

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
 Data File : VY013455.D
 Acq On : 25 Apr 2023 18:37
 Operator : KP/MD
 Sample : 02470-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-9.5-10.0

Quant Time: Apr 26 02:53:27 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	162053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	275495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	263202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	118869	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	113799	64.059	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.120%
35) Dibromofluoromethane	7.716	113	98026	56.573	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.140%
50) Toluene-d8	10.179	98	339243	55.036	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.080%
62) 4-Bromofluorobenzene	12.483	95	105793	50.910	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.820%

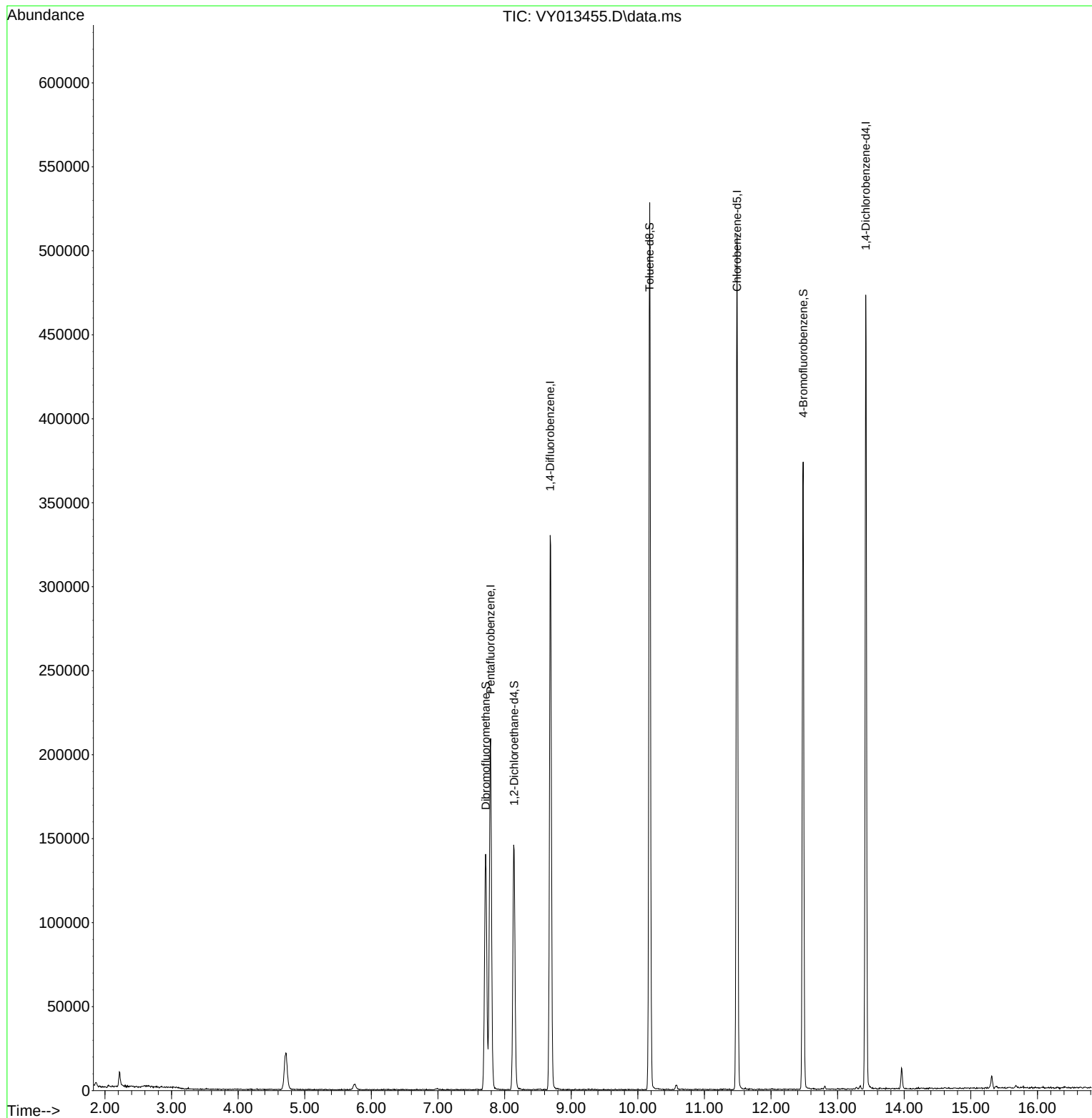
Target Compounds	Qvalue

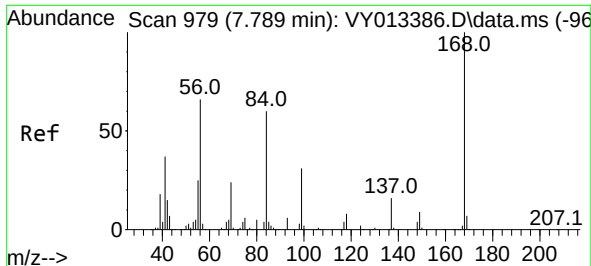
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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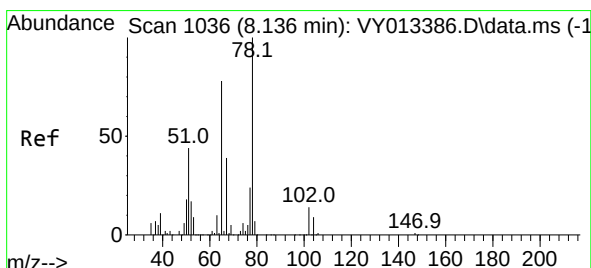
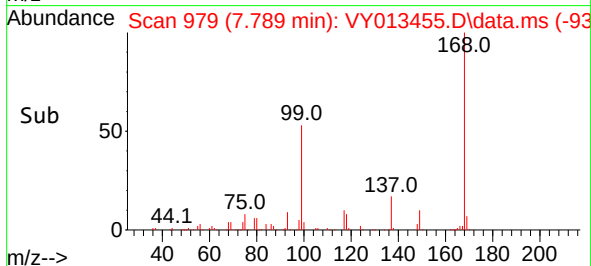
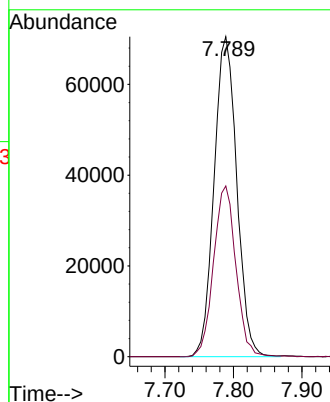
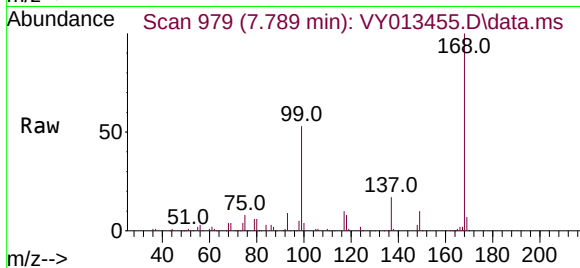




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013455.D
Acq: 25 Apr 2023 18:37

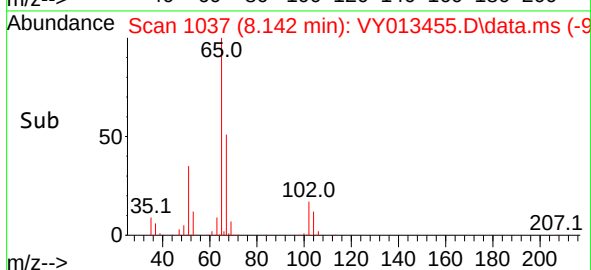
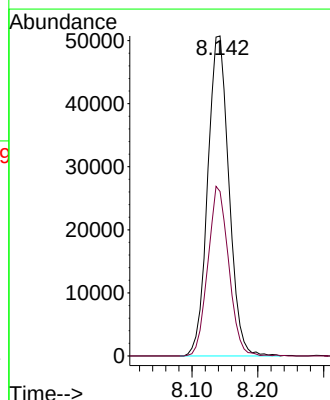
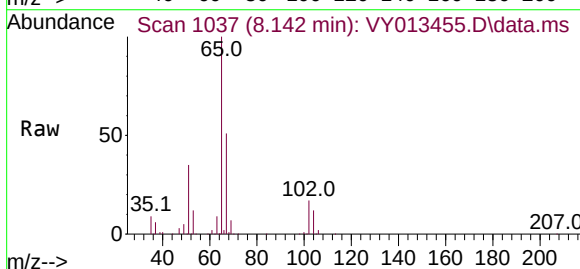
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-9.5-10.0

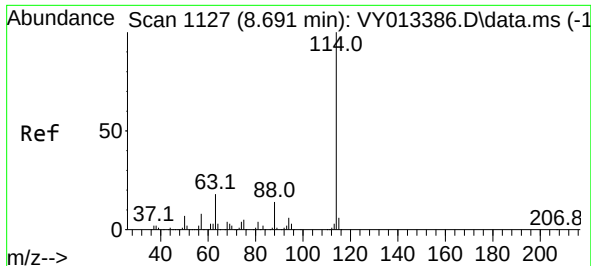
Tgt Ion:168 Resp: 162053
Ion Ratio Lower Upper
168 100
99 53.3 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 64.059 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013455.D
Acq: 25 Apr 2023 18:37

Tgt Ion: 65 Resp: 113799
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4

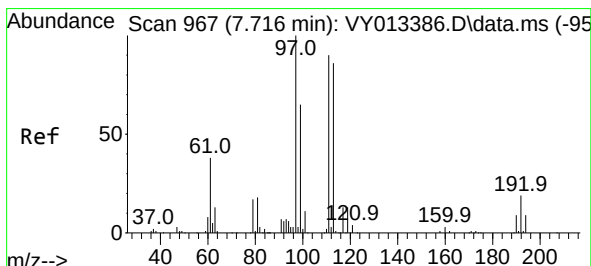
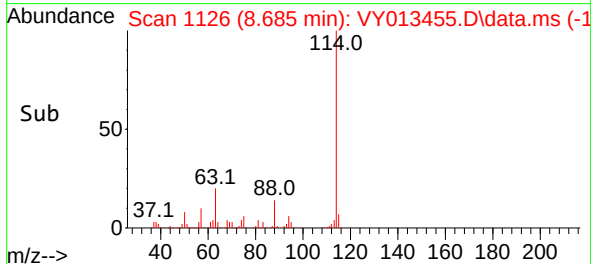
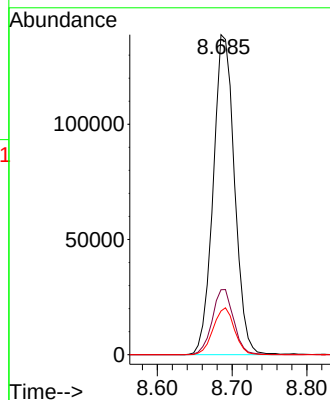
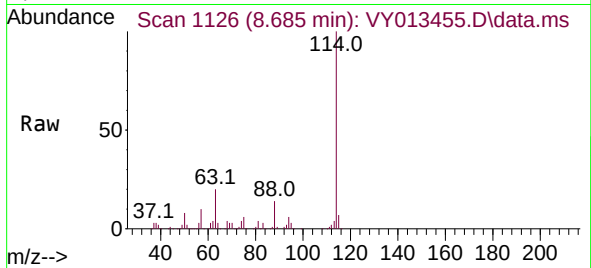




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013455.D
Acq: 25 Apr 2023 18:37

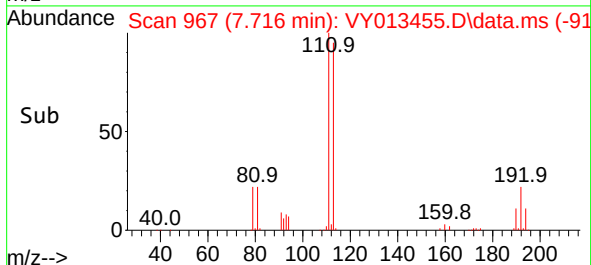
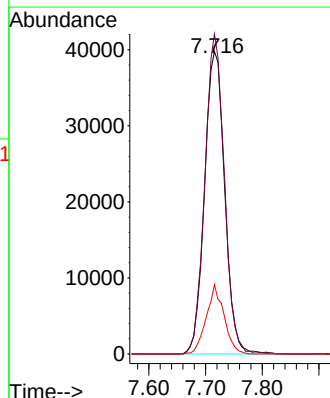
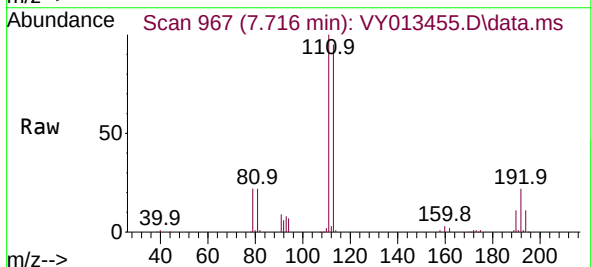
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-9.5-10.0

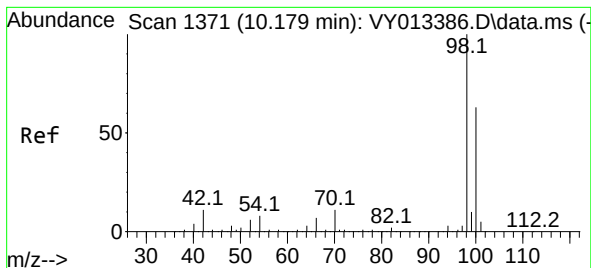
Tgt Ion:114 Resp: 275495
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.6
88 13.7 0.0 28.8



#35
Dibromofluoromethane
Concen: 56.573 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013455.D
Acq: 25 Apr 2023 18:37

Tgt Ion:113 Resp: 98026
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 20.2 16.7 25.1





#50

Toluene-d8

Concen: 55.036 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013455.D

Acq: 25 Apr 2023 18:37

Instrument :

MSVOA_Y

ClientSampleId :

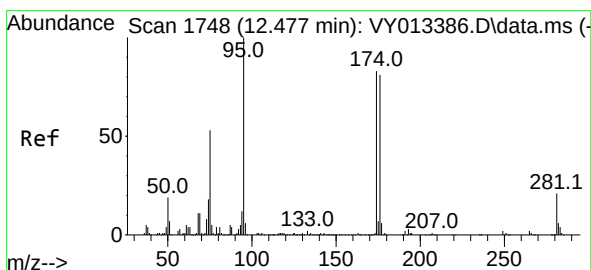
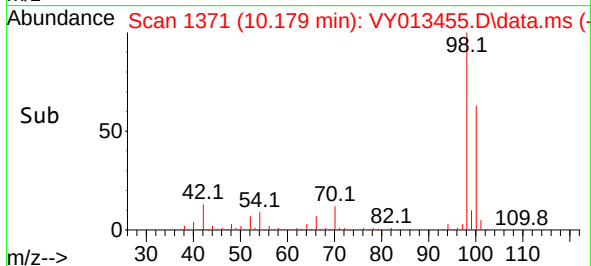
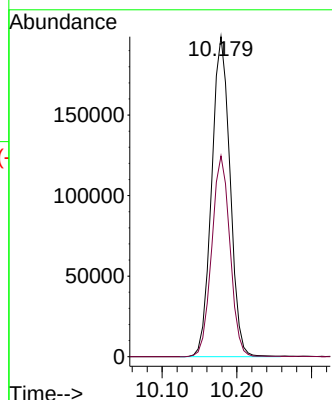
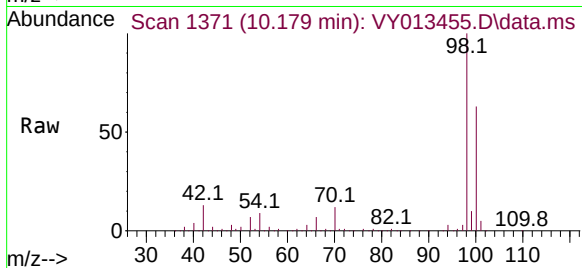
SB-02-9.5-10.0

Tgt Ion: 98 Resp: 339243

Ion Ratio Lower Upper

98 100

100 62.2 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 50.910 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY013455.D

Acq: 25 Apr 2023 18:37

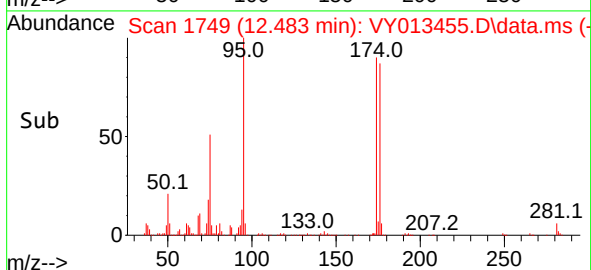
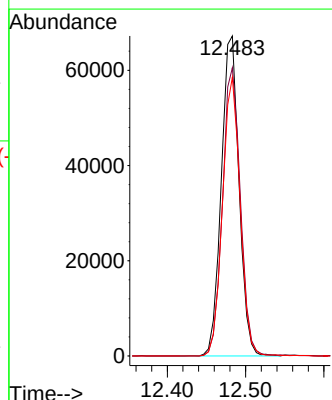
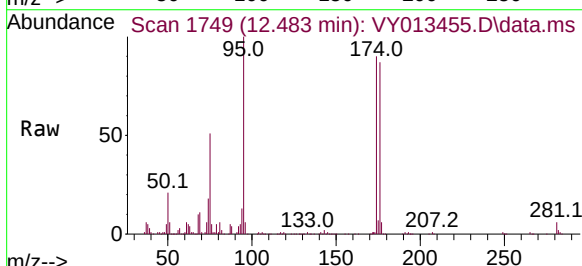
Tgt Ion: 95 Resp: 105793

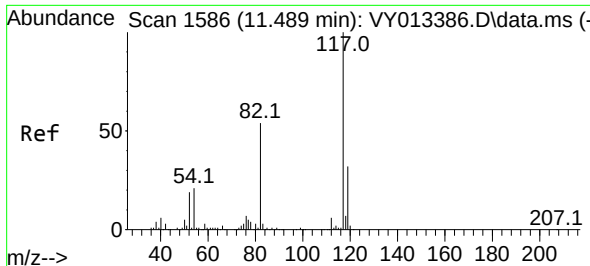
Ion Ratio Lower Upper

95 100

174 90.4 0.0 182.0

176 86.7 0.0 175.4

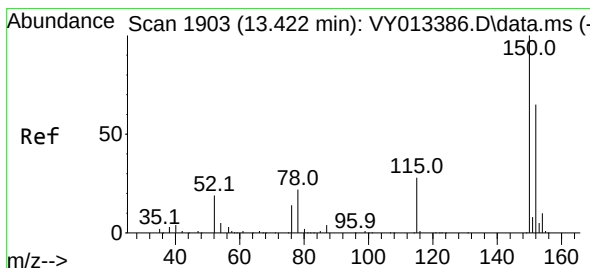
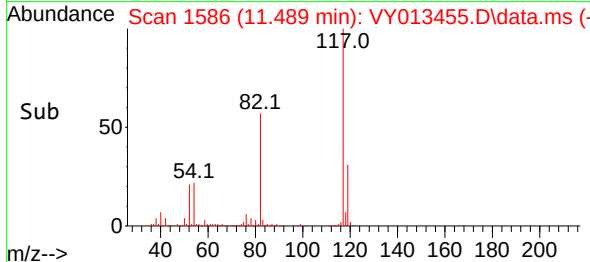
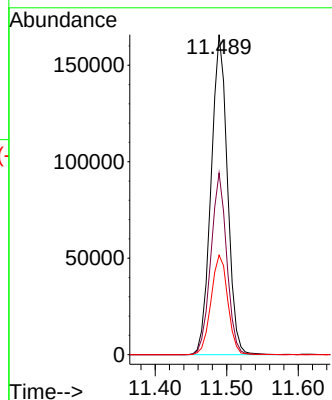
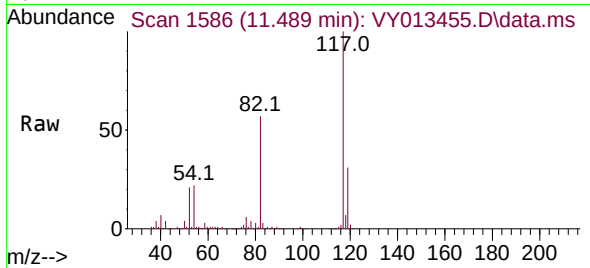




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013455.D
Acq: 25 Apr 2023 18:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-9.5-10.0

Tgt Ion:117 Resp: 263202
Ion Ratio Lower Upper
117 100
82 56.8 43.0 64.6
119 31.1 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: VY013455.D
Acq: 25 Apr 2023 18:37

Tgt Ion:152 Resp: 118869
Ion Ratio Lower Upper
152 100
115 56.4 28.1 84.2
150 156.5 0.0 352.0

