

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052623\
 Data File : VY013905.D
 Acq On : 26 May 2023 19:54
 Operator : KP/MD
 Sample : 02955-08
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB22

Quant Time: May 29 04:37:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

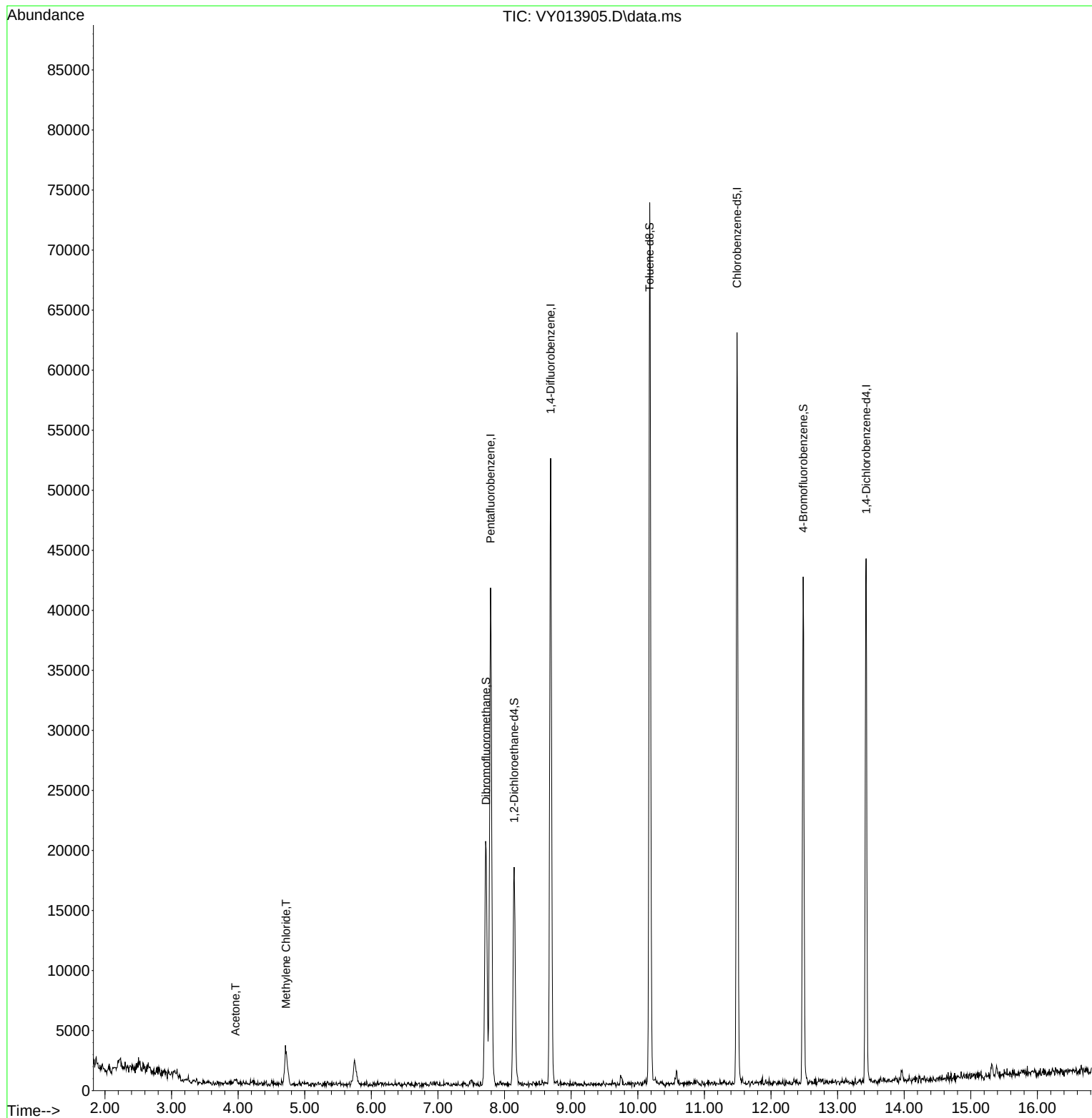
Internal Standards						
1) Pentafluorobenzene	7.789	168	30832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	42958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	33884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	14844	41.615	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.240%
35) Dibromofluoromethane	7.722	113	13708	49.412	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.820%
50) Toluene-d8	10.179	98	49695	47.131	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.260%
62) 4-Bromofluorobenzene	12.483	95	11098	31.665	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	63.320%
Target Compounds						
16) Acetone	3.960	43	842	7.953	ug/l #	88
20) Methylene Chloride	4.716	84	2025	3.008	ug/l #	70

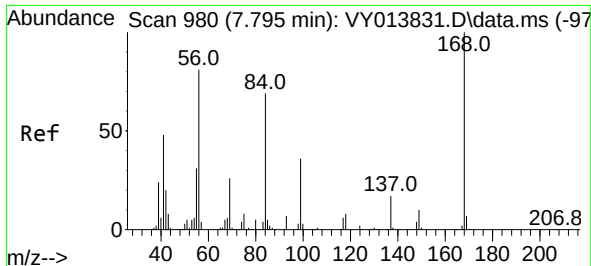
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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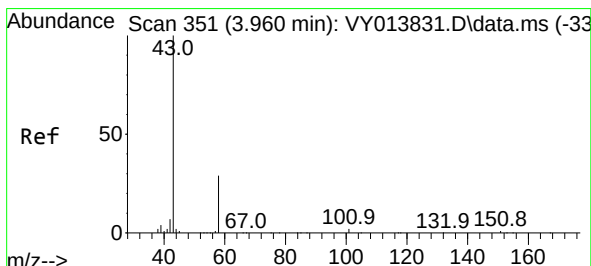
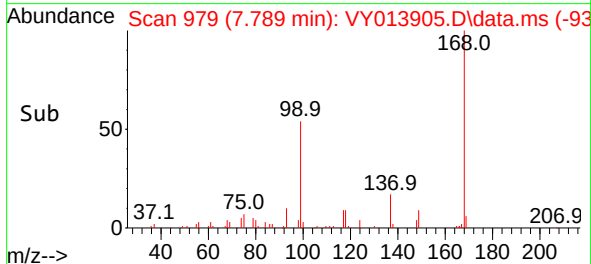
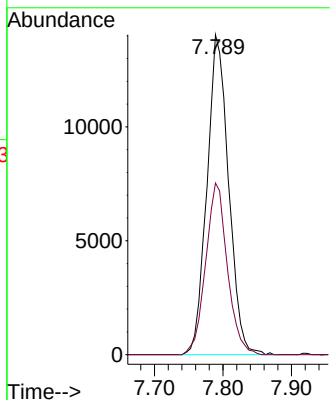
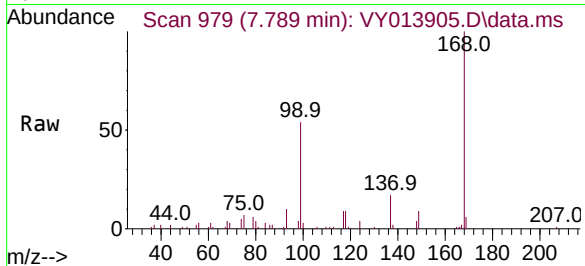




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013905.D
Acq: 26 May 2023 19:54

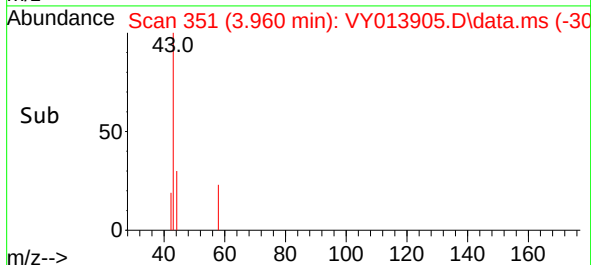
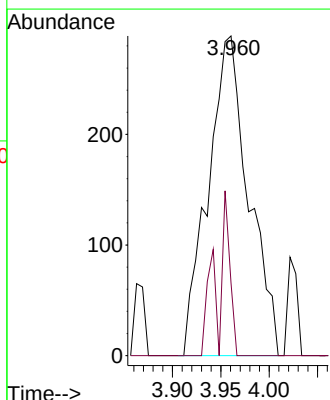
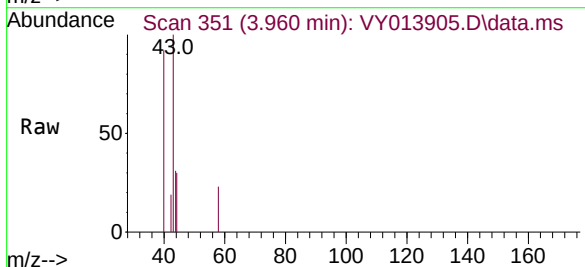
Instrument :
MSVOA_Y
ClientSampleId :
SB22

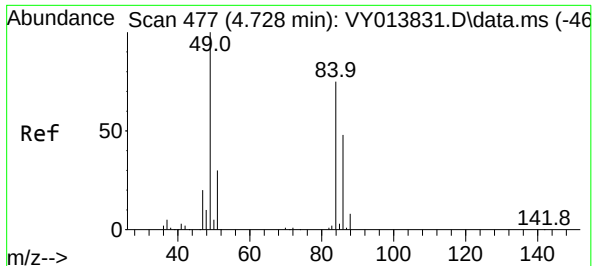
Tgt Ion:168 Resp: 30832
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.2



#16
Acetone
Concen: 7.953 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY013905.D
Acq: 26 May 2023 19:54

Tgt Ion: 43 Resp: 842
Ion Ratio Lower Upper
43 100
58 22.8 23.3 34.9#

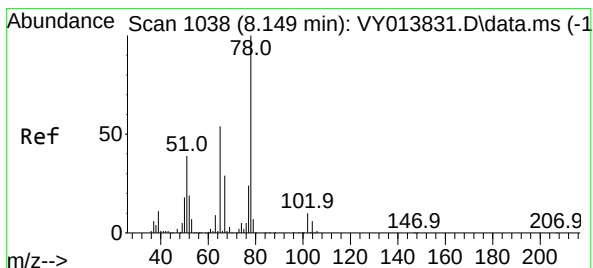
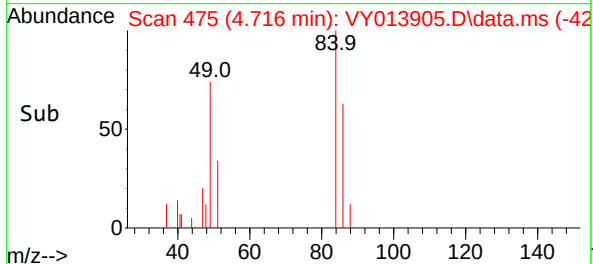
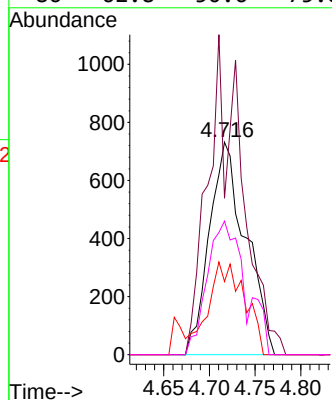
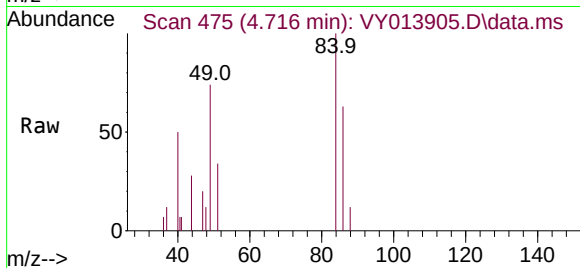




#20
Methylene Chloride
Concen: 3.008 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013905.D
Acq: 26 May 2023 19:54

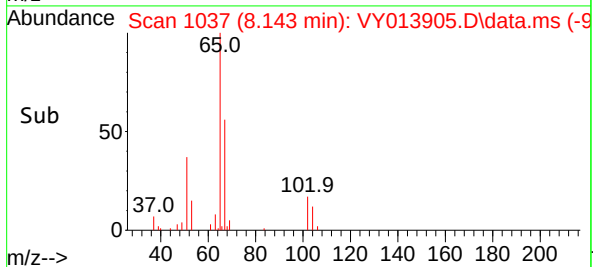
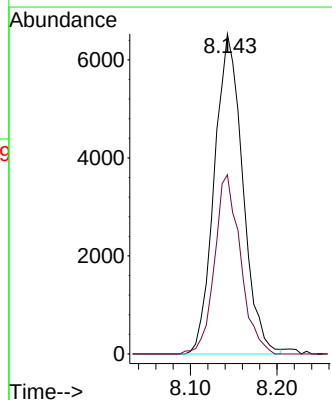
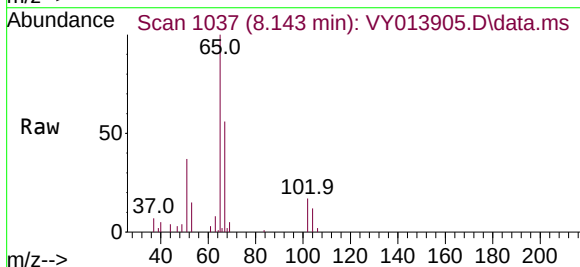
Instrument :
MSVOA_Y
ClientSampleId :
SB22

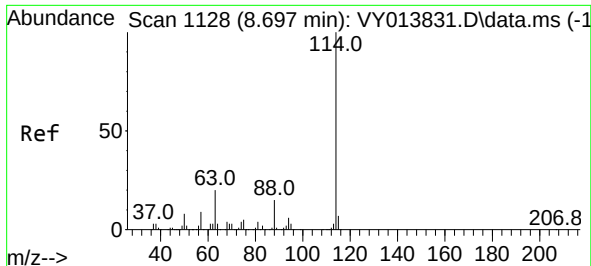
Tgt Ion:	84	Resp:	2025
Ion	Ratio	Lower	Upper
84	100		
49	73.6	106.2	159.2#
51	34.4	31.4	47.0
86	62.8	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 41.615 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013905.D
Acq: 26 May 2023 19:54

Tgt Ion:	65	Resp:	14844
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY013905.D

Acq: 26 May 2023 19:54

Instrument :

MSVOA_Y

ClientSampleId :

SB22

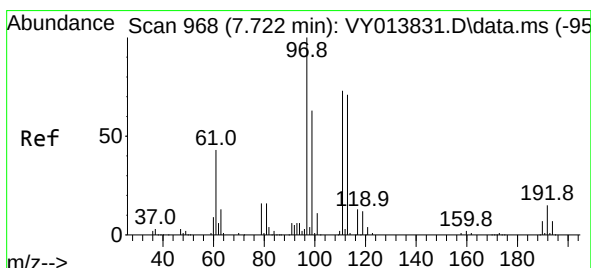
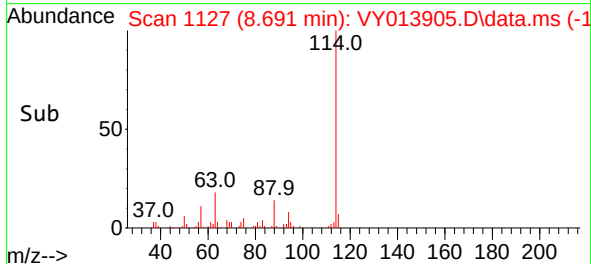
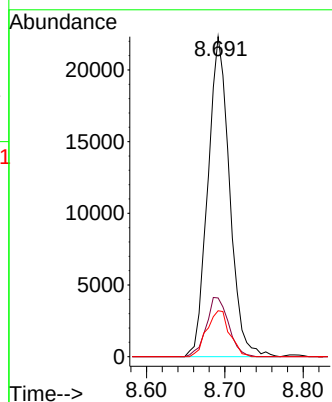
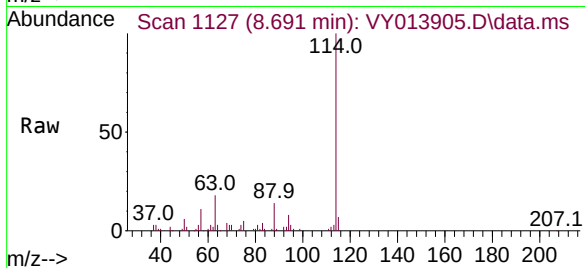
Tgt Ion:114 Resp: 42958

Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.2

88 14.4 0.0 30.0



#35

Dibromofluoromethane

Concen: 49.412 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY013905.D

Acq: 26 May 2023 19:54

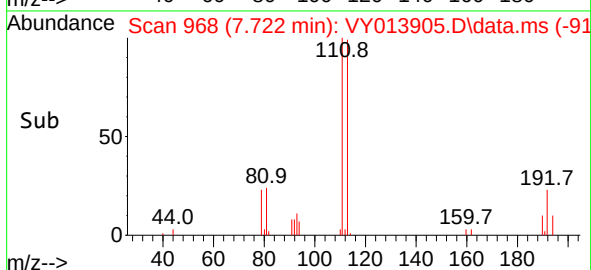
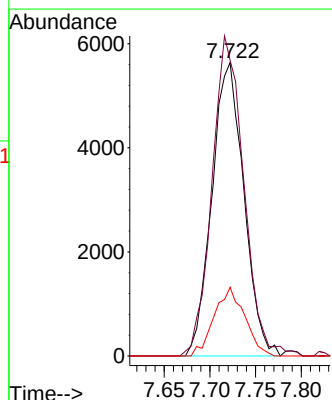
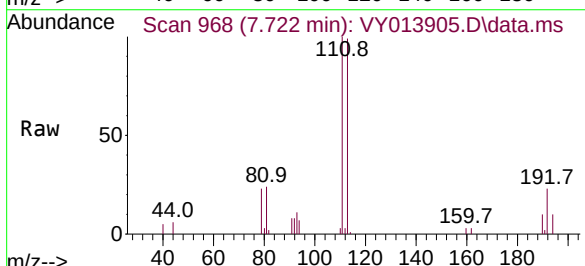
Tgt Ion:113 Resp: 13708

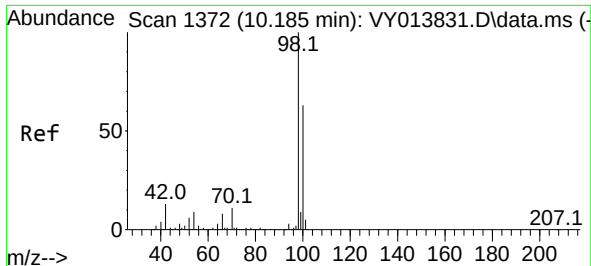
Ion Ratio Lower Upper

113 100

111 108.2 80.4 120.6

192 22.3 16.6 25.0

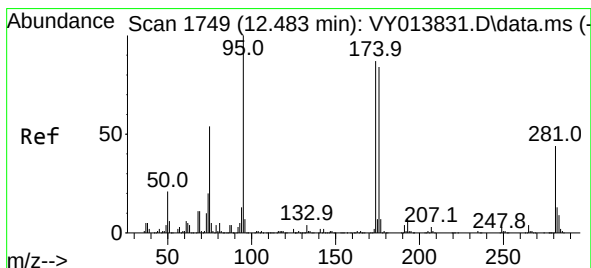
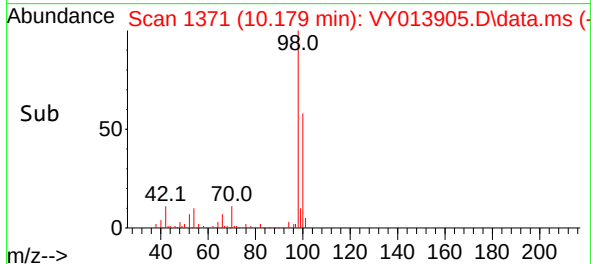
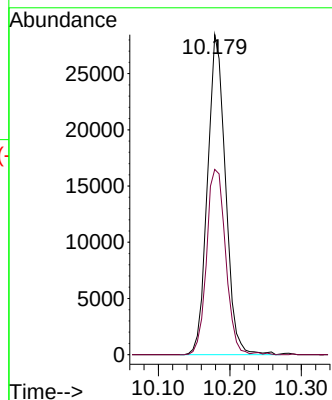
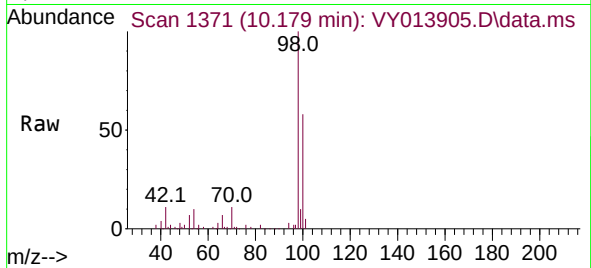




#50
Toluene-d8
Concen: 47.131 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013905.D
Acq: 26 May 2023 19:54

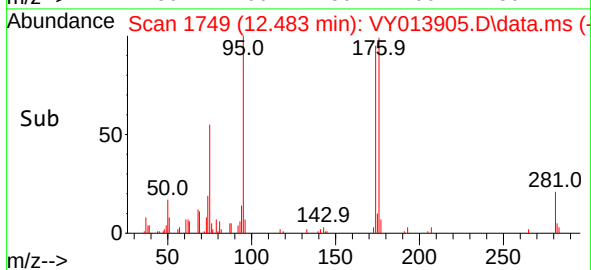
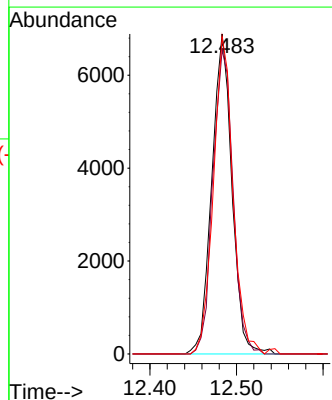
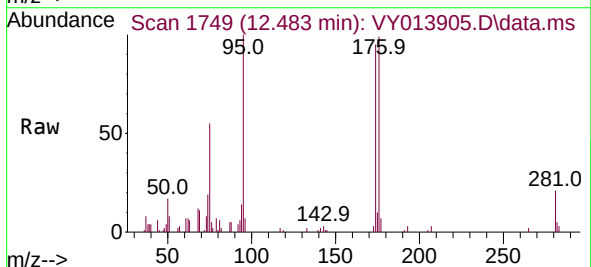
Instrument :
MSVOA_Y
ClientSampleId :
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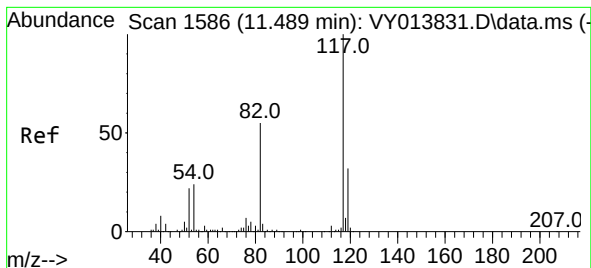
Tgt Ion: 98 Resp: 49695
Ion Ratio Lower Upper
98 100
100 61.2 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 31.665 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013905.D
Acq: 26 May 2023 19:54

Tgt Ion: 95 Resp: 11098
Ion Ratio Lower Upper
95 100
174 95.2 0.0 176.0
176 97.0 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013905.D

Acq: 26 May 2023 19:54

Instrument :

MSVOA_Y

ClientSampleId :

SB22

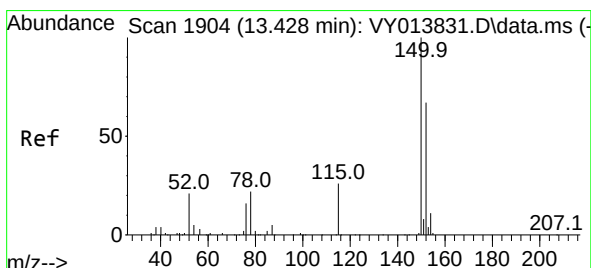
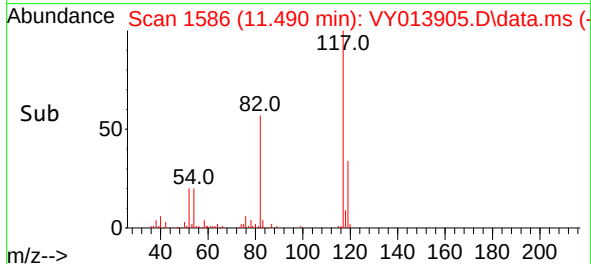
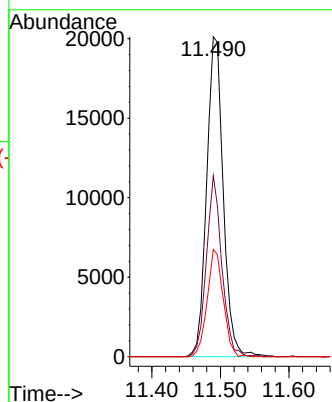
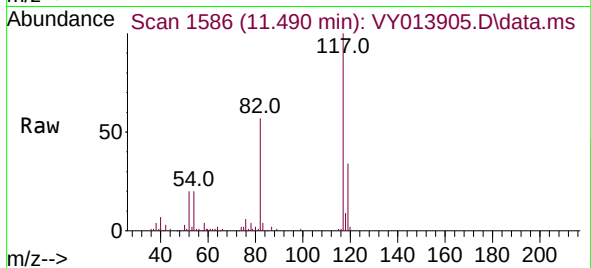
Tgt Ion:117 Resp: 33884

Ion Ratio Lower Upper

117 100

82 56.6 44.2 66.4

119 33.5 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013905.D

Acq: 26 May 2023 19:54

Tgt Ion:152 Resp: 11979

Ion Ratio Lower Upper

152 100

115 55.1 28.8 86.5

150 155.0 0.0 353.4

