

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012049.D
 Acq On : 03 Jan 2023 16:08
 Operator : KP/MD
 Sample : N6235-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-2-122922

Quant Time: Jan 04 01:19:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	1614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	2904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	2632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	594	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1252	76.995	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	154.000%
35) Dibromofluoromethane	7.703	113	346	19.791	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	39.580%#
50) Toluene-d8	10.178	98	3490	49.202	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.400%
62) 4-Bromofluorobenzene	12.483	95	800	33.535	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.060%

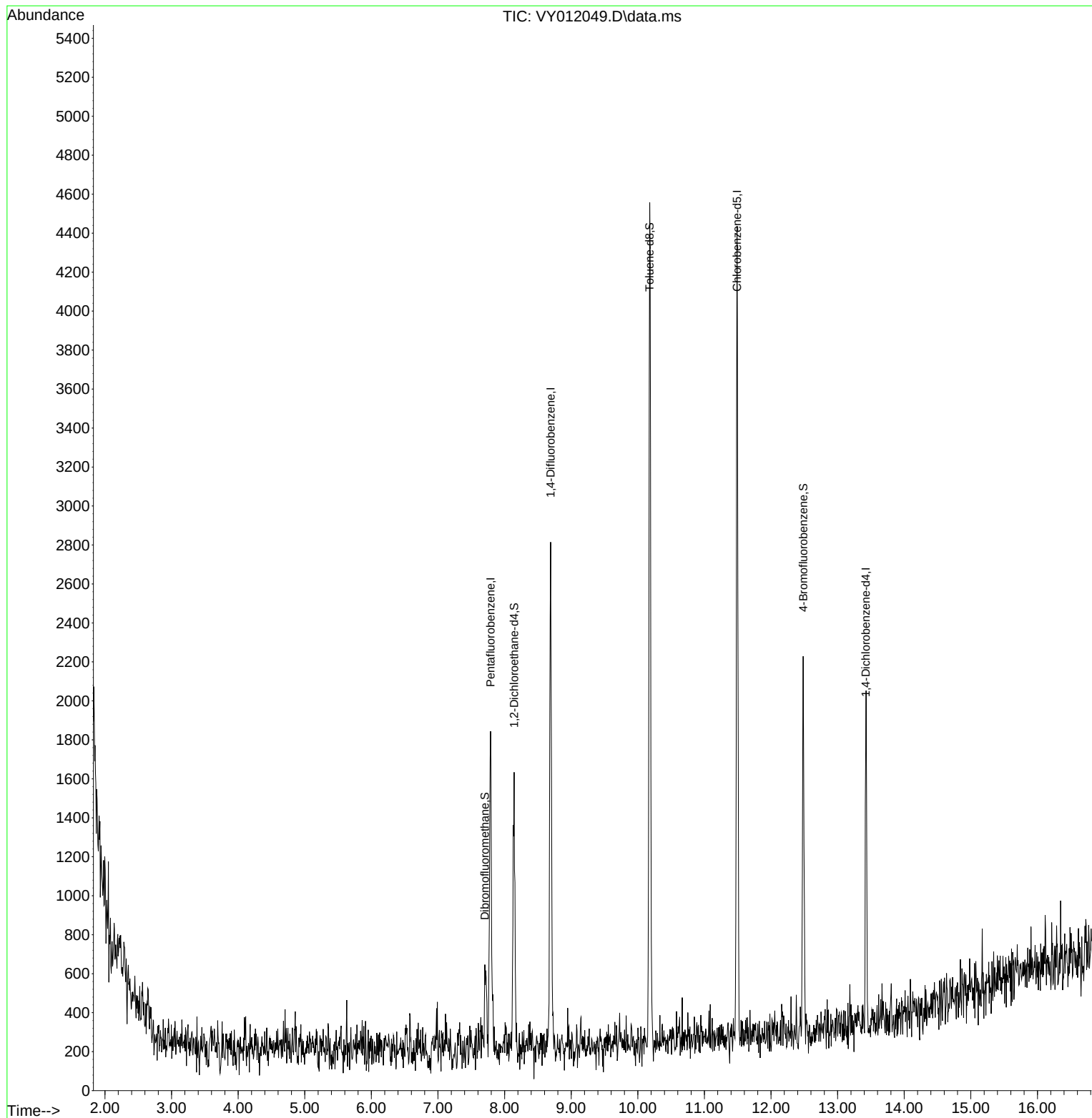
Target Compounds	Qvalue

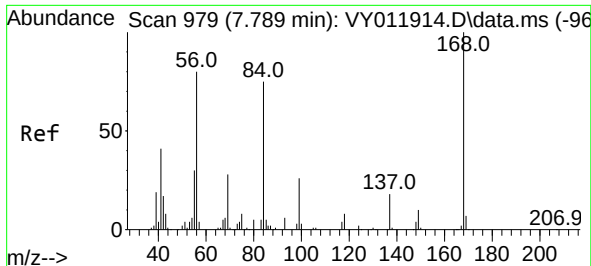
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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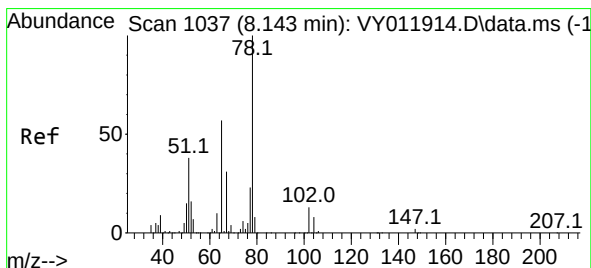
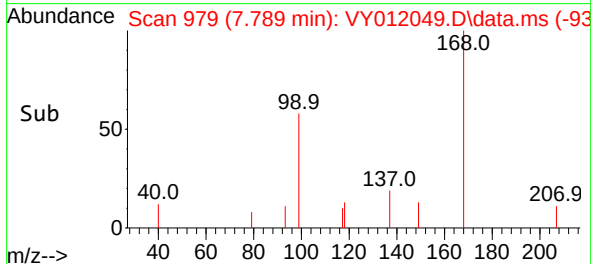
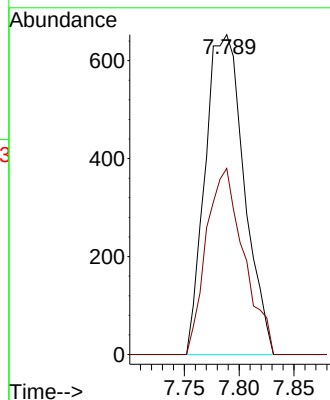
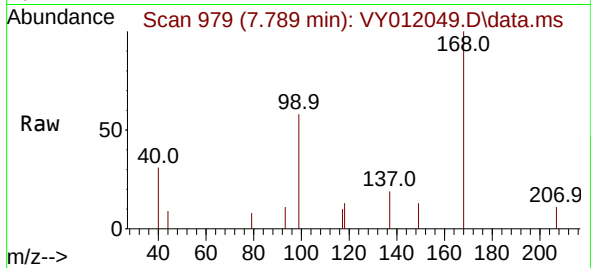




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012049.D
Acq: 03 Jan 2023 16:08

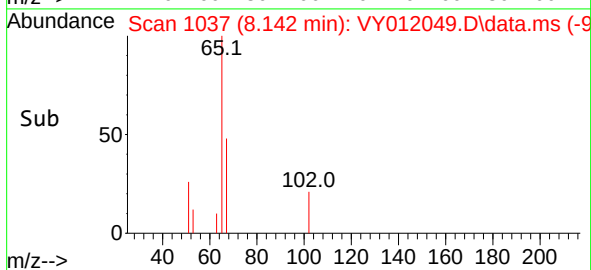
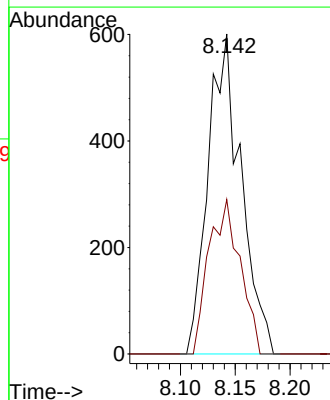
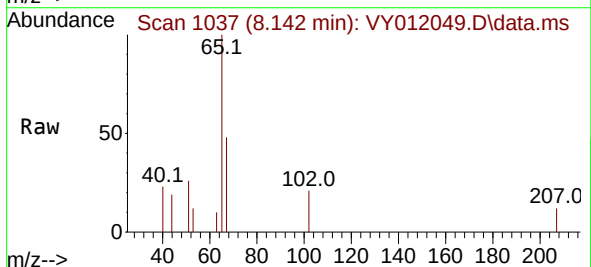
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-122922

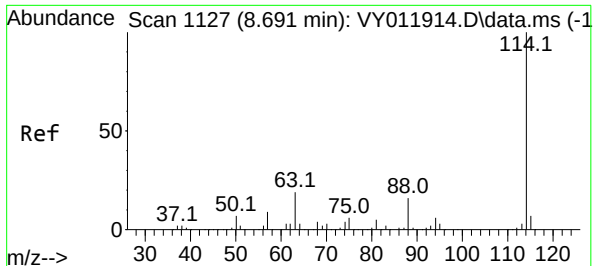
Tgt Ion:168 Resp: 1614
Ion Ratio Lower Upper
168 100
99 58.2 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 76.995 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012049.D
Acq: 03 Jan 2023 16:08

Tgt Ion: 65 Resp: 1252
Ion Ratio Lower Upper
65 100
67 46.0 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012049.D

Acq: 03 Jan 2023 16:08

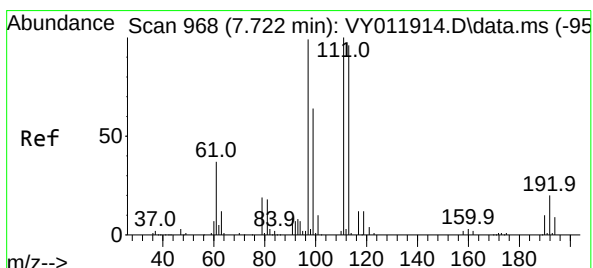
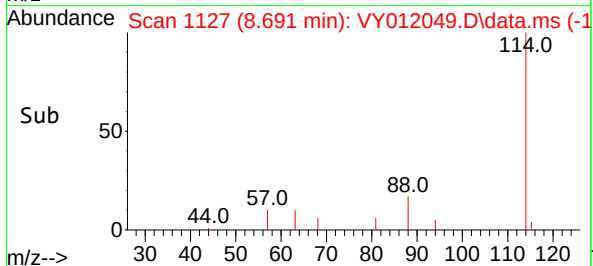
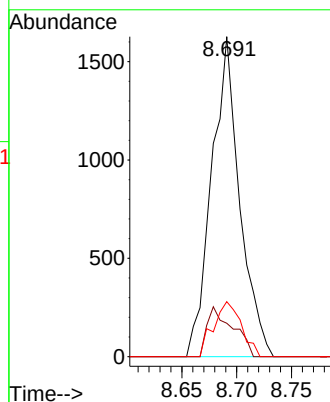
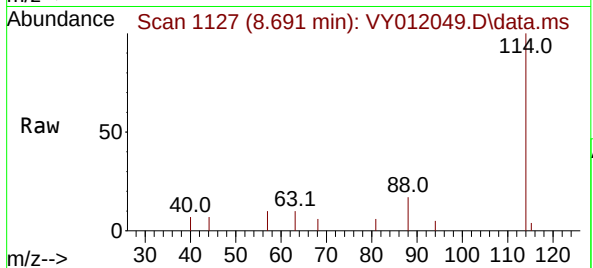
Instrument :

MSVOA_Y

ClientSampleId :

OR-2-122922

Tgt Ion:114	Resp:	2904
Ion	Ratio	Lower Upper
114	100	
63	10.4	0.0 39.6
88	17.2	0.0 32.2



#35

Dibromofluoromethane

Concen: 19.791 ug/l

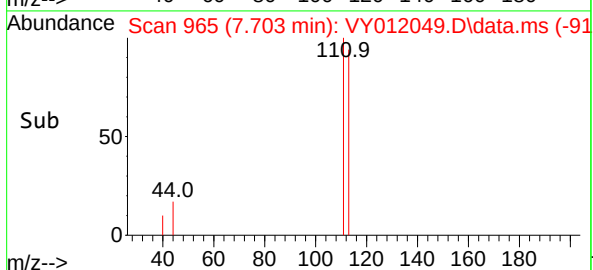
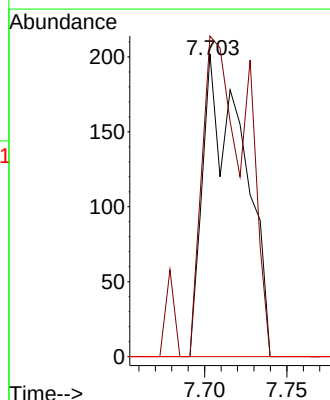
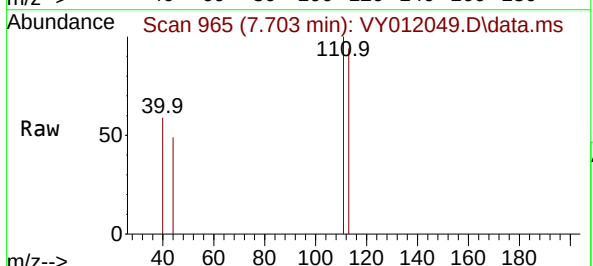
RT: 7.703 min Scan# 965

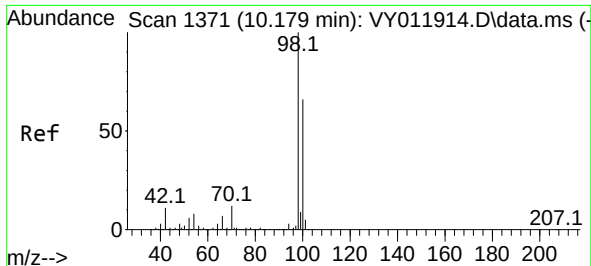
Delta R.T. -0.013 min

Lab File: VY012049.D

Acq: 03 Jan 2023 16:08

Tgt Ion:113	Resp:	346
Ion	Ratio	Lower Upper
113	100	
111	113.6	83.0 124.4
192	0.0	16.0 24.0#

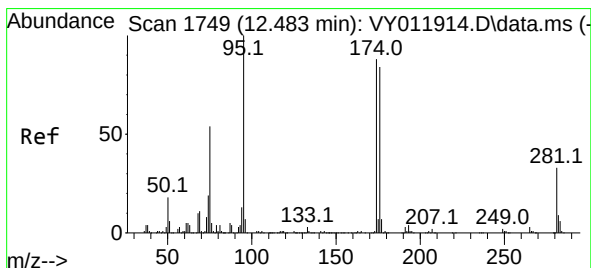
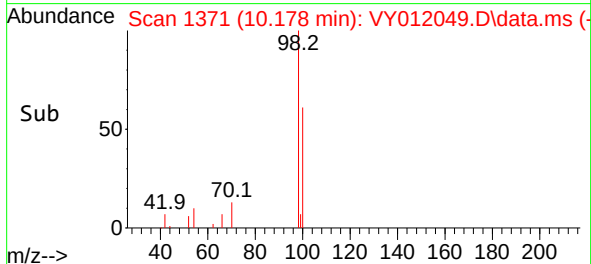
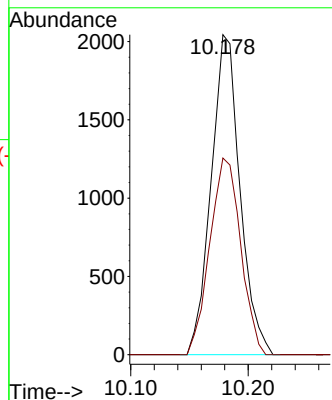
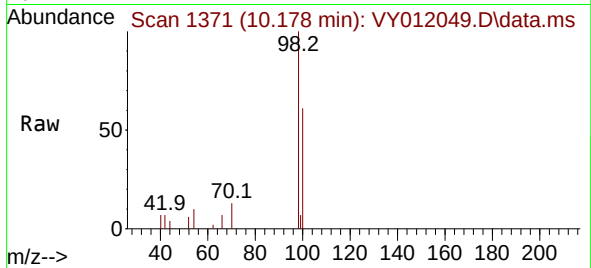




#50
Toluene-d8
Concen: 49.202 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012049.D
Acq: 03 Jan 2023 16:08

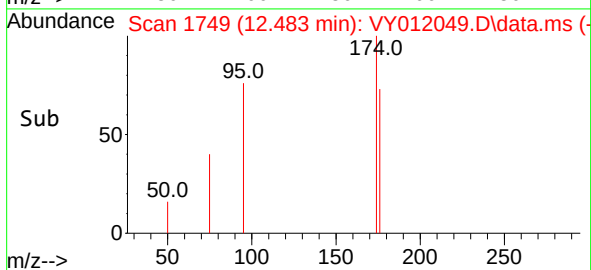
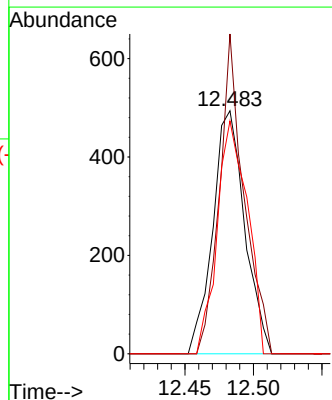
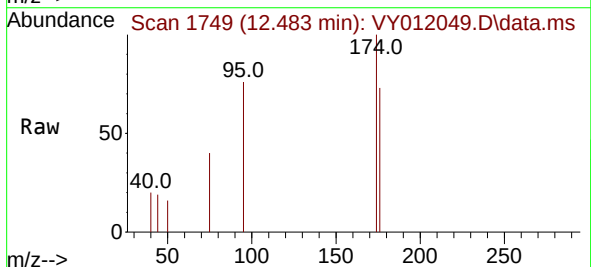
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-122922

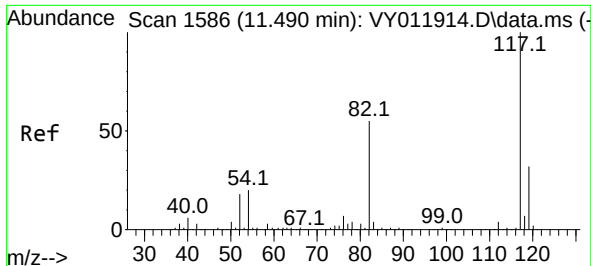
Tgt Ion: 98 Resp: 3490
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 33.535 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012049.D
Acq: 03 Jan 2023 16:08

Tgt Ion: 95 Resp: 800
Ion Ratio Lower Upper
95 100
174 101.4 0.0 172.0
176 90.5 0.0 167.6

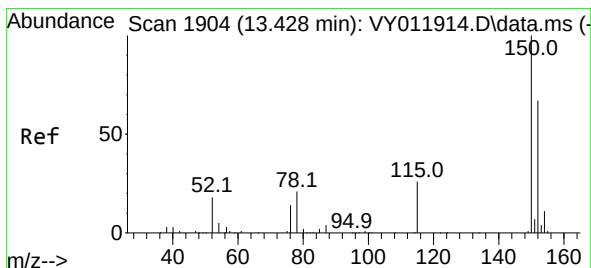
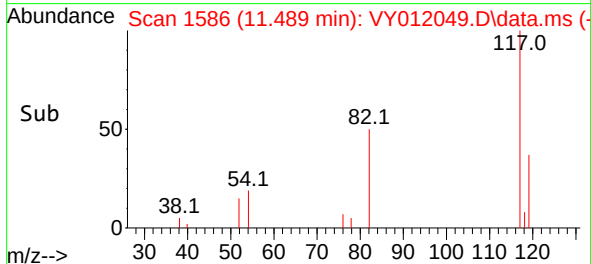
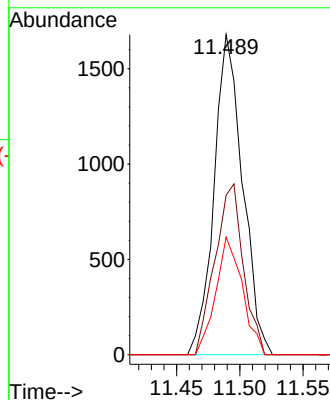
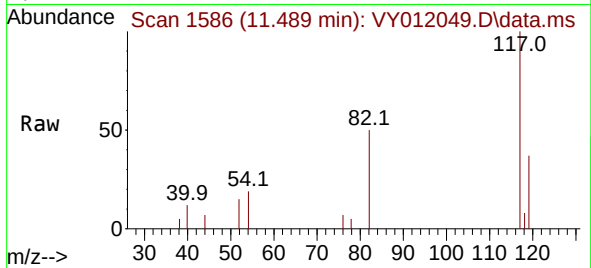




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012049.D
Acq: 03 Jan 2023 16:08

Instrument :
MSVOA_Y
ClientSampleId :
OR-2-122922

Tgt Ion:117 Resp: 2632
Ion Ratio Lower Upper
117 100
82 49.8 44.8 67.2
119 36.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012049.D
Acq: 03 Jan 2023 16:08

Tgt Ion:152 Resp: 594
Ion Ratio Lower Upper
152 100
115 44.3 29.1 87.3
150 145.3 0.0 342.6

