

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120522\
 Data File : VY011701.D
 Acq On : 05 Dec 2022 17:02
 Operator : KP/MD
 Sample : N5870-02RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ML-2RE

Quant Time: Dec 06 00:37:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	2945	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	5271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	5517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1591	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2936	98.183	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	196.360%#
35) Dibromofluoromethane	7.722	113	1254	38.647	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.300%
50) Toluene-d8	10.179	98	6216	52.717	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.440%
62) 4-Bromofluorobenzene	12.483	95	1779	40.807	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.620%

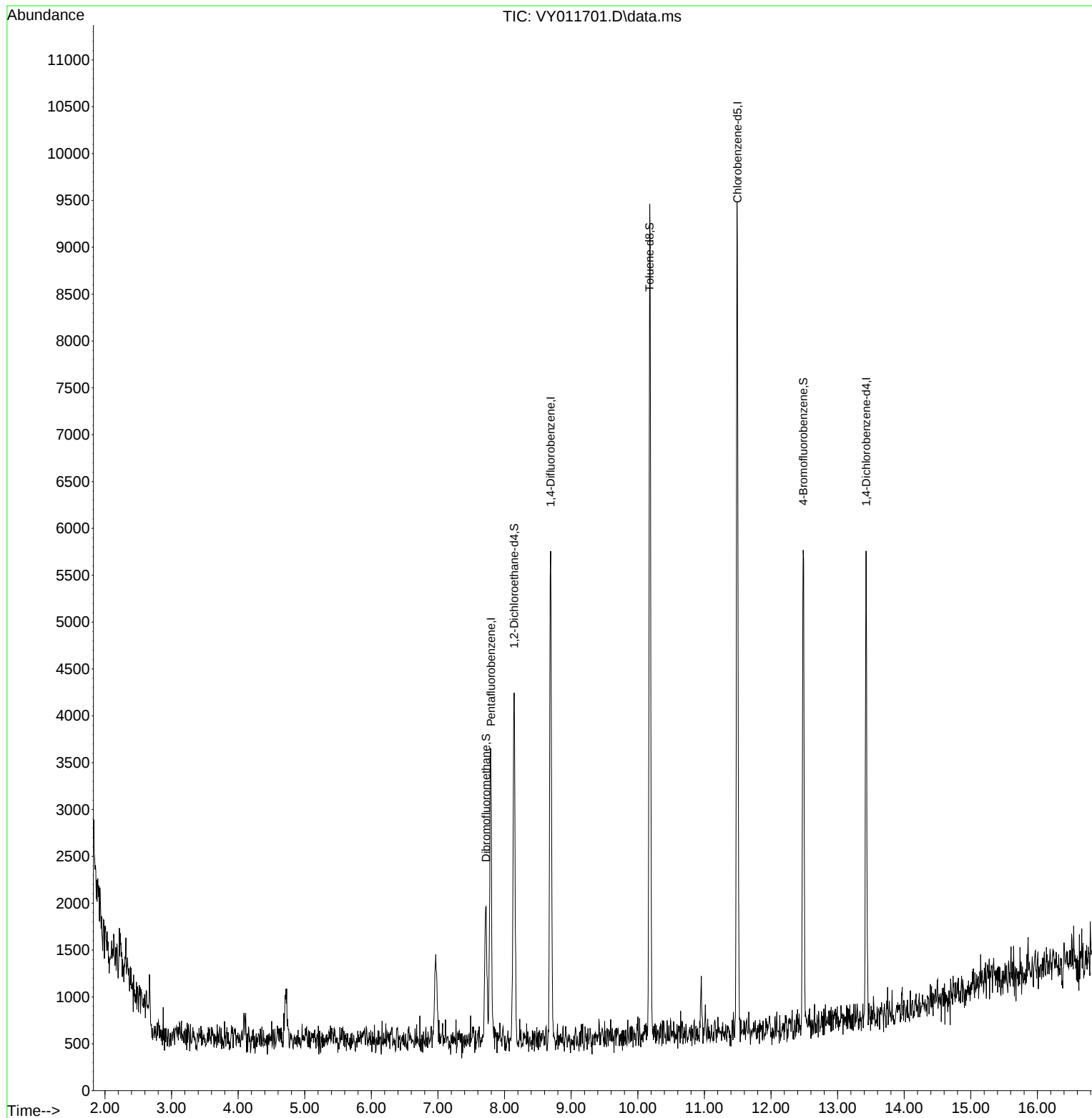
Target Compounds	Qvalue

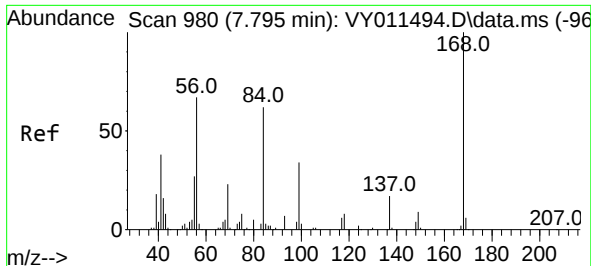
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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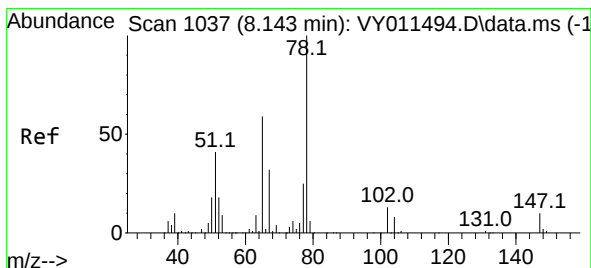
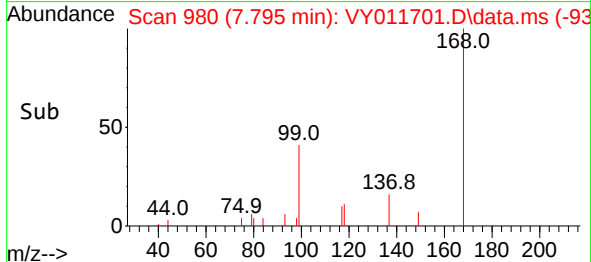
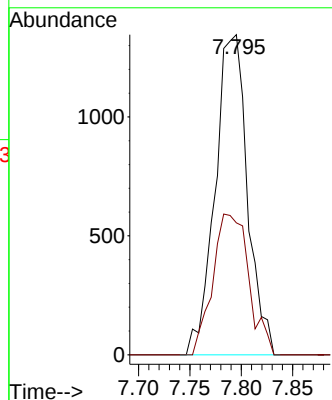
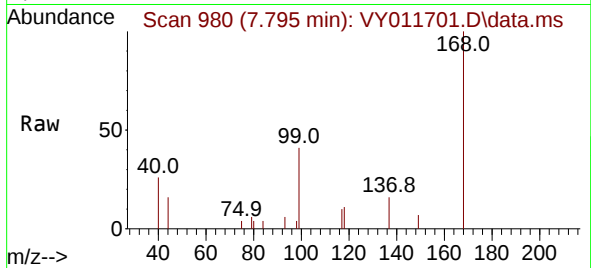




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY011701.D
Acq: 05 Dec 2022 17:02

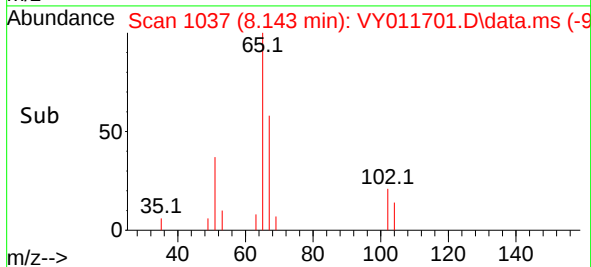
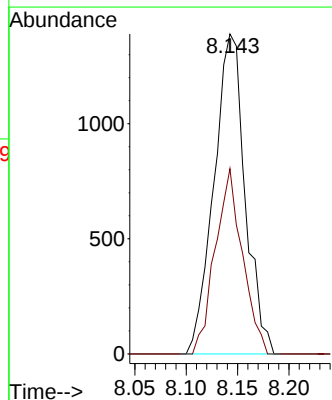
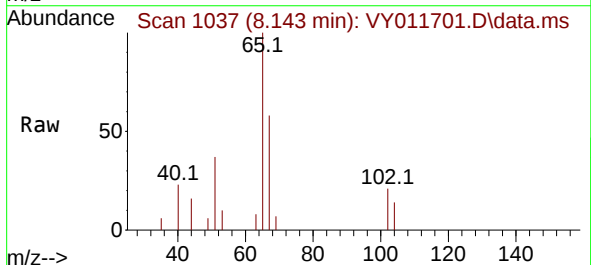
Instrument :
MSVOA_Y
ClientSampleId :
ML-2RE

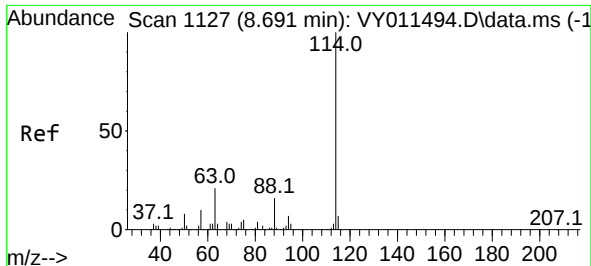
Tgt Ion:168 Resp: 2945
Ion Ratio Lower Upper
168 100
99 41.2 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 98.183 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011701.D
Acq: 05 Dec 2022 17:02

Tgt Ion: 65 Resp: 2936
Ion Ratio Lower Upper
65 100
67 50.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011701.D

Acq: 05 Dec 2022 17:02

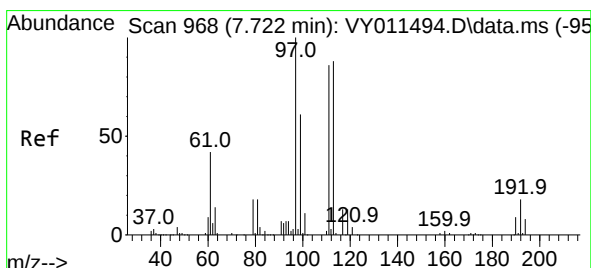
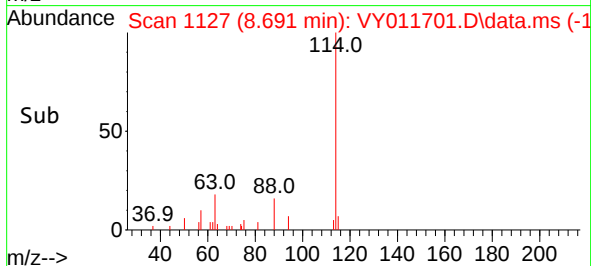
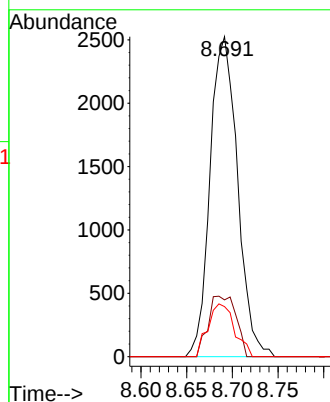
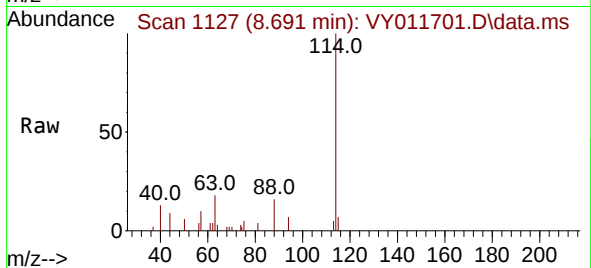
Instrument :

MSVOA_Y

ClientSampleId :

ML-2RE

Tgt Ion:114	Resp:	5271
Ion	Ratio	Lower Upper
114	100	
63	17.7	0.0 43.2
88	15.6	0.0 31.8



#35

Dibromofluoromethane

Concen: 38.647 ug/l

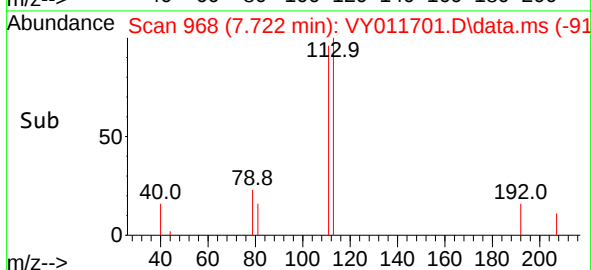
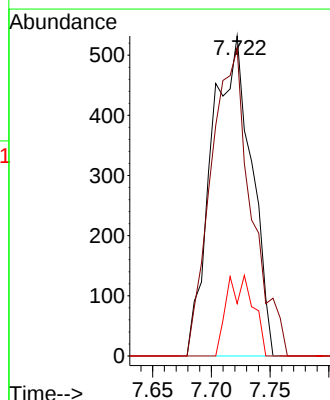
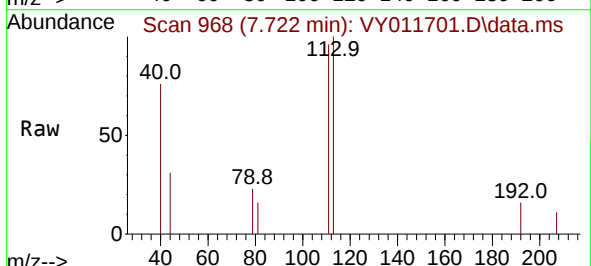
RT: 7.722 min Scan# 968

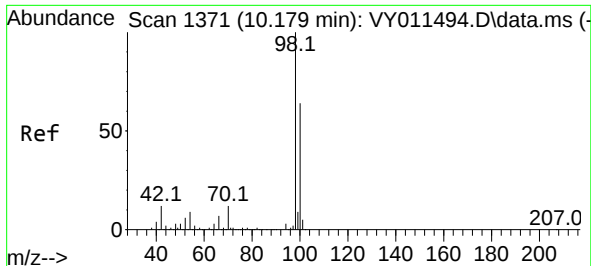
Delta R.T. -0.000 min

Lab File: VY011701.D

Acq: 05 Dec 2022 17:02

Tgt Ion:113	Resp:	1254
Ion	Ratio	Lower Upper
113	100	
111	96.9	82.6 124.0
192	16.6	17.6 26.4

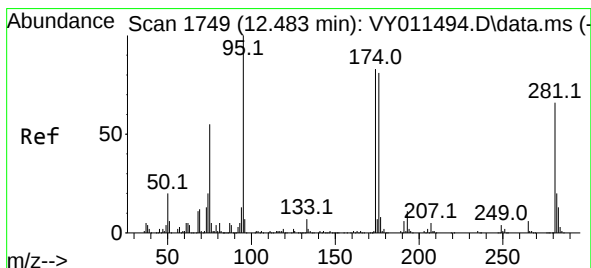
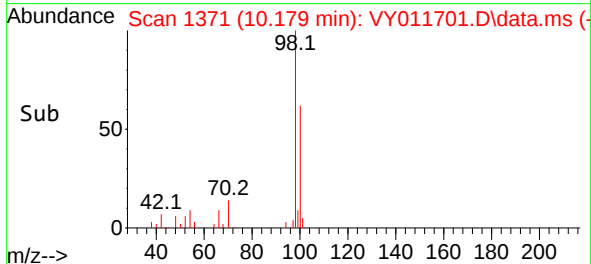
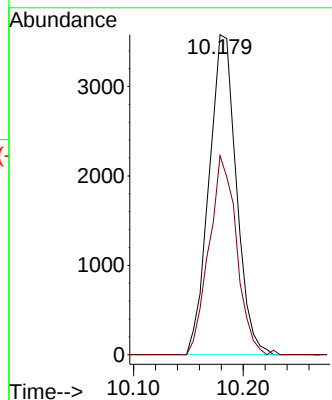
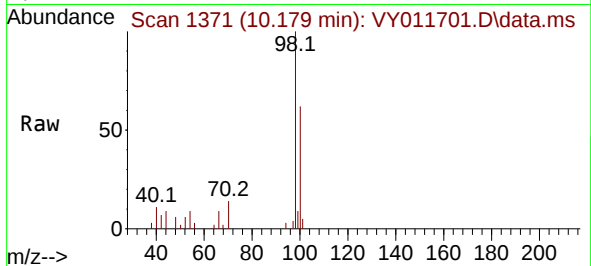




#50
Toluene-d8
Concen: 52.717 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011701.D
Acq: 05 Dec 2022 17:02

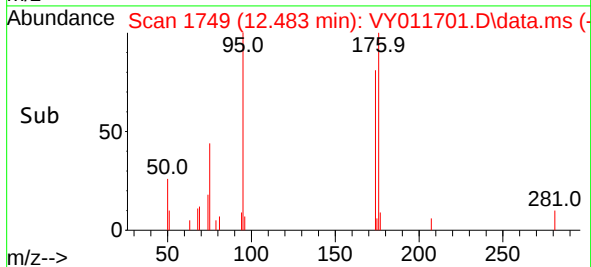
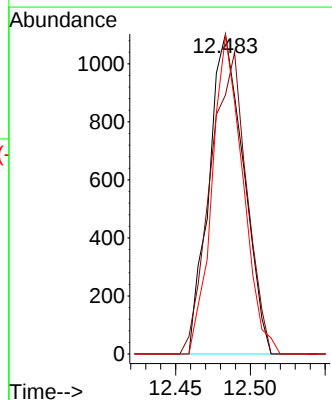
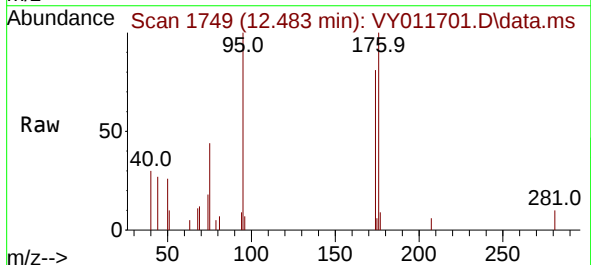
Instrument :
MSVOA_Y
ClientSampleId :
ML-2RE

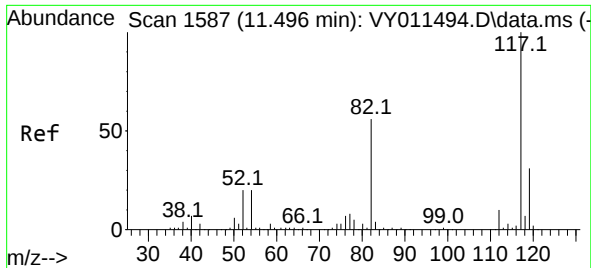
Tgt Ion: 98 Resp: 6216
Ion Ratio Lower Upper
98 100
100 62.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.807 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011701.D
Acq: 05 Dec 2022 17:02

Tgt Ion: 95 Resp: 1779
Ion Ratio Lower Upper
95 100
174 98.1 0.0 177.0
176 88.1 0.0 175.8

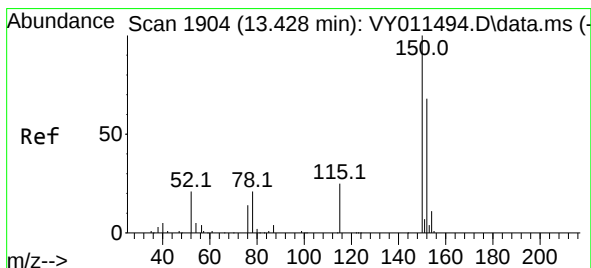
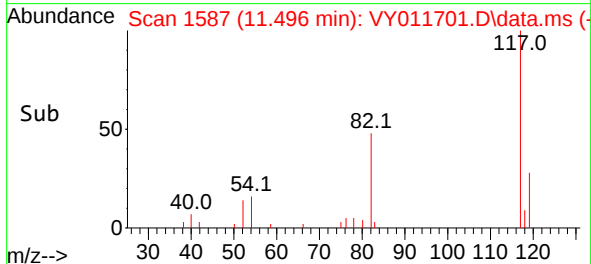
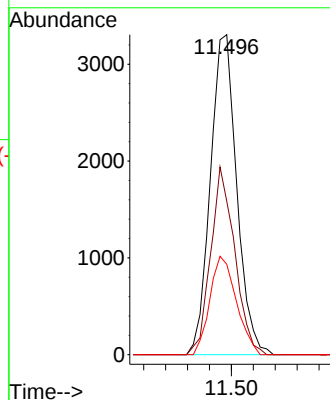
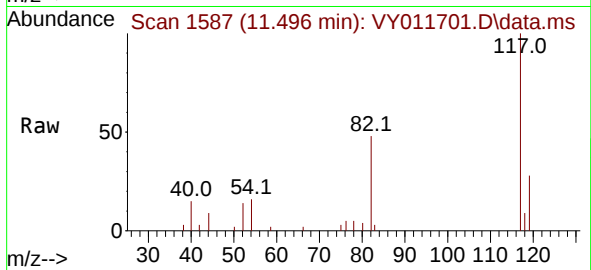




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011701.D
Acq: 05 Dec 2022 17:02

Instrument :
MSVOA_Y
ClientSampleId :
ML-2RE

Tgt Ion:117	Resp:	5517
Ion	Ratio	Lower Upper
117	100	
82	48.0	43.0 64.4
119	28.3	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011701.D
Acq: 05 Dec 2022 17:02

Tgt Ion:152	Resp:	1591
Ion	Ratio	Lower Upper
152	100	
115	55.4	28.2 84.7
150	140.8	0.0 347.6

