

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013881.D
 Acq On : 25 May 2023 18:20
 Operator : KP/MD
 Sample : 02908-07RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB13RE

Quant Time: May 26 04:35:11 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)

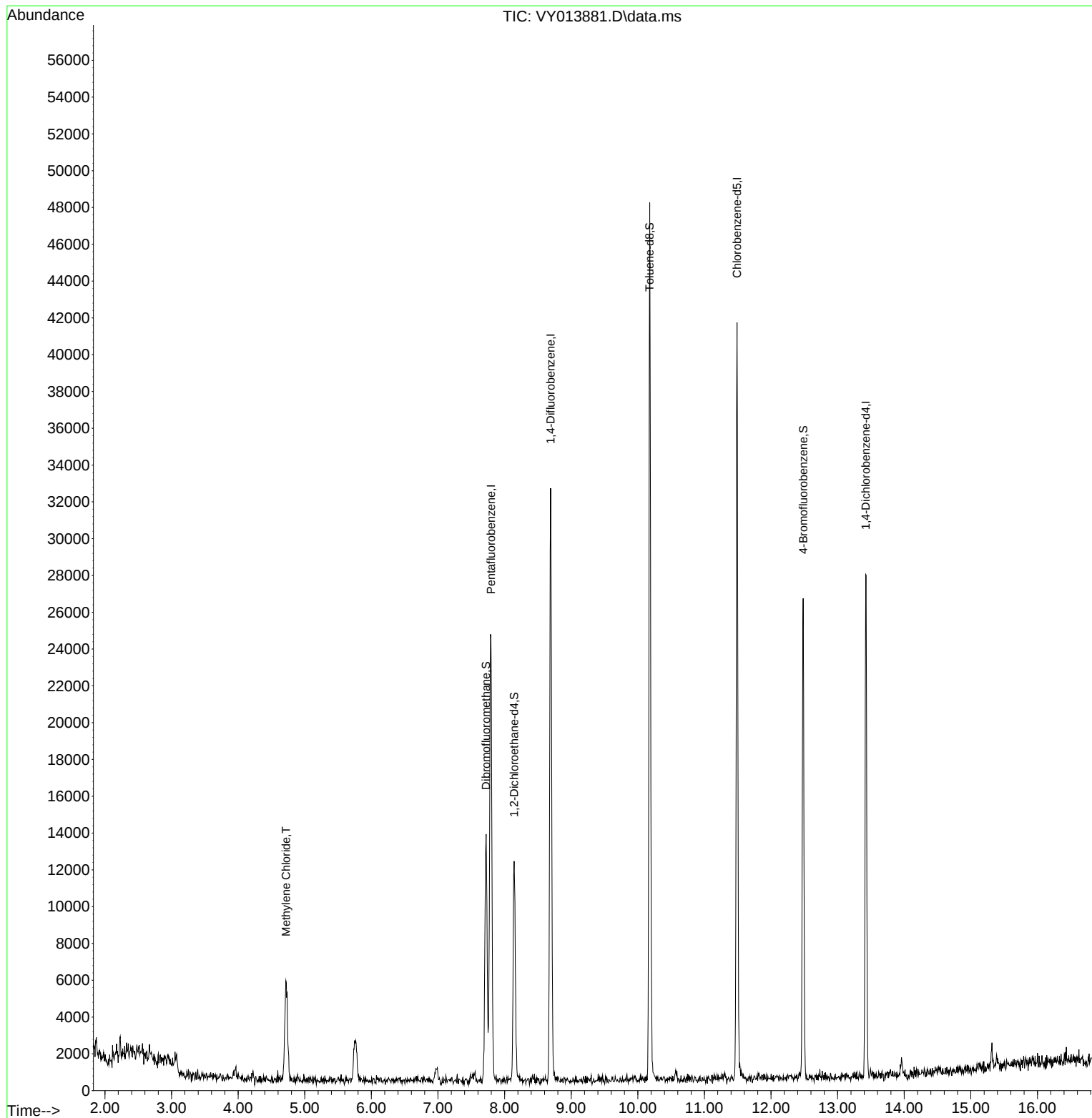
Internal Standards						
1) Pentafluorobenzene	7.795	168	19665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	27420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	22166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	7593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	10467	46.008	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.020%
35) Dibromofluoromethane	7.722	113	9350	52.801	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.600%
50) Toluene-d8	10.179	98	30893	45.902	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.800%
62) 4-Bromofluorobenzene	12.483	95	7278	32.533	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.060%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	3797	14.032	ug/l #	93

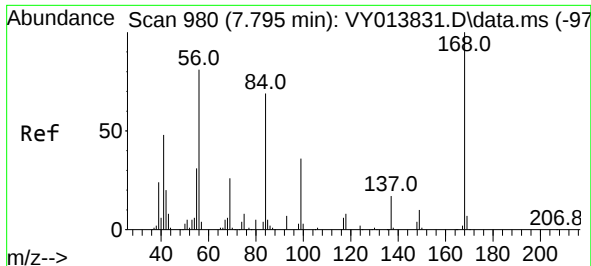
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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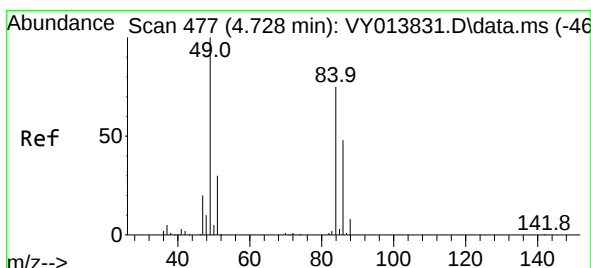
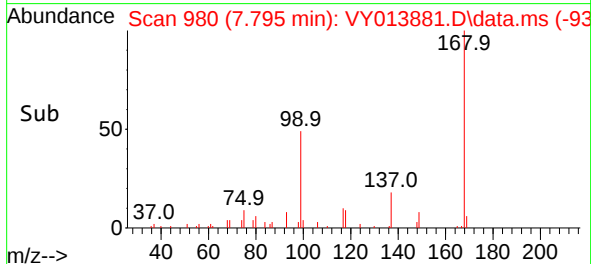
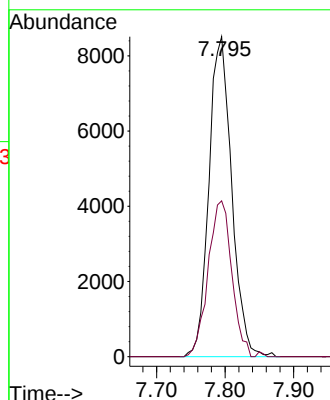
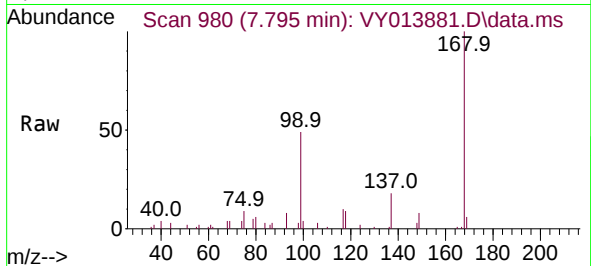




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013881.D
Acq: 25 May 2023 18:20

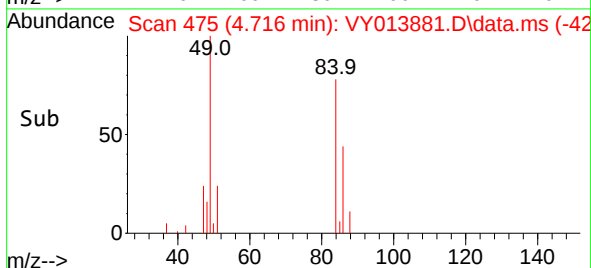
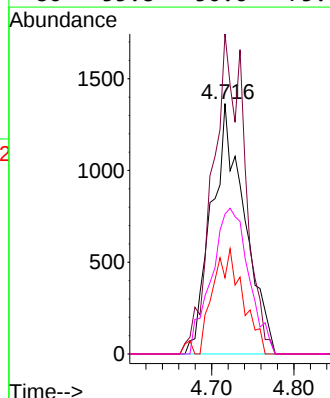
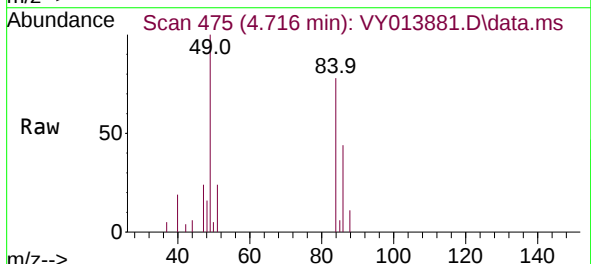
Instrument :
MSVOA_Y
ClientSampleId :
SB13RE

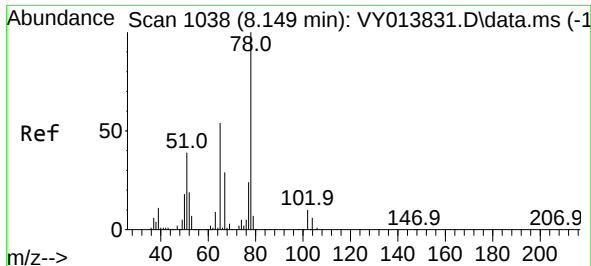
Tgt Ion:168 Resp: 19665
Ion Ratio Lower Upper
168 100
99 48.7 43.4 65.2



#20
Methylene Chloride
Concen: 14.032 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY013881.D
Acq: 25 May 2023 18:20

Tgt Ion: 84 Resp: 3797
Ion Ratio Lower Upper
84 100
49 127.8 106.2 159.2
51 30.4 31.4 47.0#
86 55.8 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 46.008 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY013881.D

Acq: 25 May 2023 18:20

Instrument :

MSVOA_Y

ClientSampleId :

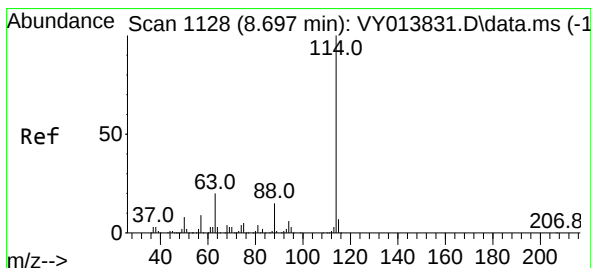
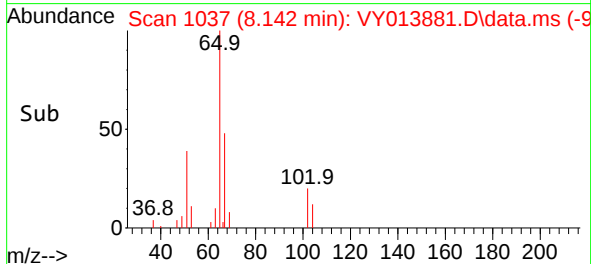
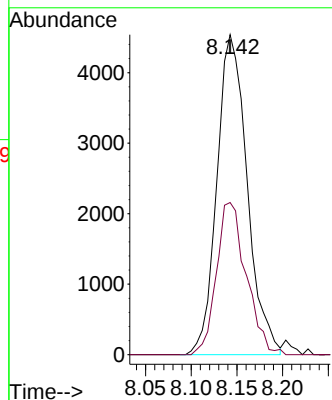
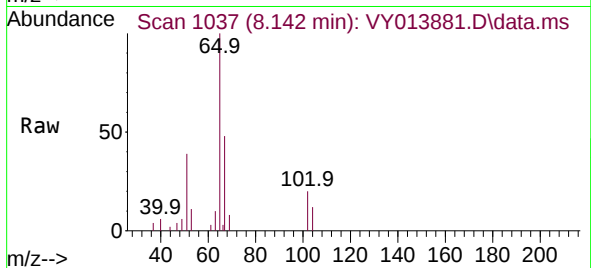
SB13RE

Tgt Ion: 65 Resp: 10467

Ion Ratio Lower Upper

65 100

67 46.7 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY013881.D

Acq: 25 May 2023 18:20

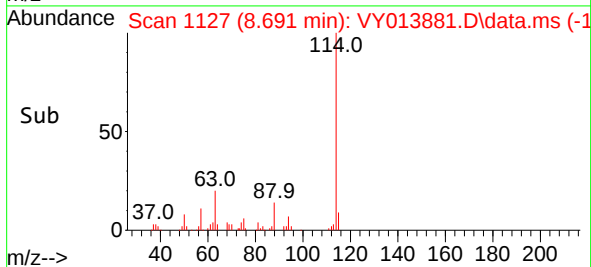
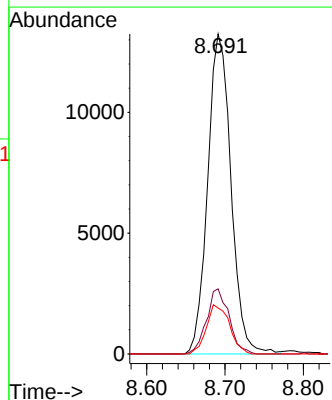
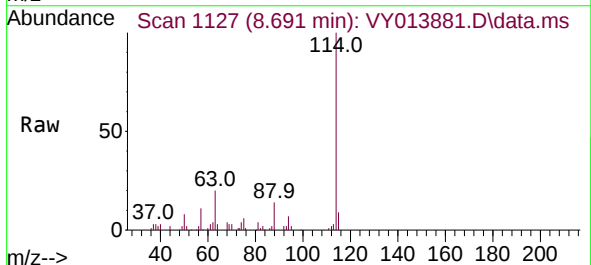
Tgt Ion: 114 Resp: 27420

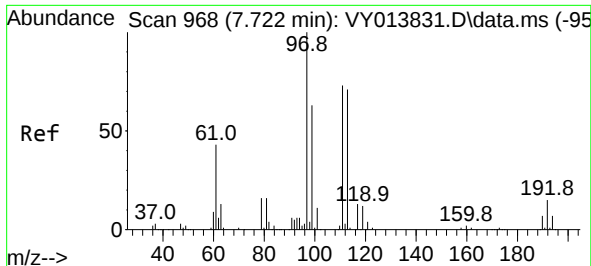
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.2

88 14.3 0.0 30.0

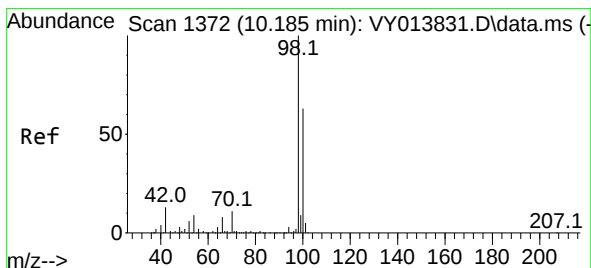
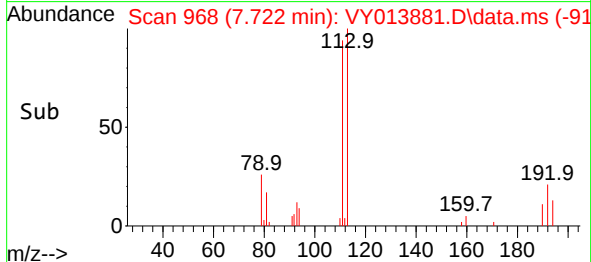
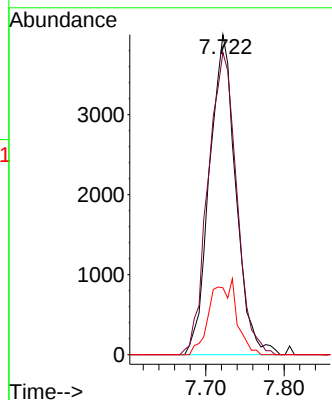
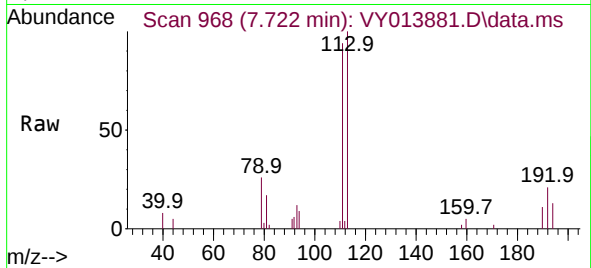




#35
Dibromofluoromethane
Concen: 52.801 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013881.D
Acq: 25 May 2023 18:20

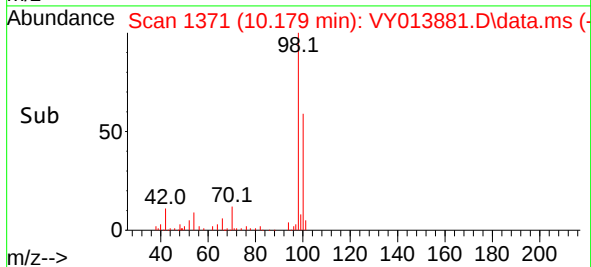
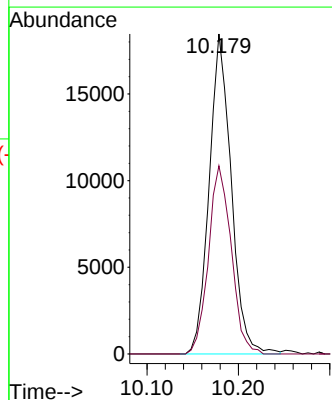
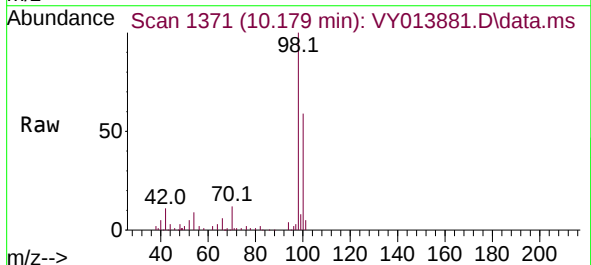
Instrument :
MSVOA_Y
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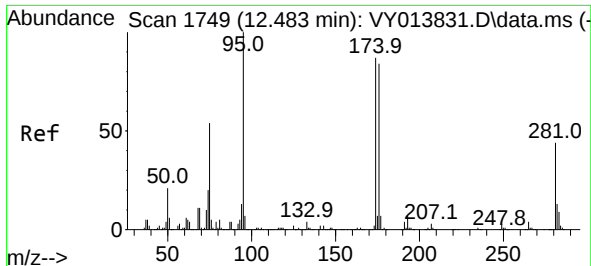
Tgt Ion:113 Resp: 9350
Ion Ratio Lower Upper
113 100
111 102.4 80.4 120.6
192 23.7 16.6 25.0



#50
Toluene-d8
Concen: 45.902 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013881.D
Acq: 25 May 2023 18:20

Tgt Ion: 98 Resp: 30893
Ion Ratio Lower Upper
98 100
100 60.6 50.8 76.2

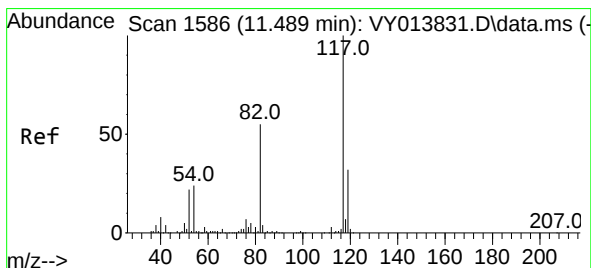
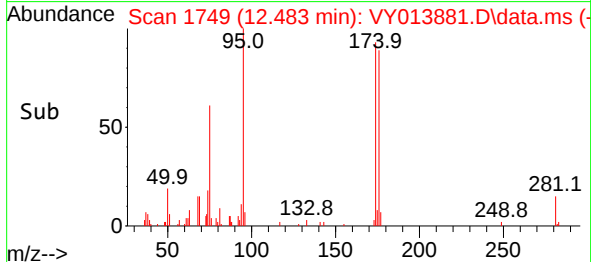
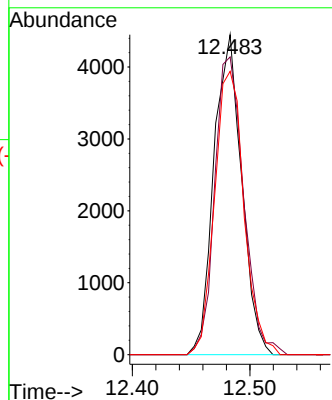
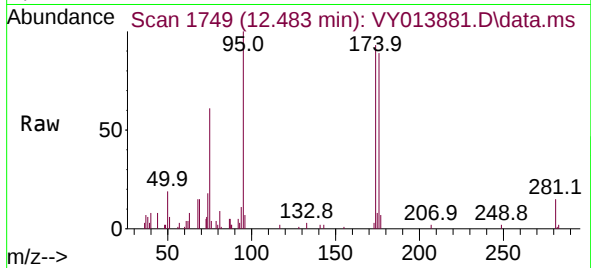




#62
4-Bromofluorobenzene
Concen: 32.533 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013881.D
Acq: 25 May 2023 18:20

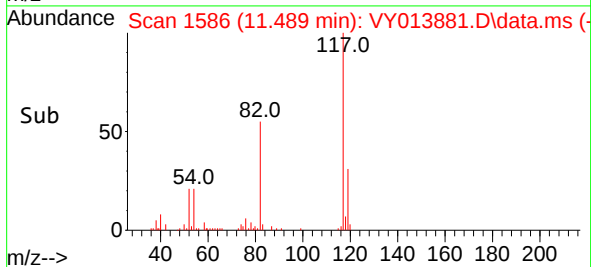
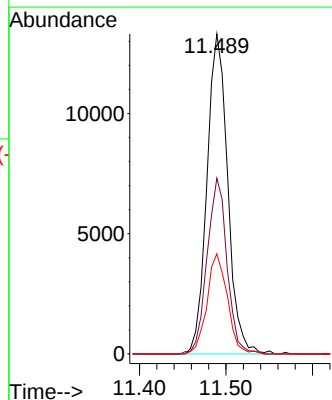
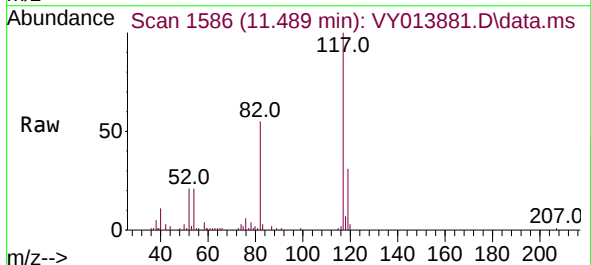
Instrument :
MSVOA_Y
ClientSampleId :
SB13RE

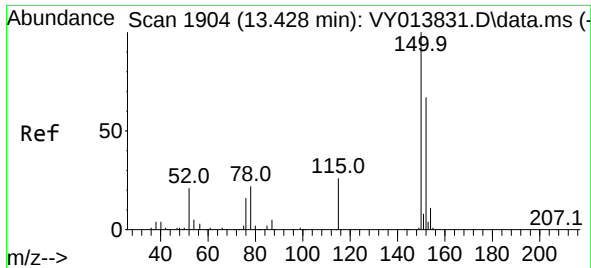
Tgt Ion: 95 Resp: 7278
Ion Ratio Lower Upper
95 100
174 97.6 0.0 176.0
176 93.9 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013881.D
Acq: 25 May 2023 18:20

Tgt Ion: 117 Resp: 22166
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.4
119 31.3 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013881.D

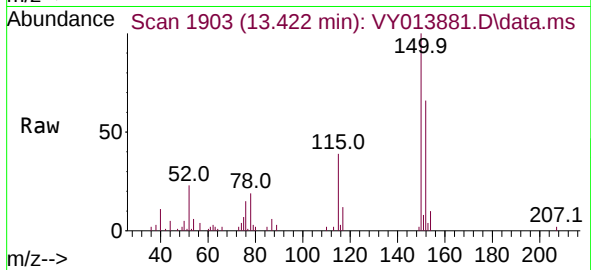
Acq: 25 May 2023 18:20

Instrument :

MSVOA_Y

ClientSampleId :

SB13RE



Tgt Ion:152 Resp: 7593

Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.5

150 161.4 0.0 353.4

