

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032823\
 Data File : VN077231.D
 Acq On : 28 Mar 2023 12:30
 Operator : JC\MD
 Sample : VN0328WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBL01

Quant Time: Mar 29 01:11:39 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)

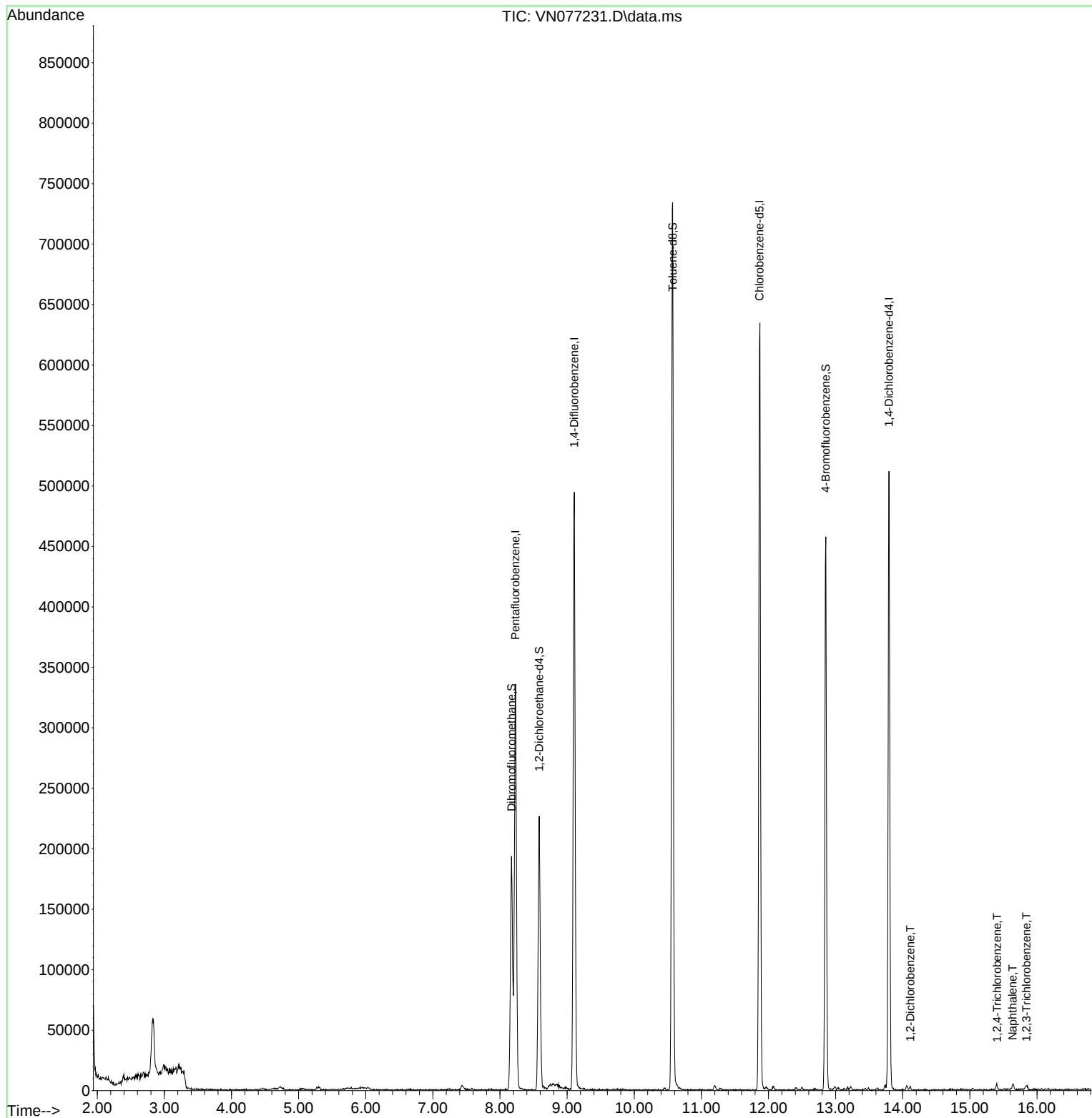
Internal Standards						
1) Pentafluorobenzene	8.230	168	219362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	390030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	341966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	120839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	171351	49.959	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.920%
35) Dibromofluoromethane	8.172	113	124073	46.881	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.760%
50) Toluene-d8	10.572	98	485404	48.948	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.900%
62) 4-Bromofluorobenzene	12.854	95	128647	39.528	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	79.060%#
Target Compounds						
					Qvalue	
91) 1,2-Dichlorobenzene	14.112	146	1250	0.317	ug/l	82
93) 1,2,4-Trichlorobenzene	15.406	180	1607	5.140	ug/l	76
95) Naphthalene	15.636	128	4991	6.595	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.842	180	2235	5.721	ug/l #	81

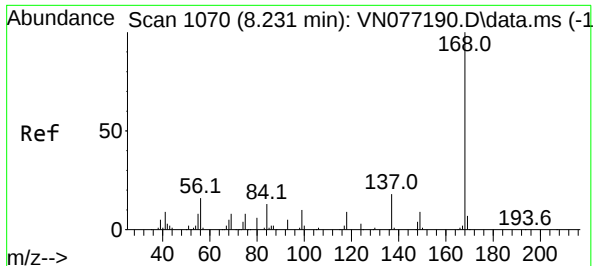
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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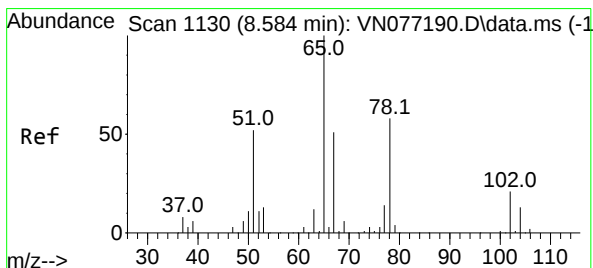
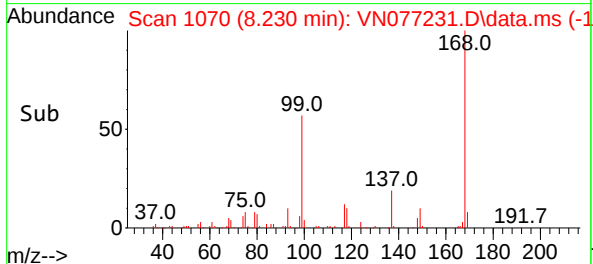
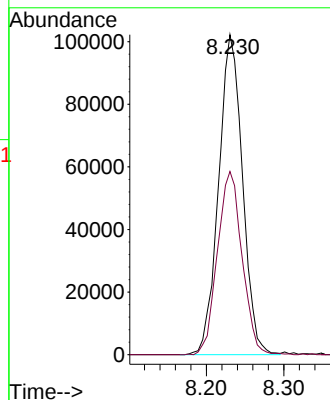
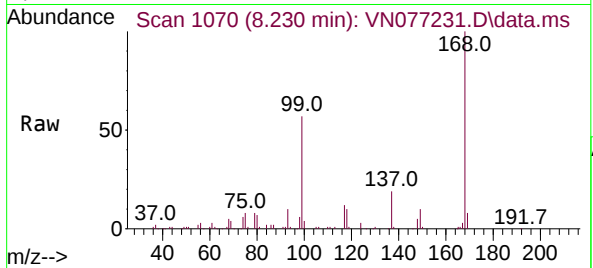




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN077231.D
Acq: 28 Mar 2023 12:30

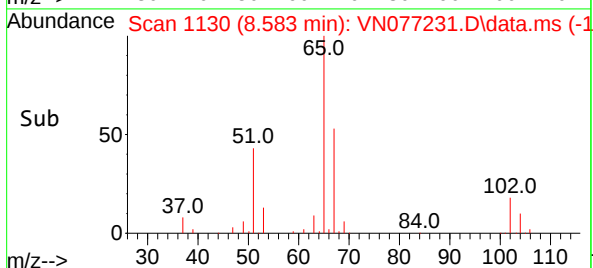
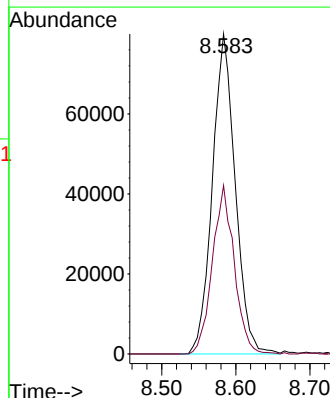
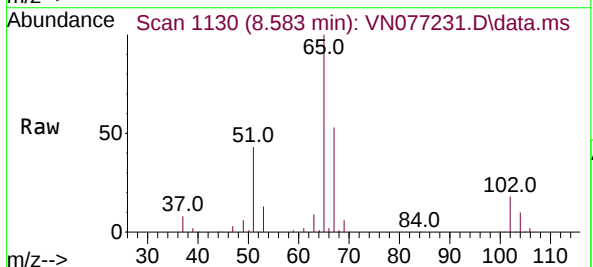
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

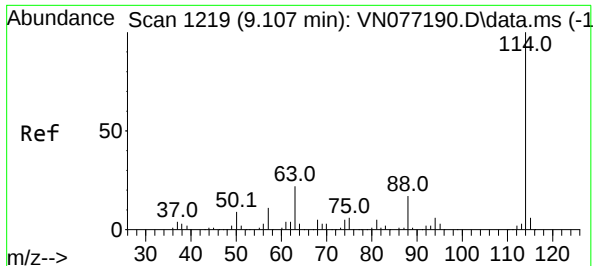
Tgt Ion:168 Resp: 219362
Ion Ratio Lower Upper
168 100
99 57.2 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 49.959 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN077231.D
Acq: 28 Mar 2023 12:30

Tgt Ion: 65 Resp: 171351
Ion Ratio Lower Upper
65 100
67 50.2 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: VN077231.D

Acq: 28 Mar 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBL01

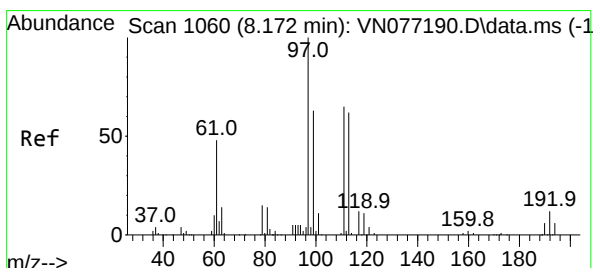
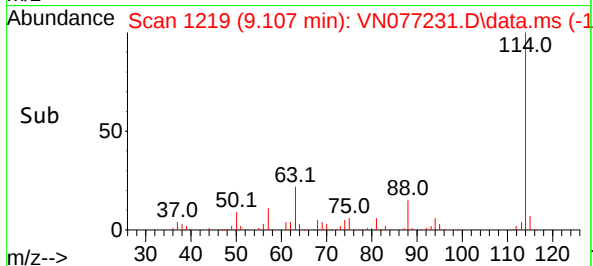
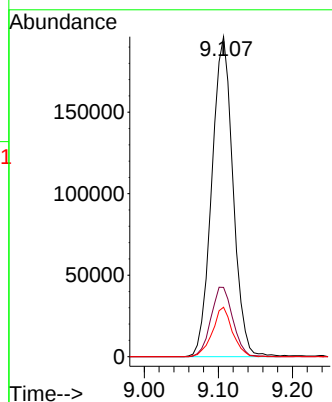
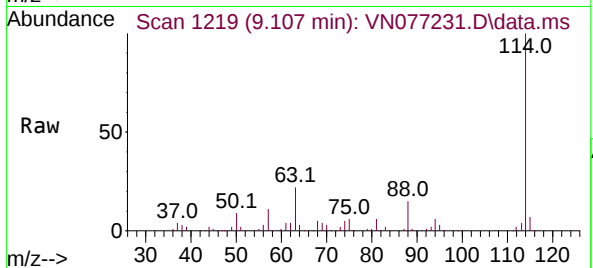
Tgt Ion:114 Resp: 390030

Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.6

88 15.5 0.0 28.6



#35

Dibromofluoromethane

Concen: 46.881 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077231.D

Acq: 28 Mar 2023 12:30

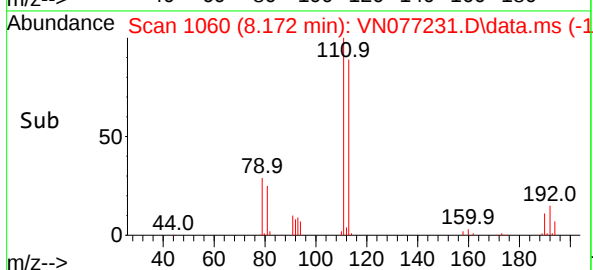
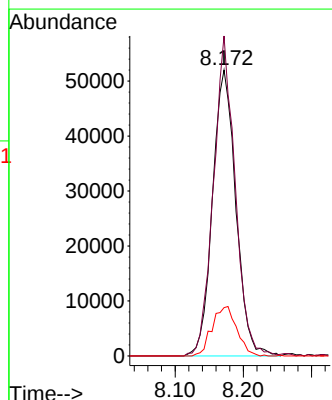
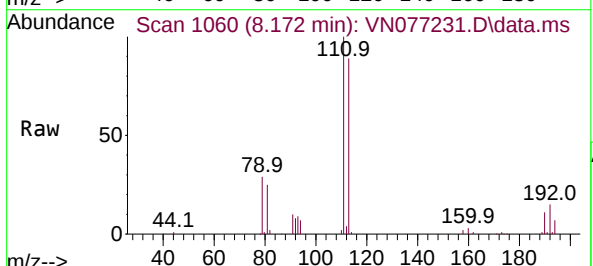
Tgt Ion:113 Resp: 124073

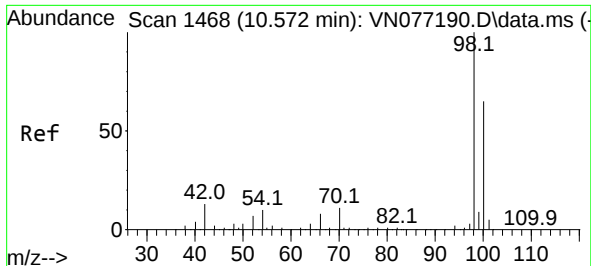
Ion Ratio Lower Upper

113 100

111 103.9 81.8 122.8

192 18.4 13.9 20.9

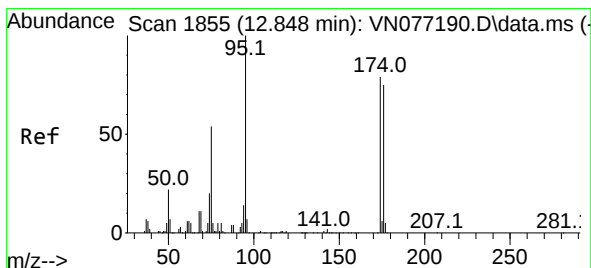
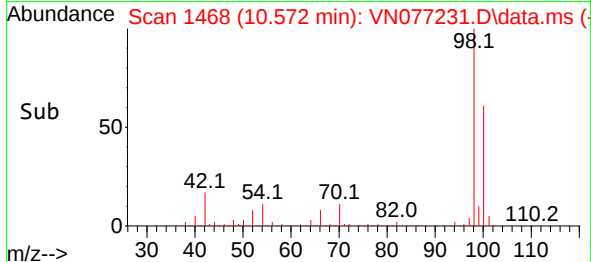
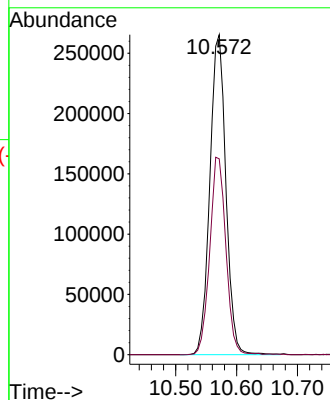
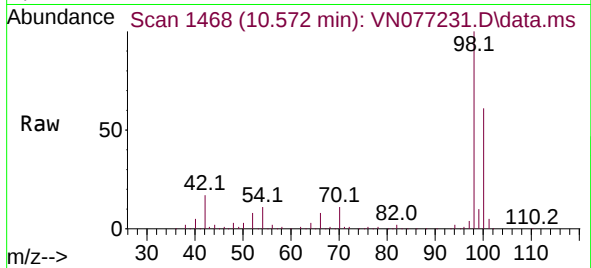




#50
Toluene-d8
Concen: 48.948 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077231.D
Acq: 28 Mar 2023 12:30

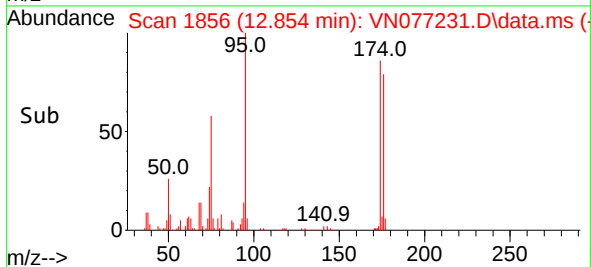
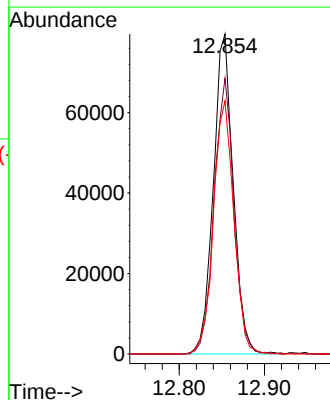
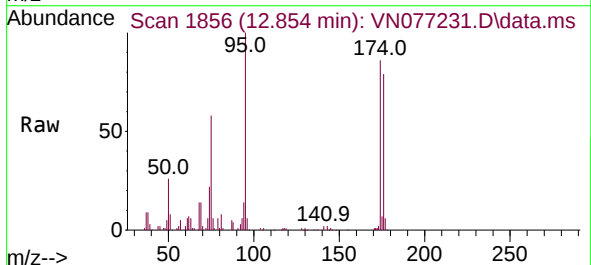
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

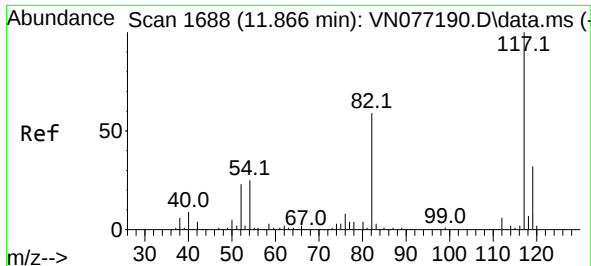
Tgt Ion: 98 Resp: 485404
Ion Ratio Lower Upper
98 100
100 62.0 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 39.528 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077231.D
Acq: 28 Mar 2023 12:30

Tgt Ion: 95 Resp: 128647
Ion Ratio Lower Upper
95 100
174 86.1 0.0 162.4
176 81.1 0.0 157.4

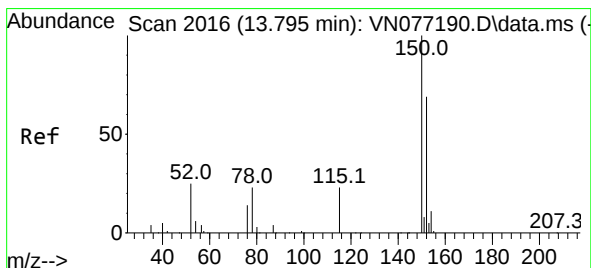
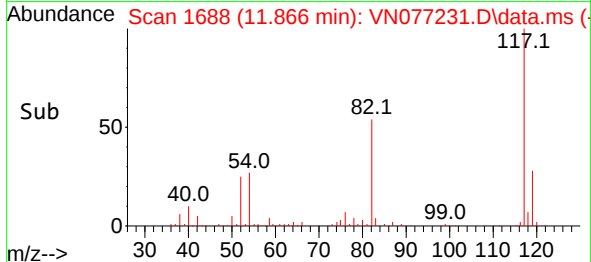
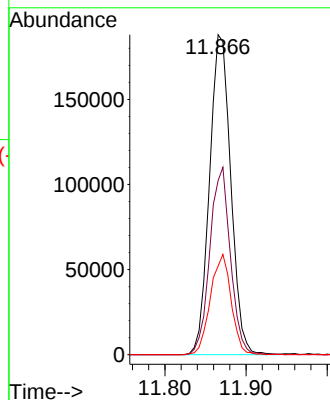
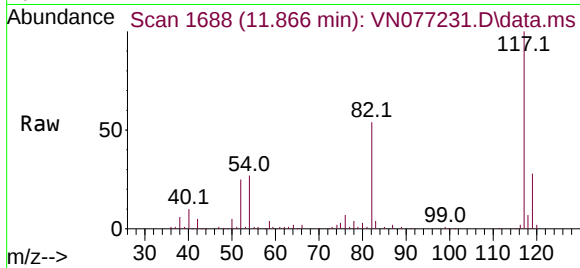




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077231.D
Acq: 28 Mar 2023 12:30

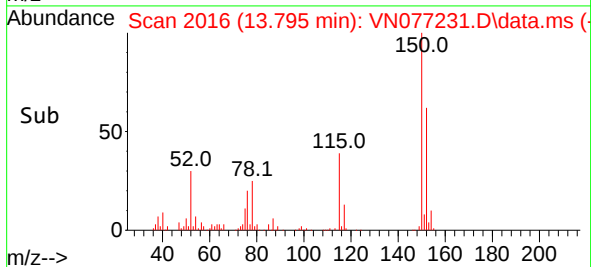
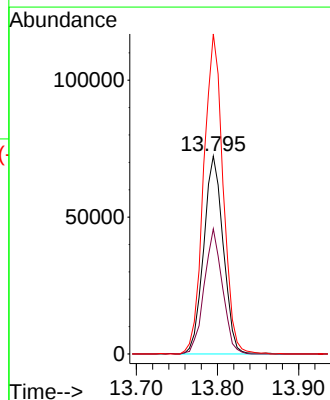
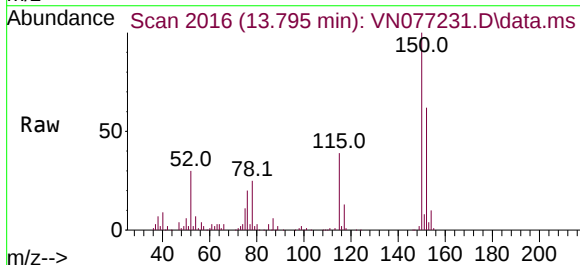
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

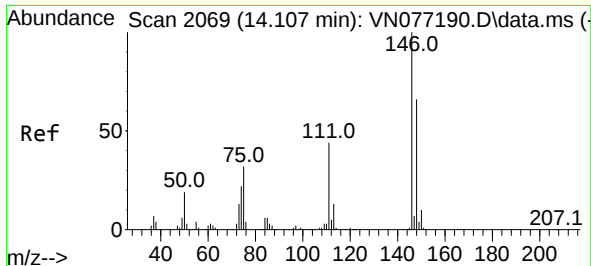
Tgt Ion:117 Resp: 341966
Ion Ratio Lower Upper
117 100
82 54.4 43.5 65.3
119 27.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077231.D
Acq: 28 Mar 2023 12:30

Tgt Ion:152 Resp: 120839
Ion Ratio Lower Upper
152 100
115 58.9 30.3 90.9
150 160.2 0.0 353.6

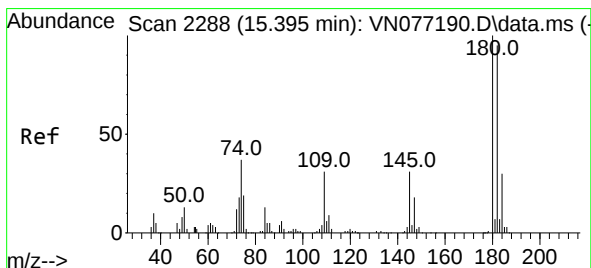
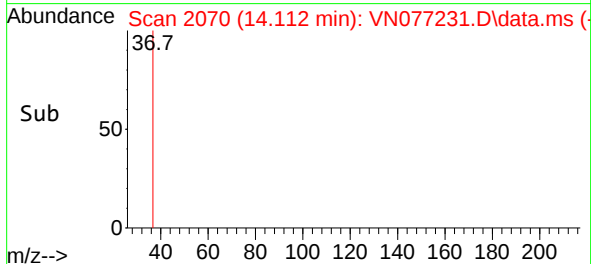
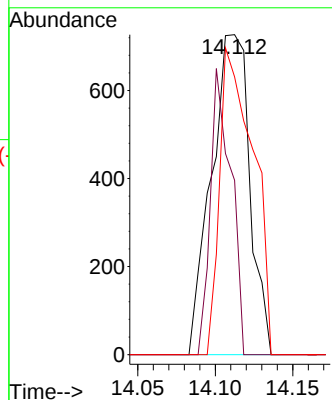
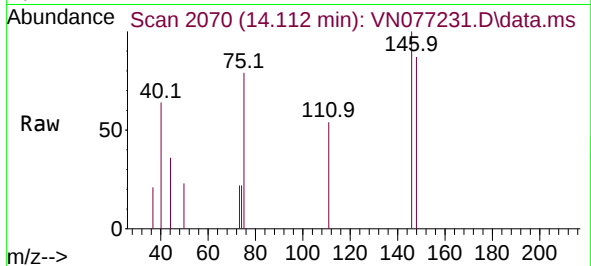




#91
1,2-Dichlorobenzene
Concen: 0.317 ug/l
RT: 14.112 min Scan# 2069
Delta R.T. 0.005 min
Lab File: VN077231.D
Acq: 28 Mar 2023 12:30

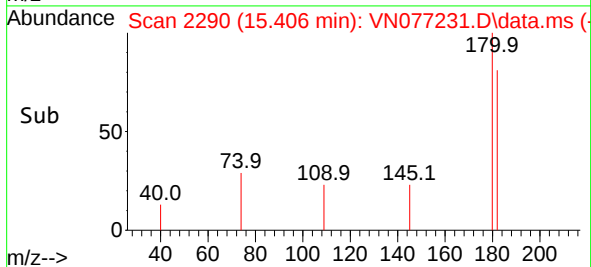
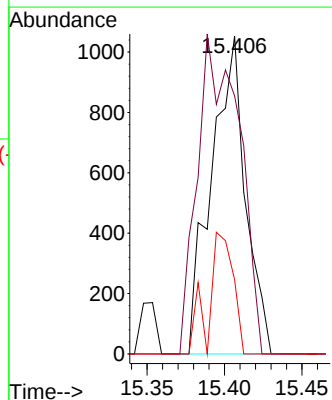
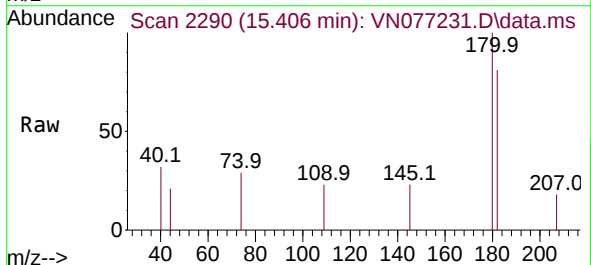
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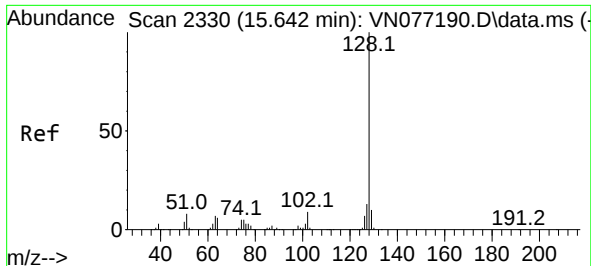
Tgt Ion:146 Resp: 1250
Ion Ratio Lower Upper
146 100
111 48.0 21.4 64.2
148 83.8 32.0 96.0



#93
1,2,4-Trichlorobenzene
Concen: 5.140 ug/l
RT: 15.406 min Scan# 2290
Delta R.T. 0.011 min
Lab File: VN077231.D
Acq: 28 Mar 2023 12:30

Tgt Ion:180 Resp: 1607
Ion Ratio Lower Upper
180 100
182 123.8 47.4 142.2
145 27.7 15.8 47.3

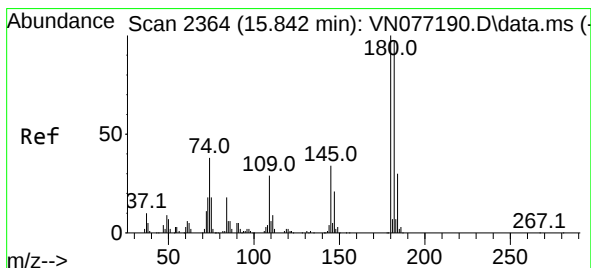
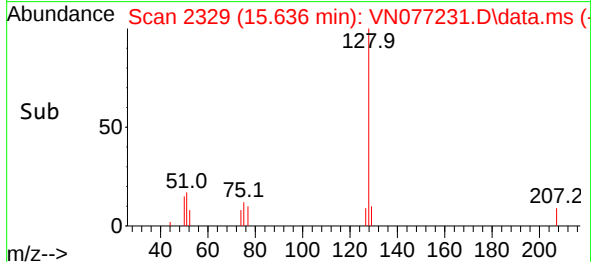
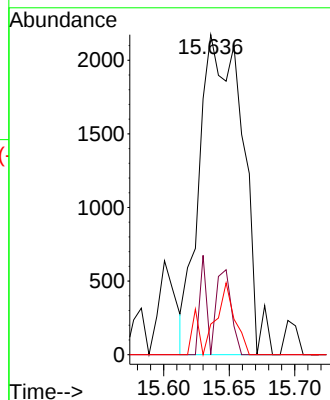
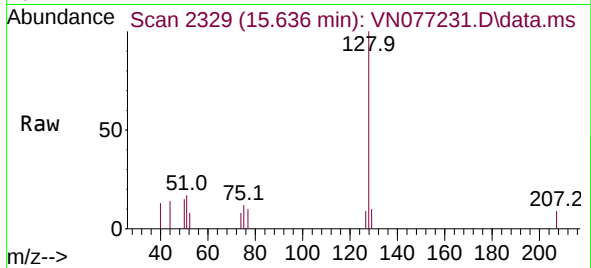




#95
Naphthalene
Concen: 6.595 ug/l
RT: 15.636 min Scan# 2329
Delta R.T. -0.006 min
Lab File: VN077231.D
Acq: 28 Mar 2023 12:30

Instrument :
MSVOA_N
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Tgt Ion:128 Resp: 4991
Ion Ratio Lower Upper
128 100
127 4.8 10.2 15.4#
129 2.2 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 5.721 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN077231.D
Acq: 28 Mar 2023 12:30

Tgt Ion:180 Resp: 2235
Ion Ratio Lower Upper
180 100
182 86.4 47.7 143.1
145 8.0 17.0 51.0#

