

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013410.D
 Acq On : 24 Apr 2023 19:00
 Operator : KP/MD
 Sample : 02371-09RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-20-8.0-8.5RE

Quant Time: Apr 25 03:17:26 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	47417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	68703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	61427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	22648	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	26625	51.222	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.440%
35) Dibromofluoromethane	7.716	113	24876	57.569	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.140%
50) Toluene-d8	10.179	98	82966	53.972	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.940%
62) 4-Bromofluorobenzene	12.483	95	20752	40.044	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.080%

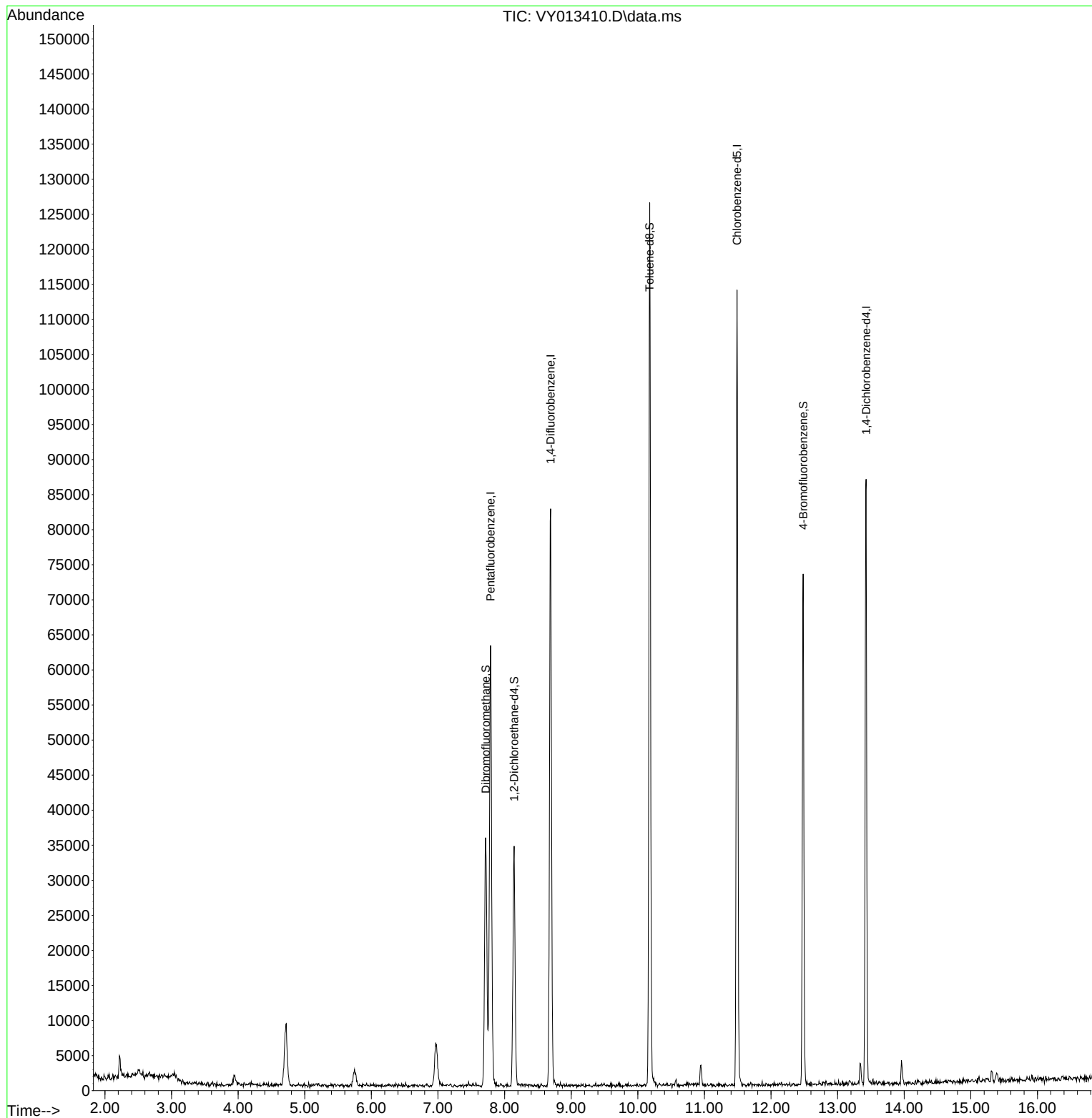
Target Compounds	Qvalue

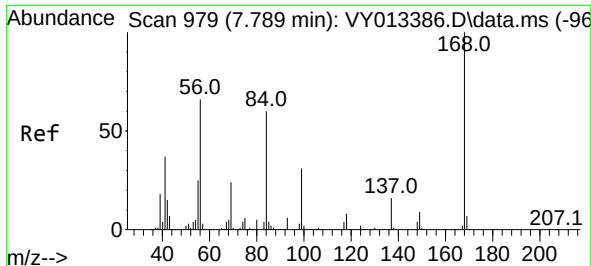
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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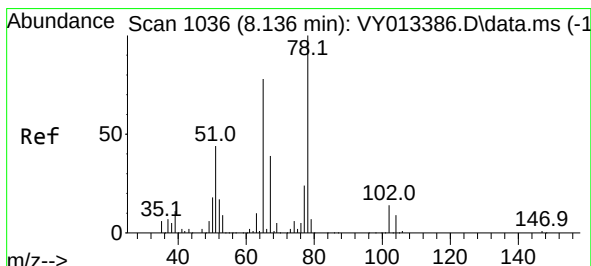
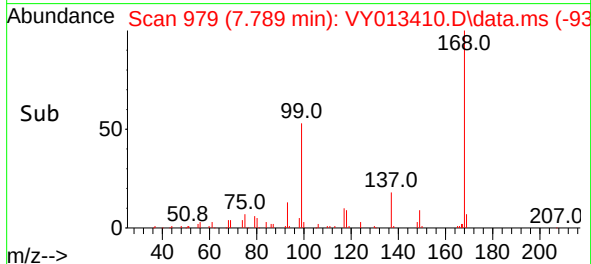
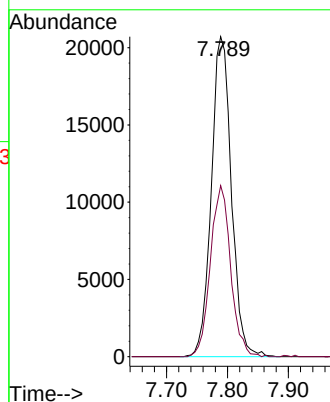
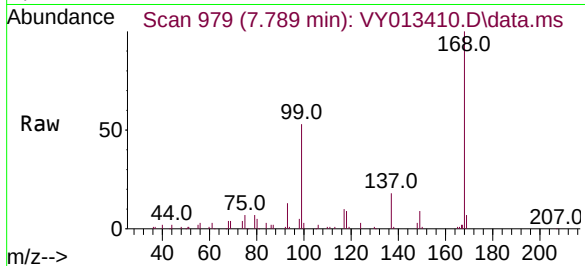




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013410.D
Acq: 24 Apr 2023 19:00

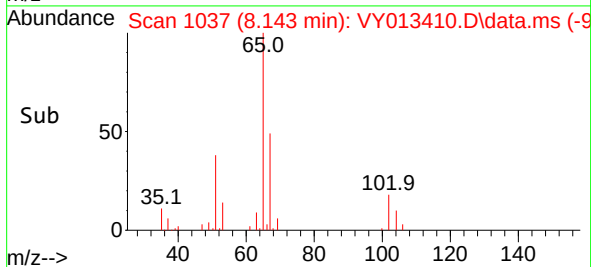
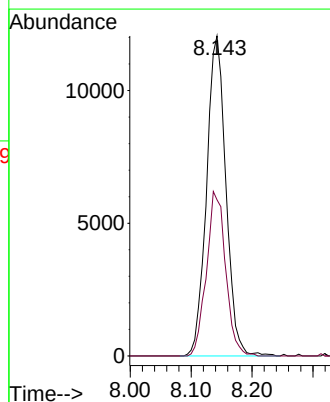
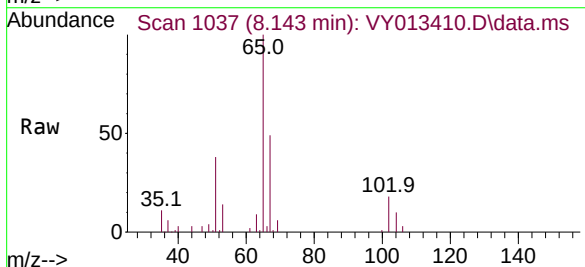
Instrument :
MSVOA_Y
ClientSampleId :
SB-20-8.0-8.5RE

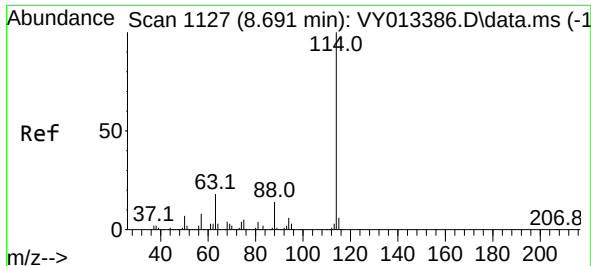
Tgt Ion:168 Resp: 47417
Ion Ratio Lower Upper
168 100
99 53.4 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 51.222 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013410.D
Acq: 24 Apr 2023 19:00

Tgt Ion: 65 Resp: 26625
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013410.D

Acq: 24 Apr 2023 19:00

Instrument :

MSVOA_Y

ClientSampleId :

SB-20-8.0-8.5RE

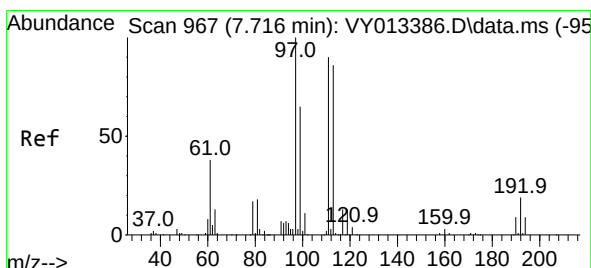
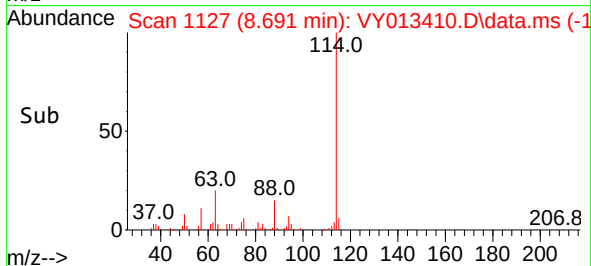
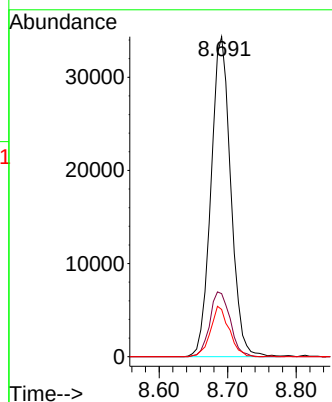
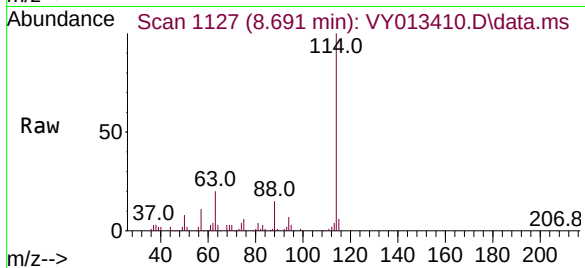
Tgt Ion:114 Resp: 68703

Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.6

88 14.7 0.0 28.8



#35

Dibromofluoromethane

Concen: 57.569 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013410.D

Acq: 24 Apr 2023 19:00

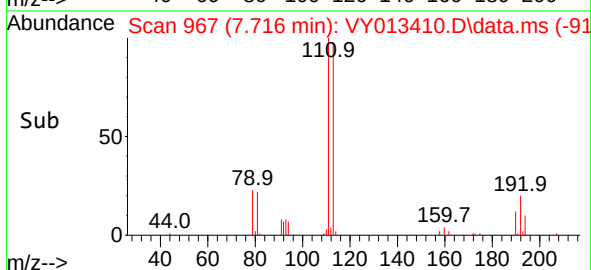
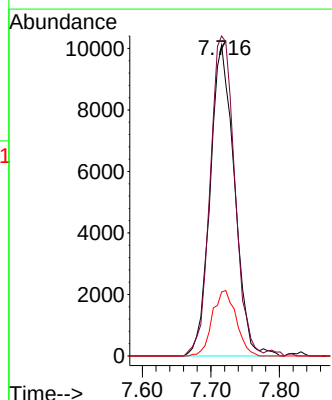
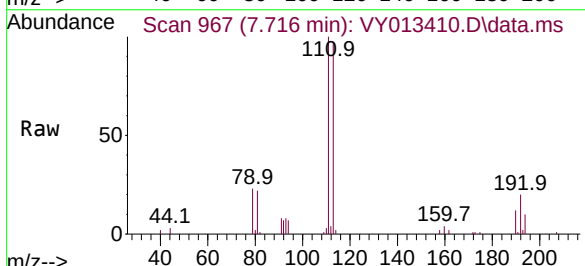
Tgt Ion:113 Resp: 24876

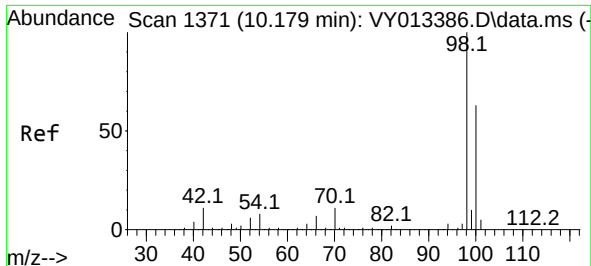
Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.2

192 20.6 16.7 25.1

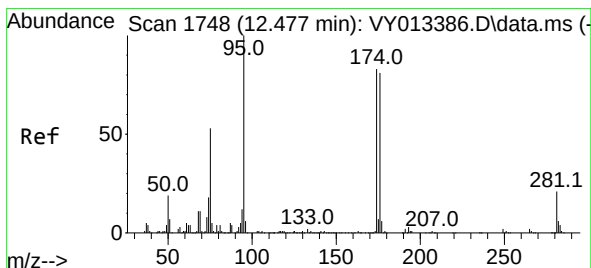
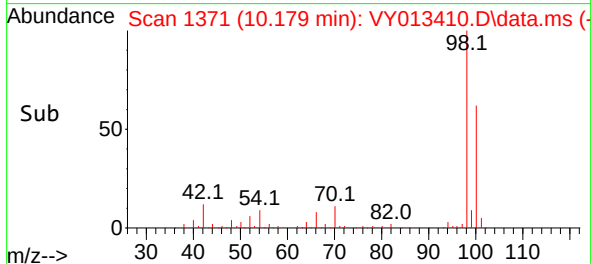
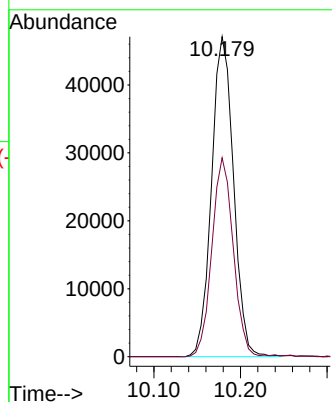
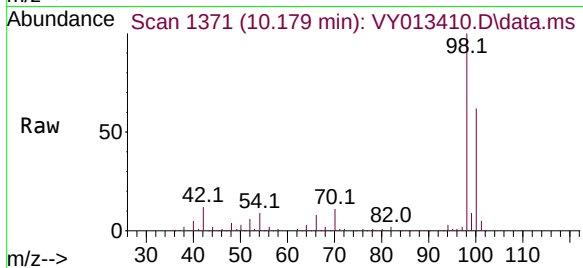




#50
Toluene-d8
Concen: 53.972 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013410.D
Acq: 24 Apr 2023 19:00

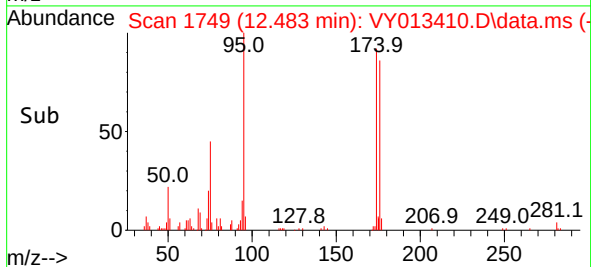
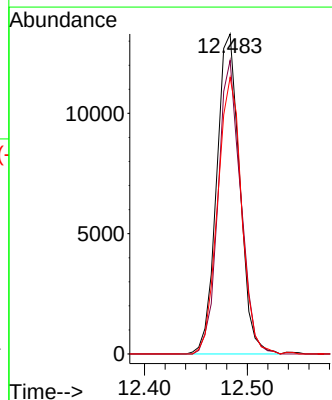
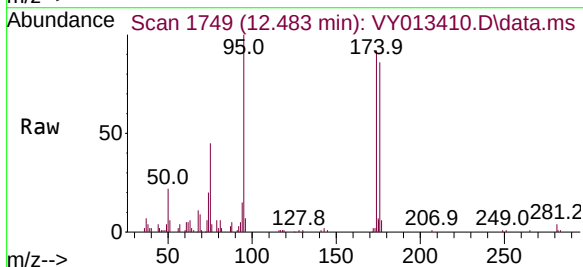
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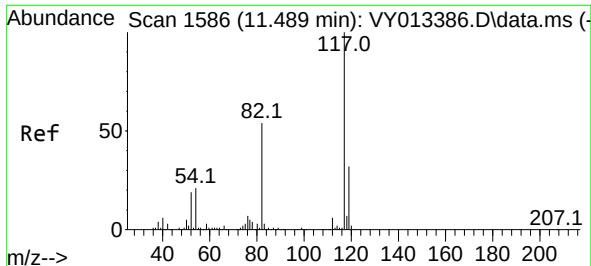
Tgt Ion: 98 Resp: 82966
Ion Ratio Lower Upper
98 100
100 60.9 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 40.044 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013410.D
Acq: 24 Apr 2023 19:00

Tgt Ion: 95 Resp: 20752
Ion Ratio Lower Upper
95 100
174 89.2 0.0 182.0
176 89.3 0.0 175.4

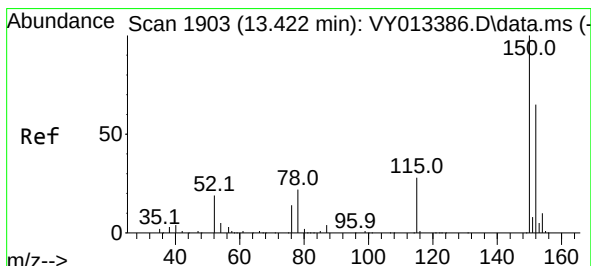
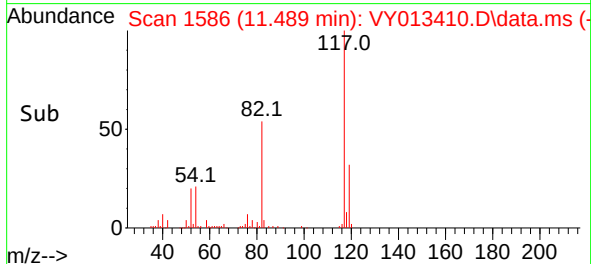
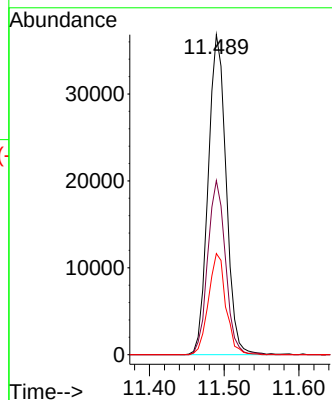
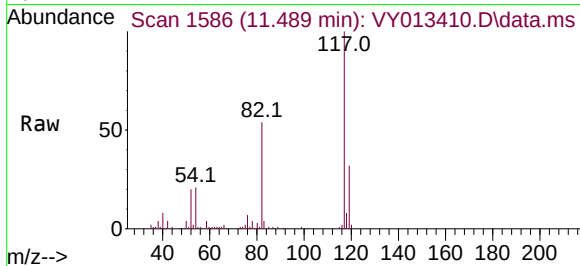




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013410.D
Acq: 24 Apr 2023 19:00

Instrument :
MSVOA_Y
ClientSampleId :
SB-20-8.0-8.5RE

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.0	64.6
119	31.6	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013410.D
Acq: 24 Apr 2023 19:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.1	84.2
150	158.5	0.0	352.0

