

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013858.D
 Acq On : 24 May 2023 19:52
 Operator : KP/MD
 Sample : 02908-07
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB13

Quant Time: May 25 07:10:24 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)

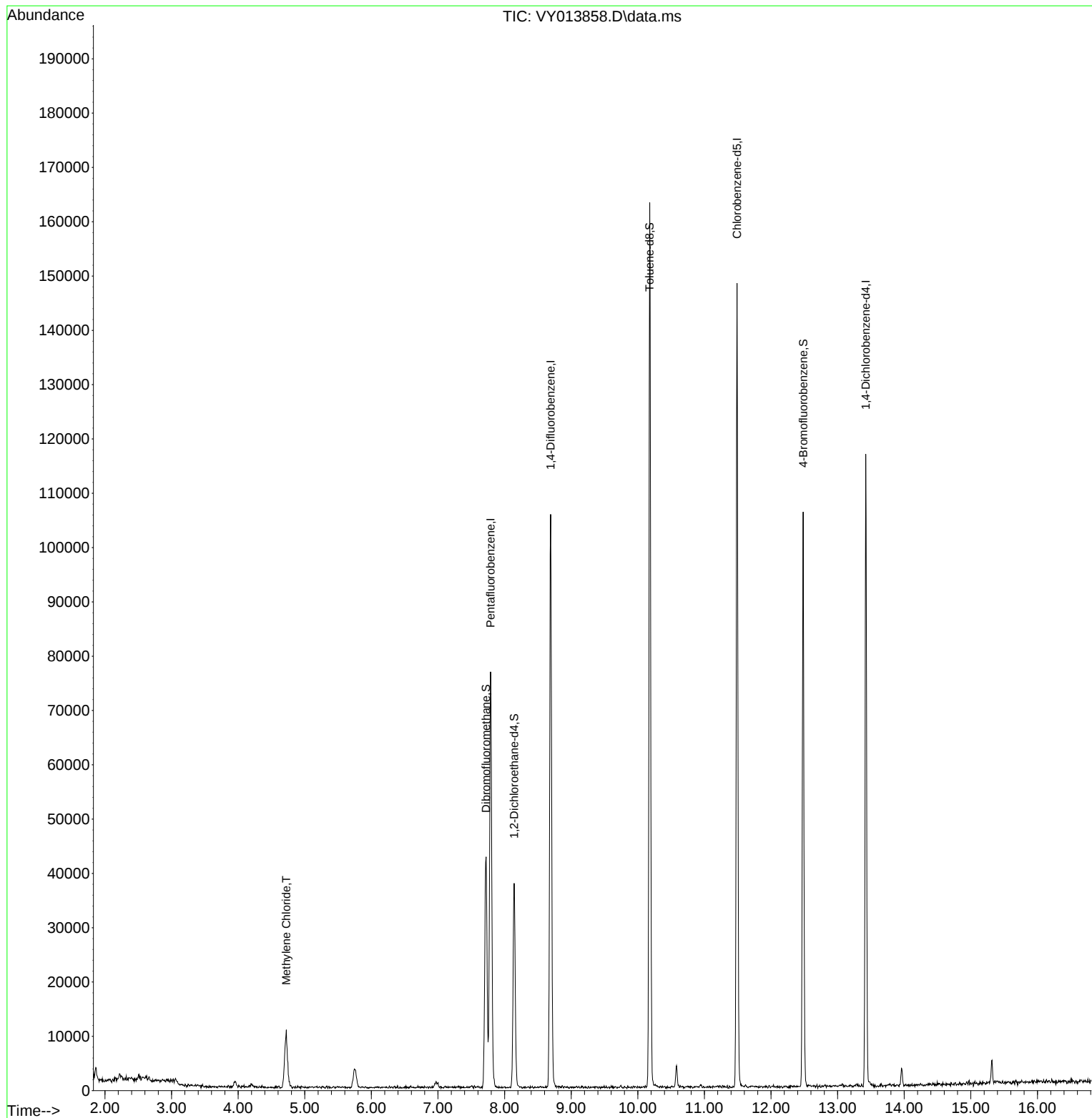
Internal Standards						
1) Pentafluorobenzene	7.789	168	59828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	88330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	78048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	30560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	30544	44.129	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.260%
35) Dibromofluoromethane	7.722	113	29748	52.149	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.300%
50) Toluene-d8	10.179	98	105047	48.452	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.900%
62) 4-Bromofluorobenzene	12.483	95	27352	37.954	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.900%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.722	84	7243	7.800	ug/l	98

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

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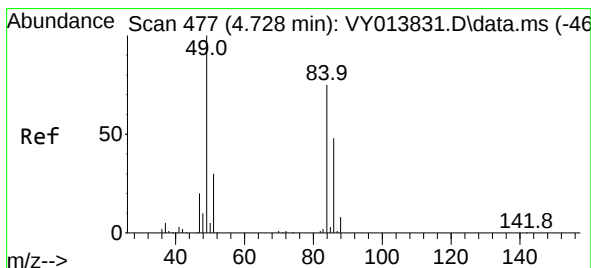
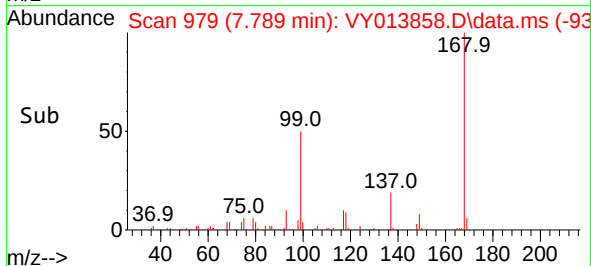
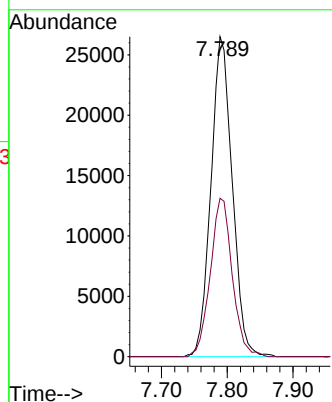
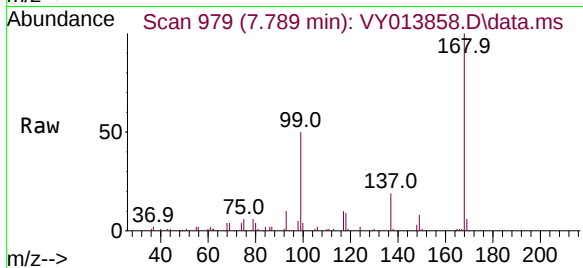




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013858.D
Acq: 24 May 2023 19:52

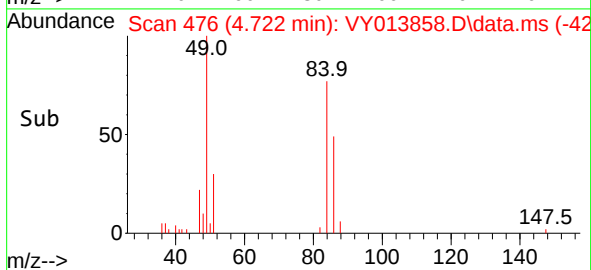
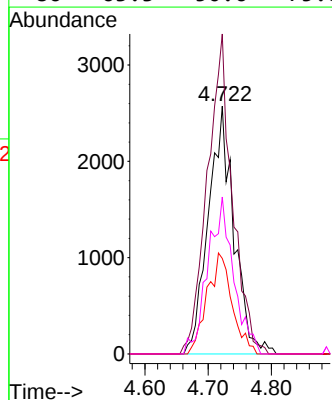
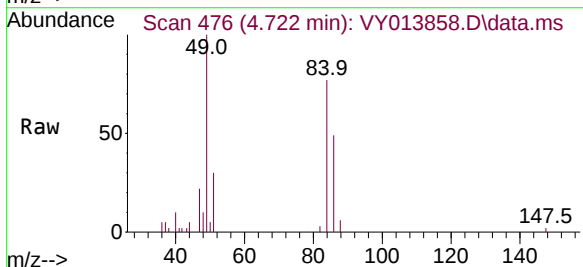
Instrument :
MSVOA_Y
ClientSampleId :
SB13

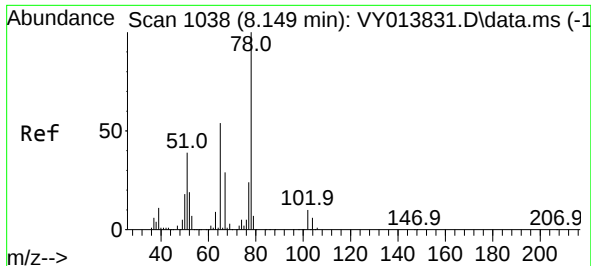
Tgt Ion:168 Resp: 59828
Ion Ratio Lower Upper
168 100
99 49.5 43.4 65.2



#20
Methylene Chloride
Concen: 7.800 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY013858.D
Acq: 24 May 2023 19:52

Tgt Ion: 84 Resp: 7243
Ion Ratio Lower Upper
84 100
49 129.1 106.2 159.2
51 38.5 31.4 47.0
86 63.3 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 44.129 ug/l

RT: 8.143 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY013858.D

Acq: 24 May 2023 19:52

Instrument :

MSVOA_Y

ClientSampleId :

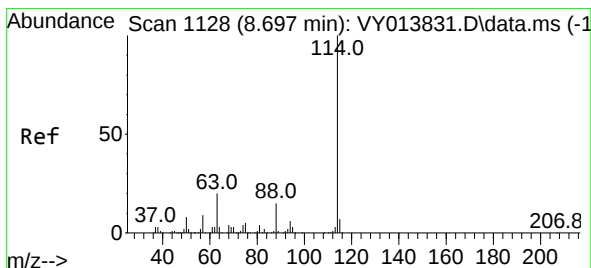
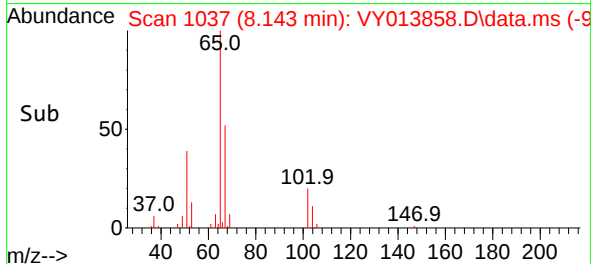
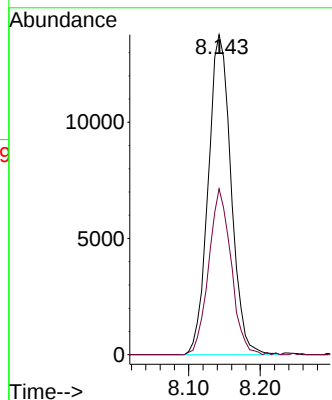
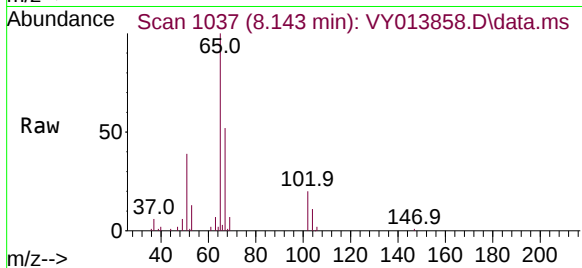
SB13

Tgt Ion: 65 Resp: 30544

Ion Ratio Lower Upper

65 100

67 50.7 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: VY013858.D

Acq: 24 May 2023 19:52

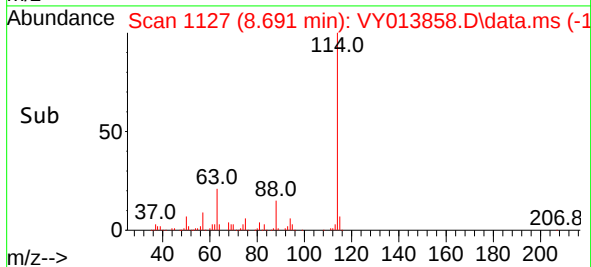
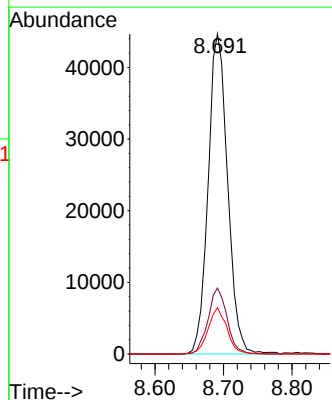
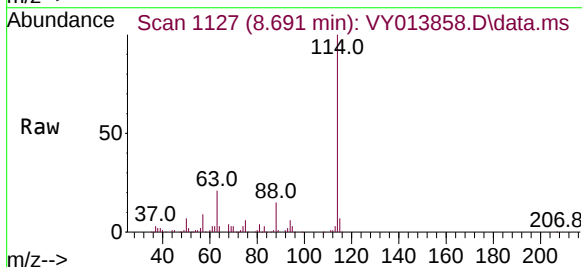
Tgt Ion: 114 Resp: 88330

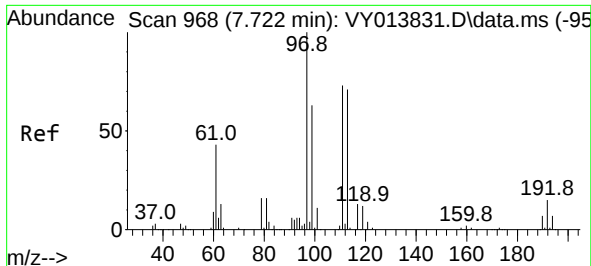
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

88 14.5 0.0 30.0

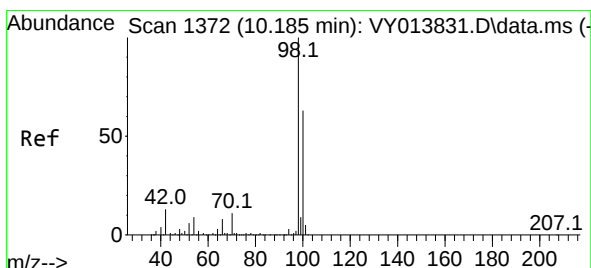
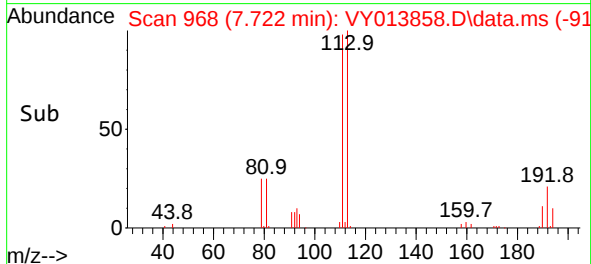
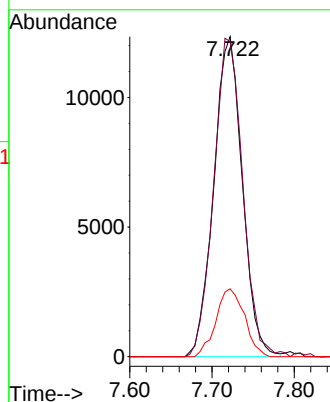
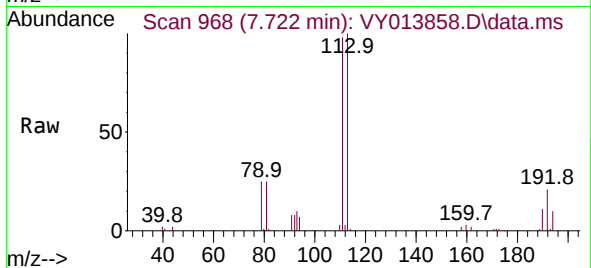




#35
Dibromofluoromethane
Concen: 52.149 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013858.D
Acq: 24 May 2023 19:52

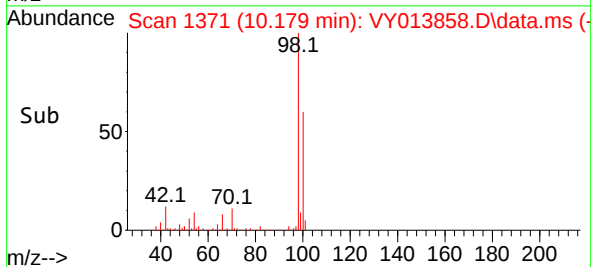
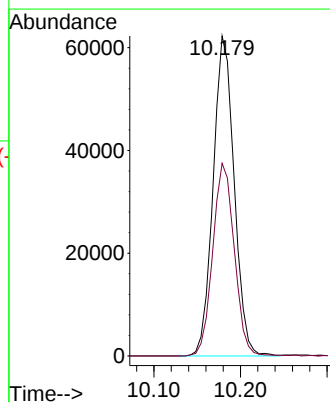
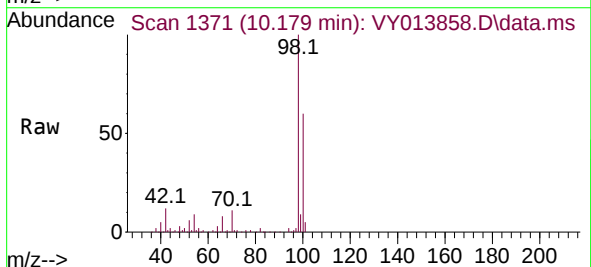
Instrument :
MSVOA_Y
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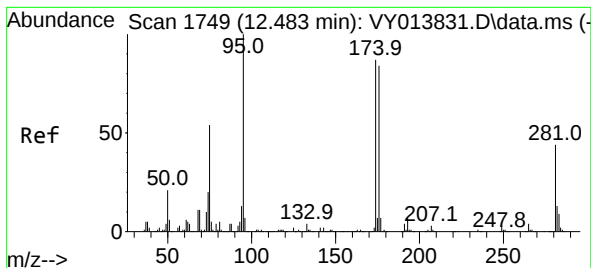
Tgt Ion:113 Resp: 29748
Ion Ratio Lower Upper
113 100
111 101.4 80.4 120.6
192 21.2 16.6 25.0



#50
Toluene-d8
Concen: 48.452 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013858.D
Acq: 24 May 2023 19:52

Tgt Ion: 98 Resp: 105047
Ion Ratio Lower Upper
98 100
100 61.6 50.8 76.2

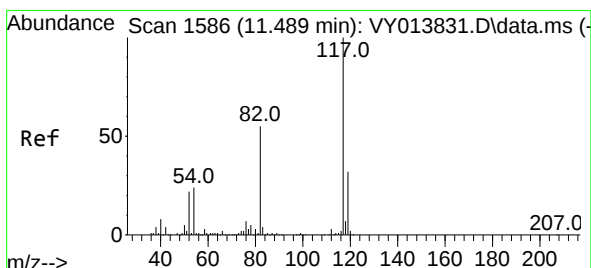
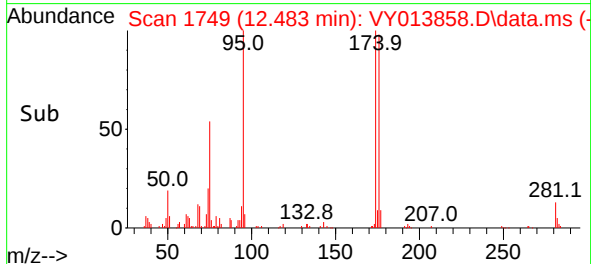
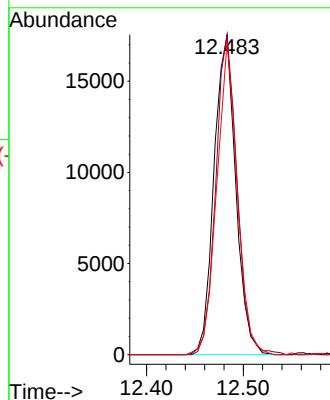
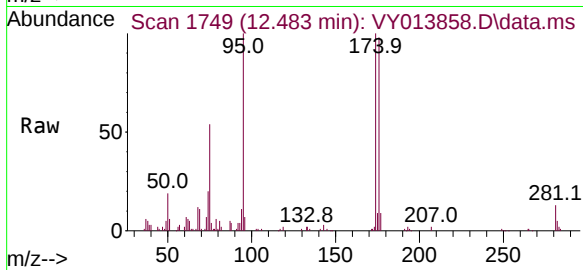




#62
4-Bromofluorobenzene
Concen: 37.954 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013858.D
Acq: 24 May 2023 19:52

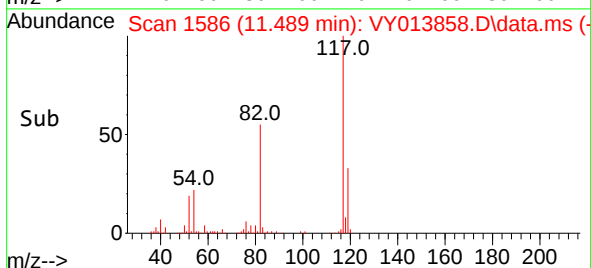
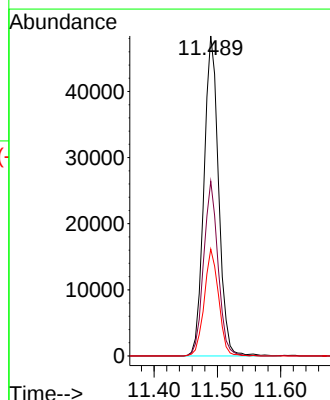
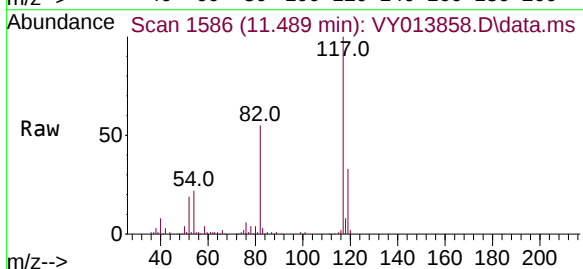
Instrument :
MSVOA_Y
ClientSampleId :
SB13

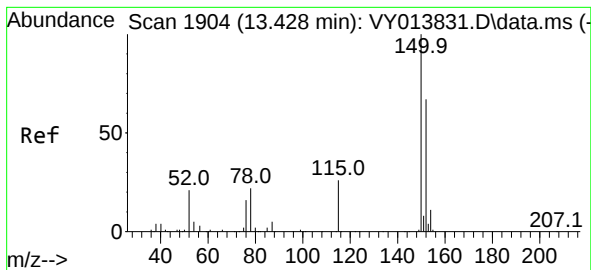
Tgt Ion: 95 Resp: 27352
Ion Ratio Lower Upper
95 100
174 97.9 0.0 176.0
176 92.4 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013858.D
Acq: 24 May 2023 19:52

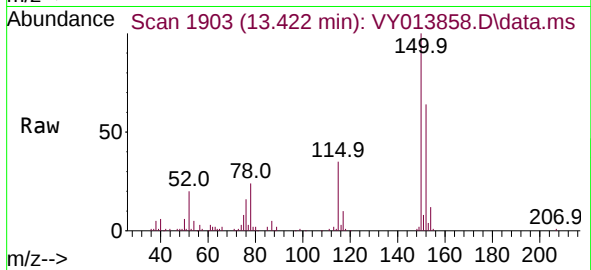
Tgt Ion: 117 Resp: 78048
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.4
119 33.4 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY013858.D
 Acq: 24 May 2023 19:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB13



Tgt Ion:152 Resp: 30560
 Ion Ratio Lower Upper
 152 100
 115 53.6 28.8 86.5
 150 155.2 0.0 353.4

