

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
 Data File : VY015804.D
 Acq On : 03 Oct 2023 14:33
 Operator : SY/MD
 Sample : 04685-02
 Misc : 5.32g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PP-20230928-B4A-0-2

Quant Time: Oct 04 01:11:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

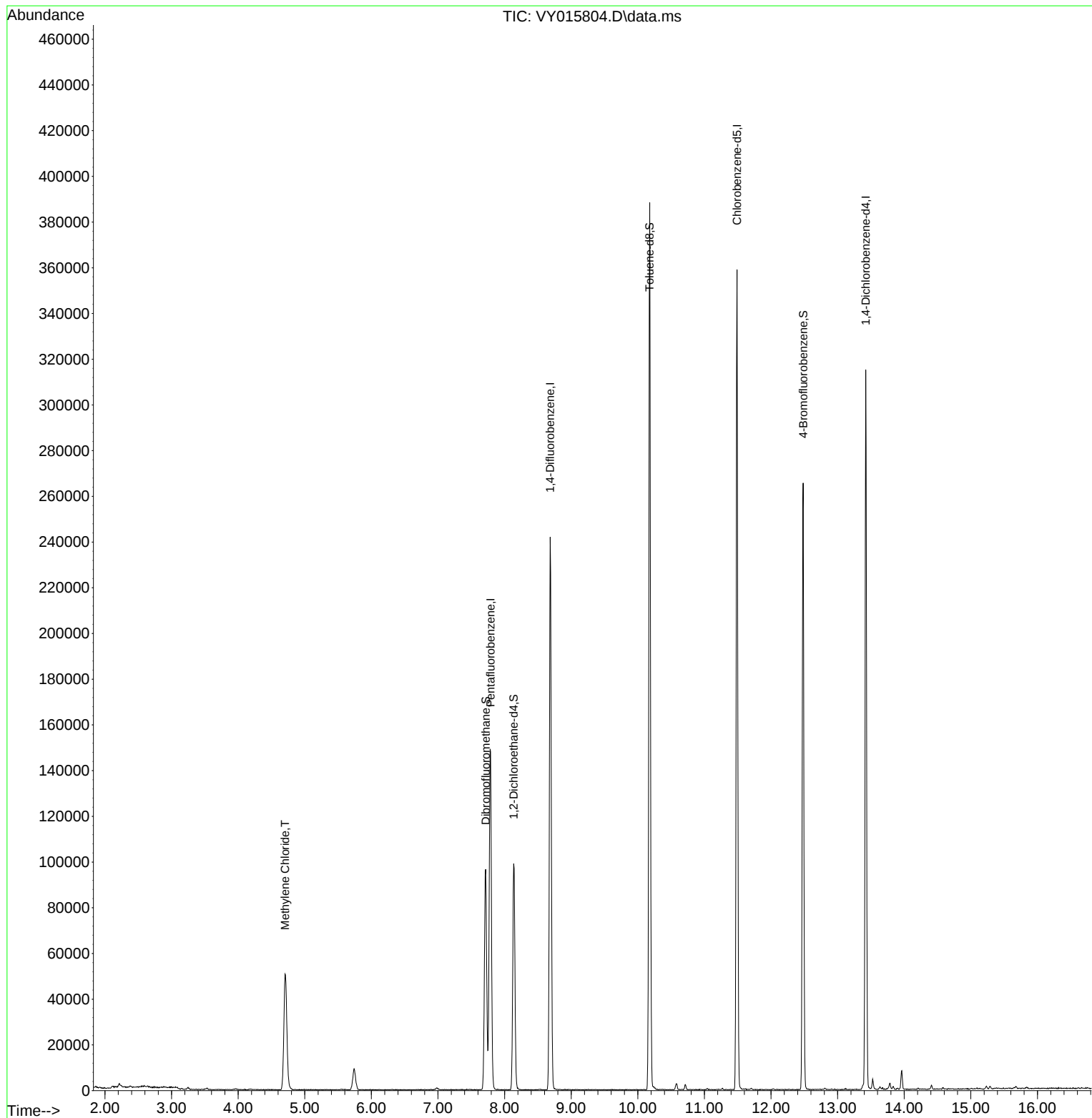
Internal Standards						
1) Pentafluorobenzene	7.789	168	119332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	211046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	192389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	81283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78423	59.729	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.460%			
35) Dibromofluoromethane	7.716	113	69141	54.736	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.480%			
50) Toluene-d8	10.179	98	247539	57.796	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 115.600%			
62) 4-Bromofluorobenzene	12.483	95	80250	47.745	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.500%			
Target Compounds						Qvalue
20) Methylene Chloride	4.704	84	39734	23.230	ug/l	93

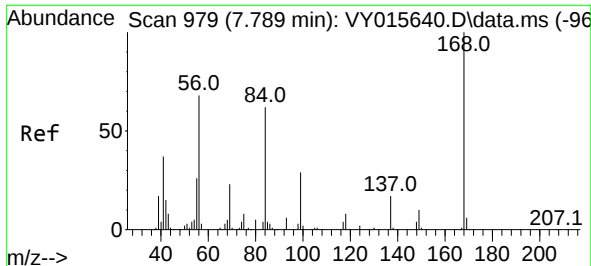
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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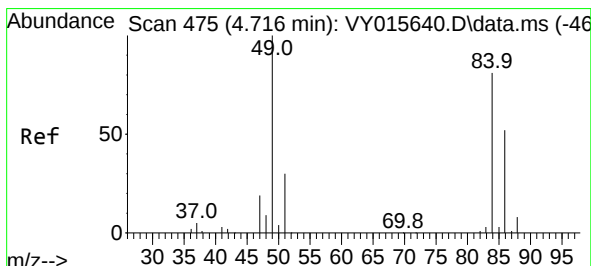
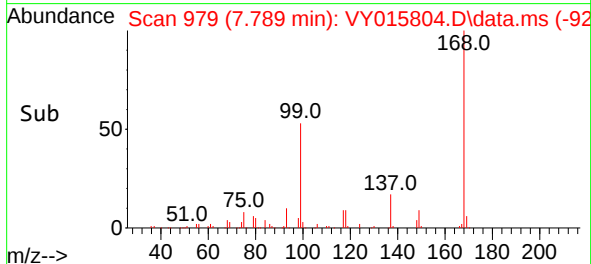
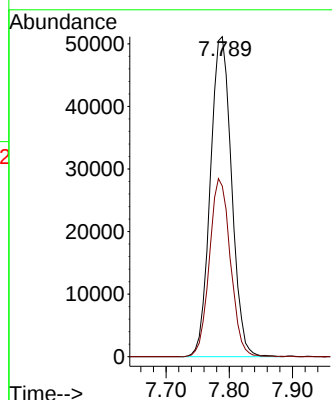
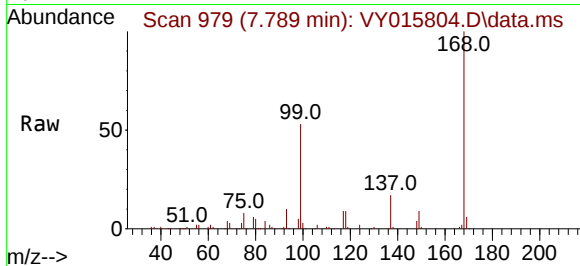




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015804.D
Acq: 03 Oct 2023 14:33

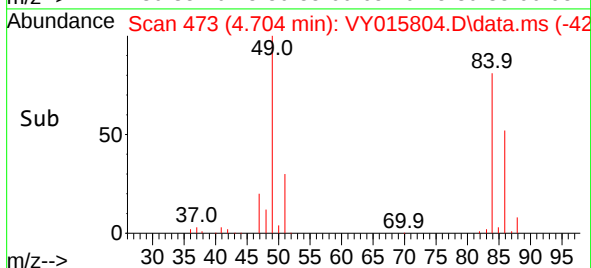
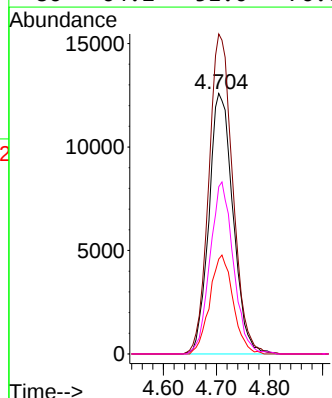
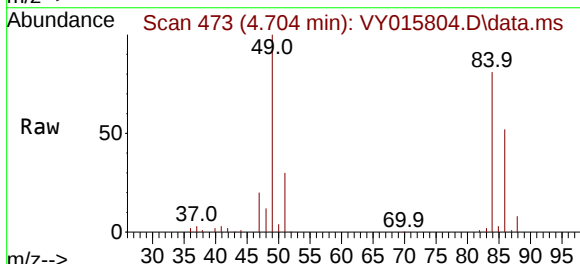
Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B4A-0-2

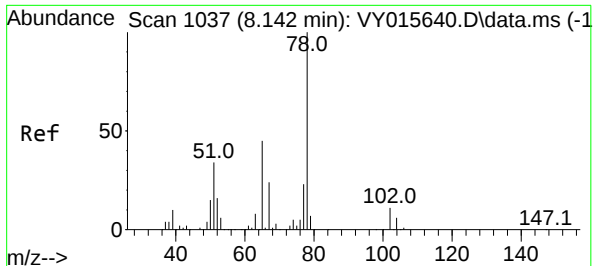
Tgt Ion:168 Resp: 119332
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#20
Methylene Chloride
Concen: 23.230 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY015804.D
Acq: 03 Oct 2023 14:33

Tgt Ion: 84 Resp: 39734
Ion Ratio Lower Upper
84 100
49 122.8 106.9 160.3
51 36.4 33.2 49.8
86 64.2 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 59.729 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY015804.D

Acq: 03 Oct 2023 14:33

Instrument :

MSVOA_Y

ClientSampleId :

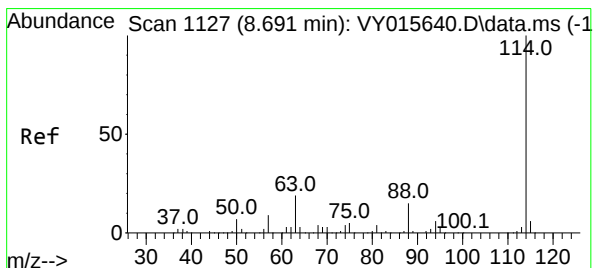
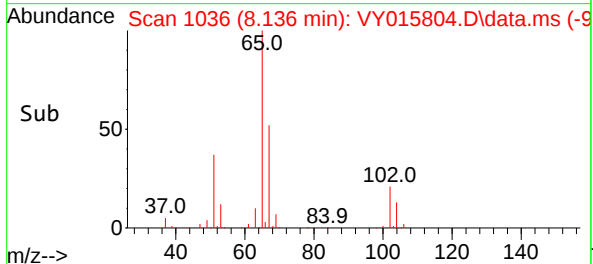
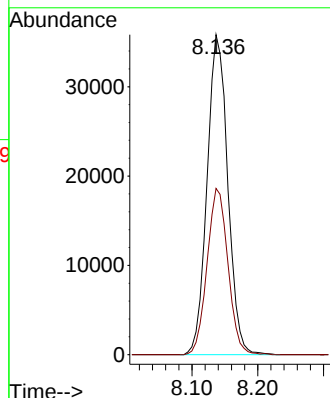
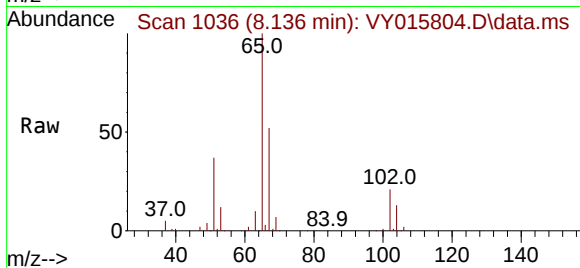
PP-20230928-B4A-0-2

Tgt Ion: 65 Resp: 78423

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: VY015804.D

Acq: 03 Oct 2023 14:33

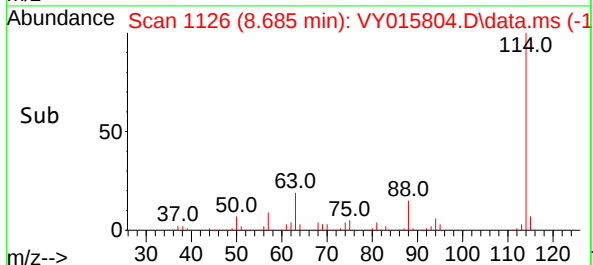
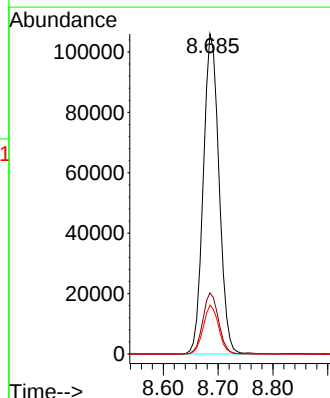
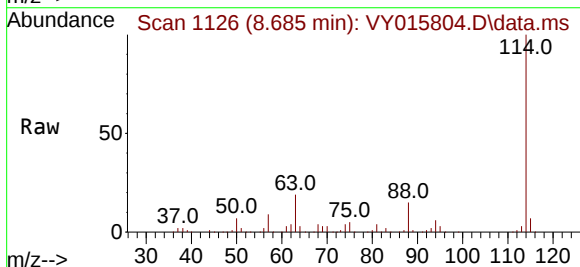
Tgt Ion: 114 Resp: 211046

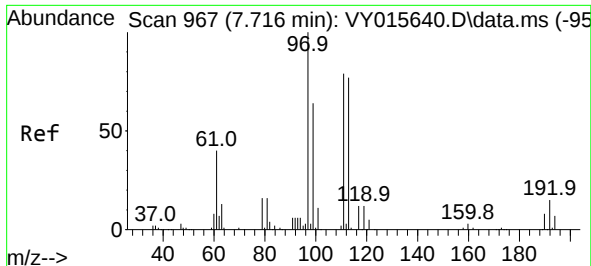
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.2 0.0 30.6

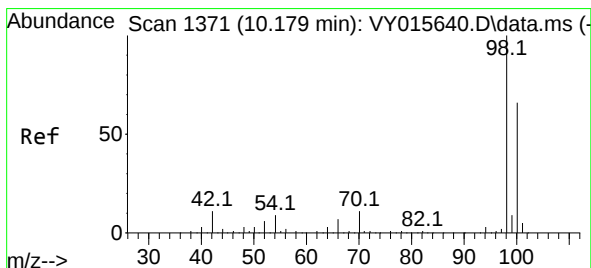
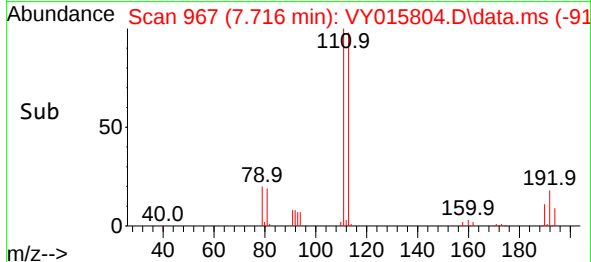
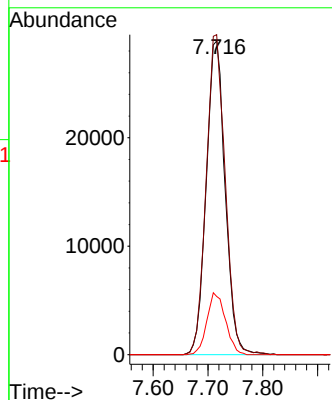
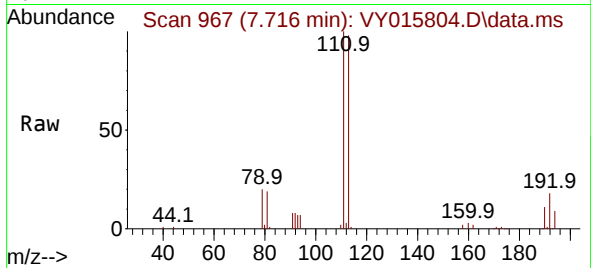




#35
Dibromofluoromethane
Concen: 54.736 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015804.D
Acq: 03 Oct 2023 14:33

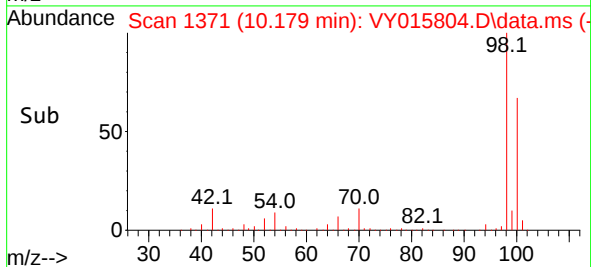
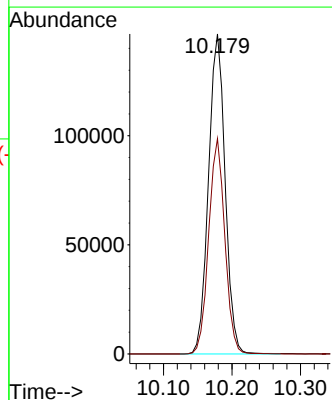
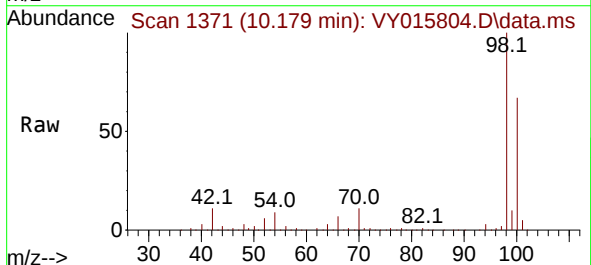
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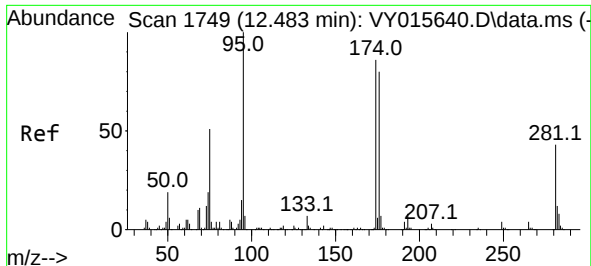
Tgt Ion:113 Resp: 69141
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.4 16.9 25.3



#50
Toluene-d8
Concen: 57.796 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015804.D
Acq: 03 Oct 2023 14:33

Tgt Ion: 98 Resp: 247539
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

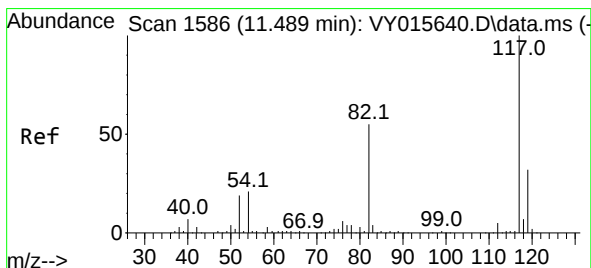
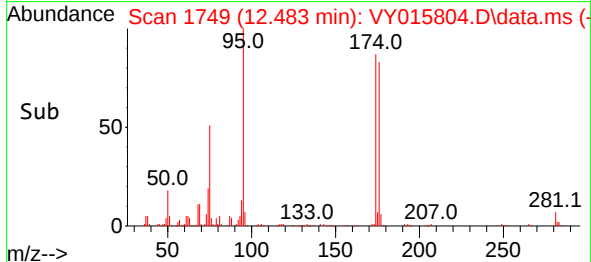
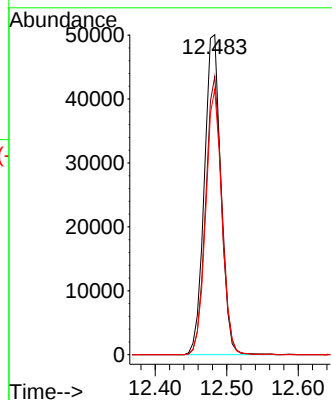
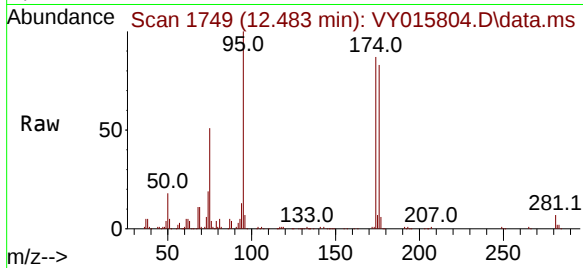




#62
4-Bromofluorobenzene
Concen: 47.745 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015804.D
Acq: 03 Oct 2023 14:33

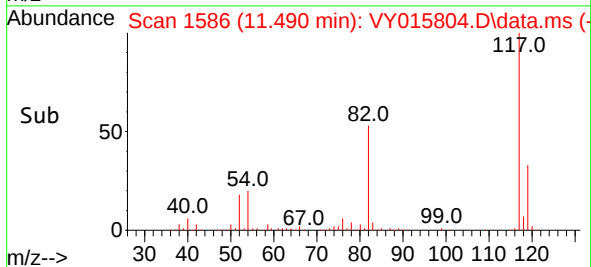
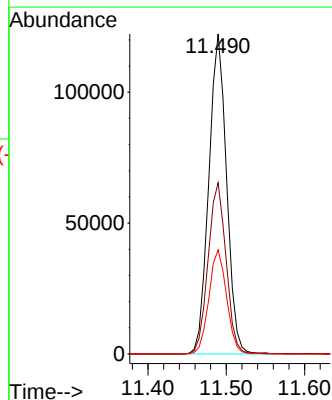
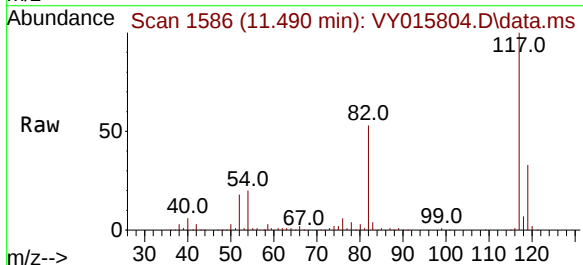
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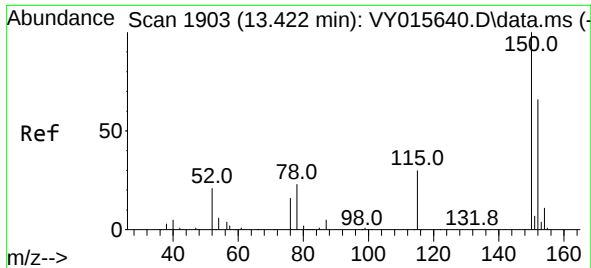
Tgt Ion: 95 Resp: 80250
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 80.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY015804.D
Acq: 03 Oct 2023 14:33

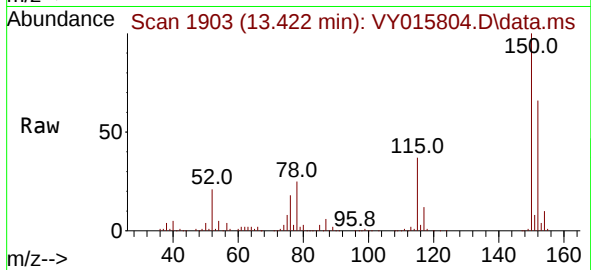
Tgt Ion: 117 Resp: 192389
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 32.5 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015804.D
 Acq: 03 Oct 2023 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 PP-20230928-B4A-0-2



Tgt Ion:152 Resp: 81283
 Ion Ratio Lower Upper
 152 100
 115 56.6 28.8 86.5
 150 153.7 0.0 348.8

