

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
 Data File : VY016989.D
 Acq On : 12 Jan 2024 13:48
 Operator : SY/MD
 Sample : P1123-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MEDIAN-WEST-SIDE-HOWARD-BLVD

Quant Time: Jan 13 00:05:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	111762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	237567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	226734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	85242	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	52937	47.924	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.840%
35) Dibromofluoromethane	7.734	113	56037	37.016	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.040%
50) Toluene-d8	10.197	98	208079	39.915	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.840%
62) 4-Bromofluorobenzene	12.495	95	64822	36.856	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.720%

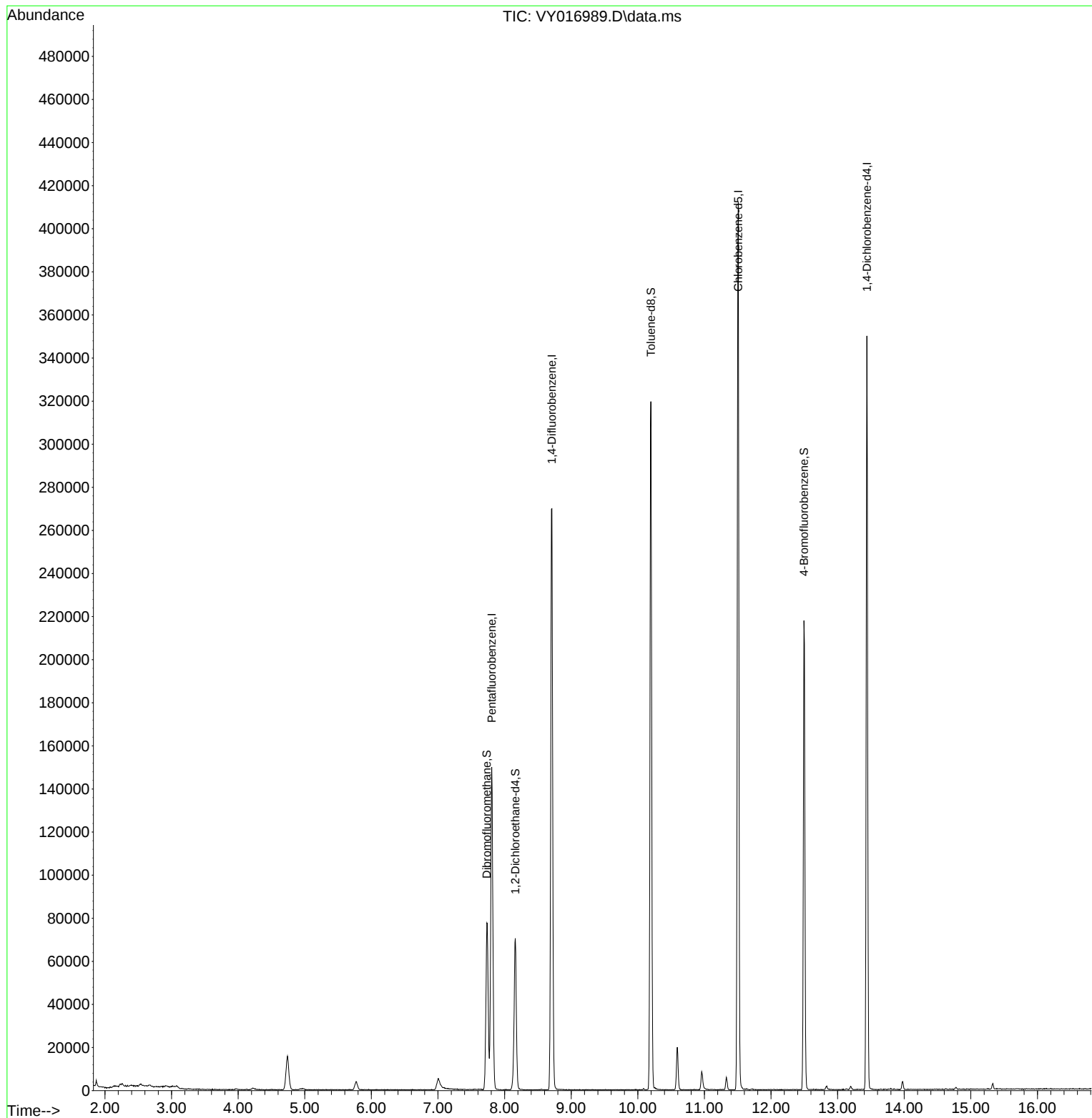
Target Compounds	Qvalue

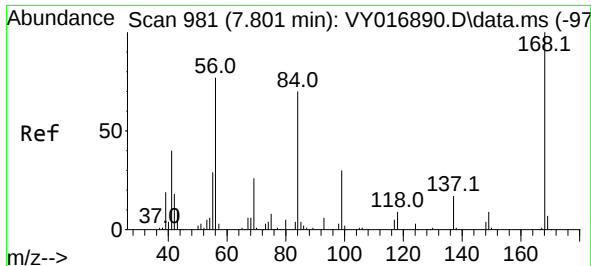
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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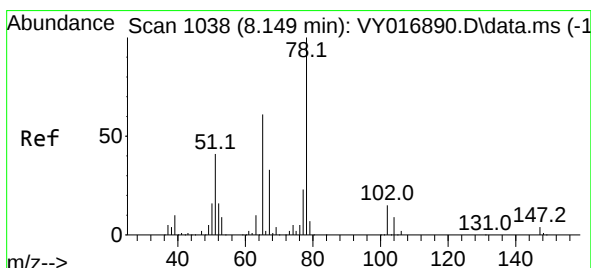
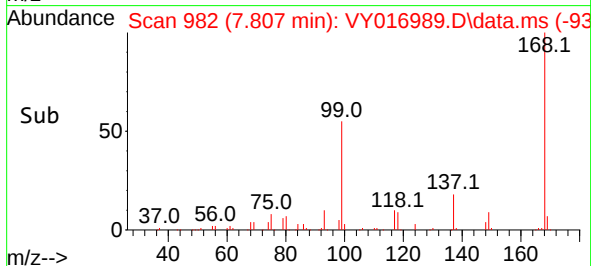
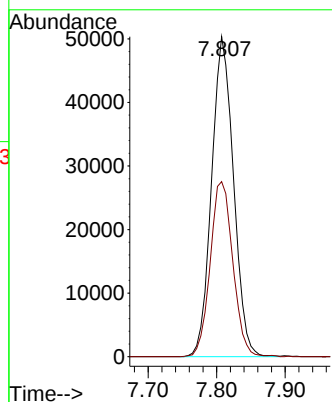
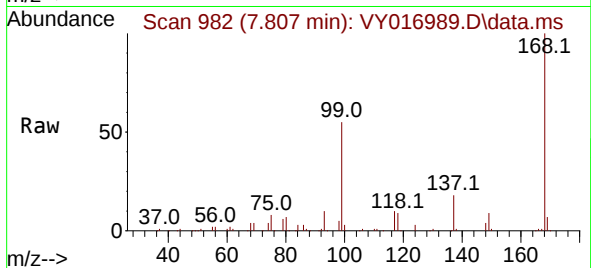




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016989.D
Acq: 12 Jan 2024 13:48

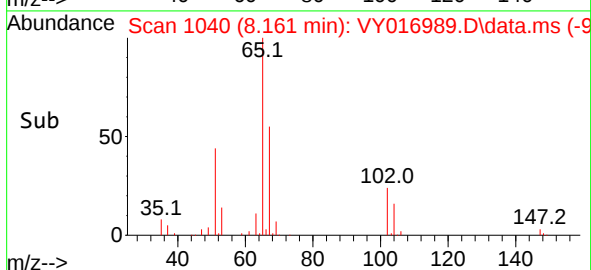
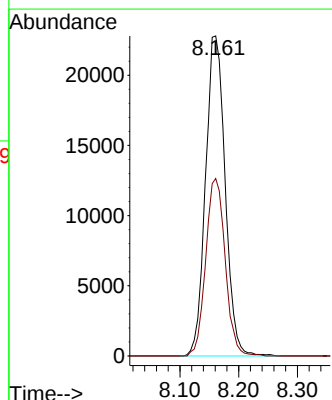
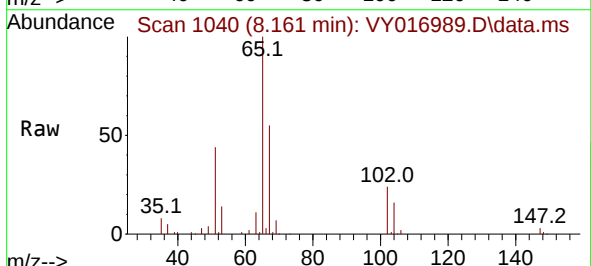
Instrument :
MSVOA_Y
ClientSampleId :
MEDIAN-WEST-SIDE-HOWARD-BLVD

Tgt Ion:168 Resp: 111762
Ion Ratio Lower Upper
168 100
99 54.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.924 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016989.D
Acq: 12 Jan 2024 13:48

Tgt Ion: 65 Resp: 52937
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1128

Delta R.T. 0.007 min

Lab File: VY016989.D

Acq: 12 Jan 2024 13:48

Instrument :

MSVOA_Y

ClientSampleId :

MEDIAN-WEST-SIDE-HOWARD-BLVD

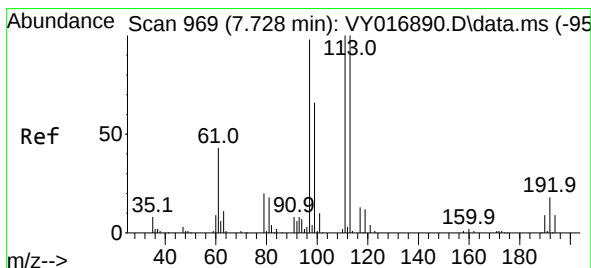
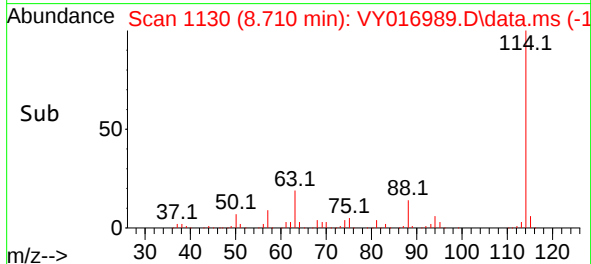
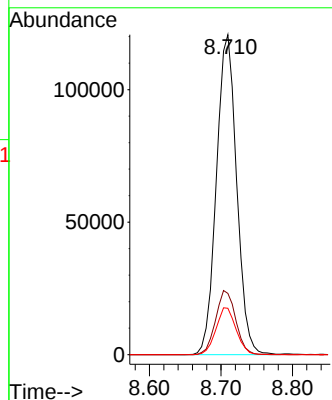
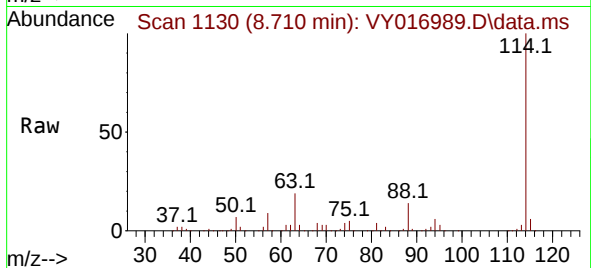
Tgt Ion:114 Resp: 237567

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 14.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 37.016 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016989.D

Acq: 12 Jan 2024 13:48

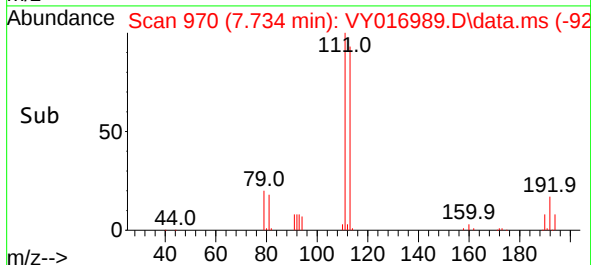
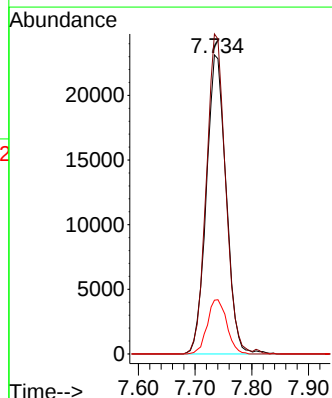
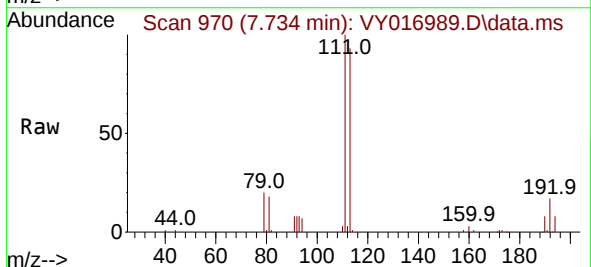
Tgt Ion:113 Resp: 56037

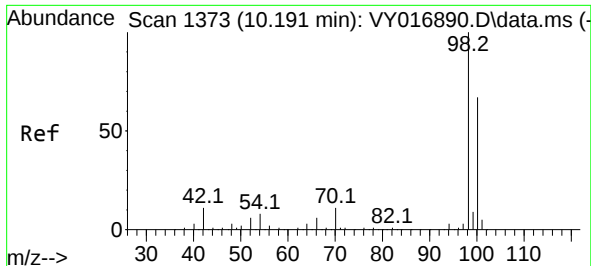
Ion Ratio Lower Upper

113 100

111 104.0 83.8 125.6

192 17.9 14.5 21.7

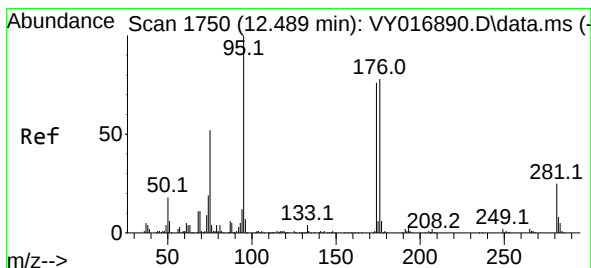
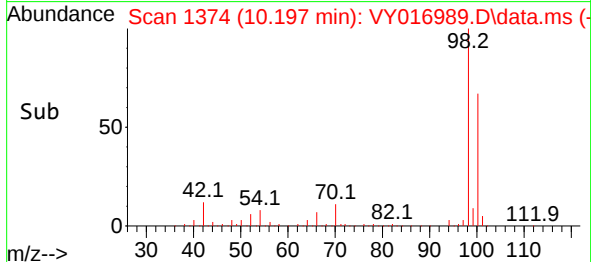
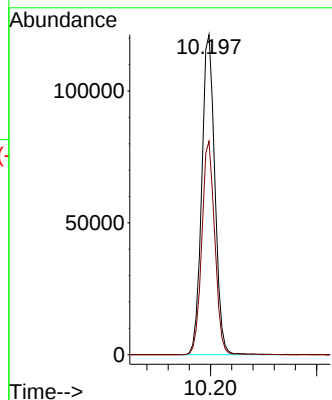
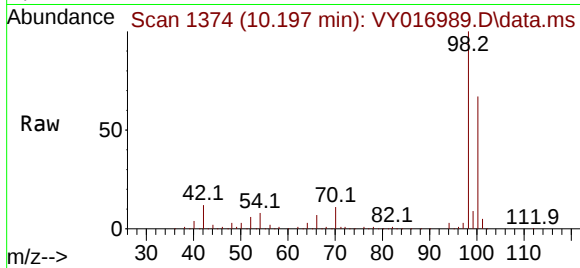




#50
Toluene-d8
Concen: 39.915 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016989.D
Acq: 12 Jan 2024 13:48

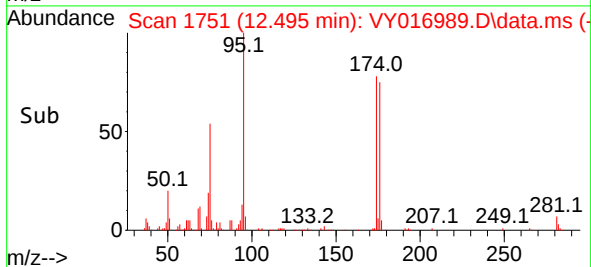
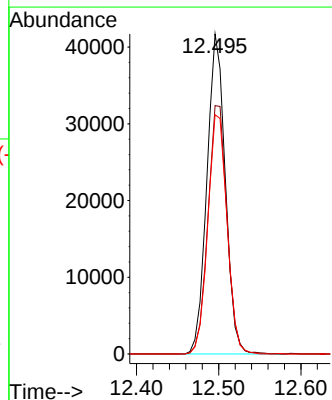
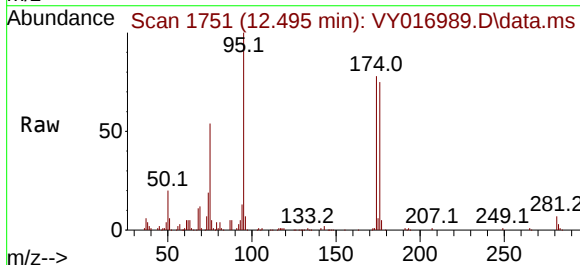
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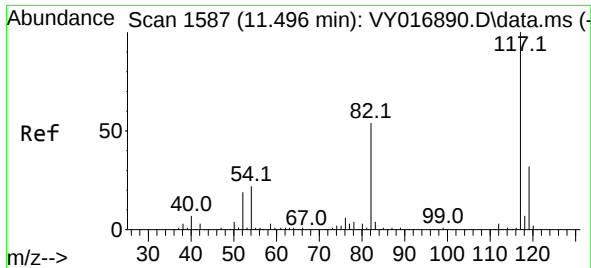
Tgt Ion: 98 Resp: 208079
Ion Ratio Lower Upper
98 100
100 66.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 36.856 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016989.D
Acq: 12 Jan 2024 13:48

Tgt Ion: 95 Resp: 64822
Ion Ratio Lower Upper
95 100
174 80.6 0.0 160.0
176 78.0 0.0 151.8

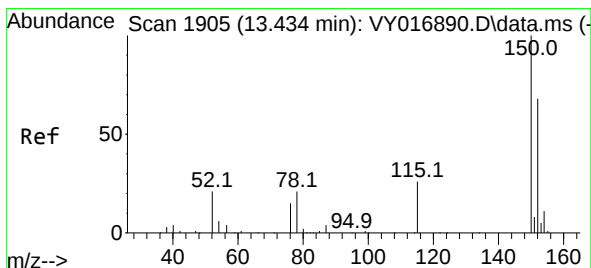
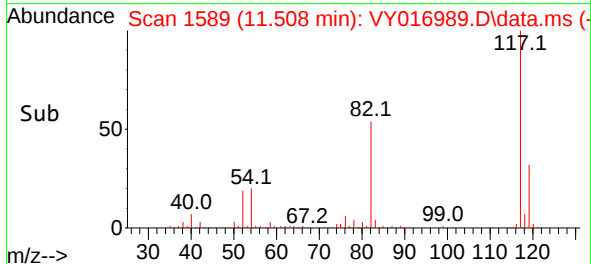
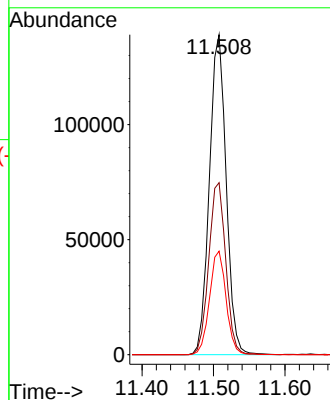
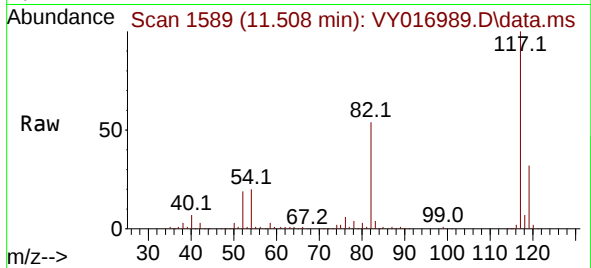




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016989.D
Acq: 12 Jan 2024 13:48

Instrument :
MSVOA_Y
ClientSampleId :
MEDIAN-WEST-SIDE-HOWARD-BLVD

Tgt Ion:117 Resp: 226734
Ion Ratio Lower Upper
117 100
82 53.8 43.8 65.8
119 32.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016989.D
Acq: 12 Jan 2024 13:48

Tgt Ion:152 Resp: 85242
Ion Ratio Lower Upper
152 100
115 60.0 30.0 90.0
150 158.7 0.0 344.6

