

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013246.D
 Acq On : 11 Apr 2023 16:36
 Operator : KP/MD
 Sample : 02222-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 E-H4(ELEV-24)

Quant Time: Apr 11 17:38:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 11:59:49 2023
 Response via : Initial Calibration

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

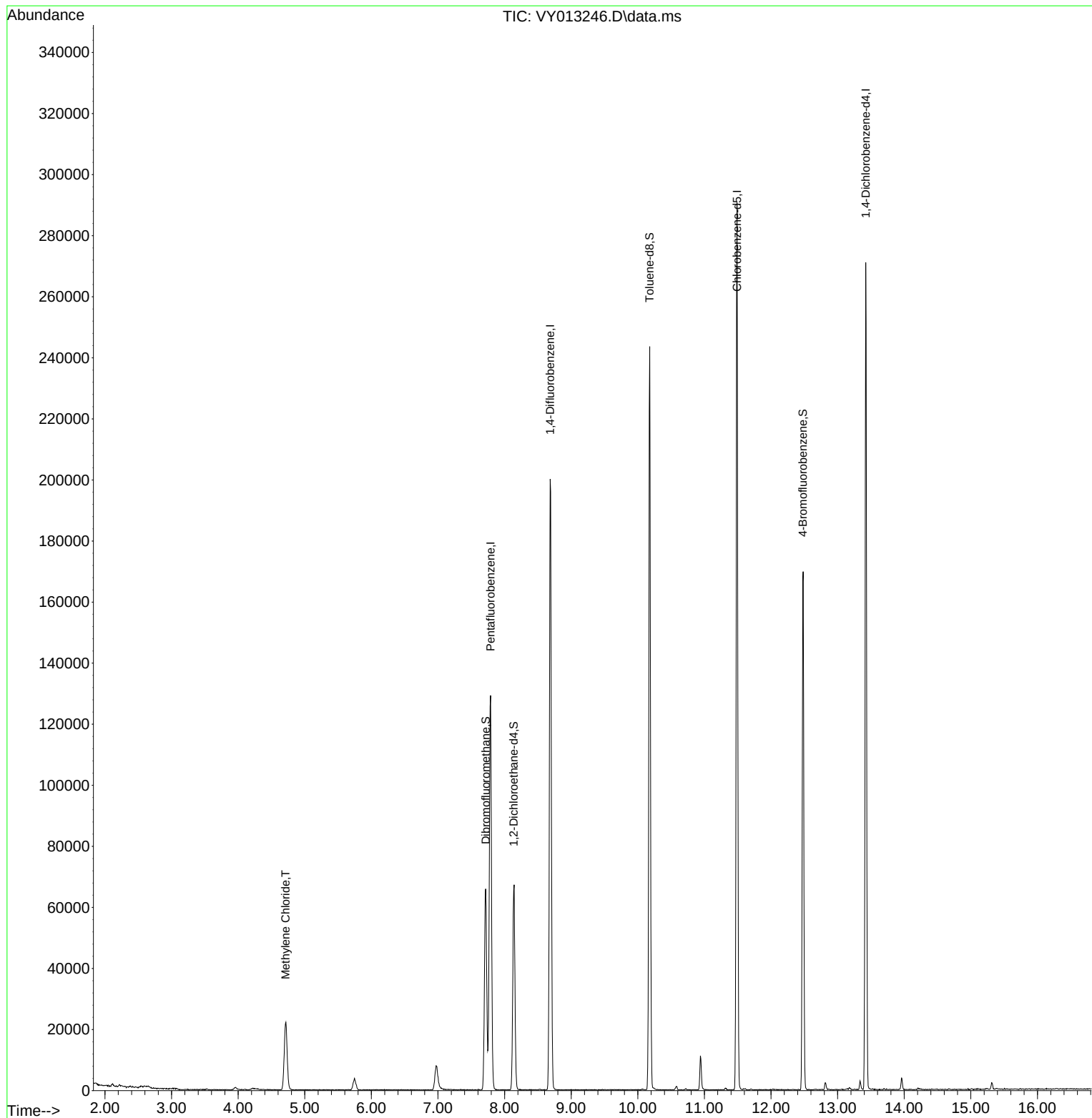
Internal Standards						
1) Pentafluorobenzene	7.789	168	98680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	164302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	144695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	66266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	52786	47.568	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.140%
35) Dibromofluoromethane	7.716	113	45882	46.717	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.440%
50) Toluene-d8	10.179	98	152856	44.454	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.900%
62) 4-Bromofluorobenzene	12.477	95	48832	39.769	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.540%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	15557	6.823	ug/l	94

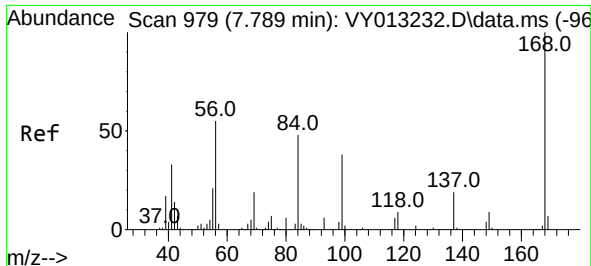
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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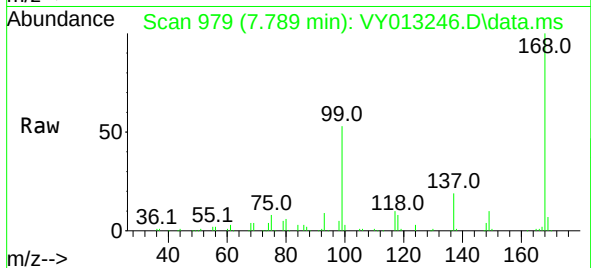
Quant Time: Apr 11 17:38:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
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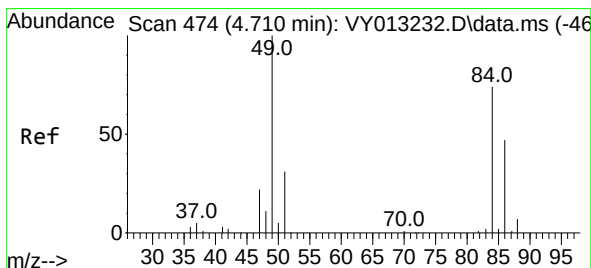
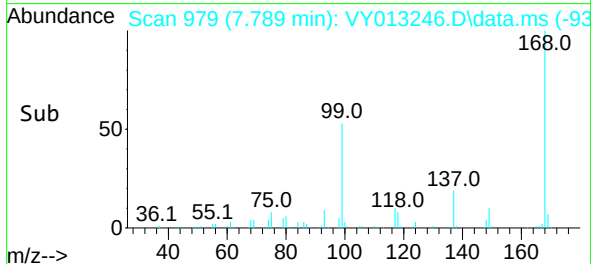
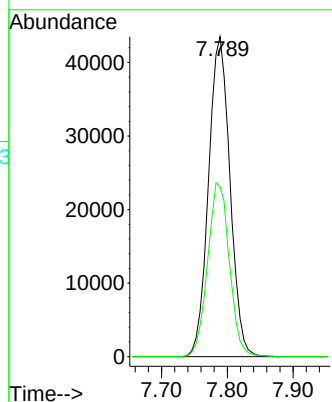


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013246.D
Acq: 11 Apr 2023 16:36

Instrument :
MSVOA_Y
ClientSampleId :
E-H4(ELEV-24)

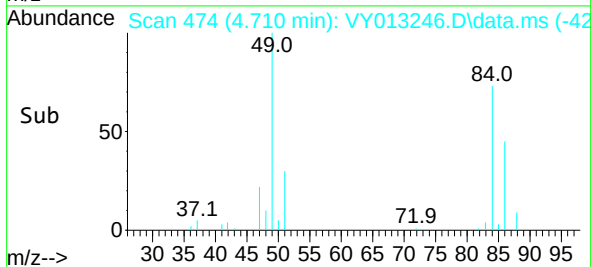
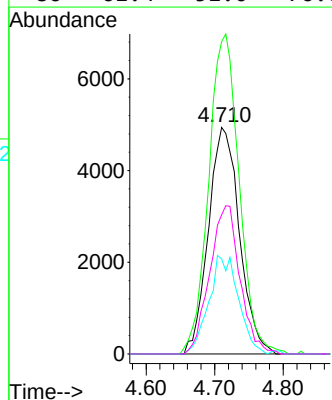
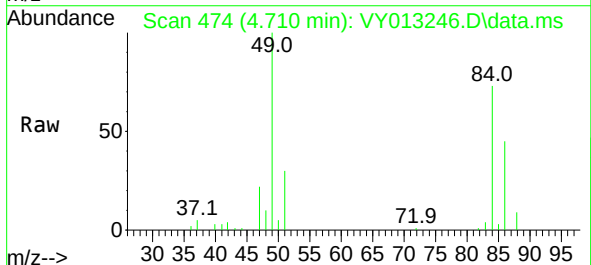


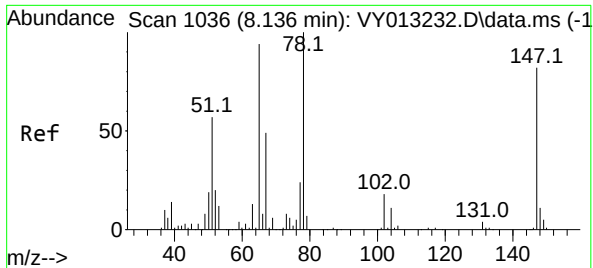
Tgt Ion:168 Resp: 98680
Ion Ratio Lower Upper
168 100
99 53.1 41.7 62.5



#20
Methylene Chloride
Concen: 6.823 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY013246.D
Acq: 11 Apr 2023 16:36

Tgt Ion: 84 Resp: 15557
Ion Ratio Lower Upper
84 100
49 137.8 102.6 154.0
51 41.9 31.9 47.9
86 61.4 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 47.568 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013246.D

Acq: 11 Apr 2023 16:36

Instrument :

MSVOA_Y

ClientSampleId :

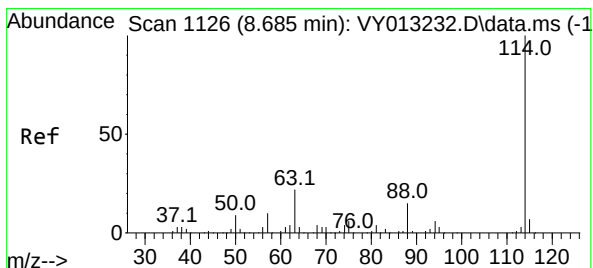
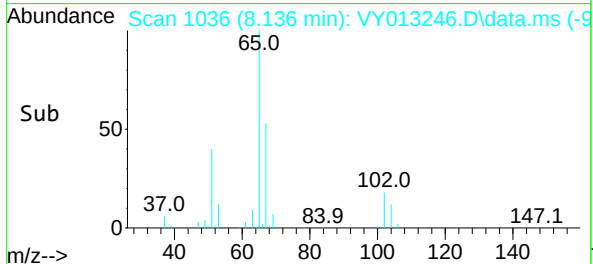
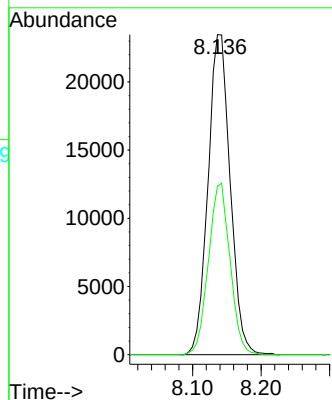
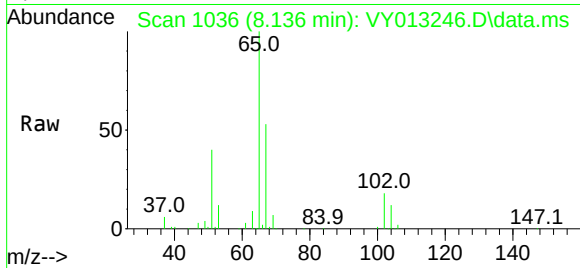
E-H4(ELEV-24)

Tgt Ion: 65 Resp: 52786

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY013246.D

Acq: 11 Apr 2023 16:36

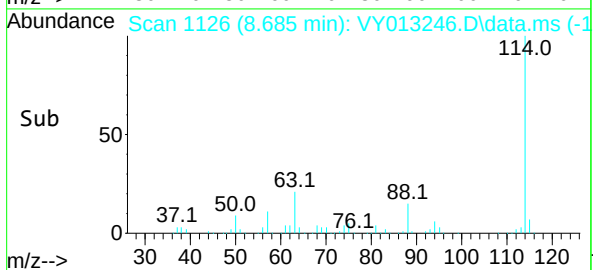
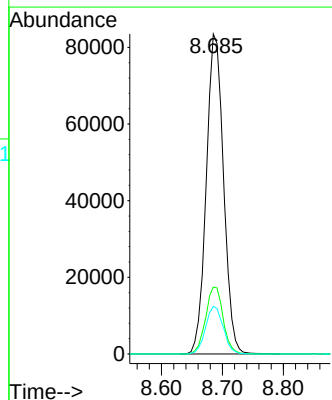
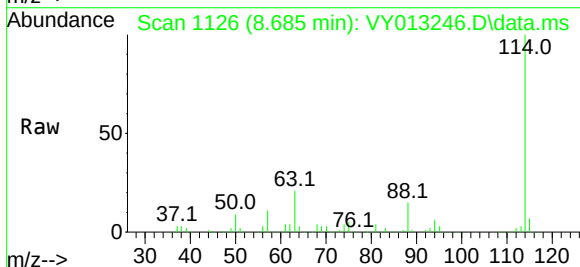
Tgt Ion: 114 Resp: 164302

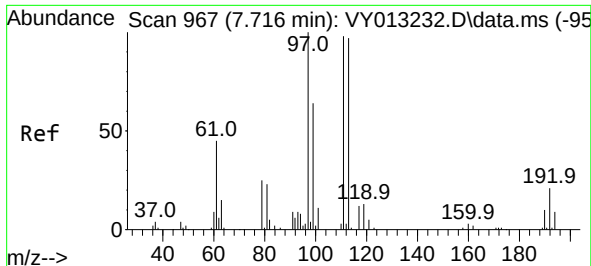
Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.4

88 14.8 0.0 28.6

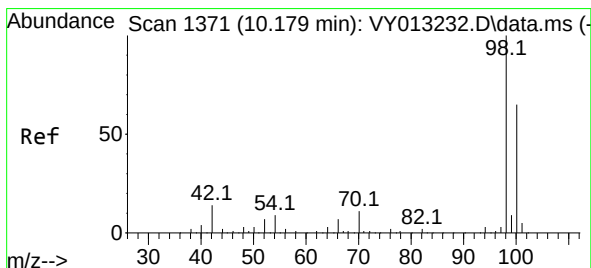
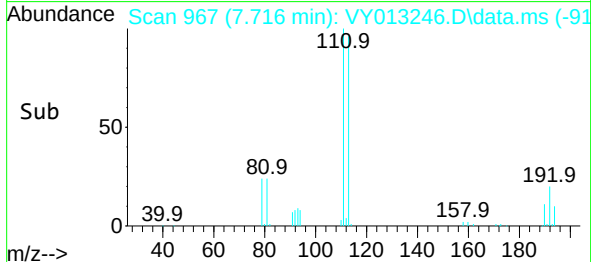
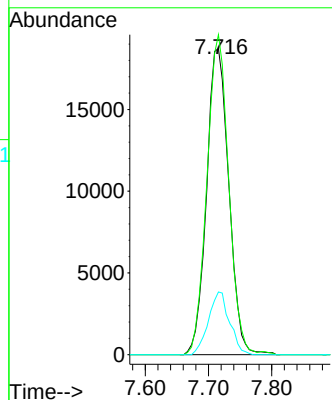
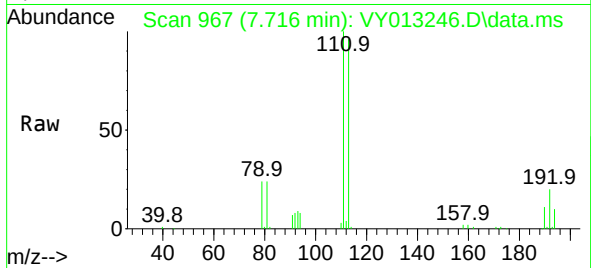




#35
 Dibromofluoromethane
 Concen: 46.717 ug/l
 RT: 7.716 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VY013246.D
 Acq: 11 Apr 2023 16:36

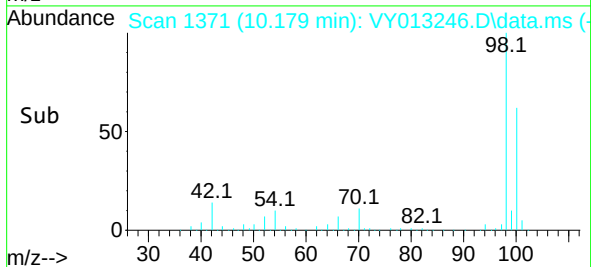
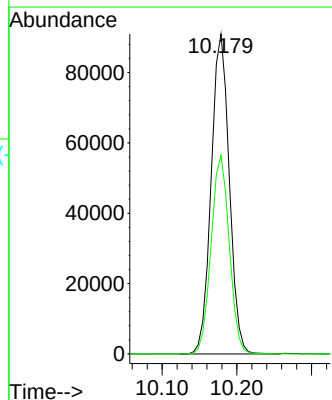
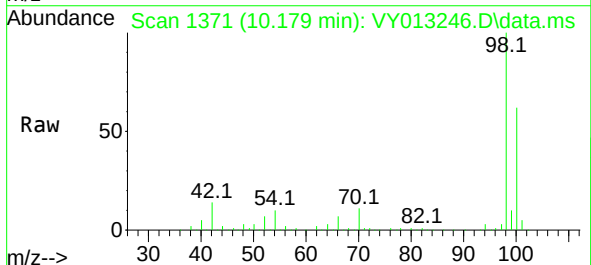
Instrument :
 MSVOA_Y
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 E-H4(ELEV-24)

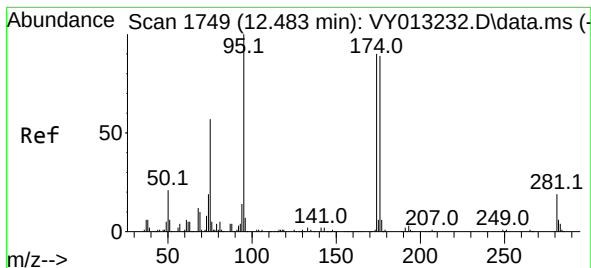
Tgt Ion:113 Resp: 45882
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.2
 192 19.4 16.8 25.2



#50
 Toluene-d8
 Concen: 44.454 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY013246.D
 Acq: 11 Apr 2023 16:36

Tgt Ion: 98 Resp: 152856
 Ion Ratio Lower Upper
 98 100
 100 62.4 50.9 76.3

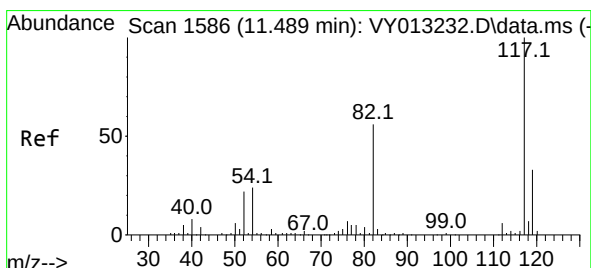
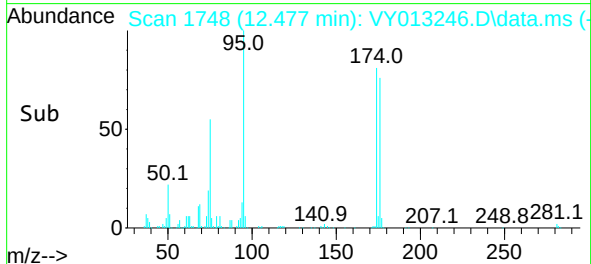
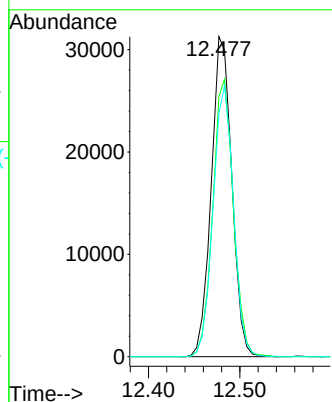
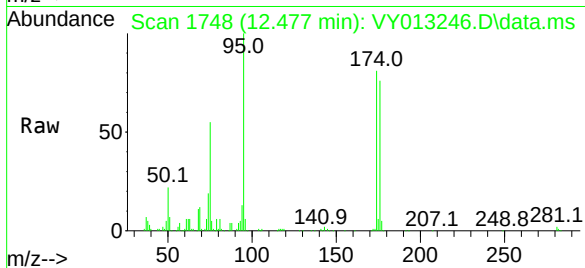




#62
4-Bromofluorobenzene
Concen: 39.769 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013246.D
Acq: 11 Apr 2023 16:36

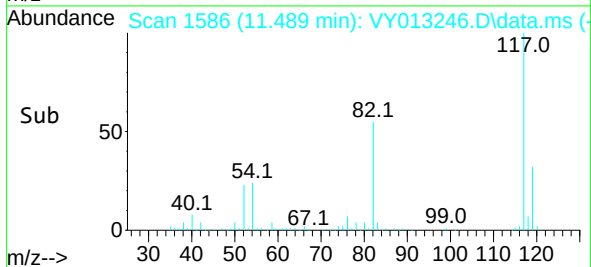
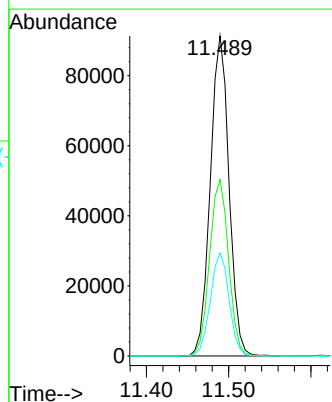
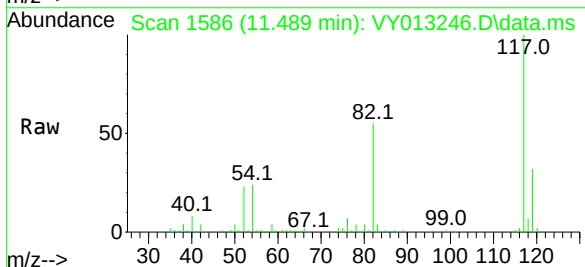
Instrument :
MSVOA_Y
ClientSampleId :
E-H4(ELEV-24)

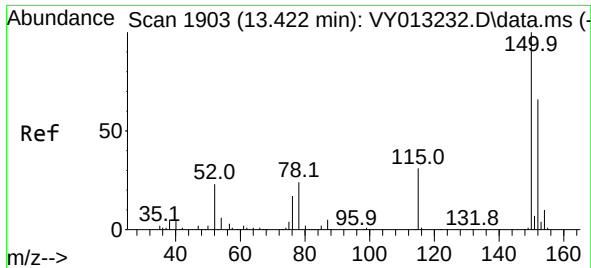
Tgt Ion: 95 Resp: 48832
Ion Ratio Lower Upper
95 100
174 86.6 0.0 176.6
176 84.3 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013246.D
Acq: 11 Apr 2023 16:36

Tgt Ion: 117 Resp: 144695
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.0
119 32.2 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013246.D

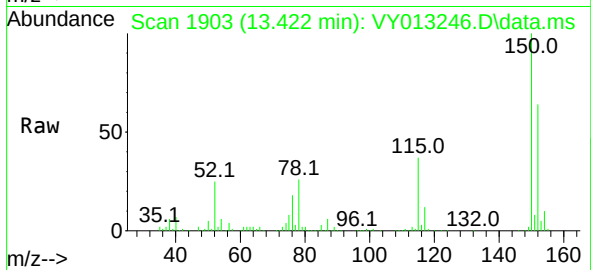
Acq: 11 Apr 2023 16:36

Instrument :

MSVOA_Y

ClientSampleId :

E-H4(ELEV-24)



Tgt Ion:152 Resp: 66266

Ion Ratio Lower Upper

152 100

115 56.5 27.1 81.3

150 155.4 0.0 347.8

