

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082323\
 Data File : VY015303.D
 Acq On : 24 Aug 2023 00:01
 Operator : SY/MD
 Sample : 04110-24
 Misc : 4.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-20(2-3)

Quant Time: Aug 24 02:40:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

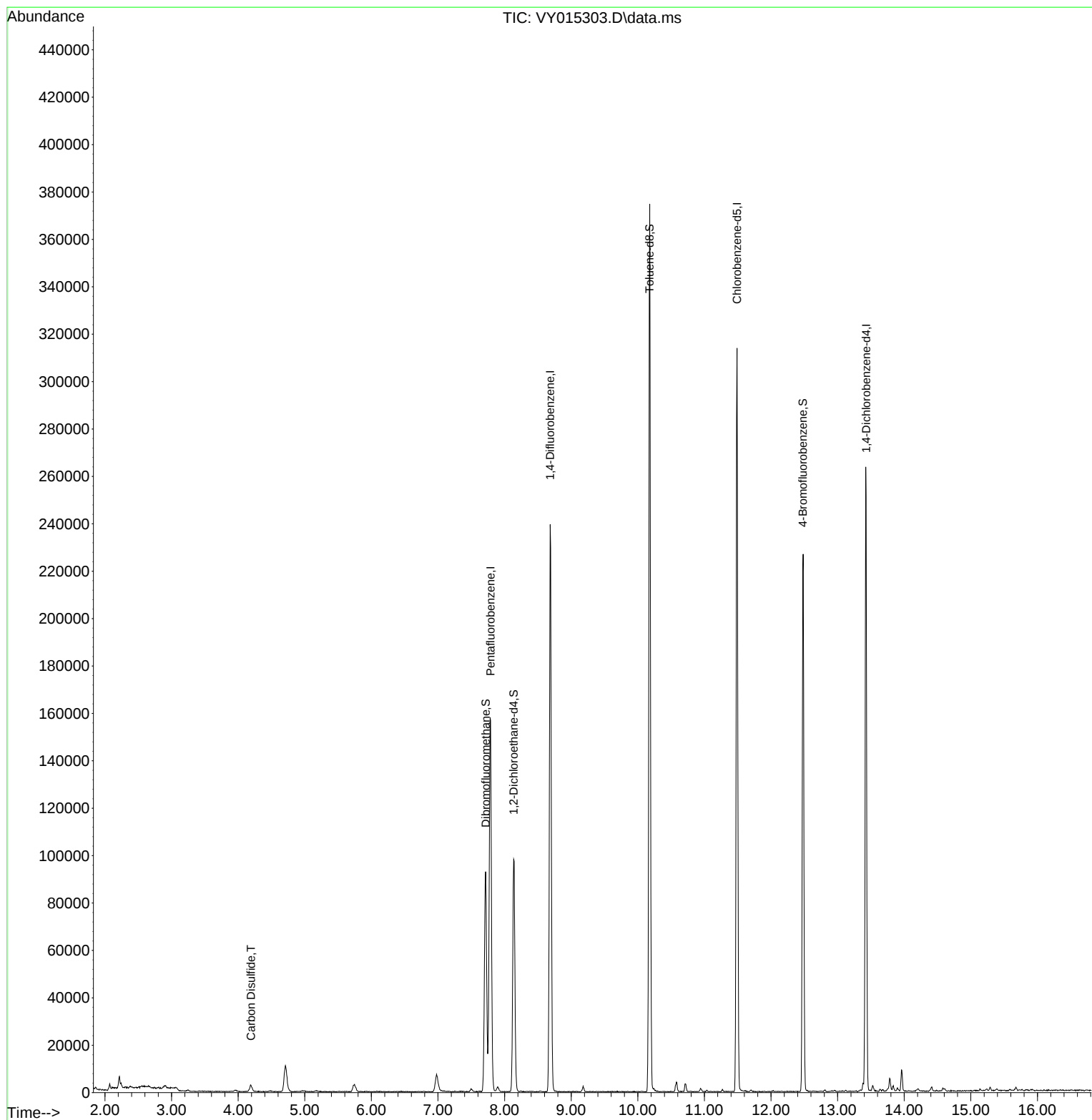
Internal Standards						
1) Pentafluorobenzene	7.789	168	122822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	201467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	170874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78150	53.006	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.020%	
35) Dibromofluoromethane	7.716	113	65038	50.180	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.360%	
50) Toluene-d8	10.179	98	236574	49.032	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.060%	
62) 4-Bromofluorobenzene	12.477	95	66703	37.851	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 75.700%	
Target Compounds						
17) Carbon Disulfide	4.192	76	5565	3.700	ug/l	Qvalue # 92

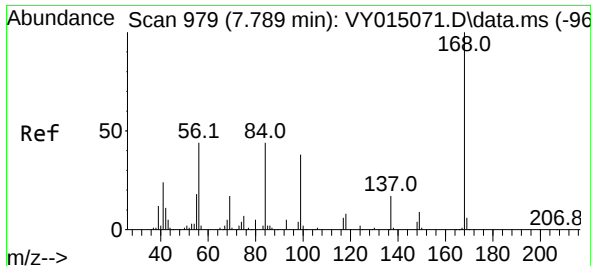
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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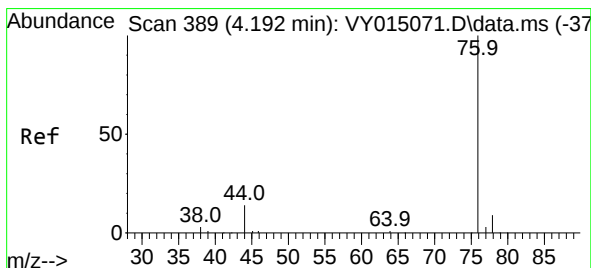
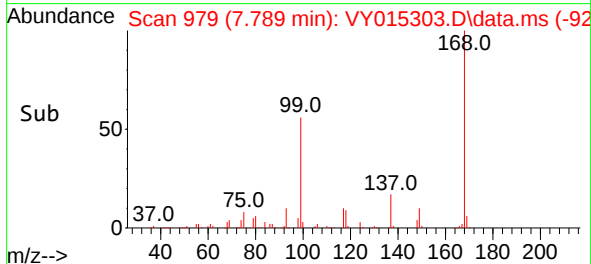
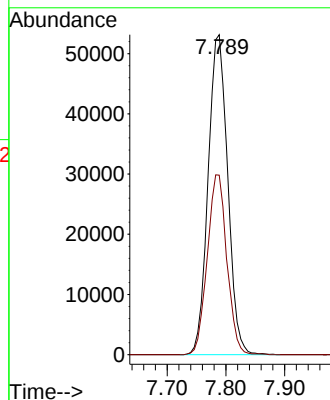
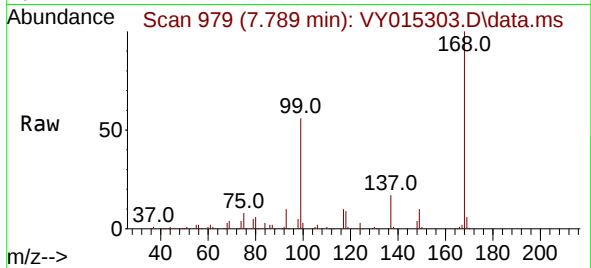




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015303.D
Acq: 24 Aug 2023 00:01

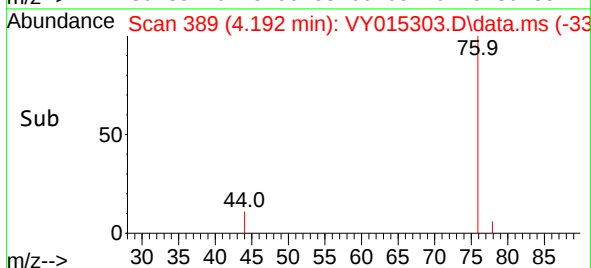
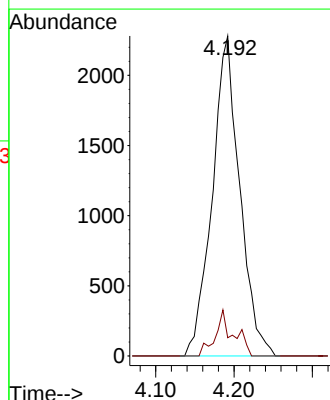
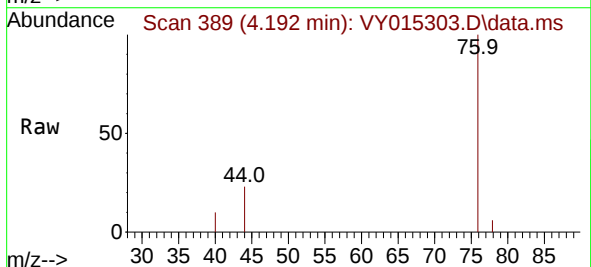
Instrument :
MSVOA_Y
ClientSampleId :
TP-20(2-3)

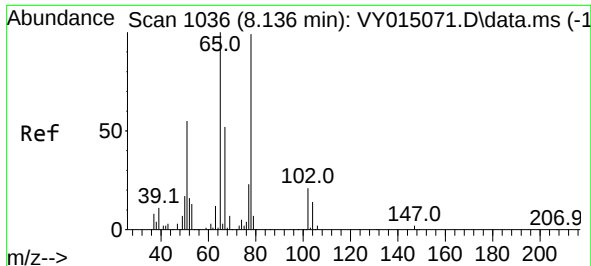
Tgt Ion:168 Resp: 122822
Ion Ratio Lower Upper
168 100
99 56.1 43.4 65.0



#17
Carbon Disulfide
Concen: 3.700 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015303.D
Acq: 24 Aug 2023 00:01

Tgt Ion: 76 Resp: 5565
Ion Ratio Lower Upper
76 100
78 5.7 7.0 10.4#





#33

1,2-Dichloroethane-d4

Concen: 53.006 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY015303.D

Acq: 24 Aug 2023 00:01

Instrument :

MSVOA_Y

ClientSampleId :

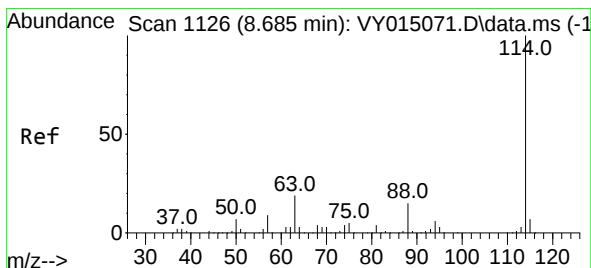
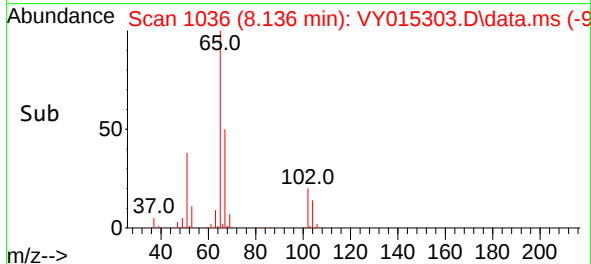
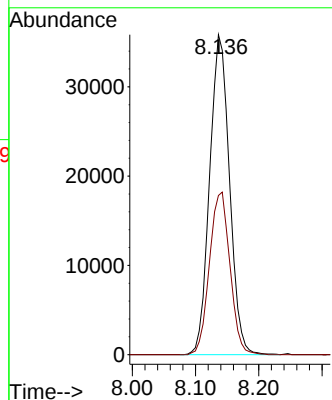
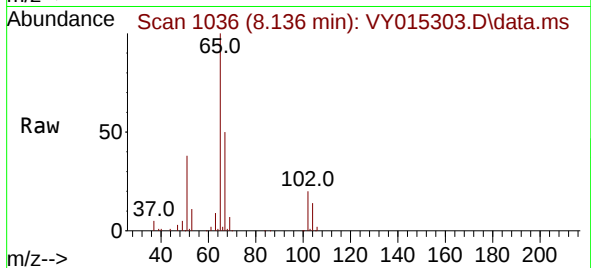
TP-20(2-3)

Tgt Ion: 65 Resp: 78150

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY015303.D

Acq: 24 Aug 2023 00:01

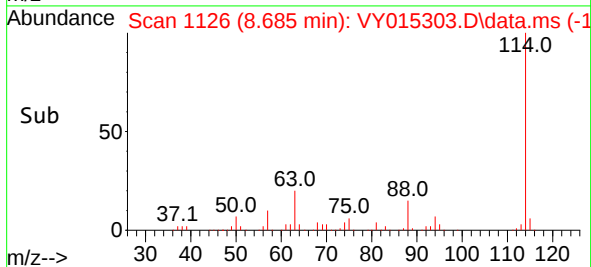
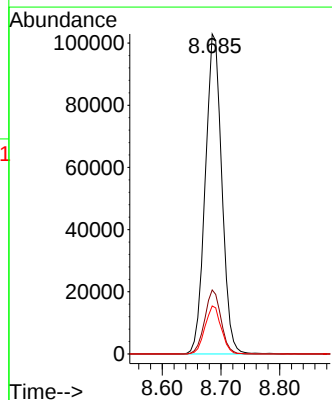
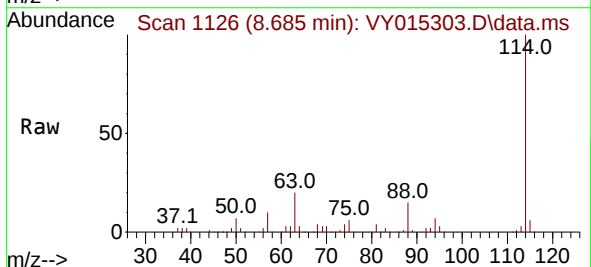
Tgt Ion: 114 Resp: 201467

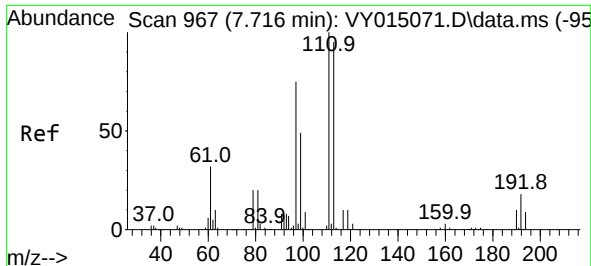
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 15.0 0.0 30.6

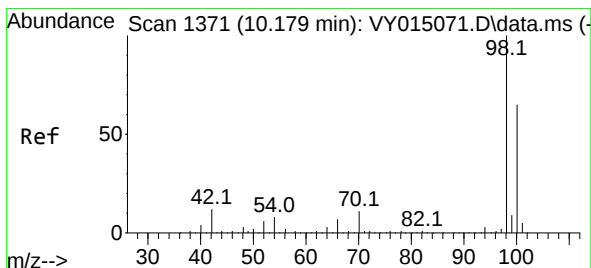
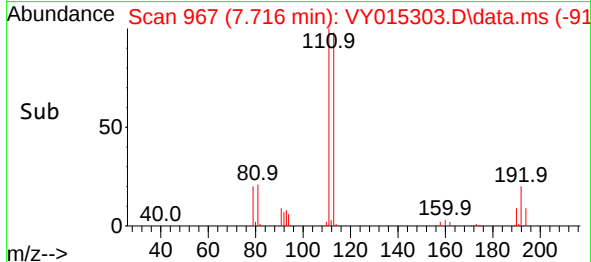
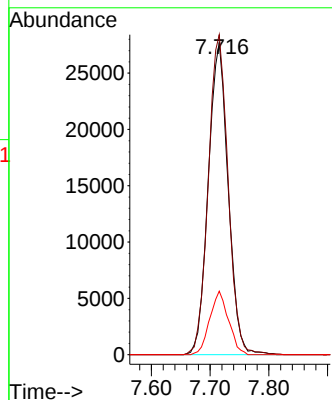
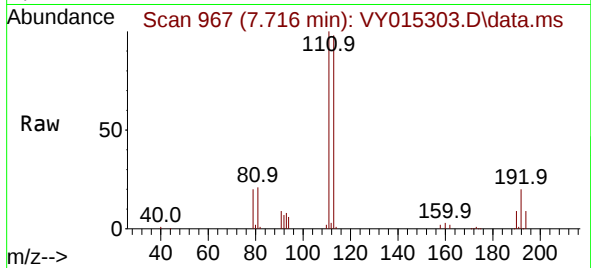




#35
Dibromofluoromethane
Concen: 50.180 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY015303.D
Acq: 24 Aug 2023 00:01

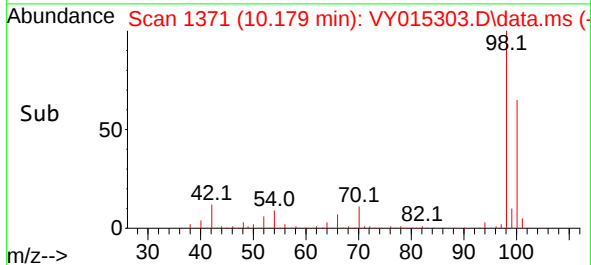
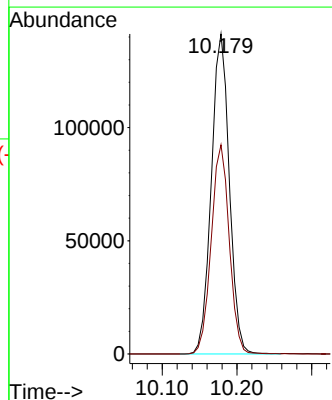
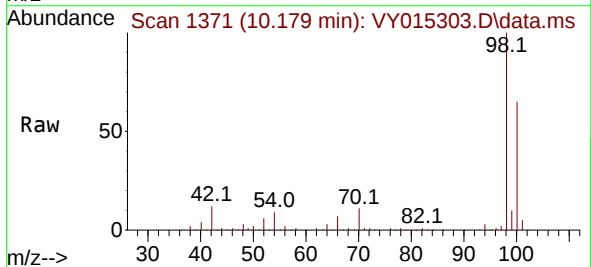
Instrument :
MSVOA_Y
ClientSampleId :
TP-20(2-3)

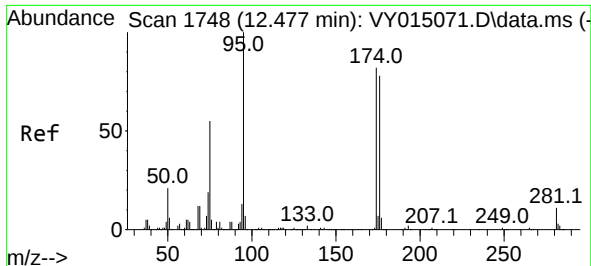
Tgt Ion:113 Resp: 65038
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 49.032 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015303.D
Acq: 24 Aug 2023 00:01

Tgt Ion: 98 Resp: 236574
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

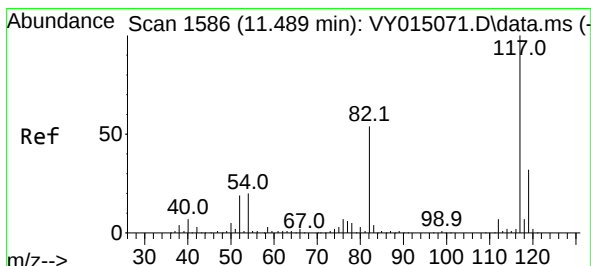
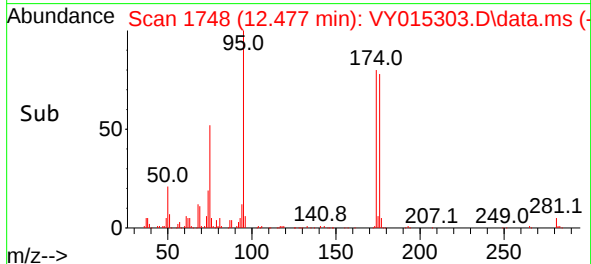
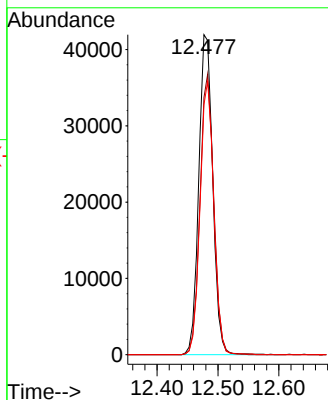
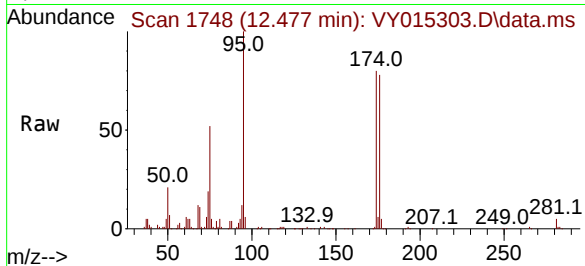




#62
4-Bromofluorobenzene
Concen: 37.851 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015303.D
Acq: 24 Aug 2023 00:01

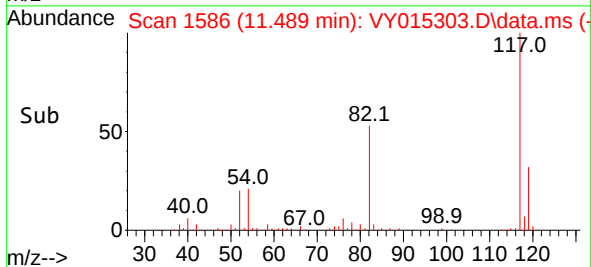
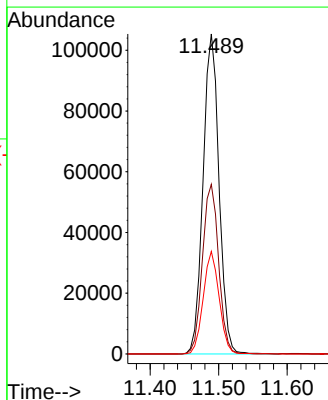
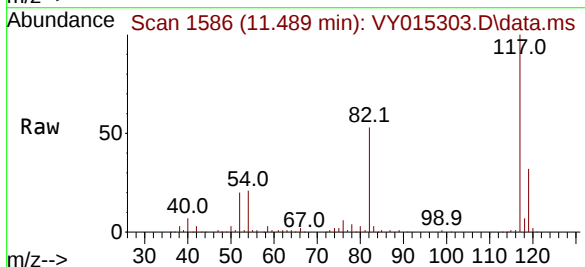
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MSVOA_Y
ClientSampleId :
TP-20(2-3)

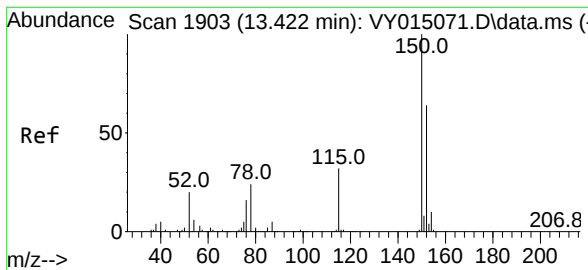
Tgt Ion: 95 Resp: 66703
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.2
176 84.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015303.D
Acq: 24 Aug 2023 00:01

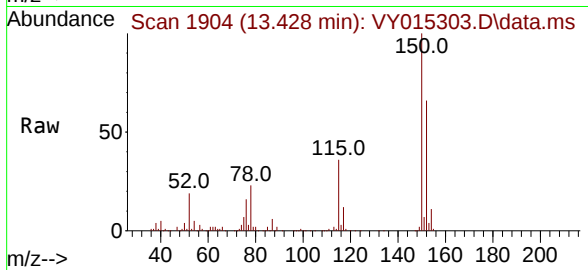
Tgt Ion: 117 Resp: 170874
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 32.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY015303.D
 Acq: 24 Aug 2023 00:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-20(2-3)



Tgt Ion:152 Resp: 66333
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.8 86.5
 150 156.8 0.0 348.8

