

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040423\
 Data File : VY013195.D
 Acq On : 04 Apr 2023 17:28
 Operator : KP/MD
 Sample : 02166-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-033123

Quant Time: Apr 05 01:20:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

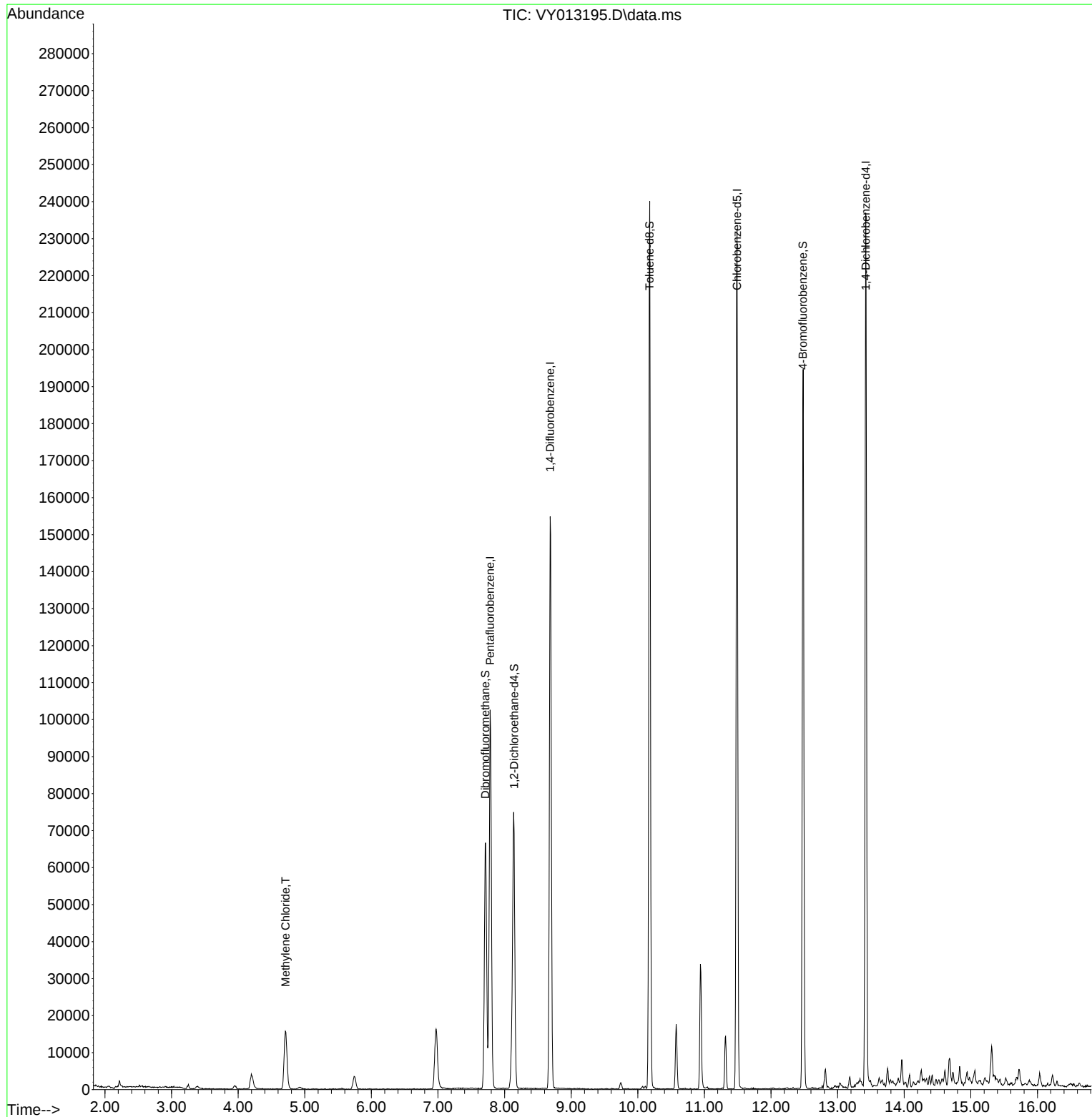
Internal Standards						
1) Pentafluorobenzene	7.783	168	78674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	130717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	128502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	53063	62.760	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.520%			
35) Dibromofluoromethane	7.710	113	46476	54.426	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.860%			
50) Toluene-d8	10.179	98	156032	48.401	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.800%			
62) 4-Bromofluorobenzene	12.477	95	52436	49.971	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.940%			
Target Compounds						
20) Methylene Chloride	4.710	84	12384	9.528	ug/l	91

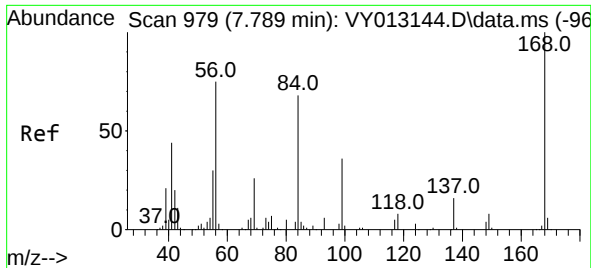
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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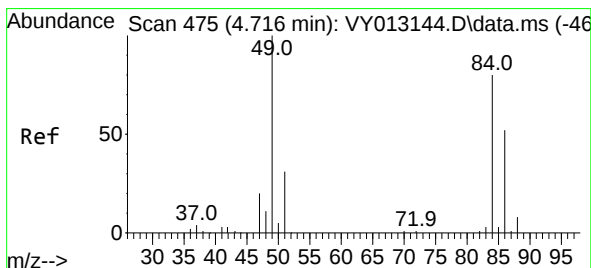
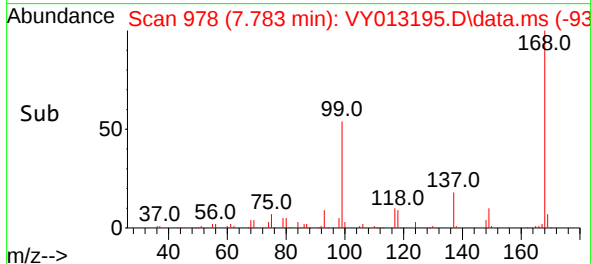
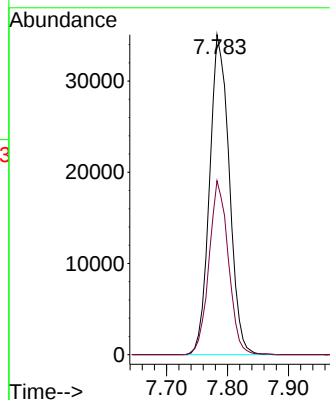
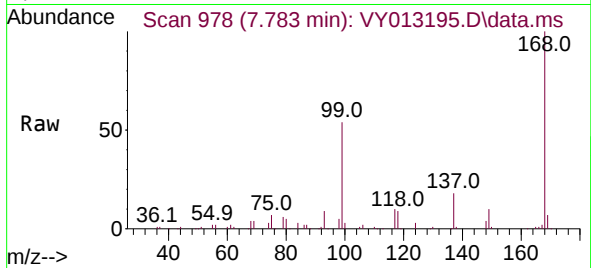




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013195.D
Acq: 04 Apr 2023 17:28

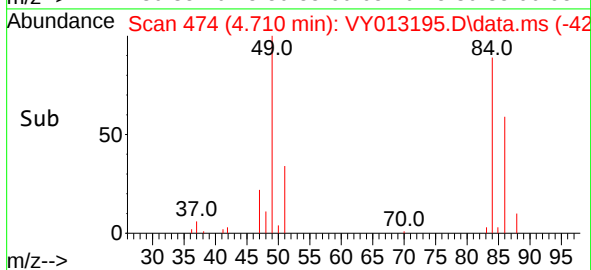
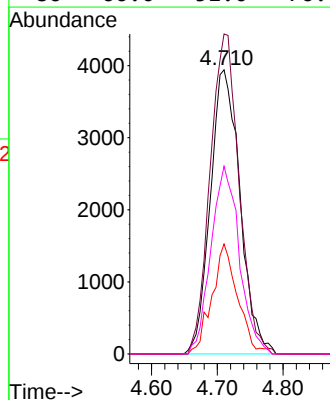
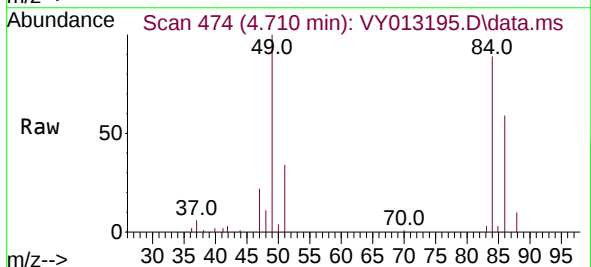
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-033123

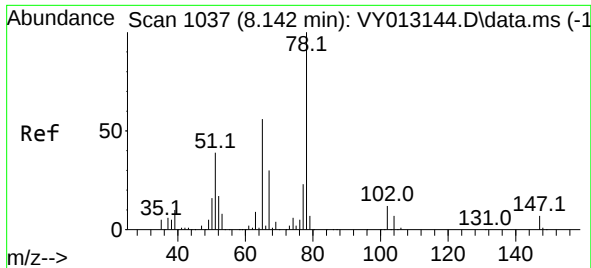
Tgt Ion:168 Resp: 78674
Ion Ratio Lower Upper
168 100
99 54.3 41.7 62.5



#20
Methylene Chloride
Concen: 9.528 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013195.D
Acq: 04 Apr 2023 17:28

Tgt Ion: 84 Resp: 12384
Ion Ratio Lower Upper
84 100
49 112.6 102.6 154.0
51 38.7 31.9 47.9
86 66.0 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 62.760 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY013195.D

Acq: 04 Apr 2023 17:28

Instrument :

MSVOA_Y

ClientSampleId :

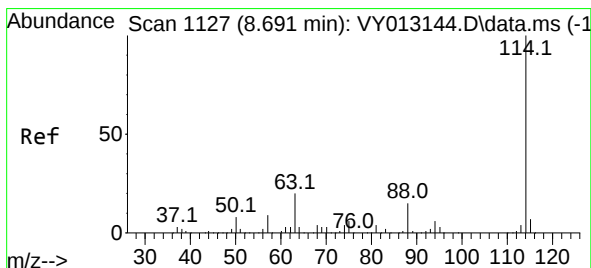
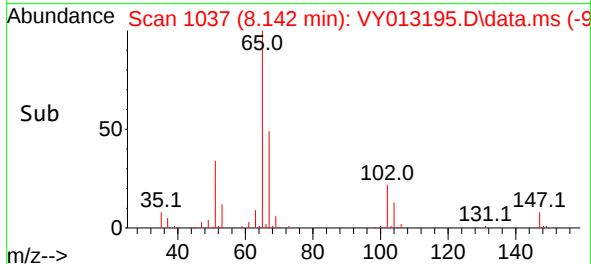
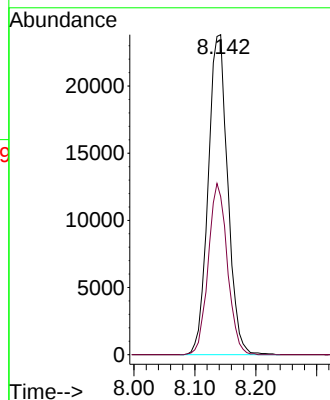
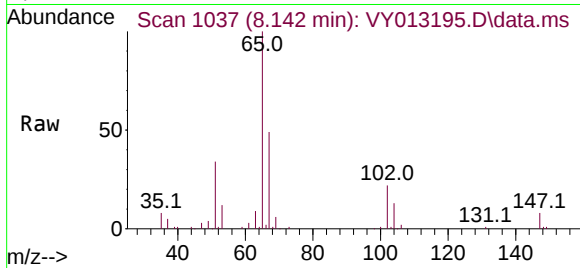
HR-01-033123

Tgt Ion: 65 Resp: 53063

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013195.D

Acq: 04 Apr 2023 17:28

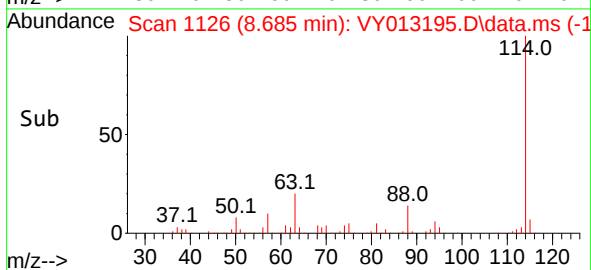
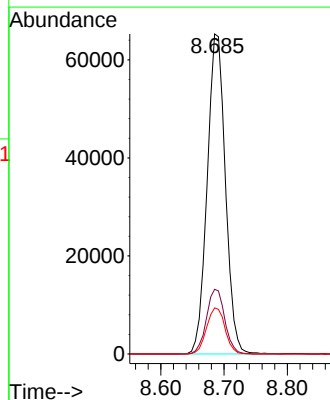
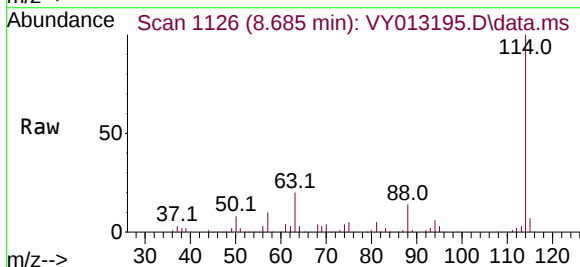
Tgt Ion: 114 Resp: 130717

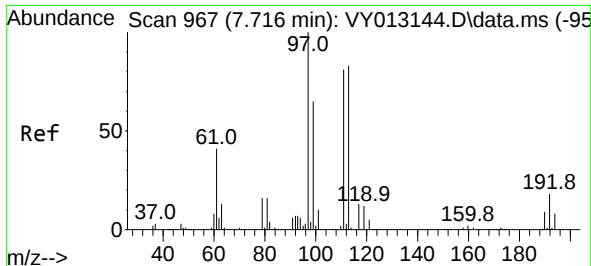
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 14.4 0.0 28.6





#35

Dibromofluoromethane

Concen: 54.426 ug/l

RT: 7.710 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY013195.D

Acq: 04 Apr 2023 17:28

Instrument :

MSVOA_Y

ClientSampleId :

HR-01-033123

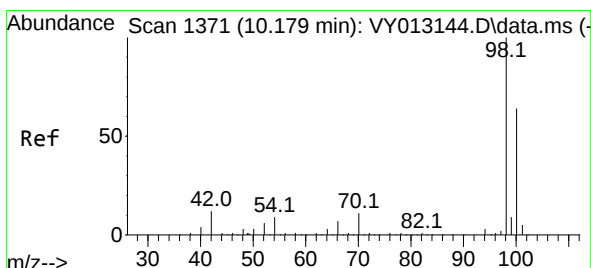
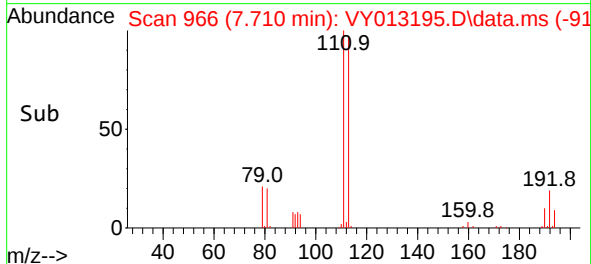
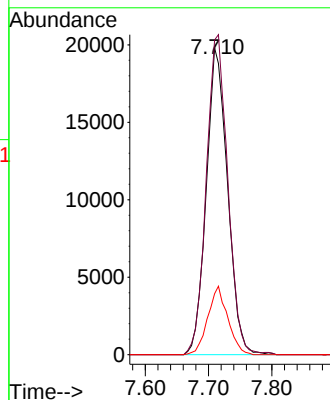
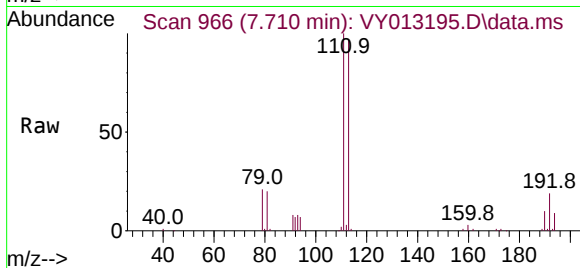
Tgt Ion:113 Resp: 46476

Ion Ratio Lower Upper

113 100

111 105.2 82.2 123.2

192 20.9 16.8 25.2



#50

Toluene-d8

Concen: 48.401 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013195.D

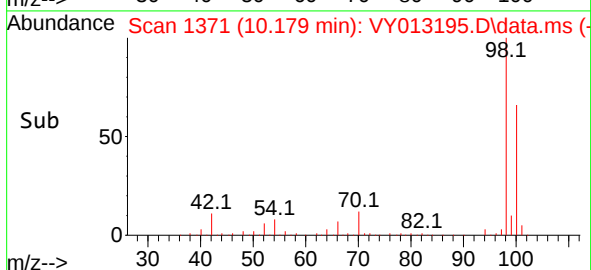
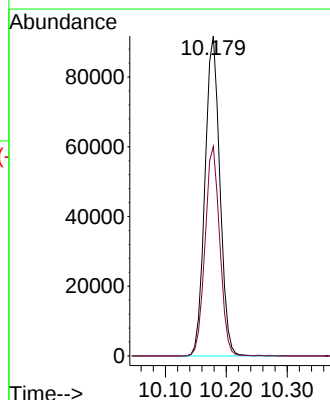
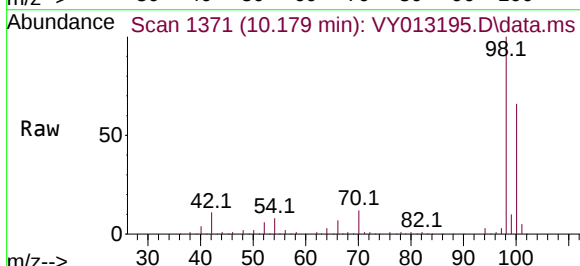
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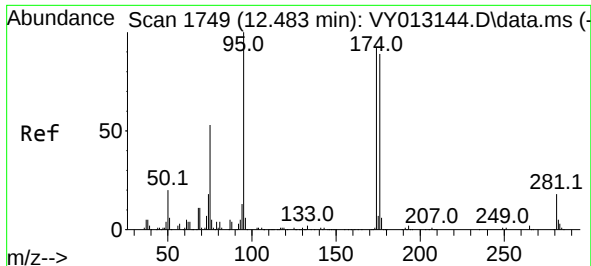
Tgt Ion: 98 Resp: 156032

Ion Ratio Lower Upper

98 100

100 64.6 50.9 76.3

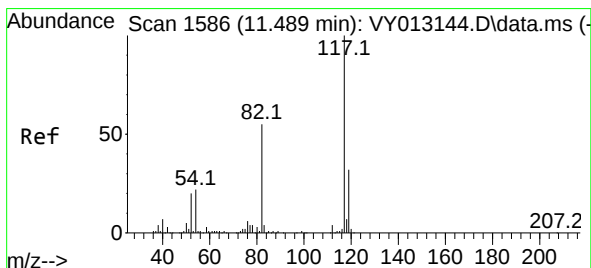
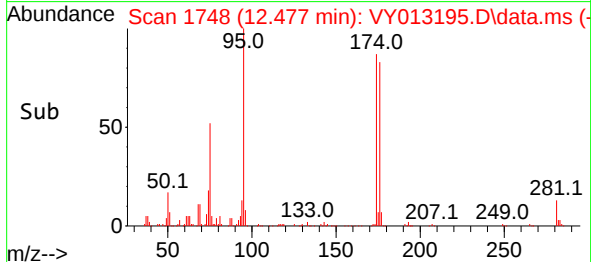
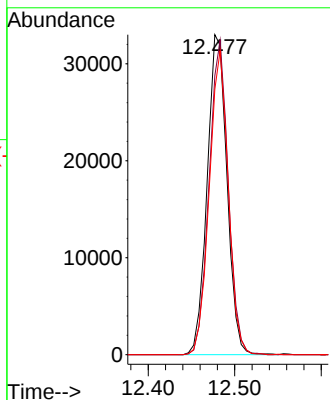
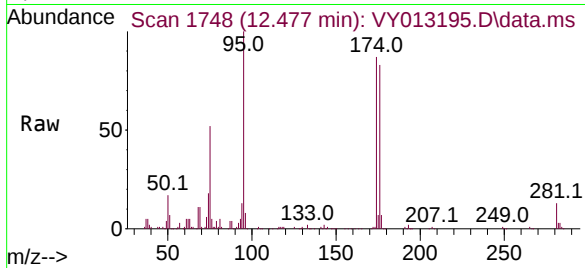




#62
4-Bromofluorobenzene
Concen: 49.971 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013195.D
Acq: 04 Apr 2023 17:28

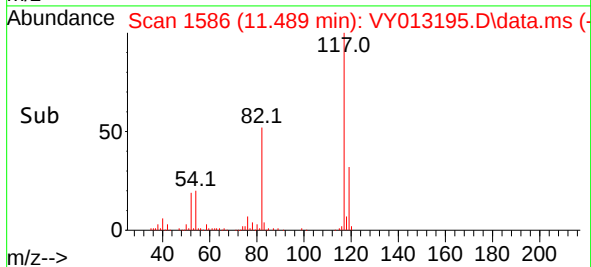
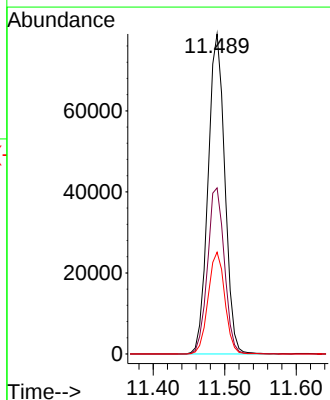
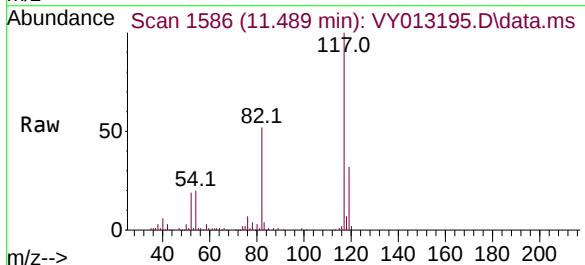
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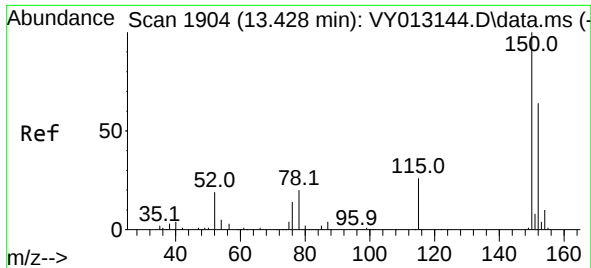
Tgt Ion: 95 Resp: 52436
Ion Ratio Lower Upper
95 100
174 95.2 0.0 176.6
176 91.3 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013195.D
Acq: 04 Apr 2023 17:28

Tgt Ion: 117 Resp: 128502
Ion Ratio Lower Upper
117 100
82 51.9 45.4 68.0
119 31.8 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013195.D

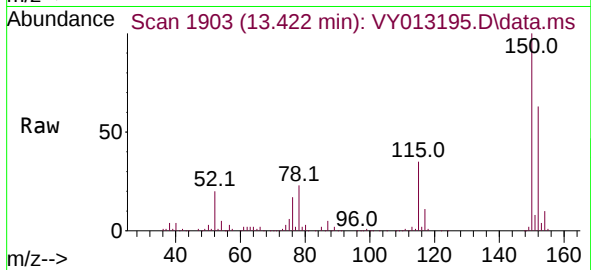
Acq: 04 Apr 2023 17:28

Instrument :

MSVOA_Y

ClientSampleId :

HR-01-033123



Tgt Ion:152 Resp: 62955

Ion Ratio Lower Upper

152 100

115 55.6 27.1 81.3

150 157.5 0.0 347.8

