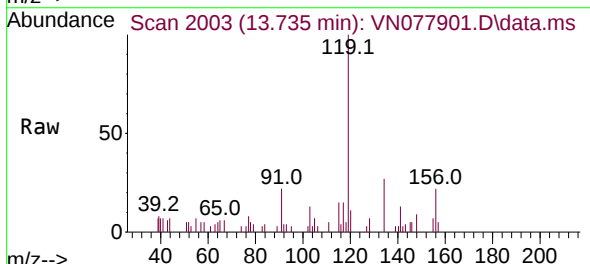
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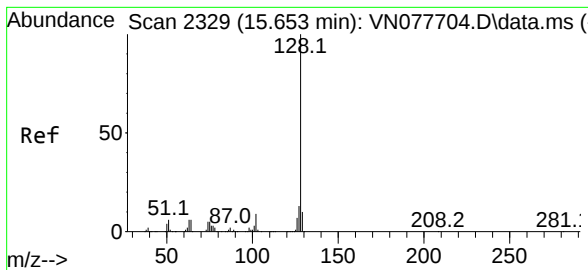
Tgt Ion:152 Resp: 244755
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 158.2 0.0 355.8



#86
p-Isopropyltoluene
Concen: 0.564 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN077901.D
Acq: 25 May 2023 14:51

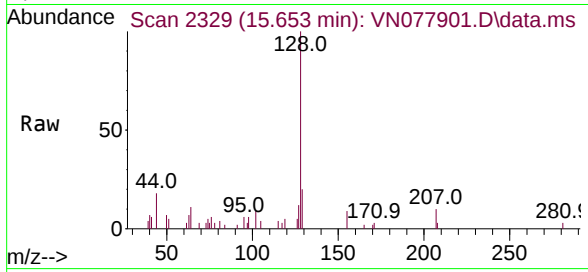
Tgt Ion:119 Resp: 9894
Ion Ratio Lower Upper
119 100
134 24.3 12.6 37.8
91 26.8 12.4 37.2





#95
Naphthalene
Concen: 0.824 ug/l
RT: 15.653 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077901.D
Acq: 25 May 2023 14:51

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-363-365



Tgt Ion:	128	Resp:	13790
Ion	Ratio	Lower	Upper
128	100		
127	17.0	10.0	15.0#
129	20.7	8.7	13.1#

