

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
 Data File : VY013497.D
 Acq On : 27 Apr 2023 17:16
 Operator : KP/MD
 Sample : 02470-05RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-9.5-10.0RE

Quant Time: Apr 28 01:32:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	134593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	217452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	201692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	81534	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	95279	64.577	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.160%
35) Dibromofluoromethane	7.710	113	78404	57.327	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.660%
50) Toluene-d8	10.179	98	262533	53.959	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.920%
62) 4-Bromofluorobenzene	12.477	95	76890	46.877	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.760%

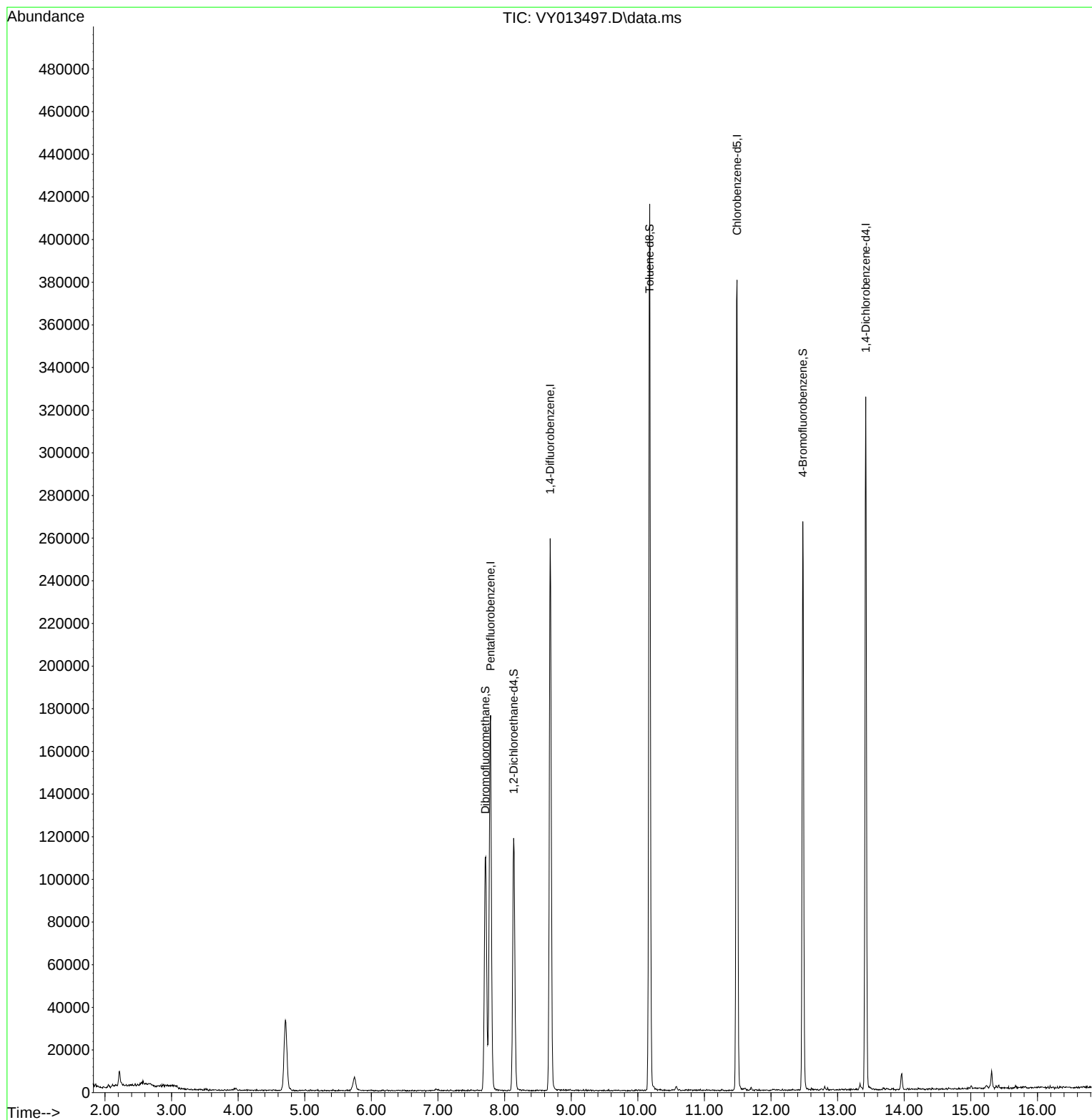
Target Compounds	Qvalue

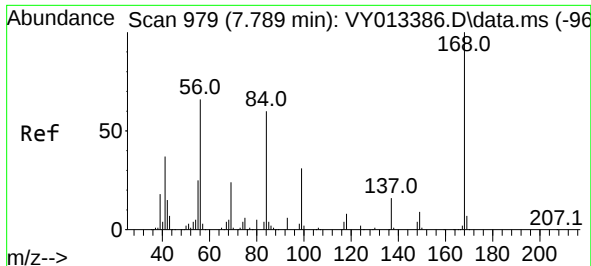
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
Data File : VY013497.D
Acq On : 27 Apr 2023 17:16
Operator : KP/MD
Sample : 02470-05RE
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-06-9.5-10.0RE

Quant Time: Apr 28 01:32:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

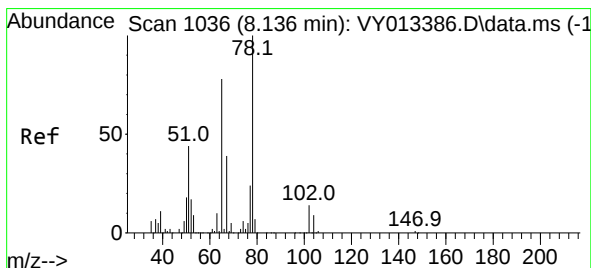
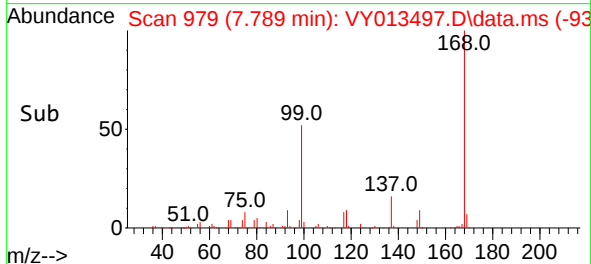
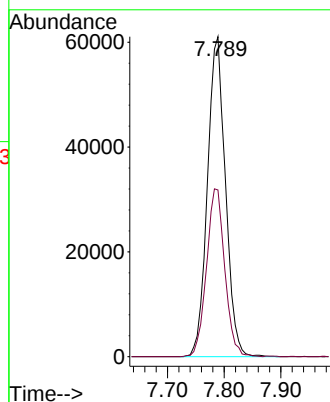
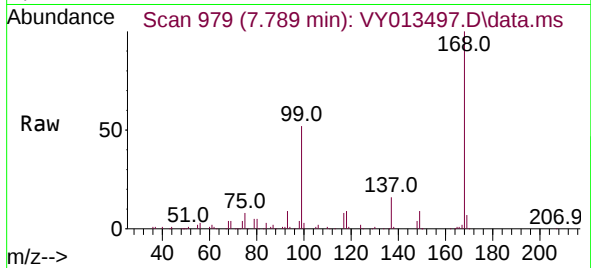




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013497.D
Acq: 27 Apr 2023 17:16

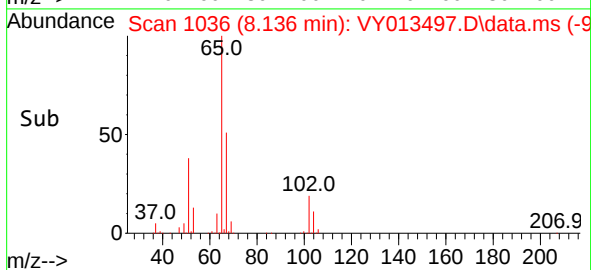
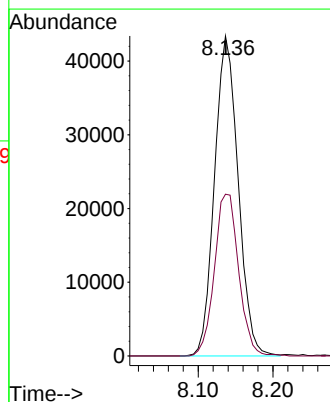
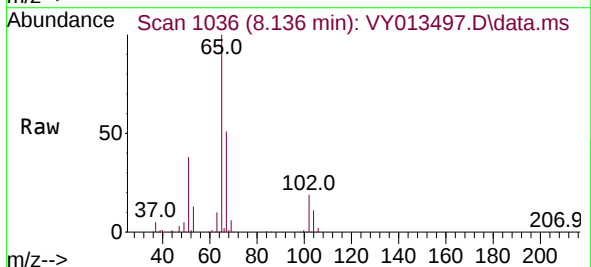
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-9.5-10.0RE

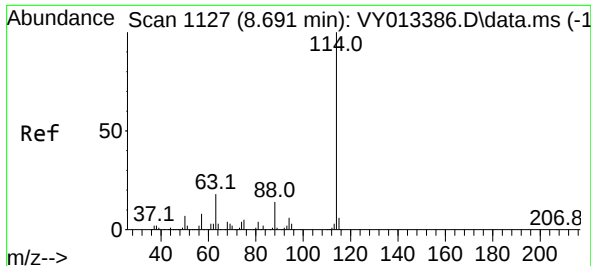
Tgt Ion:168 Resp: 134593
Ion Ratio Lower Upper
168 100
99 52.1 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 64.577 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013497.D
Acq: 27 Apr 2023 17:16

Tgt Ion: 65 Resp: 95279
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013497.D

Acq: 27 Apr 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

SB-06-9.5-10.0RE

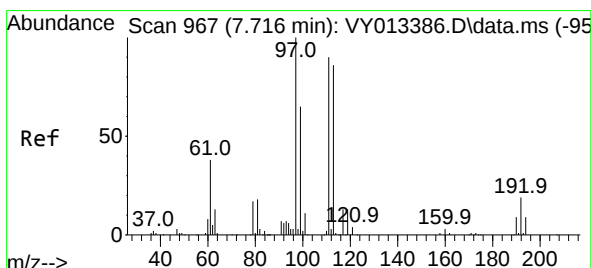
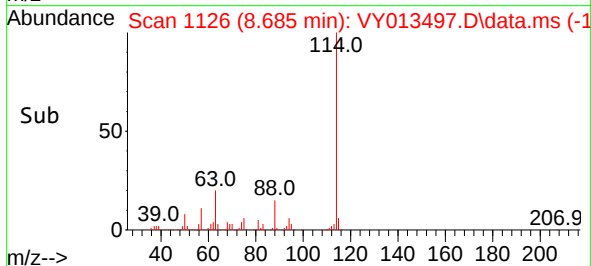
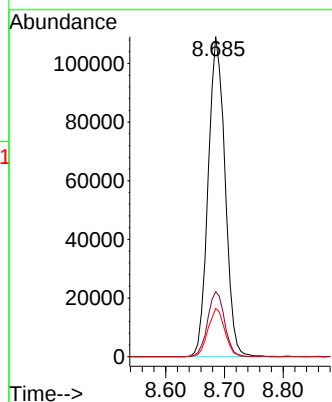
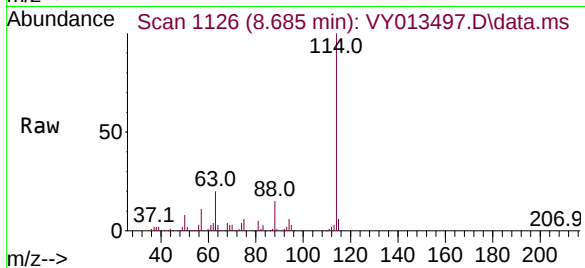
Tgt Ion:114 Resp: 217452

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.6

88 15.0 0.0 28.8



#35

Dibromofluoromethane

Concen: 57.327 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013497.D

Acq: 27 Apr 2023 17:16

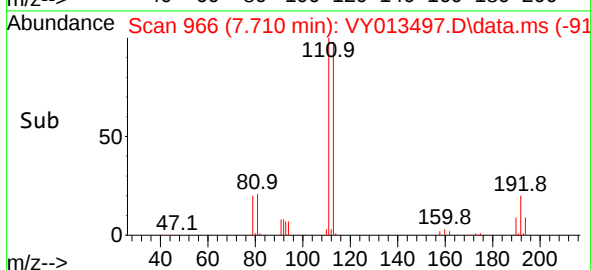
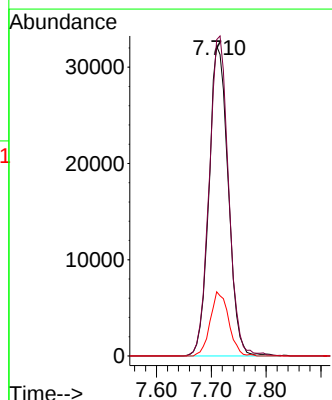
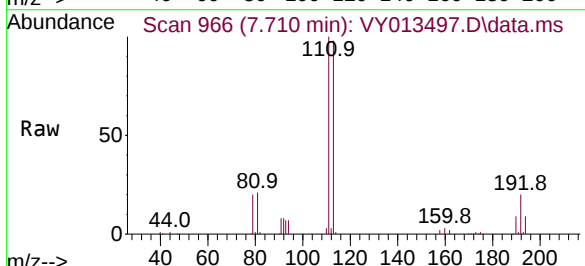
Tgt Ion:113 Resp: 78404

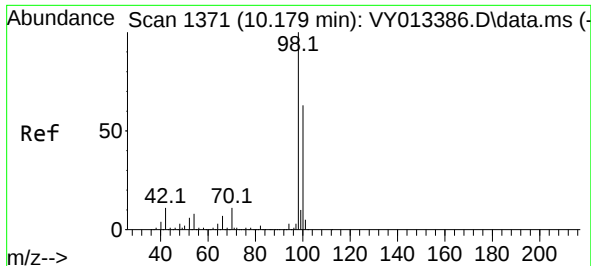
Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.2

192 19.9 16.7 25.1

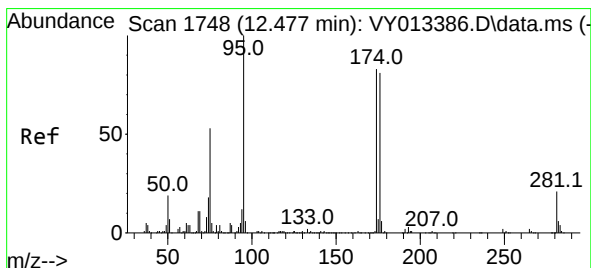
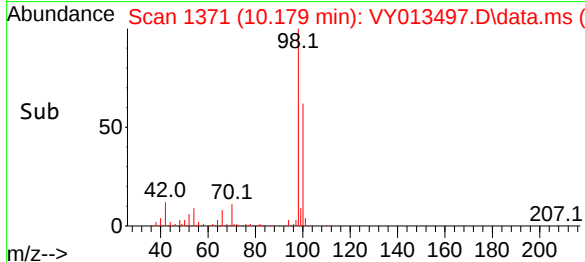
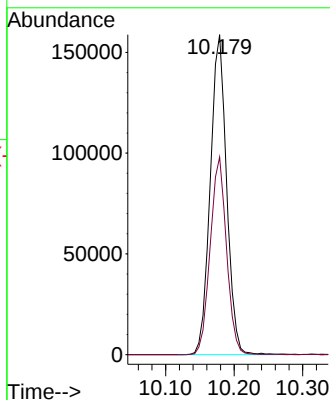
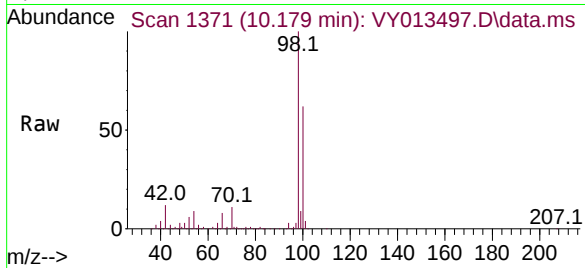




#50
Toluene-d8
Concen: 53.959 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013497.D
Acq: 27 Apr 2023 17:16

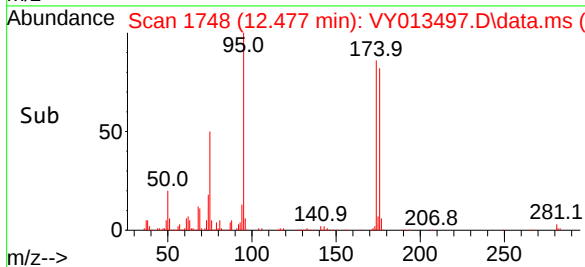
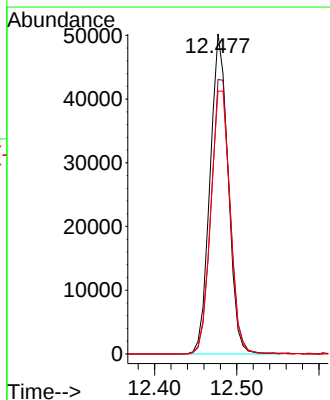
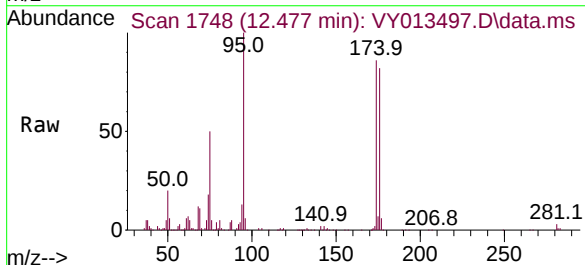
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-9.5-10.0RE

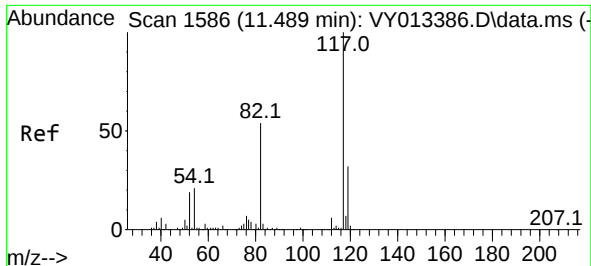
Tgt Ion: 98 Resp: 262533
Ion Ratio Lower Upper
98 100
100 61.9 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 46.877 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013497.D
Acq: 27 Apr 2023 17:16

Tgt Ion: 95 Resp: 76890
Ion Ratio Lower Upper
95 100
174 89.2 0.0 182.0
176 87.6 0.0 175.4

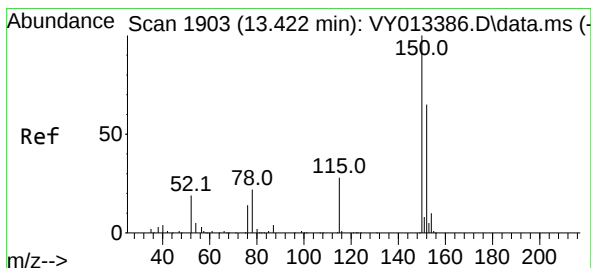
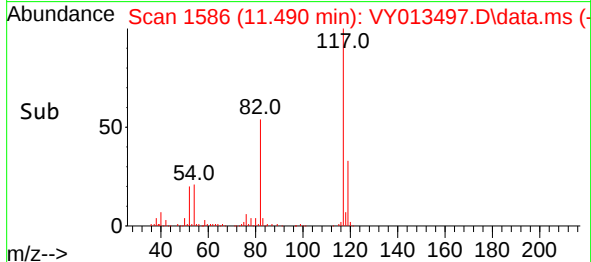
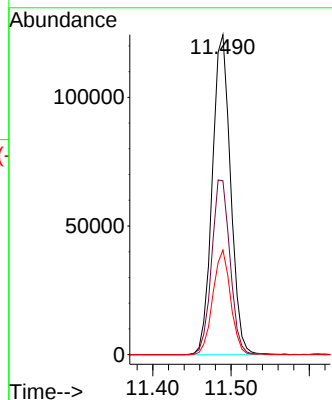
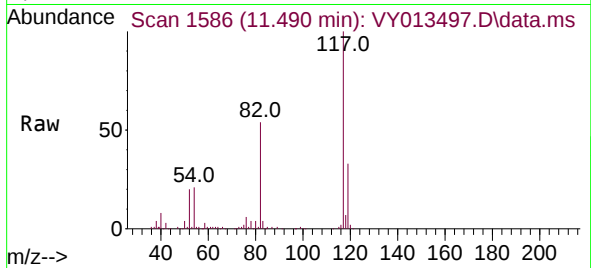




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY013497.D
Acq: 27 Apr 2023 17:16

Instrument :
MSVOA_Y
ClientSampleId :
SB-06-9.5-10.0RE

Tgt Ion:117 Resp: 201692
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.6
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013497.D
Acq: 27 Apr 2023 17:16

Tgt Ion:152 Resp: 81534
Ion Ratio Lower Upper
152 100
115 57.4 28.1 84.2
150 157.1 0.0 352.0

