

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
 Data File : VY013505.D
 Acq On : 27 Apr 2023 20:24
 Operator : KP/MD
 Sample : 02491-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S2S-TP3RE

Quant Time: Apr 28 01:34:51 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	7335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	12966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	13894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5429	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	9404	116.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 233.900%#	
35) Dibromofluoromethane	7.710	113	6351	77.878	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 155.760%#	
50) Toluene-d8	10.179	98	15313	52.784	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.560%	
62) 4-Bromofluorobenzene	12.477	95	5370	54.907	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.820%	

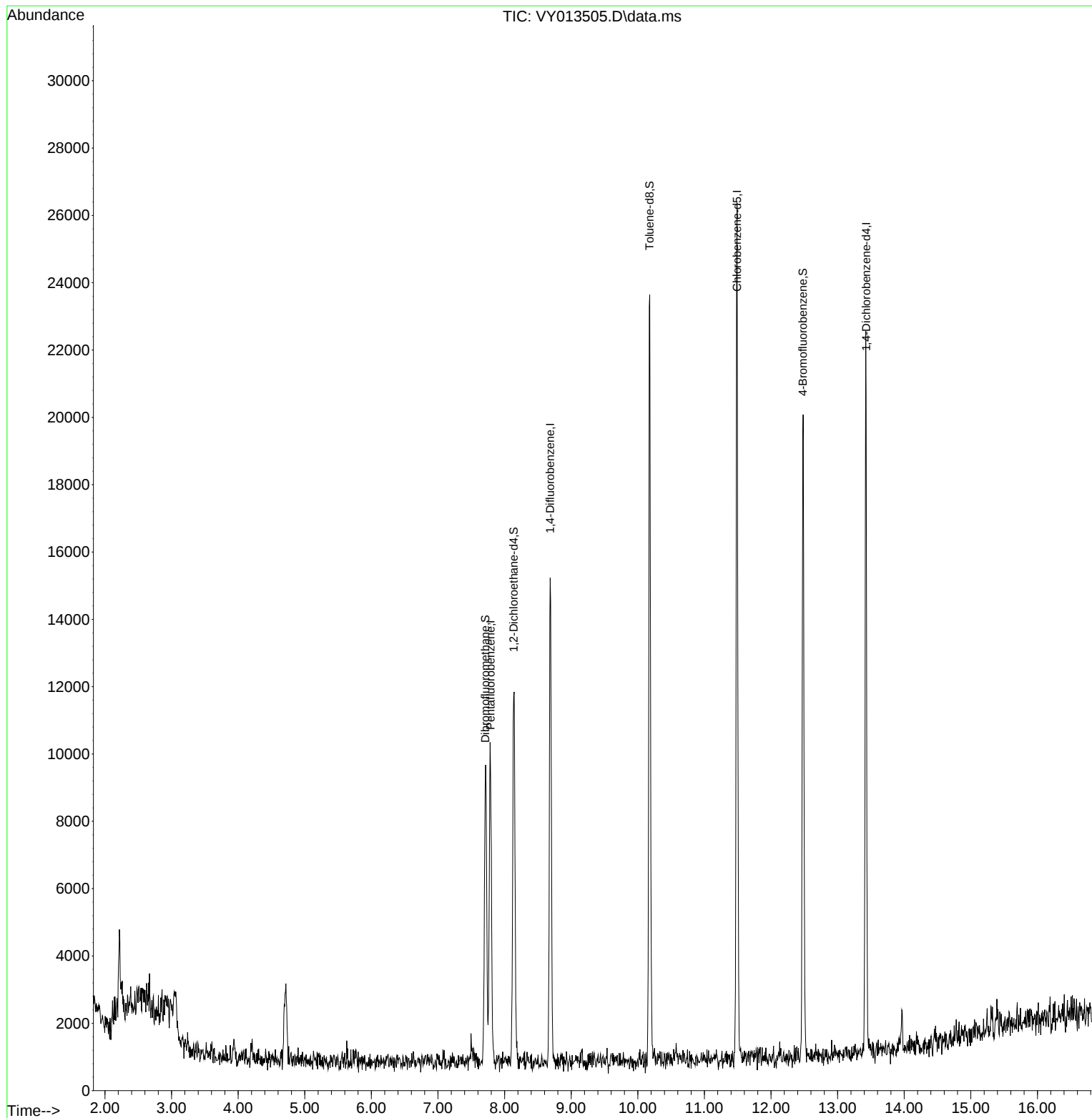
Target Compounds	Qvalue

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

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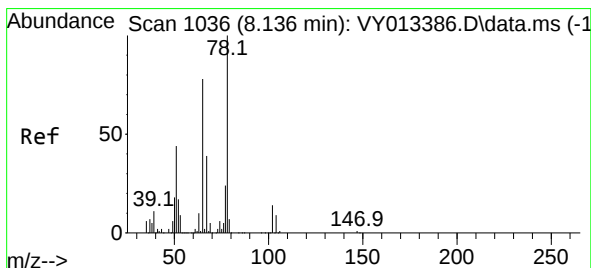
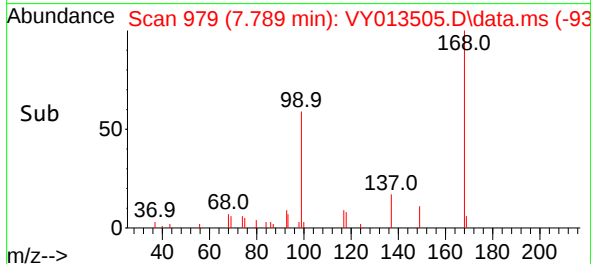
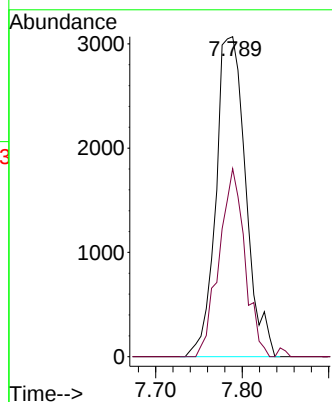
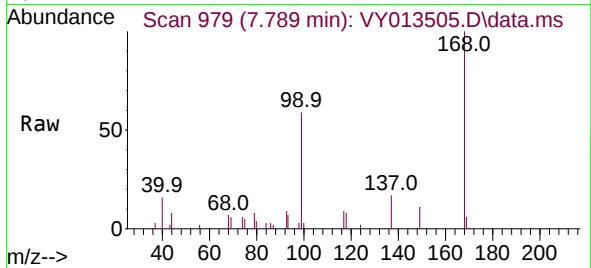




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013505.D
Acq: 27 Apr 2023 20:24

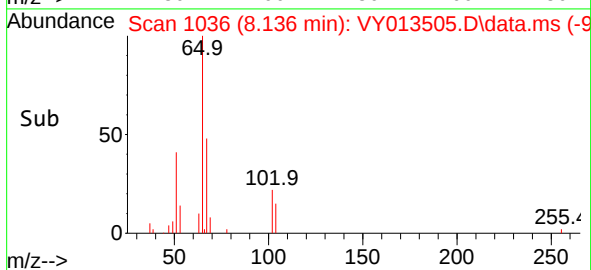
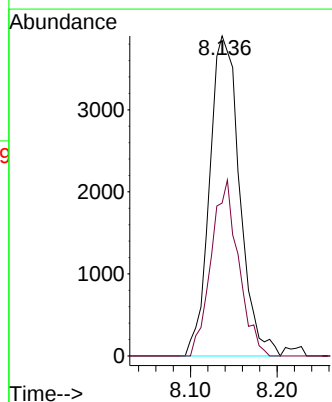
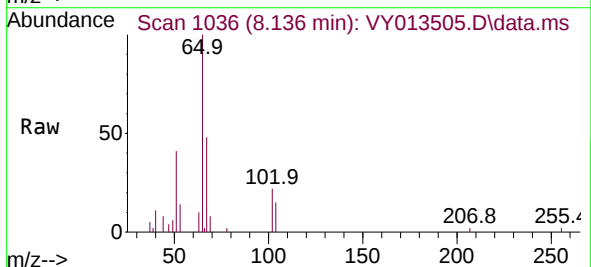
Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP3RE

Tgt Ion:168 Resp: 7335
Ion Ratio Lower Upper
168 100
99 58.7 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 116.954 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013505.D
Acq: 27 Apr 2023 20:24

Tgt Ion: 65 Resp: 9404
Ion Ratio Lower Upper
65 100
67 50.0 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: VY013505.D

Acq: 27 Apr 2023 20:24

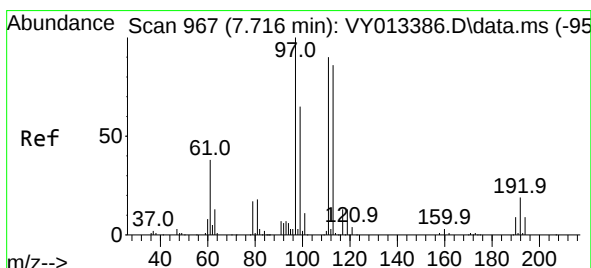
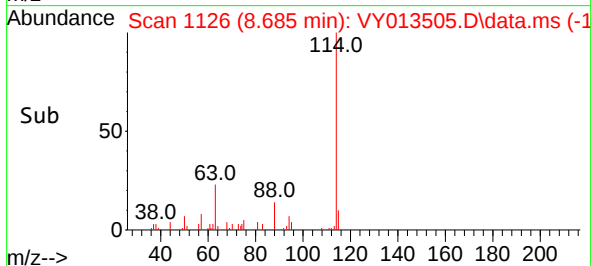
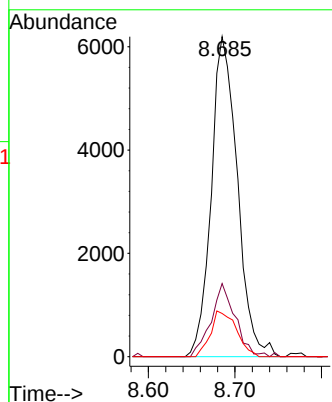
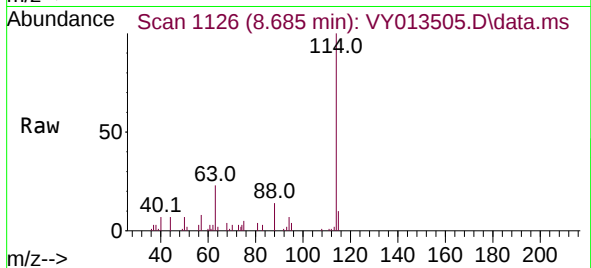
Instrument :

MSVOA_Y

ClientSampleId :

S2S-TP3RE

Tgt Ion:114	Resp:	12966
Ion	Ratio	Lower Upper
114	100	
63	22.9	0.0 36.6
88	13.5	0.0 28.8



#35

Dibromofluoromethane

Concen: 77.878 ug/l

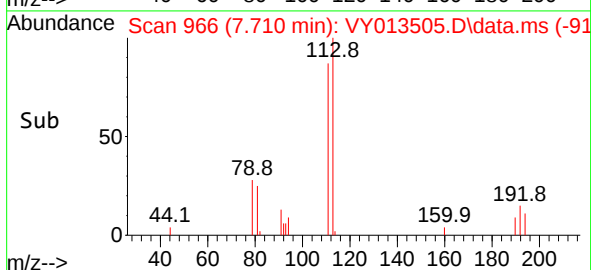
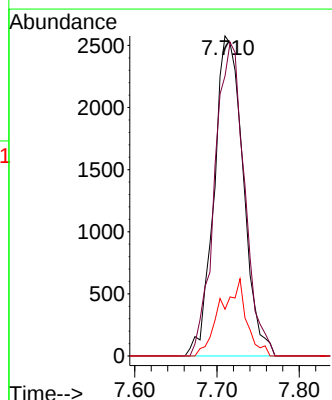
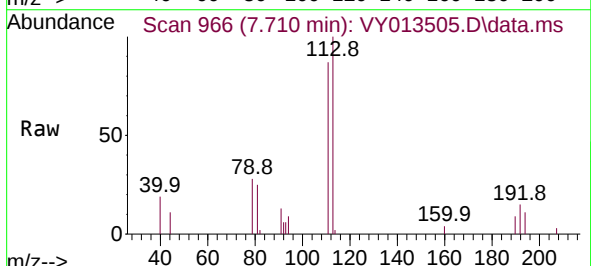
RT: 7.710 min Scan# 966

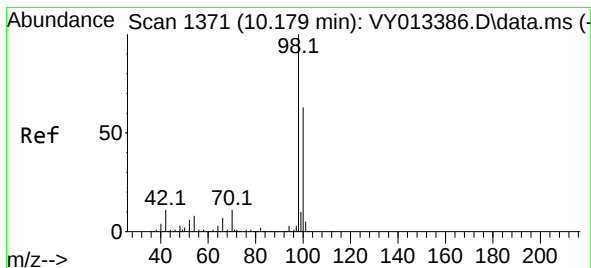
Delta R.T. -0.006 min

Lab File: VY013505.D

Acq: 27 Apr 2023 20:24

Tgt Ion:113	Resp:	6351
Ion	Ratio	Lower Upper
113	100	
111	99.8	82.2 123.2
192	21.5	16.7 25.1





#50

Toluene-d8

Concen: 52.784 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013505.D

Acq: 27 Apr 2023 20:24

Instrument :

MSVOA_Y

ClientSampleId :

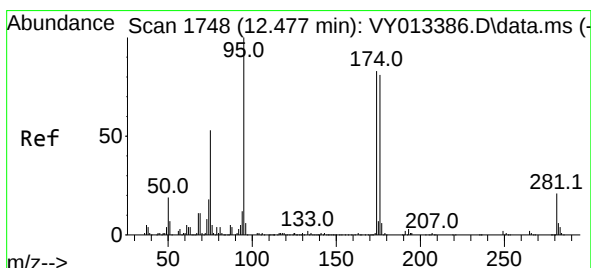
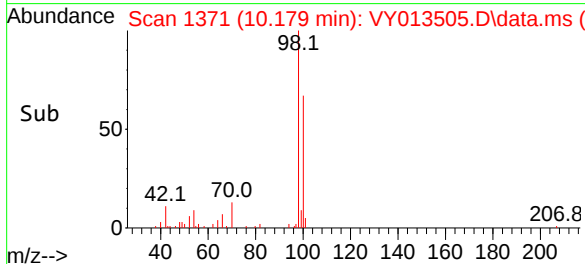
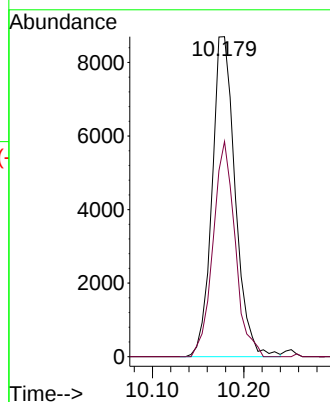
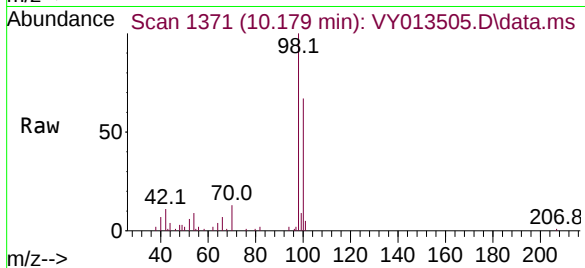
S2S-TP3RE

Tgt Ion: 98 Resp: 15313

Ion Ratio Lower Upper

98 100

100 64.0 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 54.907 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY013505.D

Acq: 27 Apr 2023 20:24

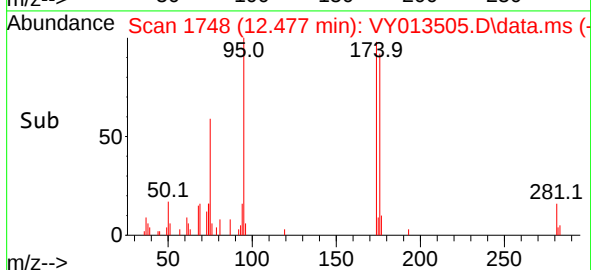
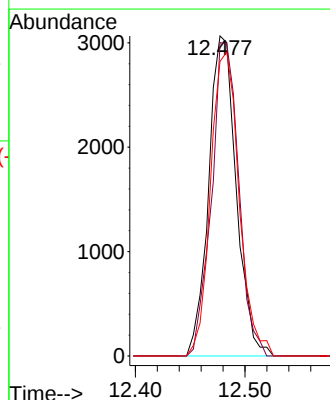
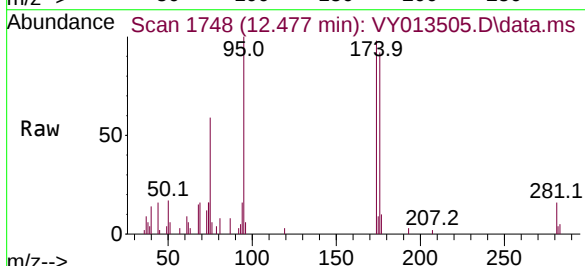
Tgt Ion: 95 Resp: 5370

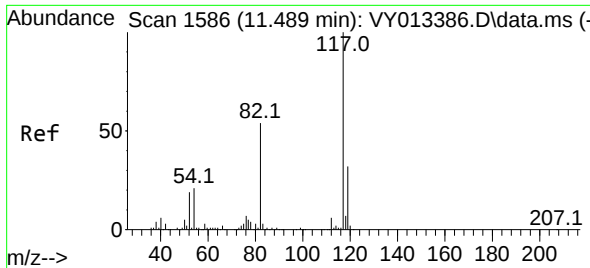
Ion Ratio Lower Upper

95 100

174 96.5 0.0 182.0

176 97.7 0.0 175.4

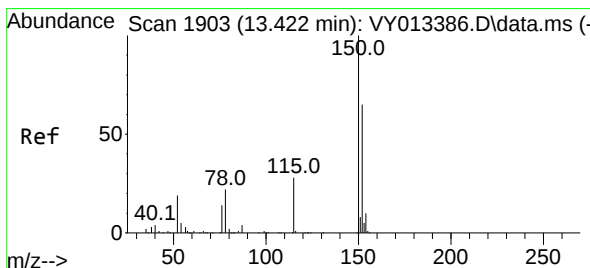
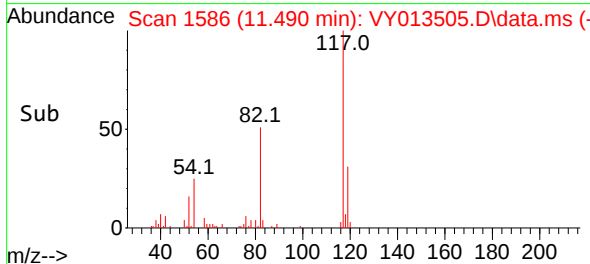
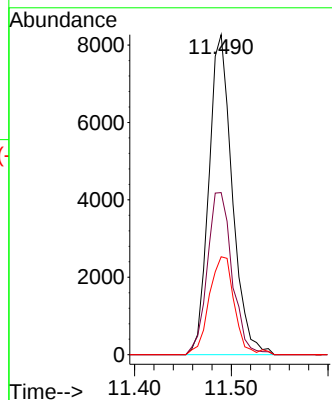
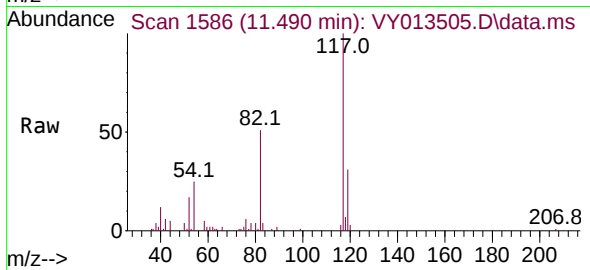




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013505.D
Acq: 27 Apr 2023 20:24

Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP3RE

Tgt Ion:117 Resp: 13894
Ion Ratio Lower Upper
117 100
82 50.7 43.0 64.6
119 30.6 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: VY013505.D
Acq: 27 Apr 2023 20:24

Tgt Ion:152 Resp: 5429
Ion Ratio Lower Upper
152 100
115 58.1 28.1 84.2
150 169.1 0.0 352.0

