

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040423\
 Data File : VY013197.D
 Acq On : 04 Apr 2023 18:15
 Operator : KP/MD
 Sample : 02166-05
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-033123

Quant Time: Apr 05 01:21:16 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)

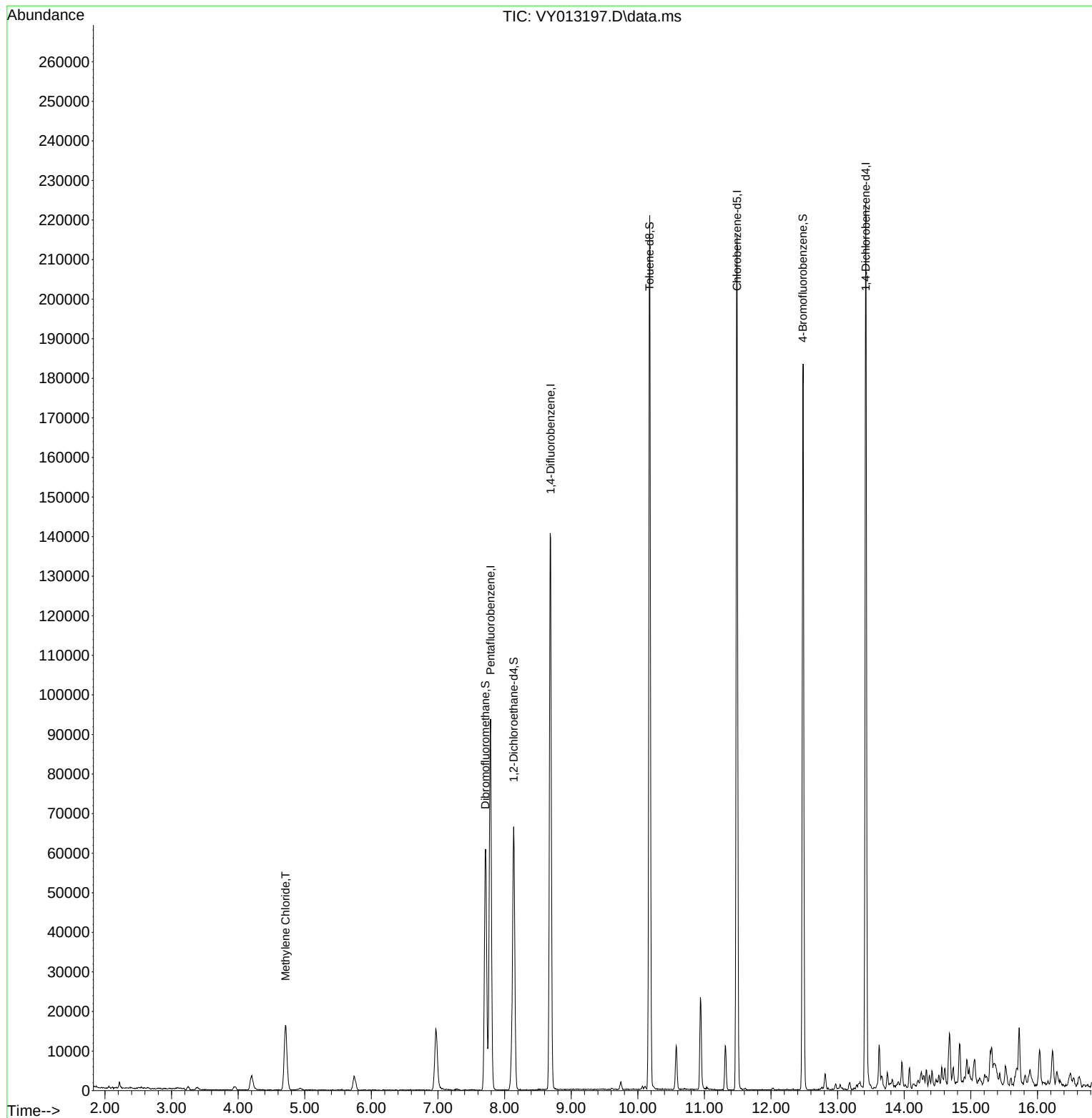
Internal Standards						
1) Pentafluorobenzene	7.789	168	74829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	119294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	120912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	59895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51425	63.948	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.900%
35) Dibromofluoromethane	7.710	113	42645	54.722	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.440%
50) Toluene-d8	10.179	98	142056	48.285	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.580%
62) 4-Bromofluorobenzene	12.477	95	49371	51.556	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.120%
Target Compounds						
20) Methylene Chloride	4.710	84	12561	10.561	ug/l	Qvalue # 83

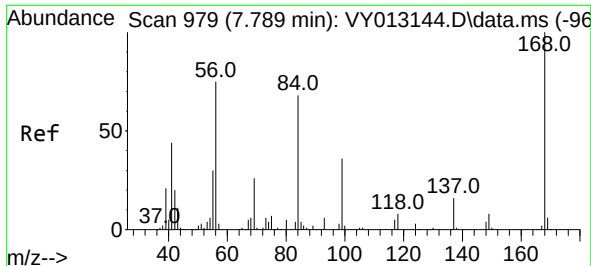
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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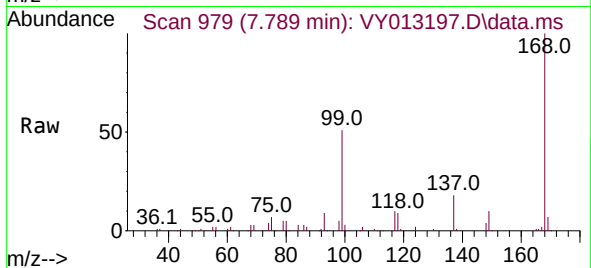
Quant Time: Apr 05 01:21:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
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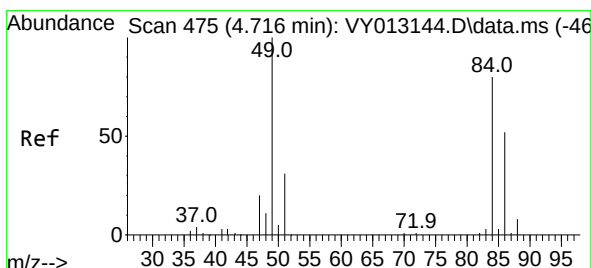
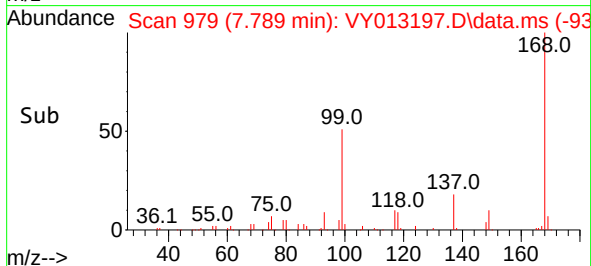
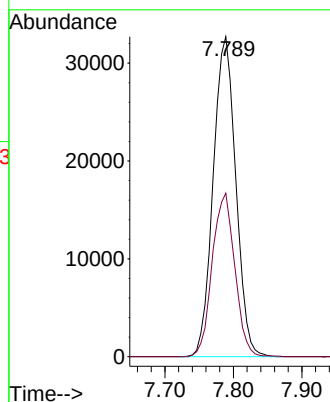


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013197.D
Acq: 04 Apr 2023 18:15

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-033123

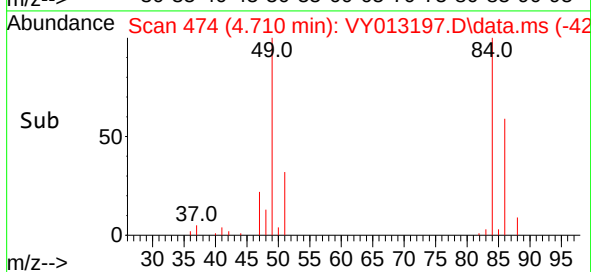
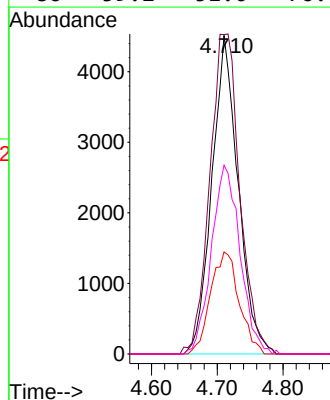
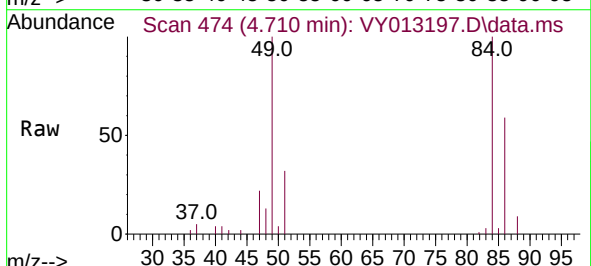


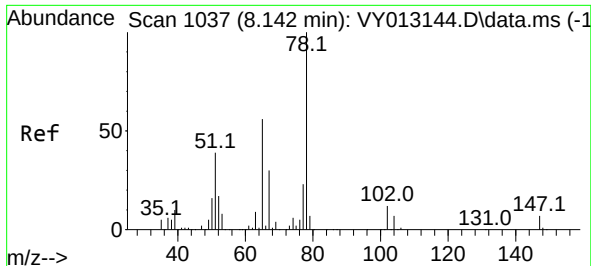
Tgt Ion:168 Resp: 74829
Ion Ratio Lower Upper
168 100
99 51.1 41.7 62.5



#20
Methylene Chloride
Concen: 10.561 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013197.D
Acq: 04 Apr 2023 18:15

Tgt Ion: 84 Resp: 12561
Ion Ratio Lower Upper
84 100
49 100.3 102.6 154.0#
51 32.1 31.9 47.9
86 59.2 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 63.948 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY013197.D

Acq: 04 Apr 2023 18:15

Instrument :

MSVOA_Y

ClientSampleId :

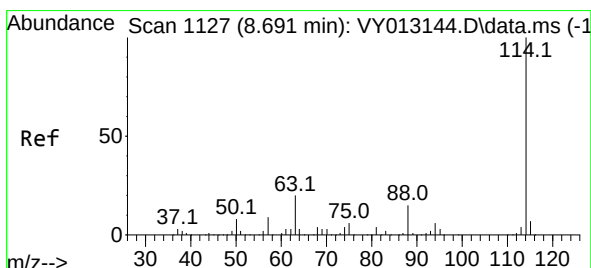
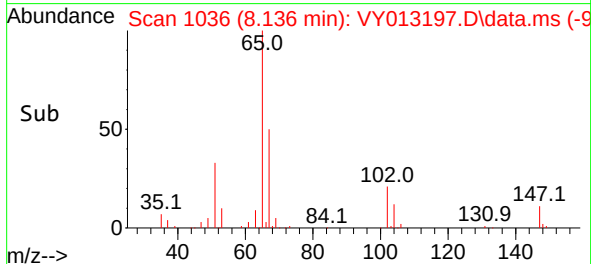
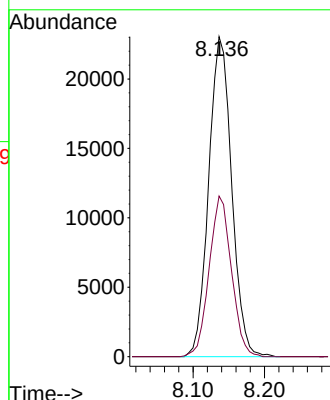
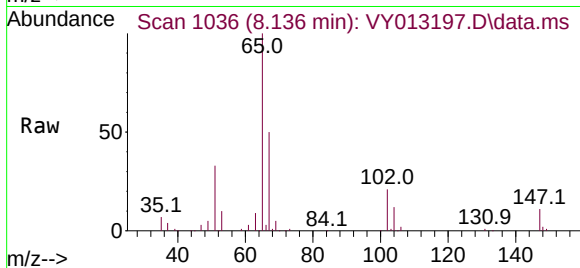
HR-03-033123

Tgt Ion: 65 Resp: 51425

Ion Ratio Lower Upper

65 100

67 48.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013197.D

Acq: 04 Apr 2023 18:15

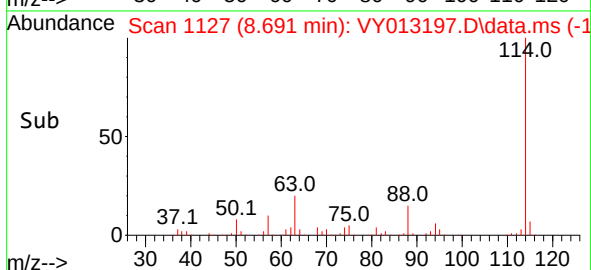
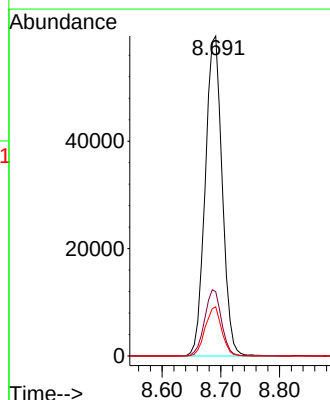
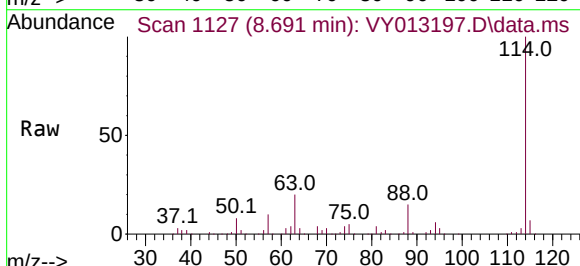
Tgt Ion: 114 Resp: 119294

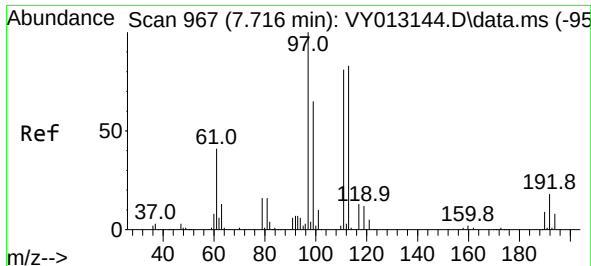
Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 15.4 0.0 28.6





#35

Dibromofluoromethane

Concen: 54.722 ug/l

RT: 7.710 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY013197.D

Acq: 04 Apr 2023 18:15

Instrument :

MSVOA_Y

ClientSampleId :

HR-03-033123

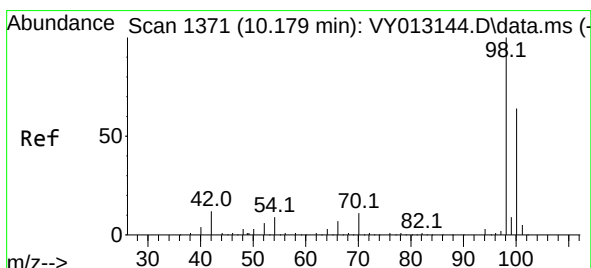
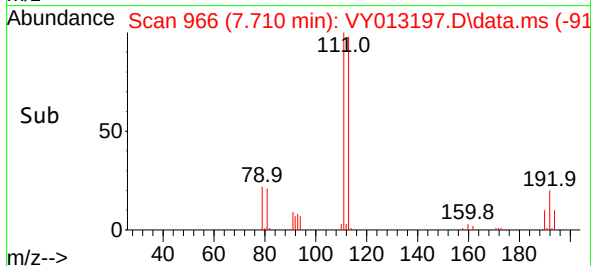
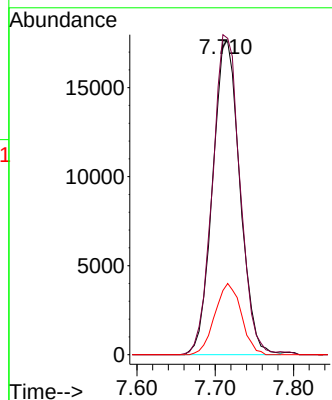
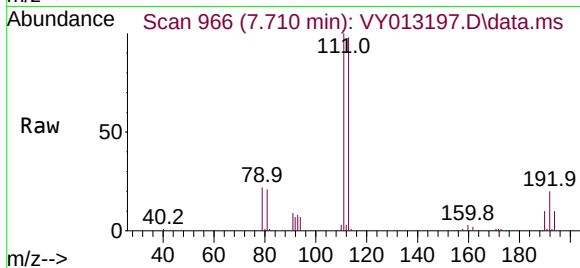
Tgt Ion:113 Resp: 42645

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

192 22.0 16.8 25.2



#50

Toluene-d8

Concen: 48.285 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013197.D

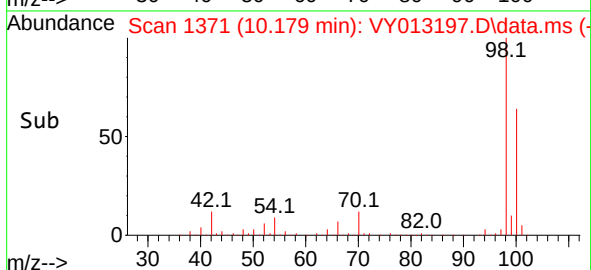
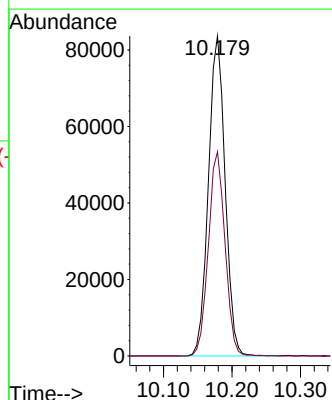
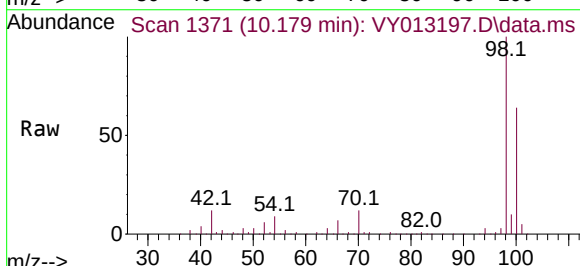
Acq: 04 Apr 2023 18:15

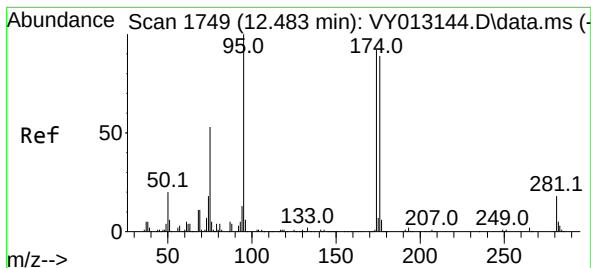
Tgt Ion: 98 Resp: 142056

Ion Ratio Lower Upper

98 100

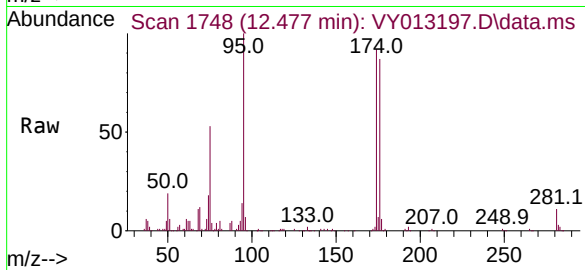
100 63.6 50.9 76.3



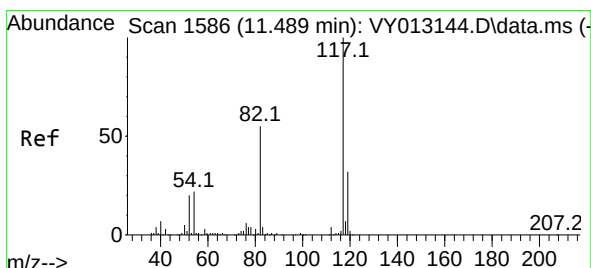
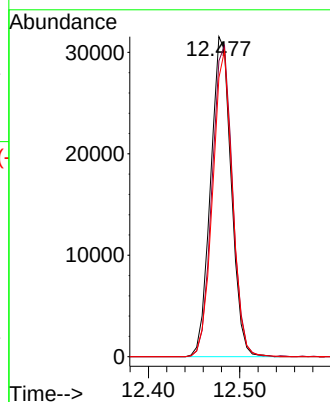
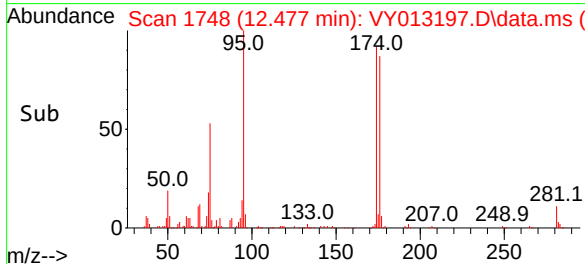


#62
4-Bromofluorobenzene
Concen: 51.556 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013197.D
Acq: 04 Apr 2023 18:15

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-033123

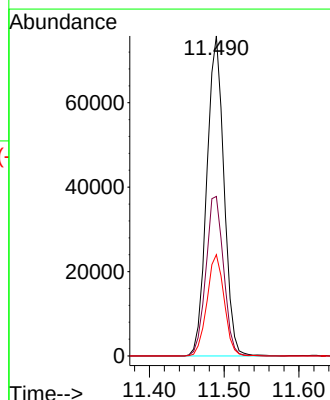
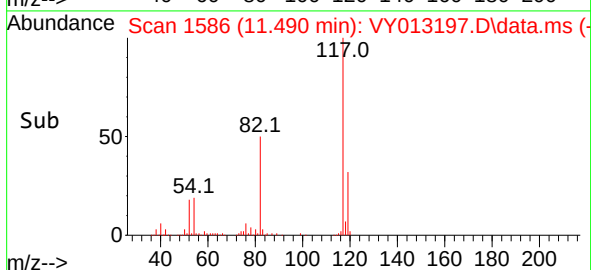
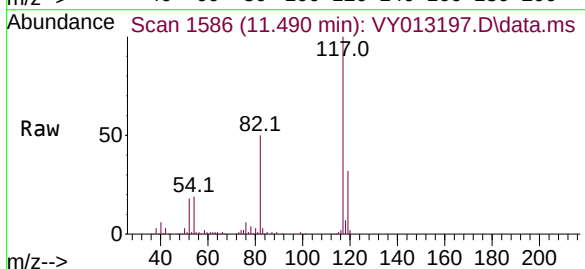


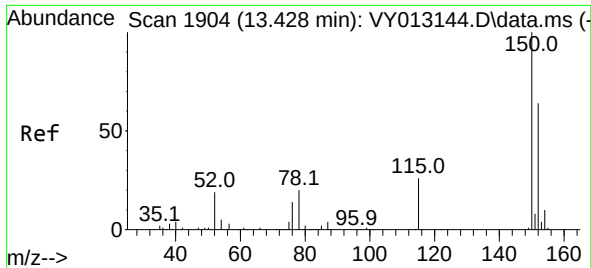
Tgt Ion:	95	Resp:	49371
Ion	Ratio	Lower	Upper
95	100		
174	96.2	0.0	176.6
176	91.8	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013197.D
Acq: 04 Apr 2023 18:15

Tgt Ion:	117	Resp:	120912
Ion	Ratio	Lower	Upper
117	100		
82	49.8	45.4	68.0
119	31.7	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: VY013197.D

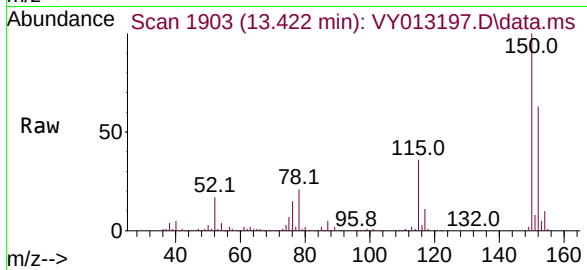
Acq: 04 Apr 2023 18:15

Instrument :

MSVOA_Y

ClientSampleId :

HR-03-033123



Tgt Ion:152 Resp: 59895

Ion Ratio Lower Upper

152 100

115 55.9 27.1 81.3

150 157.4 0.0 347.8

