

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013184.D
 Acq On : 03 Apr 2023 18:29
 Operator : KP/MD
 Sample : 02166-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-033123

Quant Time: Apr 03 23:11:50 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)

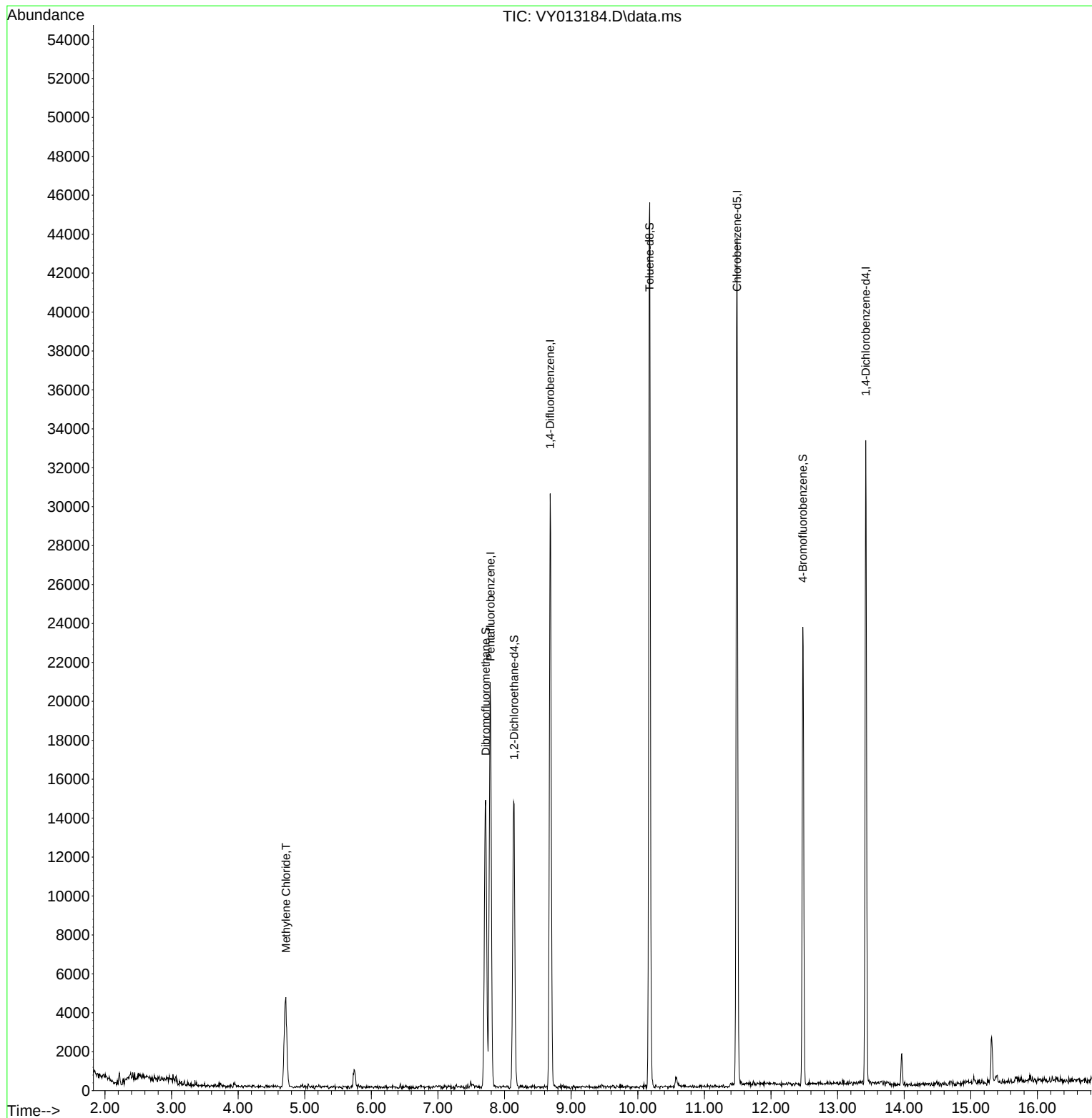
Internal Standards						
1) Pentafluorobenzene	7.789	168	16751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	26655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	23360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	8295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	12327	68.476	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.960%
35) Dibromofluoromethane	7.716	113	10698	61.437	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.880%
50) Toluene-d8	10.179	98	30928	47.049	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.100%
62) 4-Bromofluorobenzene	12.477	95	6811	31.831	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.660%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	3415	14.117	ug/l	85

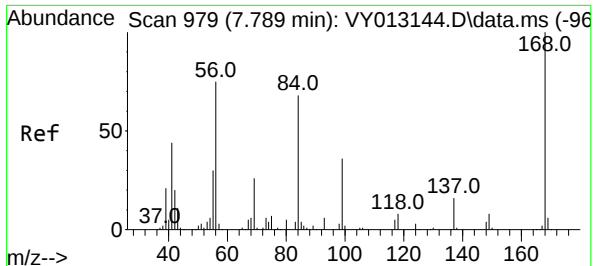
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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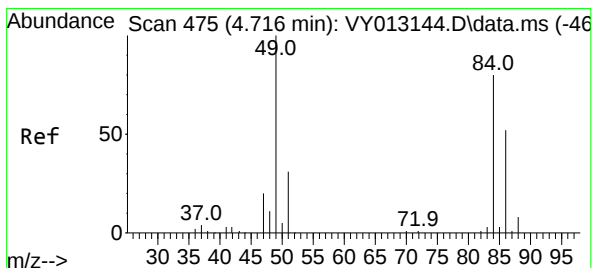
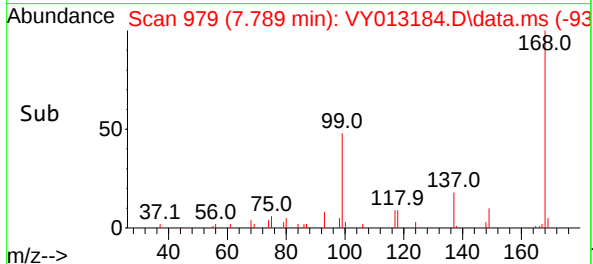
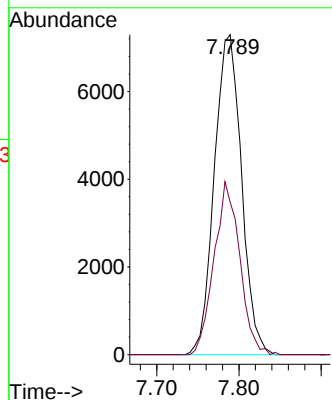
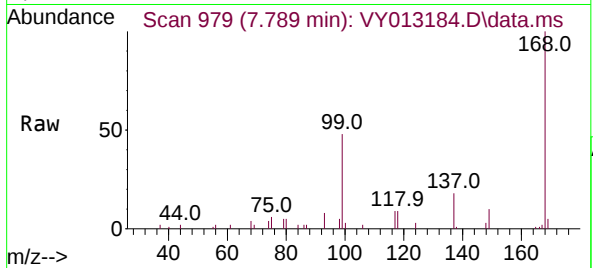




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013184.D
Acq: 03 Apr 2023 18:29

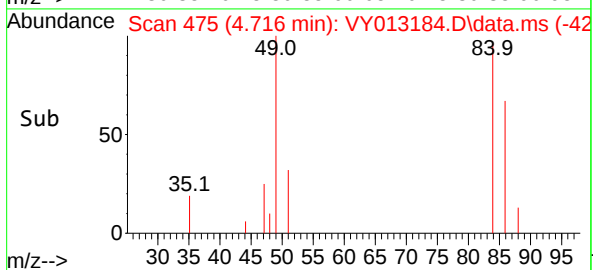
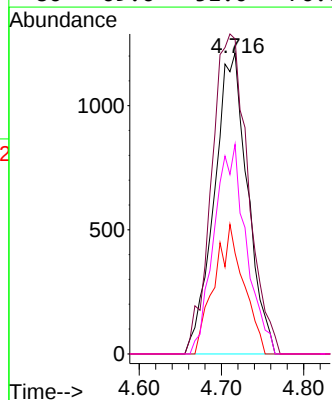
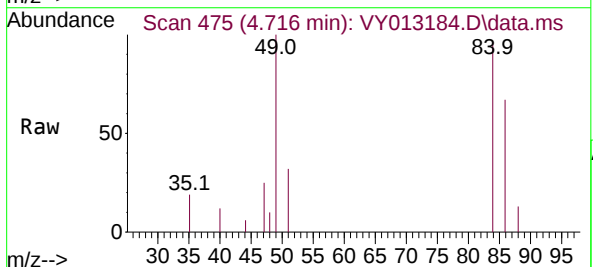
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-033123

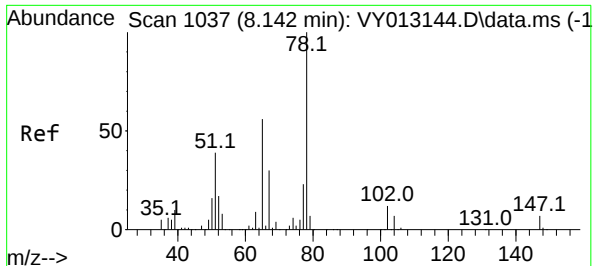
Tgt Ion:168 Resp: 16751
Ion Ratio Lower Upper
168 100
99 47.7 41.7 62.5



#20
Methylene Chloride
Concen: 14.117 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013184.D
Acq: 03 Apr 2023 18:29

Tgt Ion: 84 Resp: 3415
Ion Ratio Lower Upper
84 100
49 104.7 102.6 154.0
51 33.5 31.9 47.9
86 69.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 68.476 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY013184.D

Acq: 03 Apr 2023 18:29

Instrument :

MSVOA_Y

ClientSampleId :

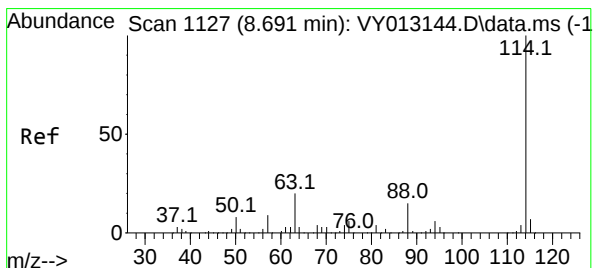
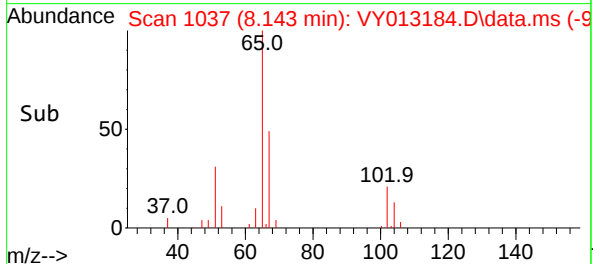
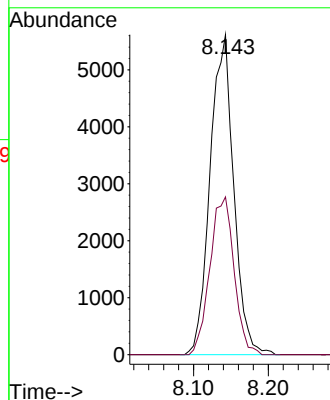
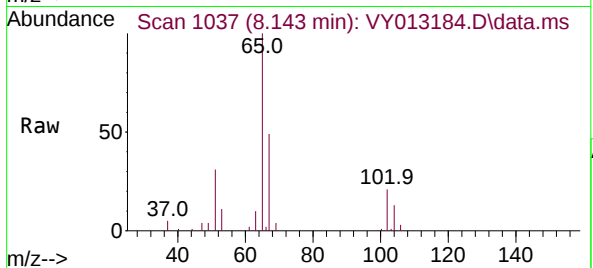
HR-02-033123

Tgt Ion: 65 Resp: 12327

Ion Ratio Lower Upper

65 100

67 50.4 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: VY013184.D

Acq: 03 Apr 2023 18:29

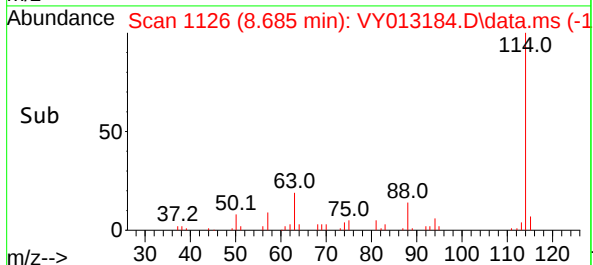
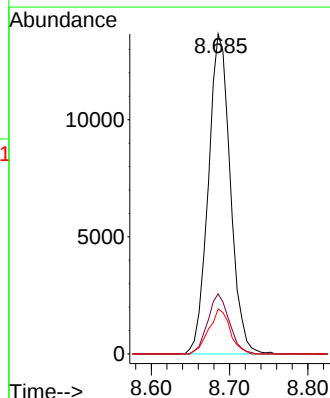
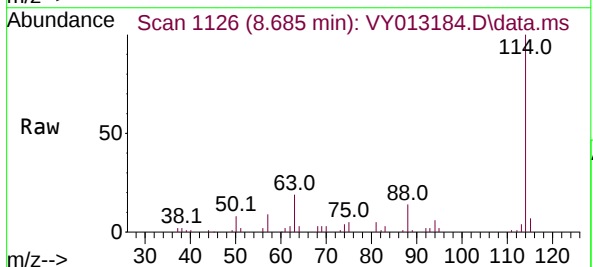
Tgt Ion: 114 Resp: 26655

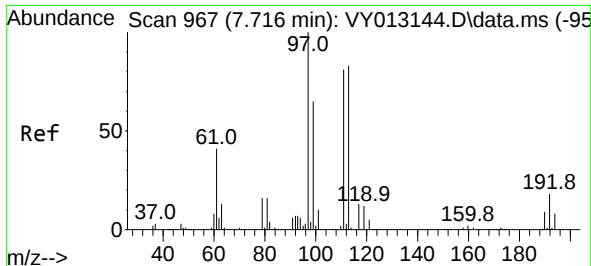
Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.4

88 14.1 0.0 28.6





#35

Dibromofluoromethane

Concen: 61.437 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY013184.D

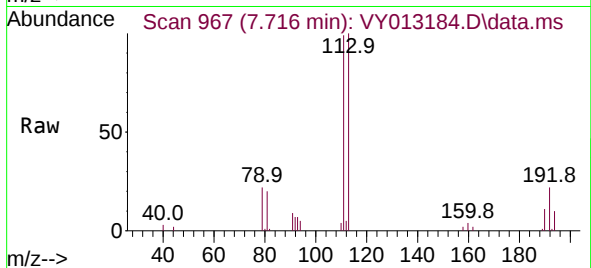
Acq: 03 Apr 2023 18:29

Instrument :

MSVOA_Y

ClientSampleId :

HR-02-033123



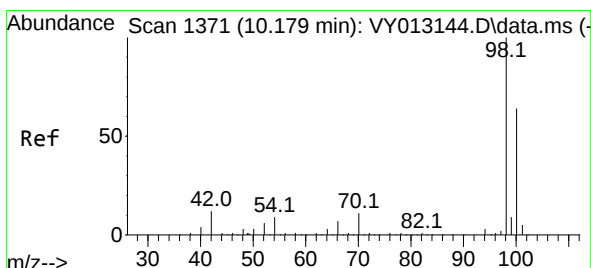
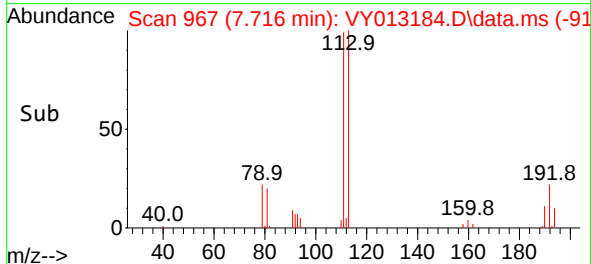
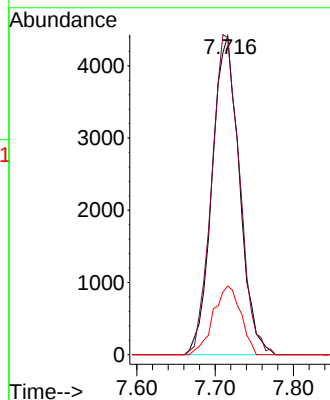
Tgt Ion:113 Resp: 10698

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.2

192 21.7 16.8 25.2



#50

Toluene-d8

Concen: 47.049 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013184.D

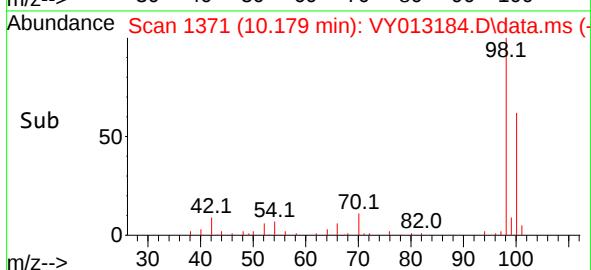
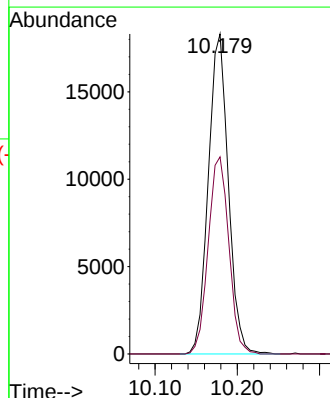
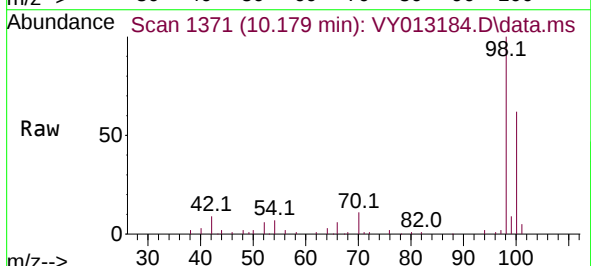
Acq: 03 Apr 2023 18:29

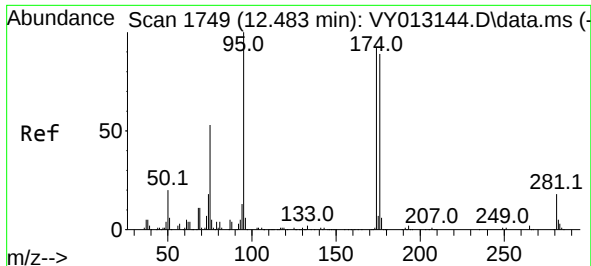
Tgt Ion: 98 Resp: 30928

Ion Ratio Lower Upper

98 100

100 63.4 50.9 76.3

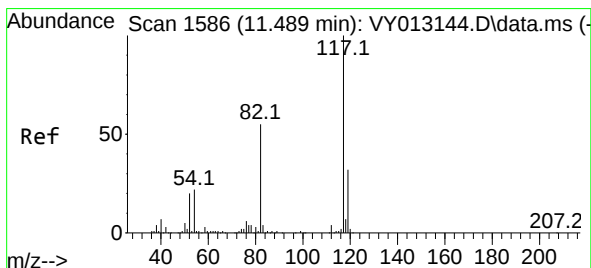
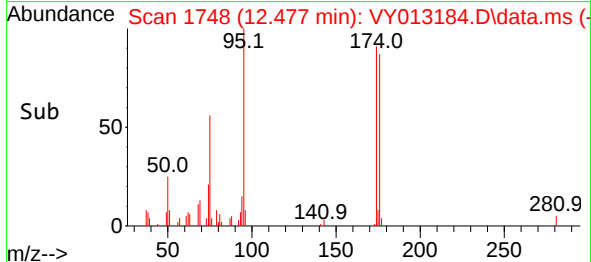
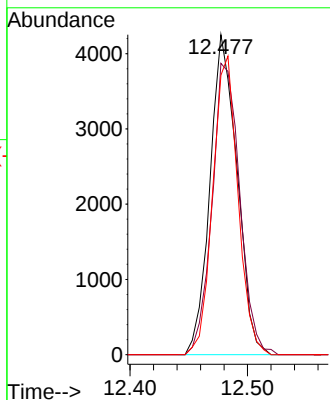
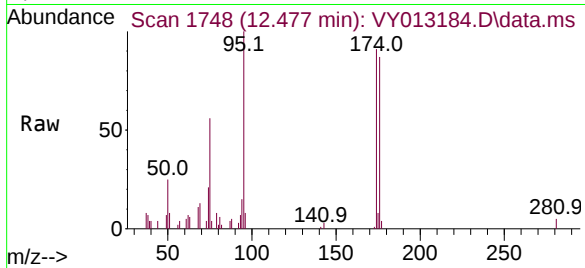




#62
4-Bromofluorobenzene
Concen: 31.831 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013184.D
Acq: 03 Apr 2023 18:29

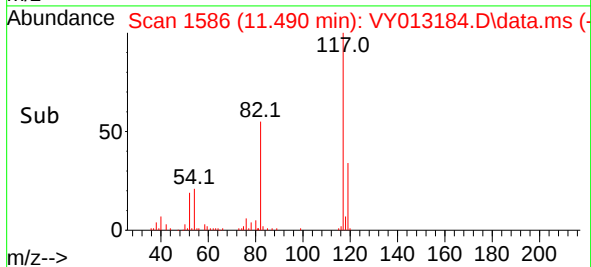
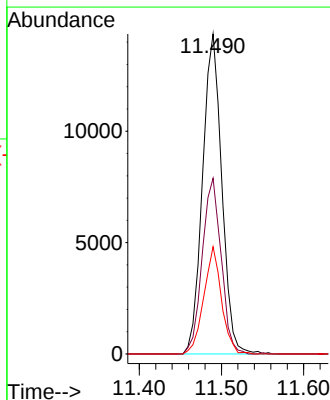
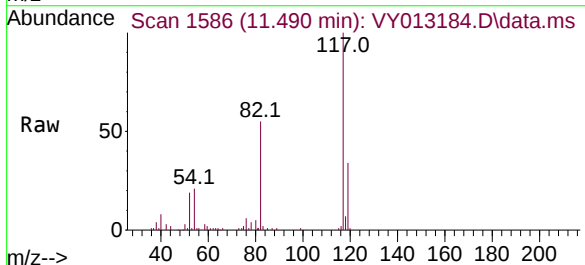
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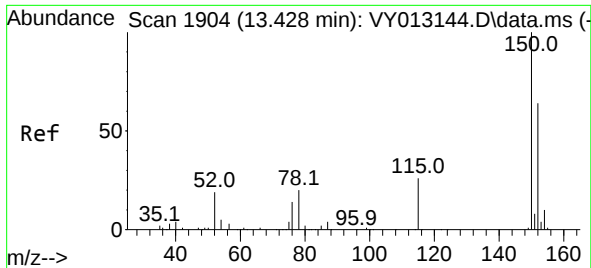
Tgt Ion: 95 Resp: 6811
Ion Ratio Lower Upper
95 100
174 93.0 0.0 176.6
176 86.7 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013184.D
Acq: 03 Apr 2023 18:29

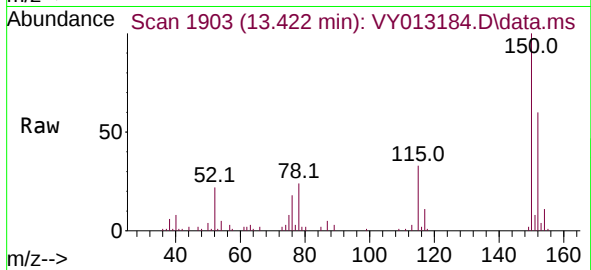
Tgt Ion: 117 Resp: 23360
Ion Ratio Lower Upper
117 100
82 54.9 45.4 68.0
119 33.5 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY013184.D
 Acq: 03 Apr 2023 18:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-033123



Tgt Ion:	152	Resp:	8295
Ion	Ratio	Lower	Upper
152	100		
115	57.8	27.1	81.3
150	164.8	0.0	347.8

