

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
 Data File : VY016988.D
 Acq On : 12 Jan 2024 13:24
 Operator : SY/MD
 Sample : P1123-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BASIN-5-TRUCK-STOP-TOP

Quant Time: Jan 13 00:04:44 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	62062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	115700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	100421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	33961	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	24741	40.334	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.660%
35) Dibromofluoromethane	7.740	113	27743	37.629	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.260%
50) Toluene-d8	10.197	98	100954	39.764	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.520%
62) 4-Bromofluorobenzene	12.495	95	27137	31.681	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	63.360%

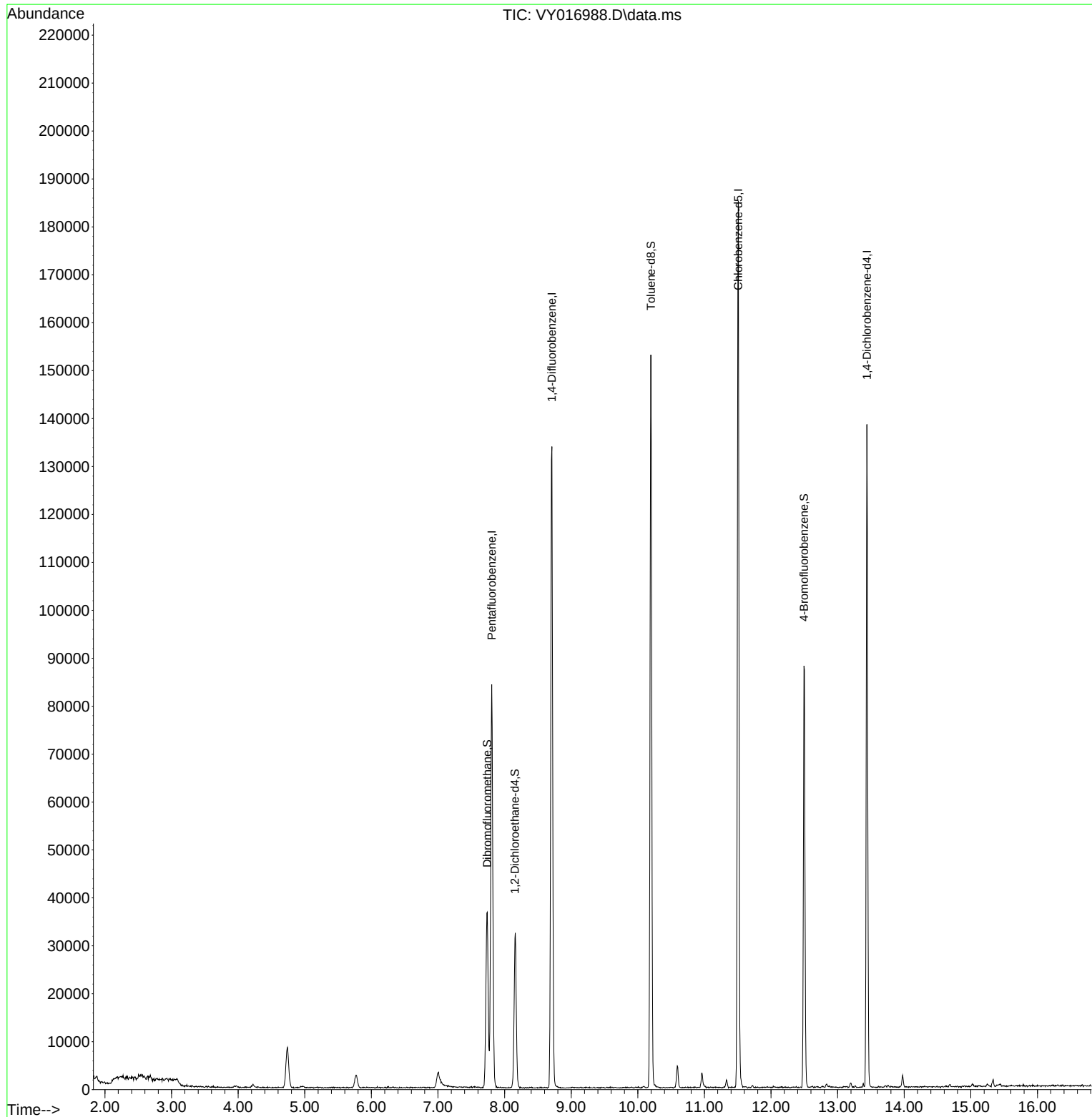
Target Compounds	Qvalue

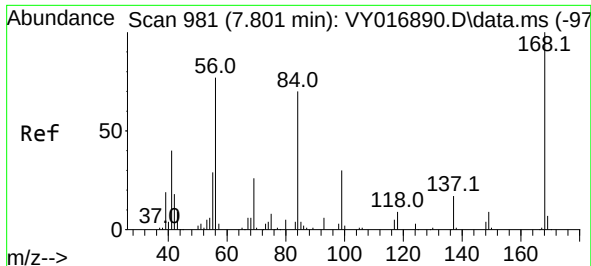
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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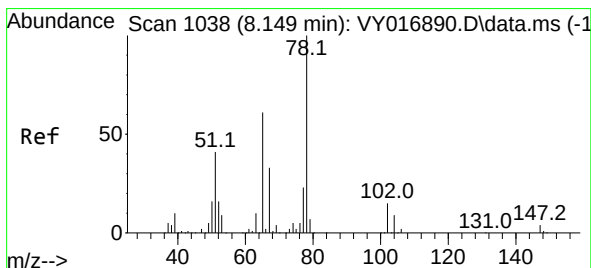
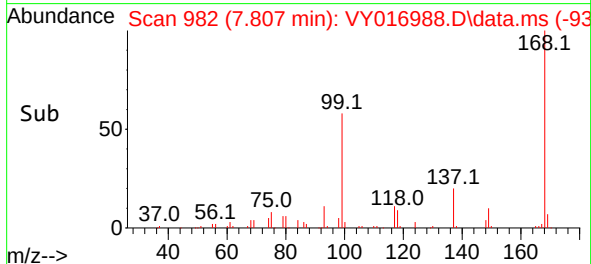
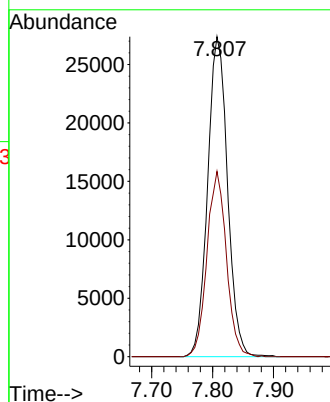
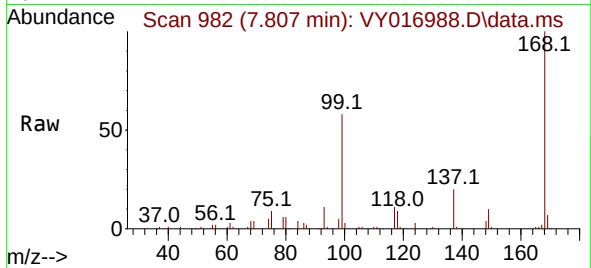




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016988.D
Acq: 12 Jan 2024 13:24

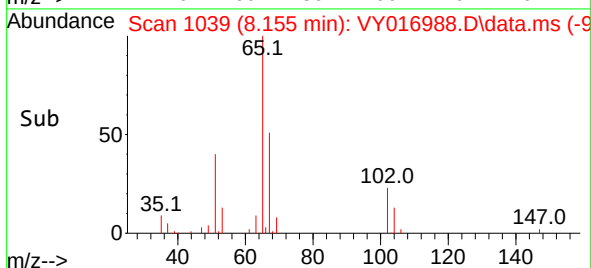
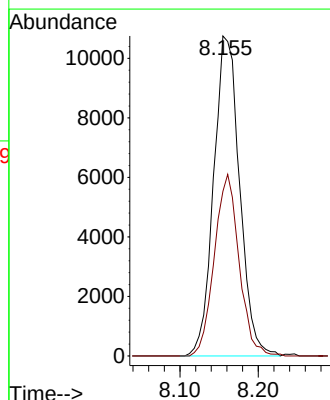
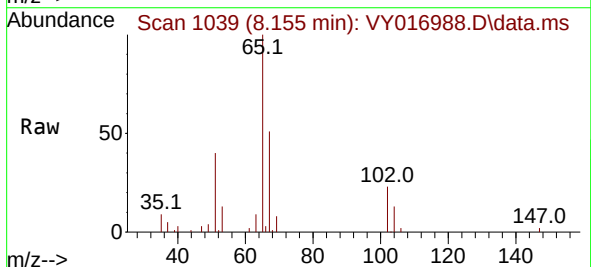
Instrument :
MSVOA_Y
ClientSampleId :
BASIN-5-TRUCK-STOP-TOP

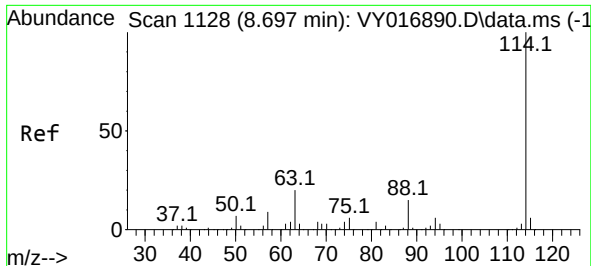
Tgt Ion:168 Resp: 62062
Ion Ratio Lower Upper
168 100
99 57.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 40.334 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016988.D
Acq: 12 Jan 2024 13:24

Tgt Ion: 65 Resp: 24741
Ion Ratio Lower Upper
65 100
67 54.1 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: VY016988.D

Acq: 12 Jan 2024 13:24

Instrument :

MSVOA_Y

ClientSampleId :

BASIN-5-TRUCK-STOP-TOP

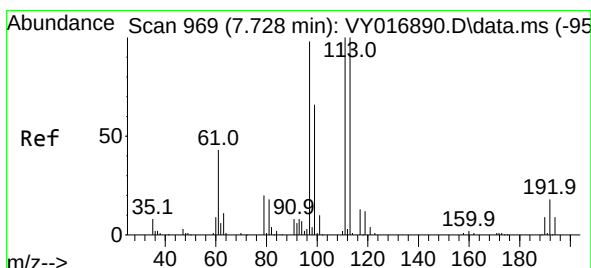
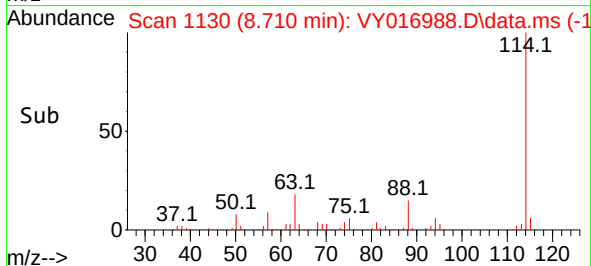
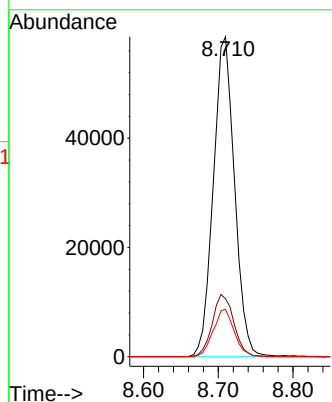
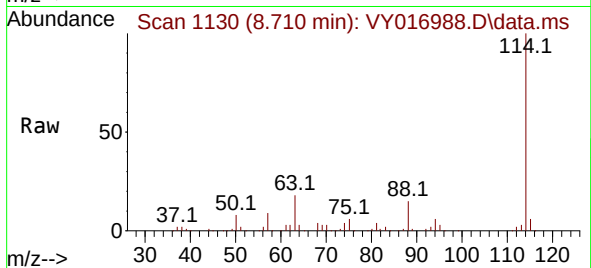
Tgt Ion:114 Resp: 115700

Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.4

88 14.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 37.629 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016988.D

Acq: 12 Jan 2024 13:24

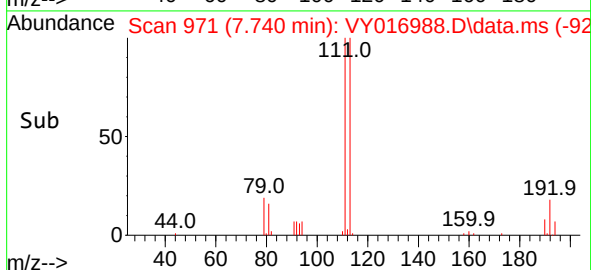
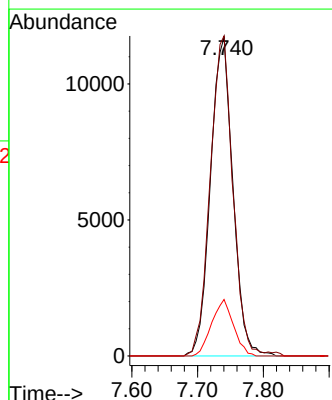
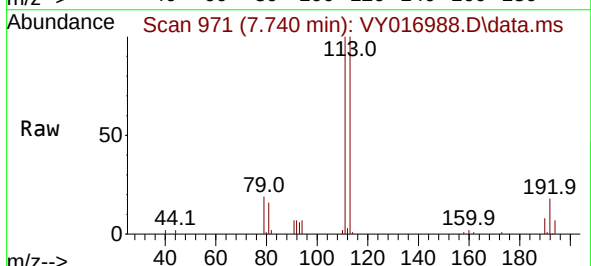
Tgt Ion:113 Resp: 27743

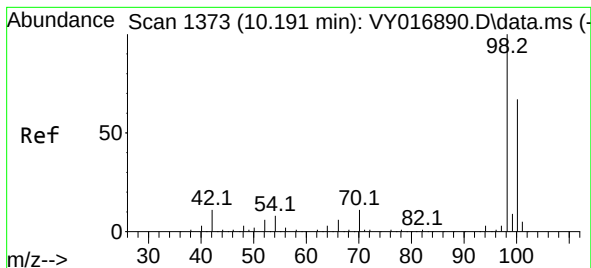
Ion Ratio Lower Upper

113 100

111 101.2 83.8 125.6

192 17.4 14.5 21.7





#50

Toluene-d8

Concen: 39.764 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016988.D

Acq: 12 Jan 2024 13:24

Instrument :

MSVOA_Y

ClientSampleId :

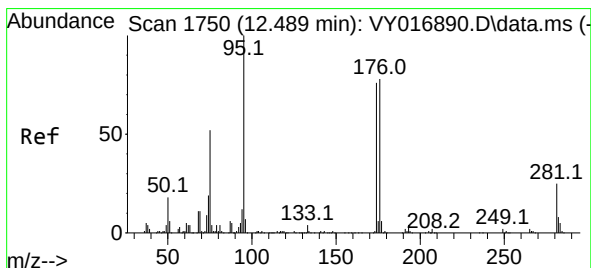
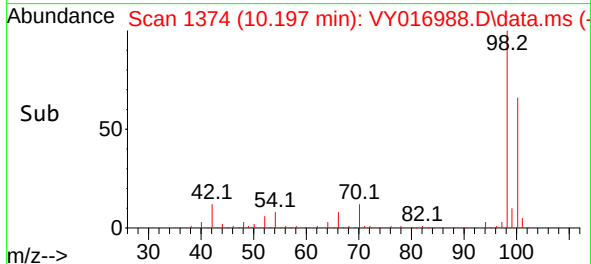
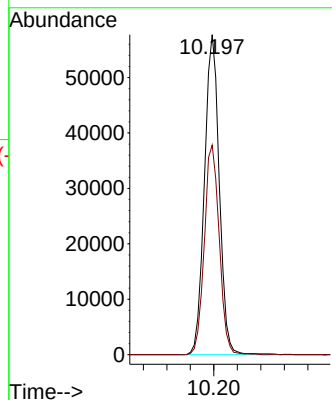
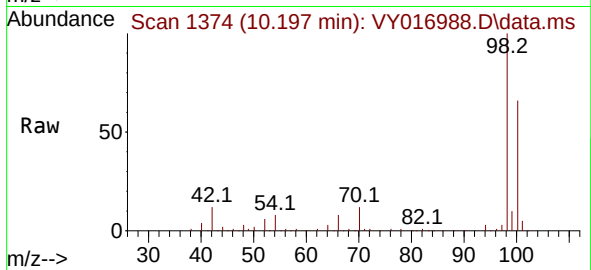
BASIN-5-TRUCK-STOP-TOP

Tgt Ion: 98 Resp: 100954

Ion Ratio Lower Upper

98 100

100 65.9 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 31.681 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016988.D

Acq: 12 Jan 2024 13:24

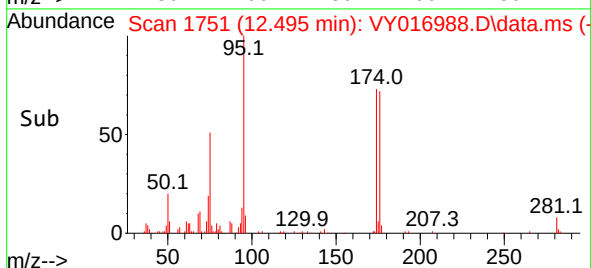
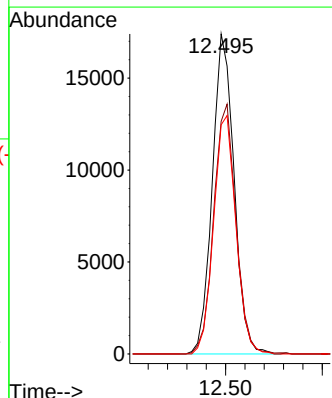
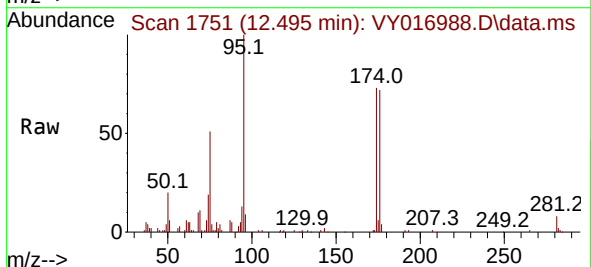
Tgt Ion: 95 Resp: 27137

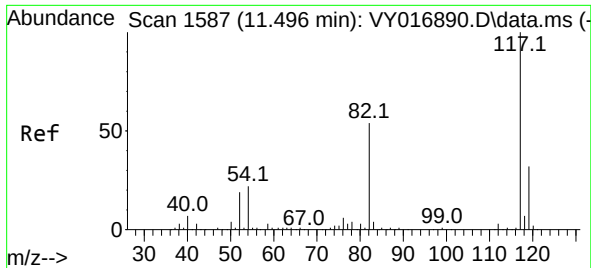
Ion Ratio Lower Upper

95 100

174 80.1 0.0 160.0

176 76.4 0.0 151.8

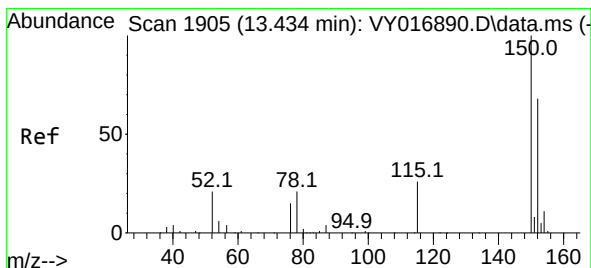
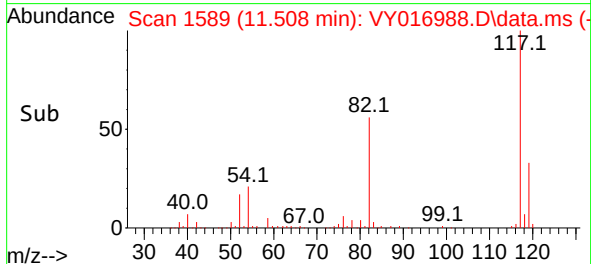
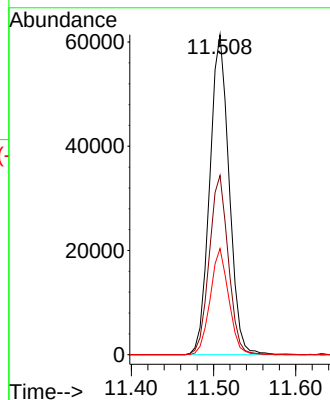
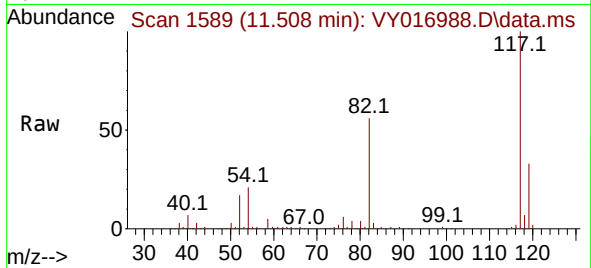




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016988.D
Acq: 12 Jan 2024 13:24

Instrument :
MSVOA_Y
ClientSampleId :
BASIN-5-TRUCK-STOP-TOP

Tgt Ion:117 Resp: 100421
Ion Ratio Lower Upper
117 100
82 56.0 43.8 65.8
119 33.1 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: VY016988.D
Acq: 12 Jan 2024 13:24

Tgt Ion:152 Resp: 33961
Ion Ratio Lower Upper
152 100
115 59.1 30.0 90.0
150 157.5 0.0 344.6

