

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
 Data File : VY016584.D
 Acq On : 04 Dec 2023 18:07
 Operator : SY/MD
 Sample : 05538-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-112223

Quant Time: Dec 05 01:31:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	7619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	10964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	10199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	3513	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.160	65	4416	62.709	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.420%
35) Dibromofluoromethane	7.740	113	2543	38.541	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.080%
50) Toluene-d8	10.197	98	12664	50.741	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.480%
62) 4-Bromofluorobenzene	12.501	95	3746	45.641	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.280%

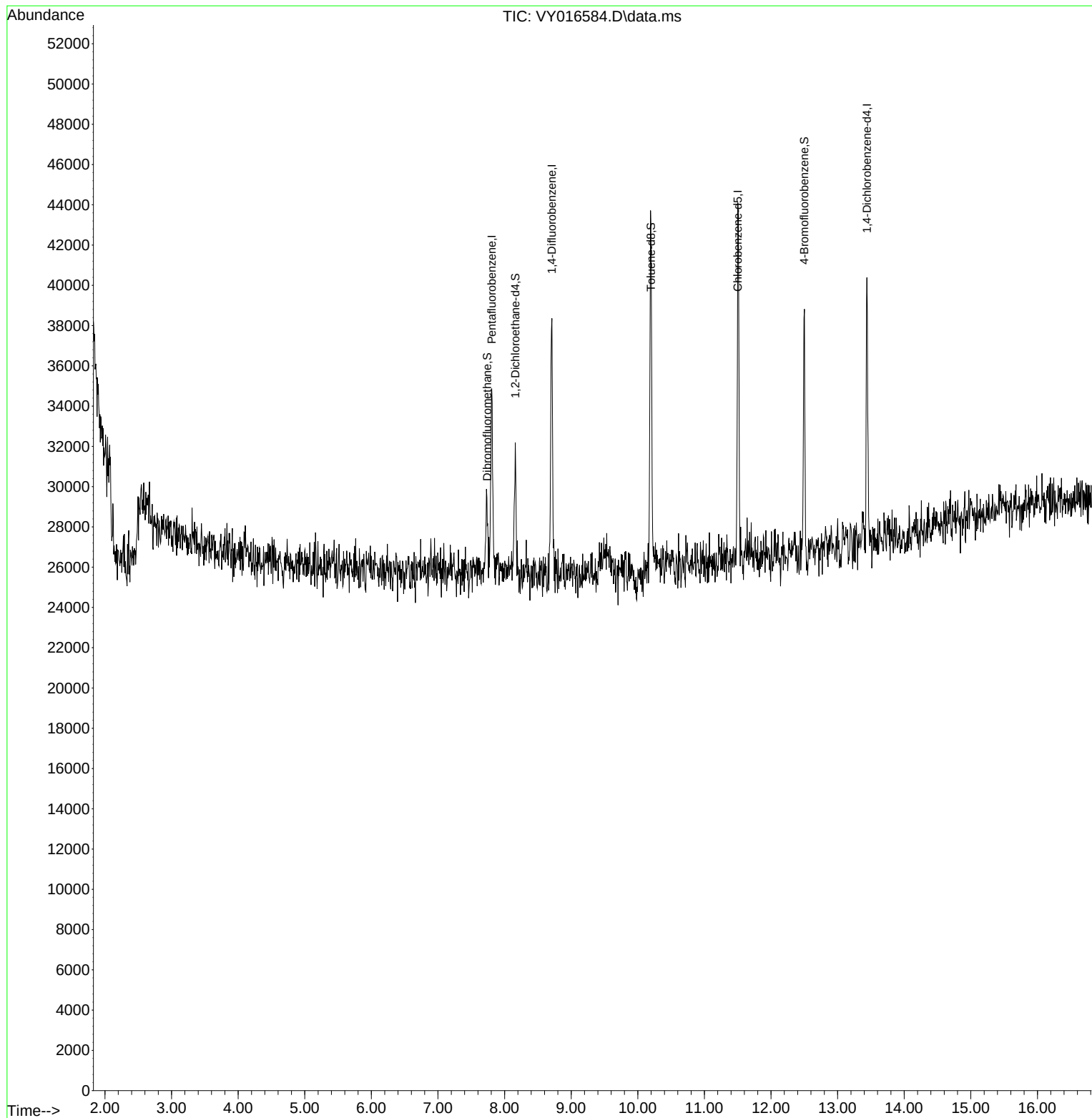
Target Compounds	Qvalue

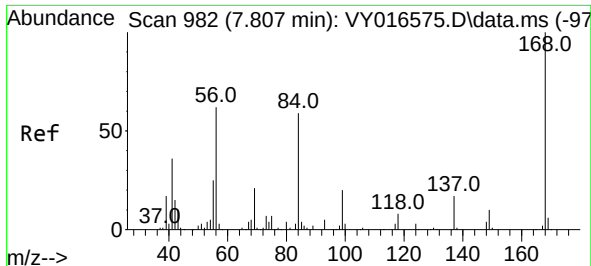
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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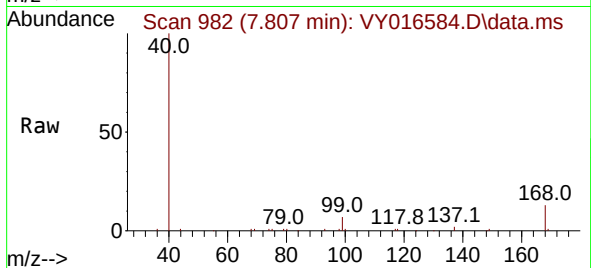
Quant Time: Dec 05 01:31:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
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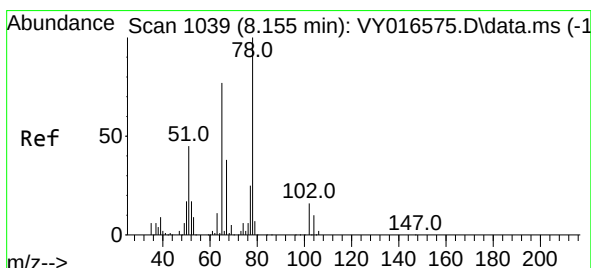
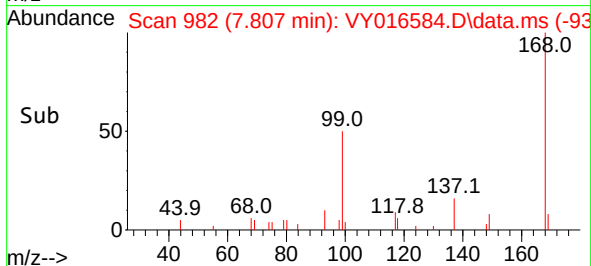
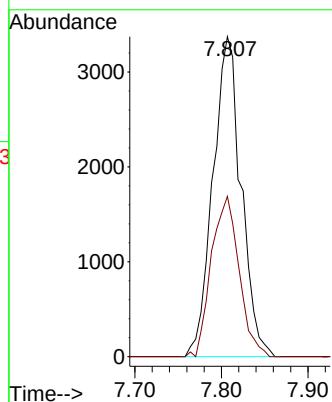


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016584.D
Acq: 04 Dec 2023 18:07

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-112223

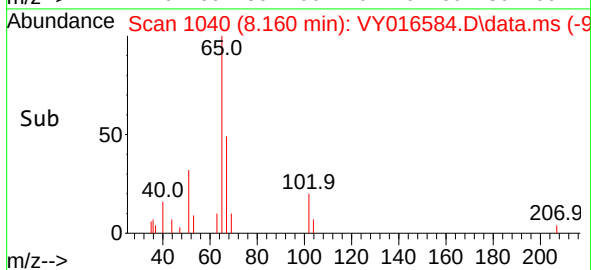
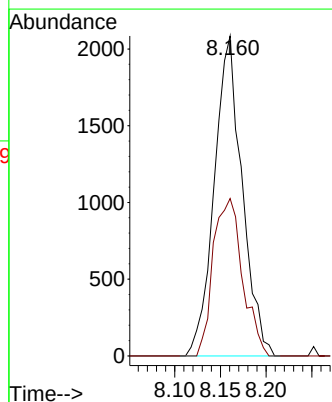
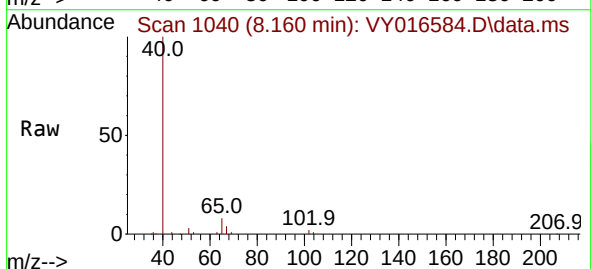


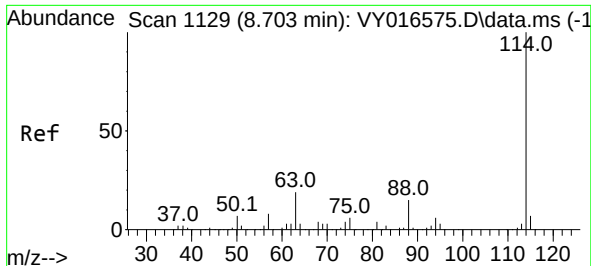
Tgt Ion:168 Resp: 7619
Ion Ratio Lower Upper
168 100
99 50.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 62.709 ug/l
RT: 8.160 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016584.D
Acq: 04 Dec 2023 18:07

Tgt Ion: 65 Resp: 4416
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016584.D

Acq: 04 Dec 2023 18:07

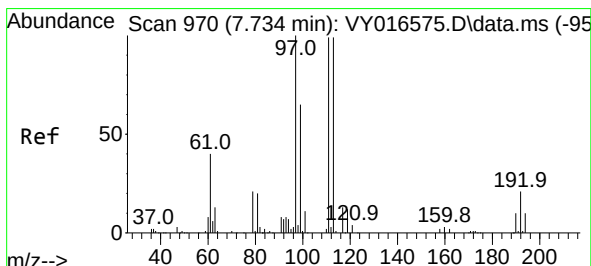
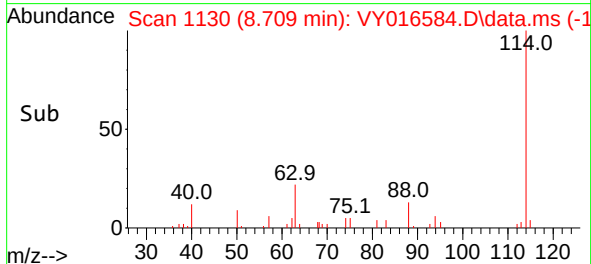
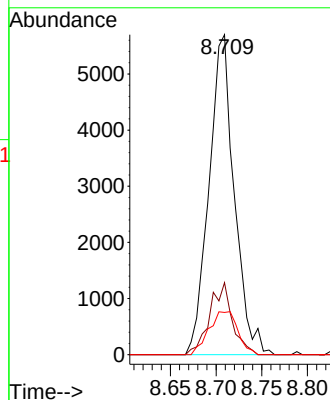
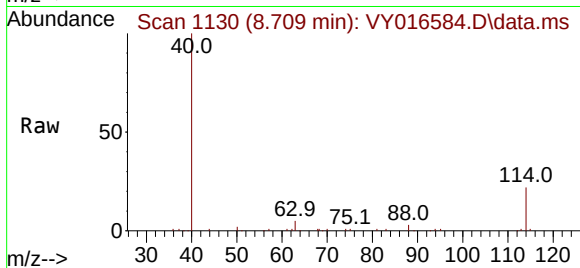
Instrument :

MSVOA_Y

ClientSampleId :

HR-02-112223

Tgt Ion:114	Resp:	10964
Ion	Ratio	Lower Upper
114	100	
63	22.5	0.0 42.4
88	13.2	0.0 30.6



#35

Dibromofluoromethane

Concen: 38.541 ug/l

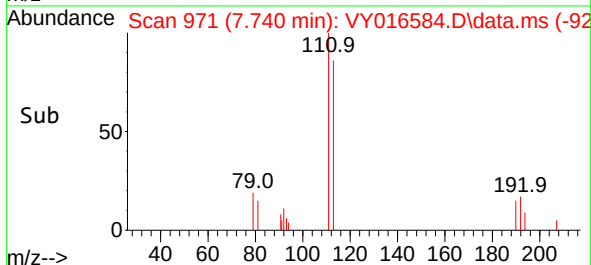
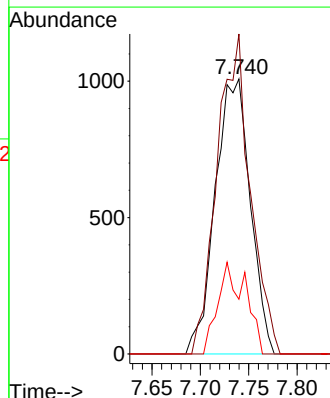
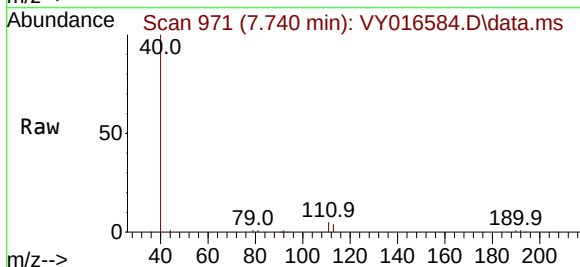
RT: 7.740 min Scan# 971

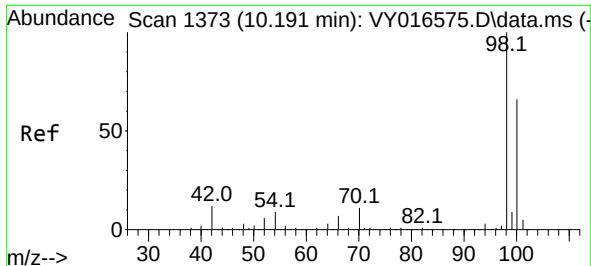
Delta R.T. 0.006 min

Lab File: VY016584.D

Acq: 04 Dec 2023 18:07

Tgt Ion:113	Resp:	2543
Ion	Ratio	Lower Upper
113	100	
111	109.6	81.3 121.9
192	26.2	16.9 25.3

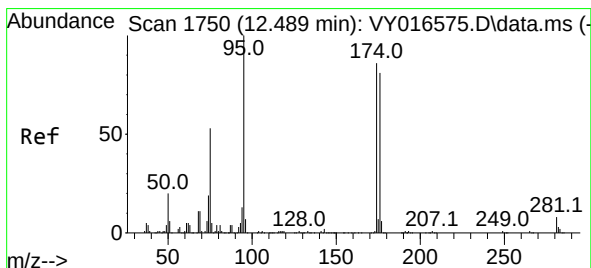
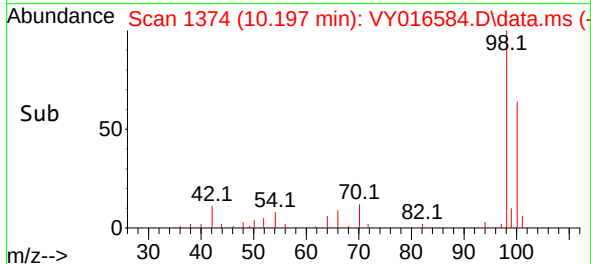
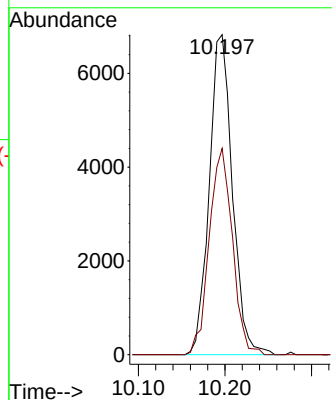
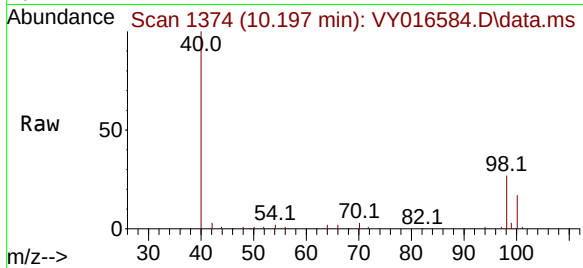




#50
Toluene-d8
Concen: 50.741 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016584.D
Acq: 04 Dec 2023 18:07

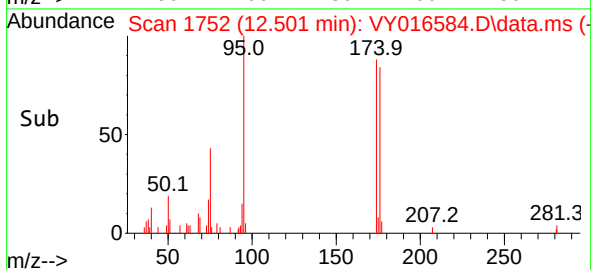
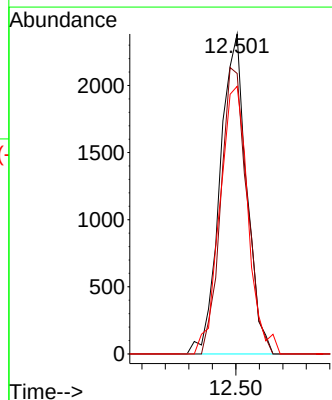
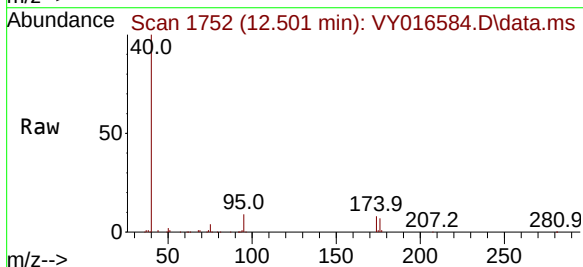
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-112223

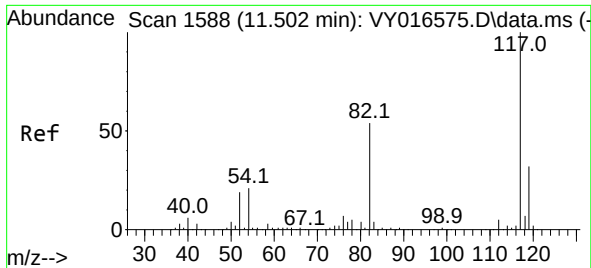
Tgt Ion: 98 Resp: 12664
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 45.641 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016584.D
Acq: 04 Dec 2023 18:07

Tgt Ion: 95 Resp: 3746
Ion Ratio Lower Upper
95 100
174 88.2 0.0 178.2
176 88.7 0.0 173.8

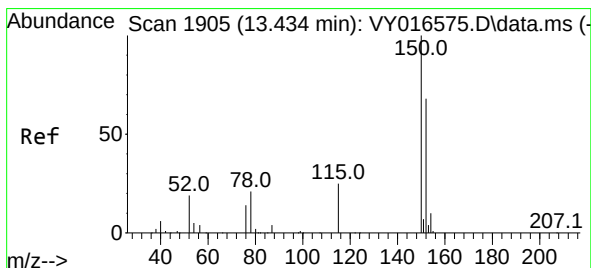
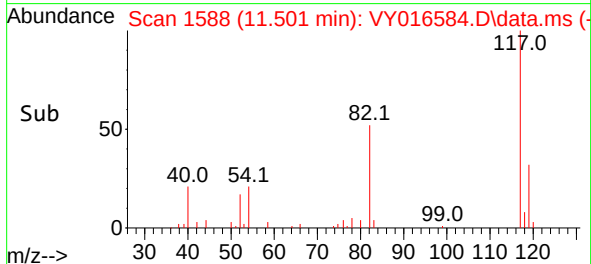
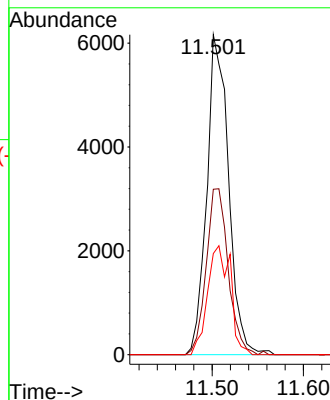
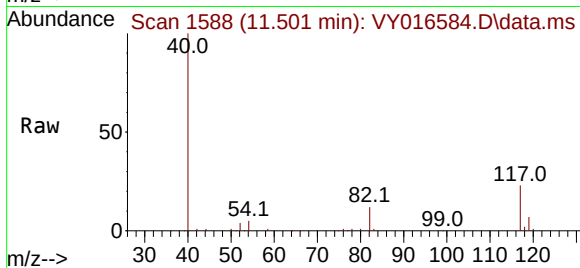




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016584.D
Acq: 04 Dec 2023 18:07

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-112223

Tgt Ion:117	Resp:	10199
Ion	Ratio	Lower Upper
117	100	
82	51.7	43.4 65.0
119	31.6	26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016584.D
Acq: 04 Dec 2023 18:07

Tgt Ion:152	Resp:	3513
Ion	Ratio	Lower Upper
152	100	
115	57.6	28.8 86.5
150	161.9	0.0 348.8

