

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077205.D
 Acq On : 27 Mar 2023 16:43
 Operator : JC\MD
 Sample : VN0327WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBL01

Quant Time: Mar 28 07:27:56 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)

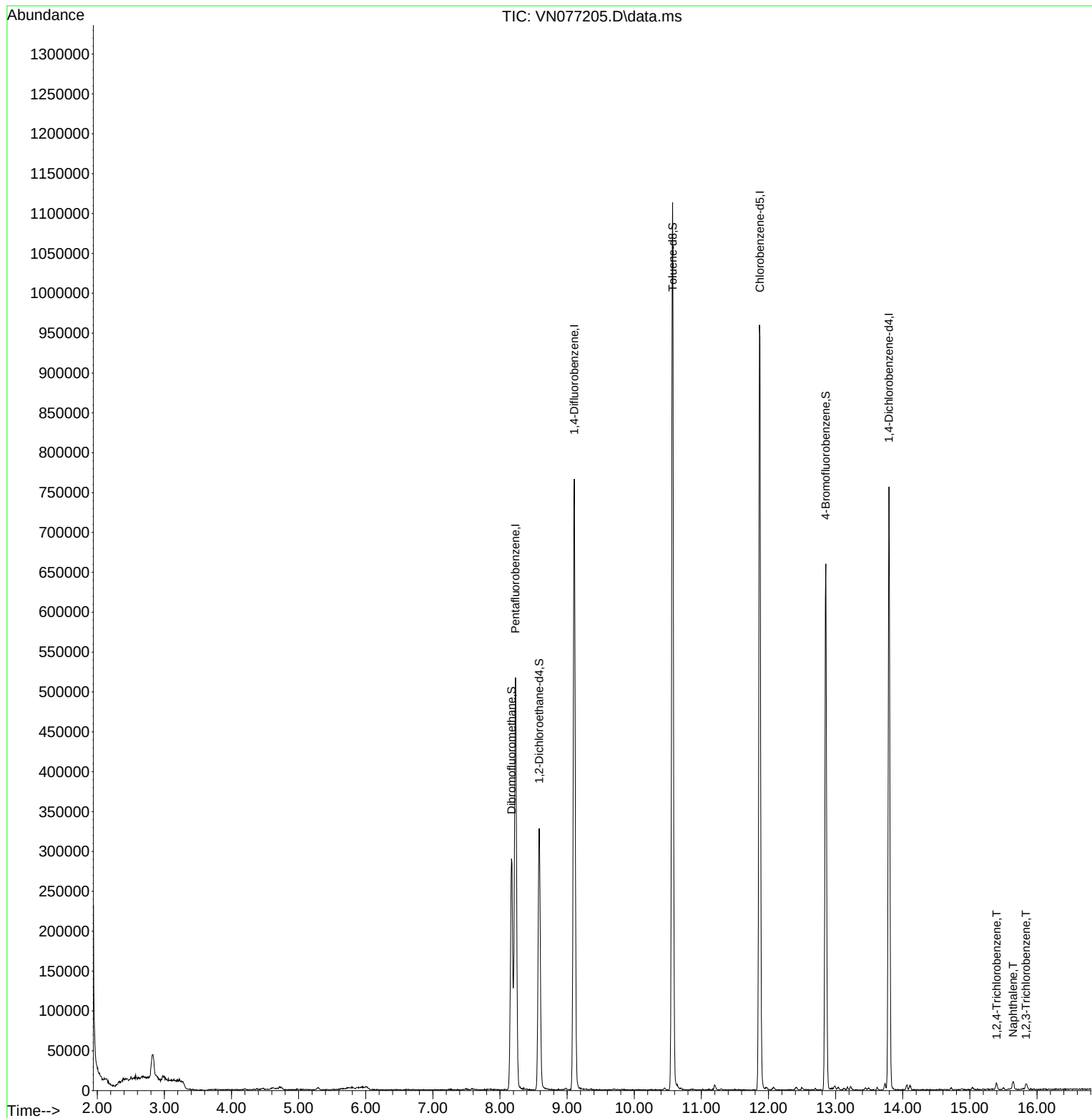
Internal Standards						
1) Pentafluorobenzene	8.231	168	359341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	632952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	537062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	185899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	265337	47.226	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.460%		
35) Dibromofluoromethane	8.172	113	206701	48.127	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.260%		
50) Toluene-d8	10.572	98	755331	46.935	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.880%		
62) 4-Bromofluorobenzene	12.854	95	212179	40.173	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	80.340%#		
Target Compounds						
93) 1,2,4-Trichlorobenzene	15.401	180	3230	5.374	ug/l	85
95) Naphthalene	15.642	128	9919	6.793	ug/l	99
96) 1,2,3-Trichlorobenzene	15.836	180	3544	5.754	ug/l	81

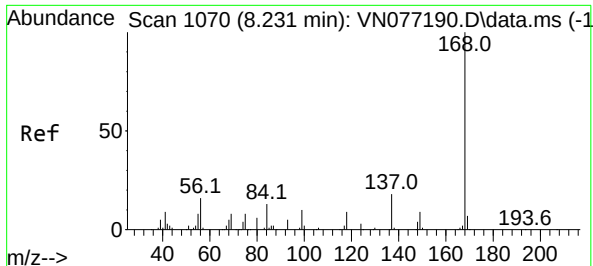
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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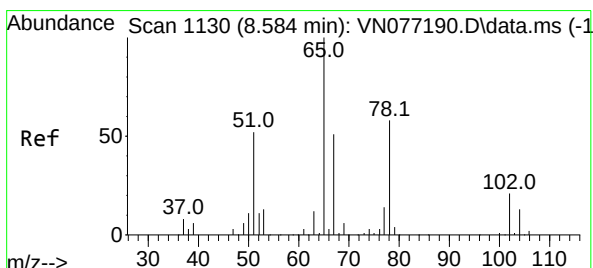
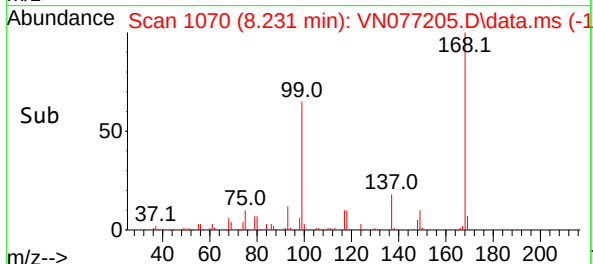
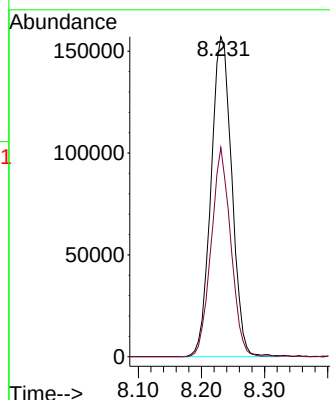
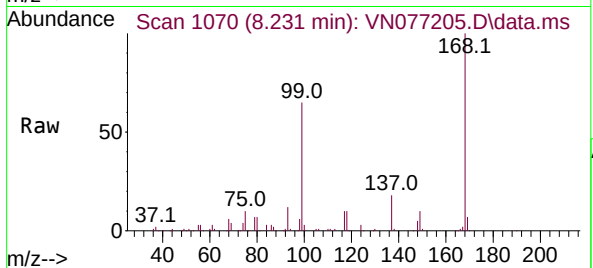




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077205.D
Acq: 27 Mar 2023 16:43

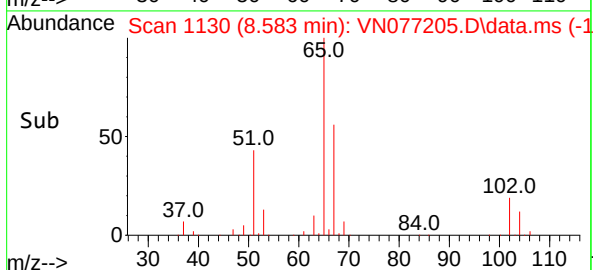
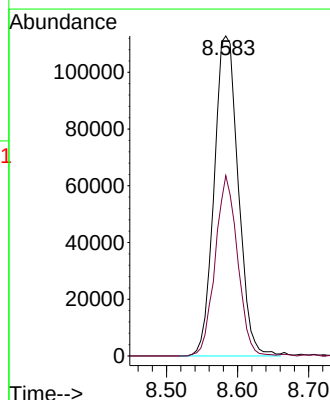
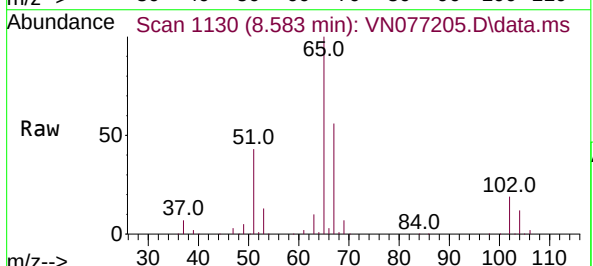
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBL01

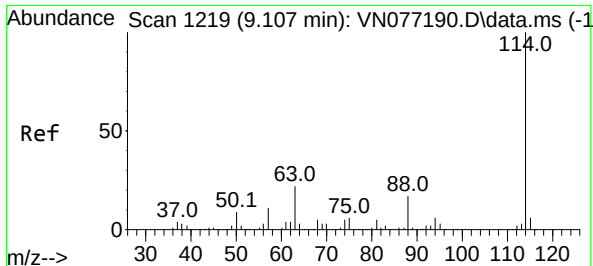
Tgt Ion:168 Resp: 359341
Ion Ratio Lower Upper
168 100
99 65.4 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 47.226 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN077205.D
Acq: 27 Mar 2023 16:43

Tgt Ion: 65 Resp: 265337
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.2

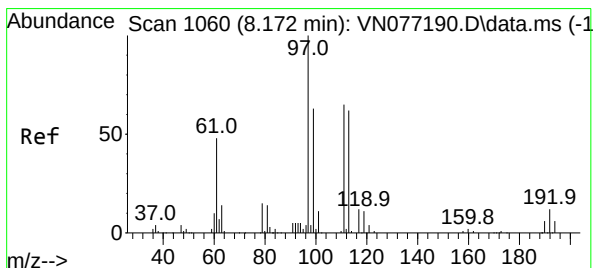
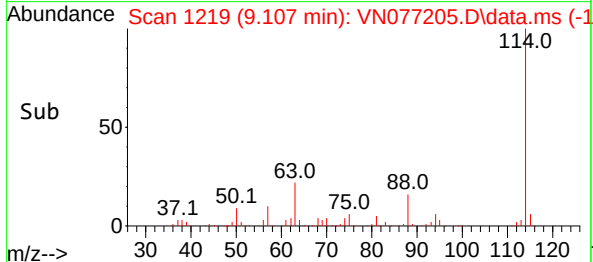
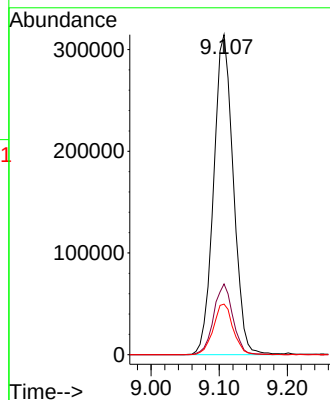
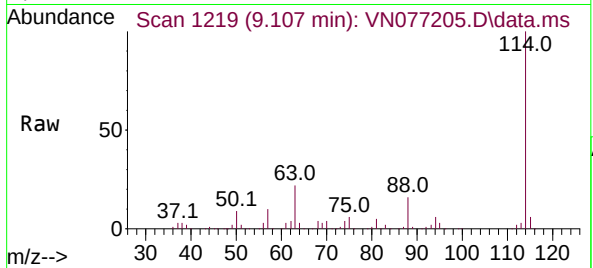




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077205.D
Acq: 27 Mar 2023 16:43

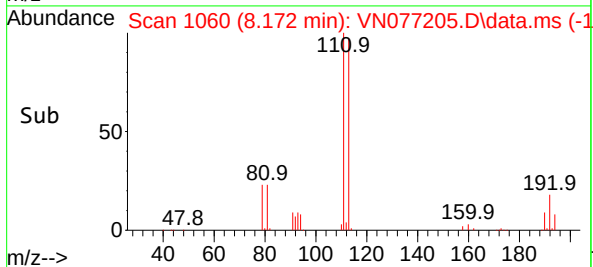
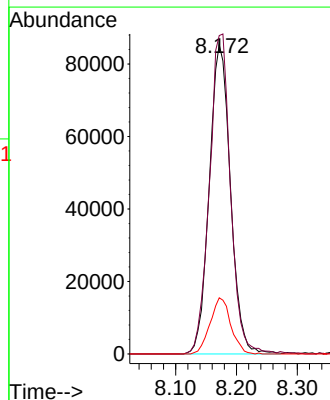
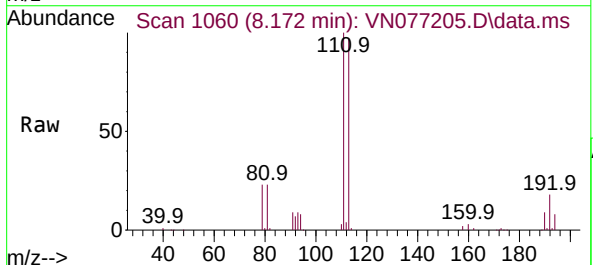
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBL01

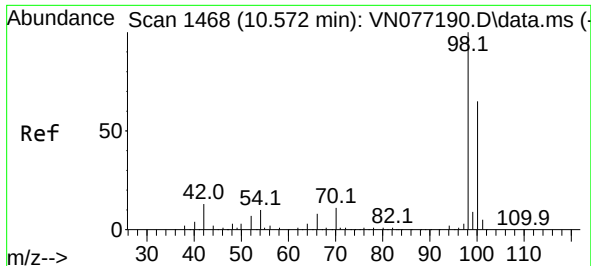
Tgt Ion:114 Resp: 632952
Ion Ratio Lower Upper
114 100
63 22.1 0.0 36.6
88 15.8 0.0 28.6



#35
Dibromofluoromethane
Concen: 48.127 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077205.D
Acq: 27 Mar 2023 16:43

Tgt Ion:113 Resp: 206701
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.8
192 17.7 13.9 20.9

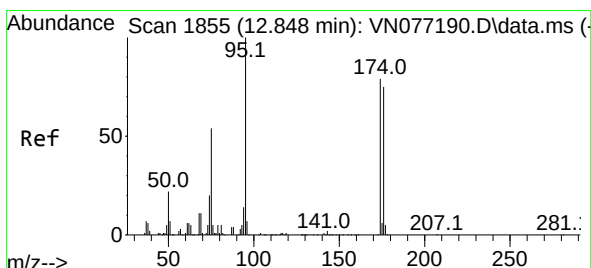
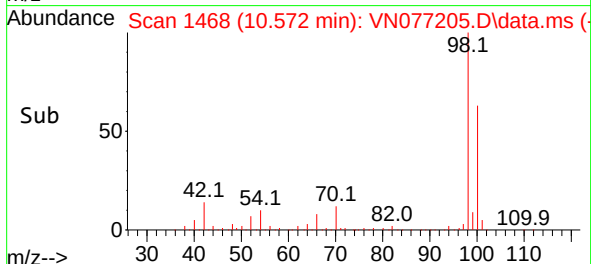
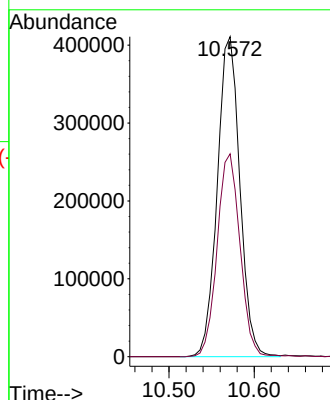
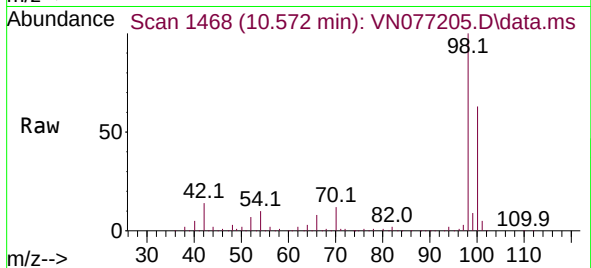




#50
Toluene-d8
Concen: 46.935 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077205.D
Acq: 27 Mar 2023 16:43

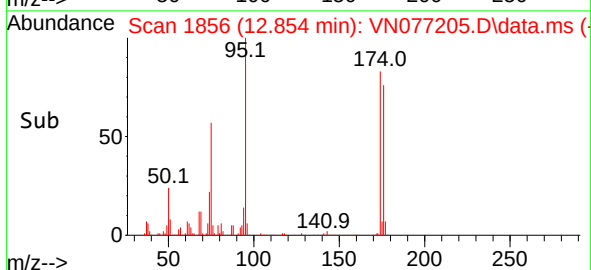
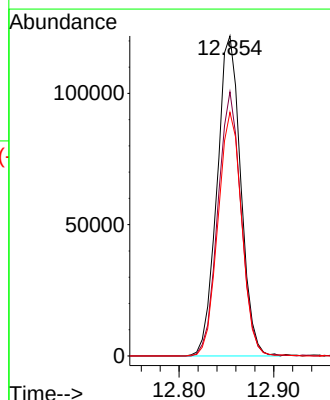
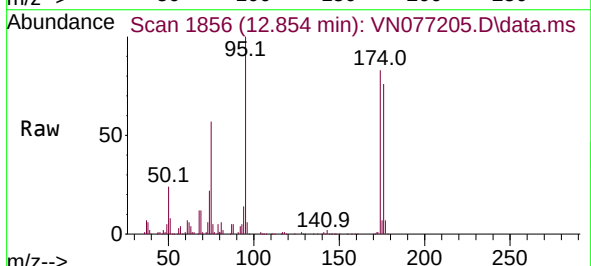
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBL01

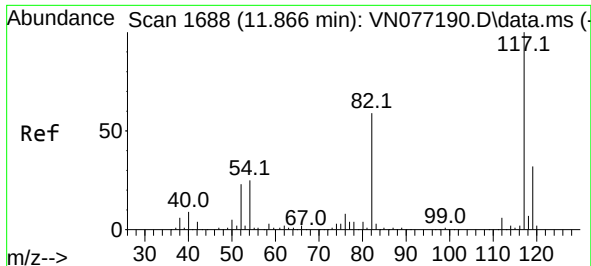
Tgt Ion: 98 Resp: 755331
Ion Ratio Lower Upper
98 100
100 64.3 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 40.173 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077205.D
Acq: 27 Mar 2023 16:43

Tgt Ion: 95 Resp: 212179
Ion Ratio Lower Upper
95 100
174 80.7 0.0 162.4
176 76.1 0.0 157.4

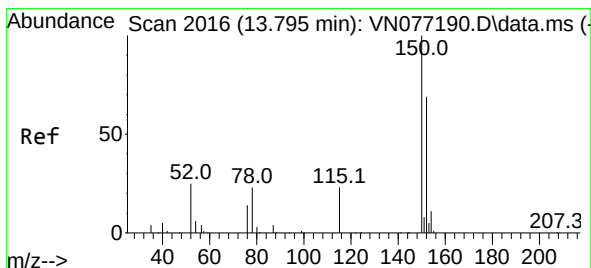
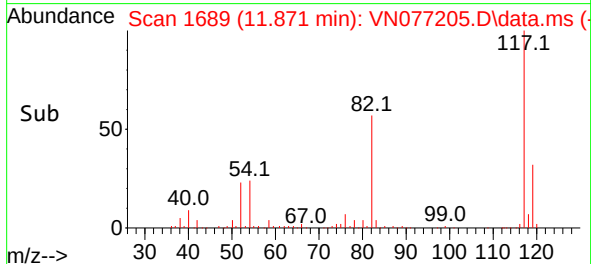
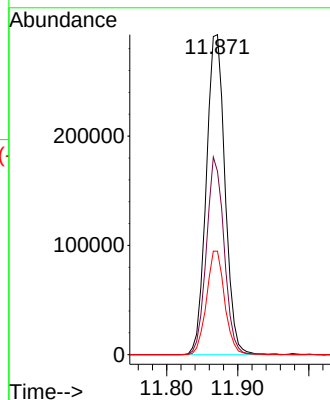
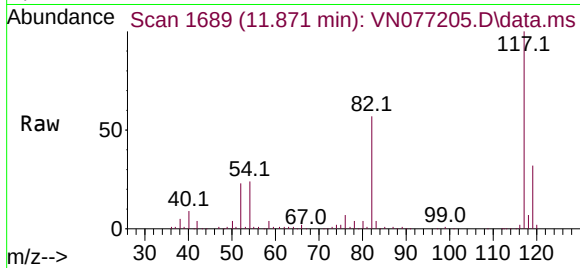




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN077205.D
Acq: 27 Mar 2023 16:43

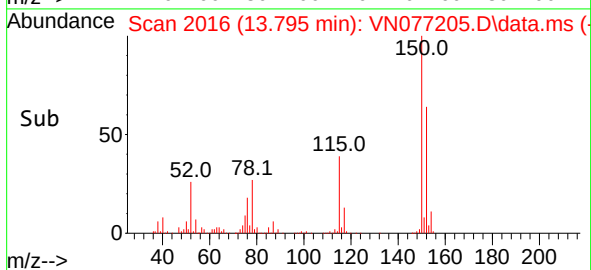
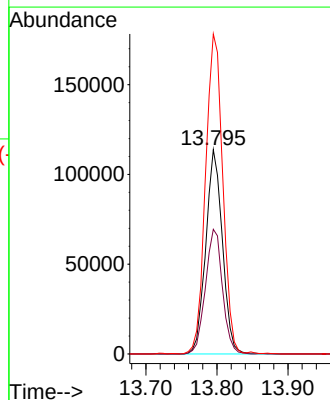
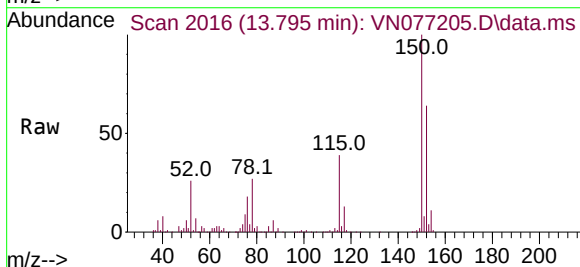
Instrument :
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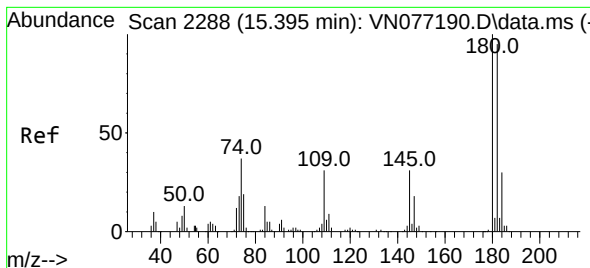
Tgt Ion:117 Resp: 537062
Ion Ratio Lower Upper
117 100
82 57.3 43.5 65.3
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077205.D
Acq: 27 Mar 2023 16:43

Tgt Ion:152 Resp: 185899
Ion Ratio Lower Upper
152 100
115 62.3 30.3 90.9
150 161.0 0.0 353.6





#93

1,2,4-Trichlorobenzene

Concen: 5.374 ug/l

RT: 15.401 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077205.D

Acq: 27 Mar 2023 16:43

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBL01

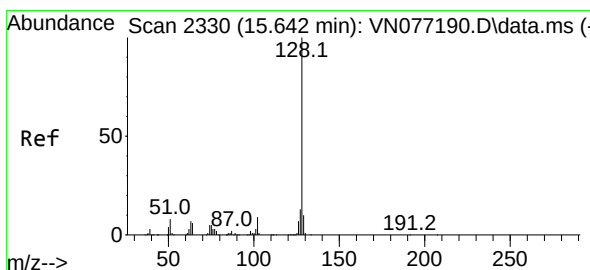
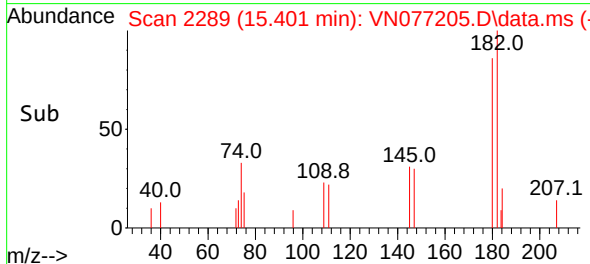
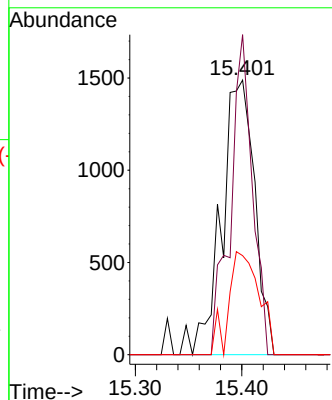
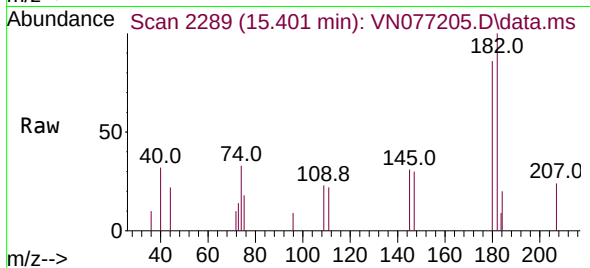
Tgt Ion:180 Resp: 3230

Ion Ratio Lower Upper

180 100

182 77.2 47.4 142.2

145 34.3 15.8 47.3



#95

Naphthalene

Concen: 6.793 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN077205.D

Acq: 27 Mar 2023 16:43

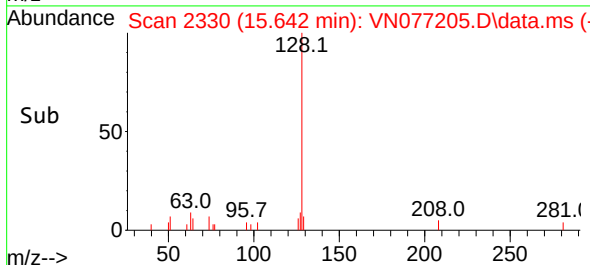
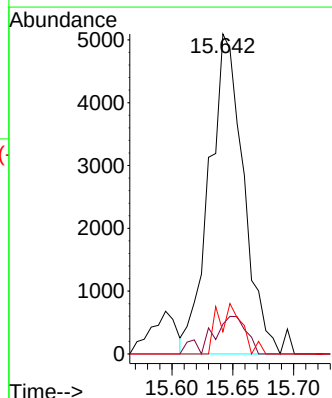
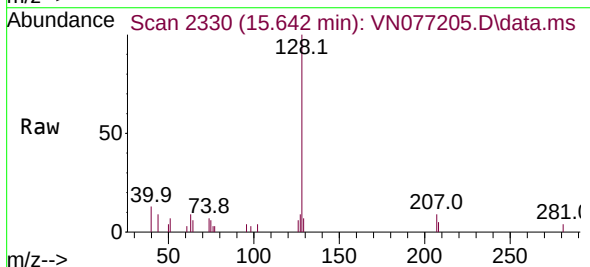
Tgt Ion:128 Resp: 9919

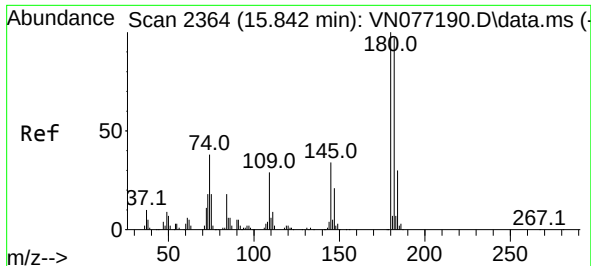
Ion Ratio Lower Upper

128 100

127 12.0 10.2 15.4

129 11.2 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 5.754 ug/l
 RT: 15.836 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN077205.D
 Acq: 27 Mar 2023 16:43

Instrument :
 MSVOA_N
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Tgt Ion:180 Resp: 3544
 Ion Ratio Lower Upper
 180 100
 182 72.3 47.7 143.1
 145 29.9 17.0 51.0

