

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
 Data File : VY016992.D
 Acq On : 12 Jan 2024 14:58
 Operator : SY/MD
 Sample : P1123-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jan 13 00:06:16 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	110308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	234916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	229070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	86577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	54025	49.553	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.100%
35) Dibromofluoromethane	7.734	113	56335	37.633	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.260%
50) Toluene-d8	10.191	98	208104	40.371	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.740%
62) 4-Bromofluorobenzene	12.496	95	66562	38.272	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.540%

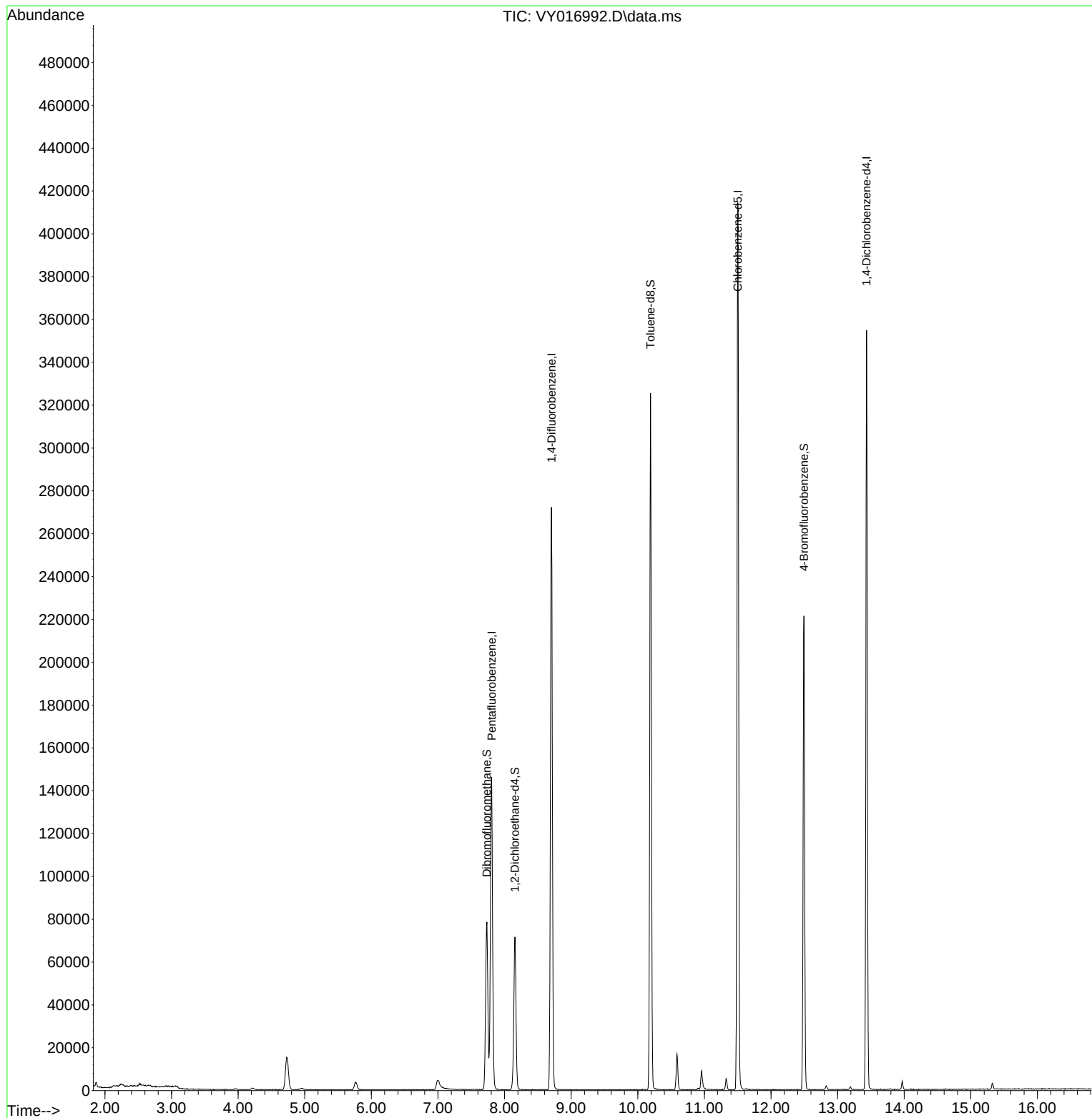
Target Compounds	Qvalue

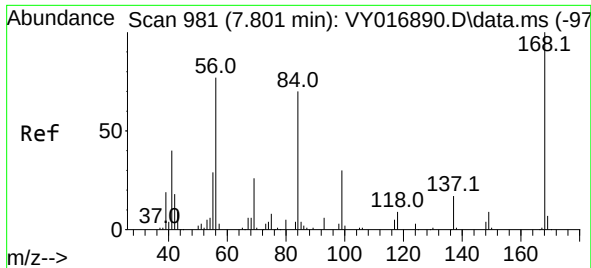
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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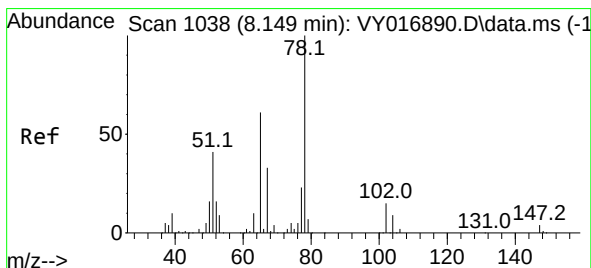
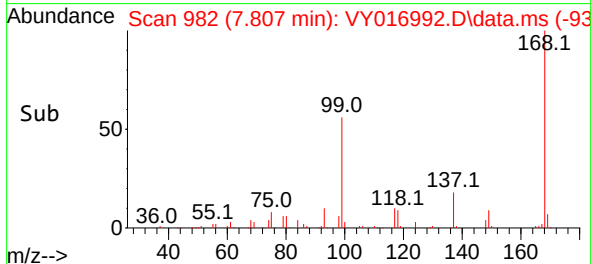
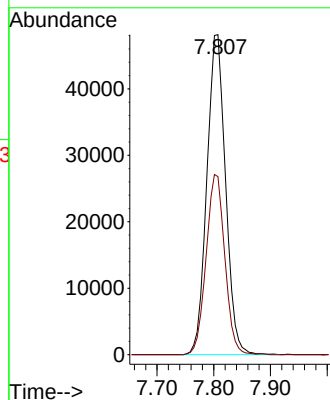
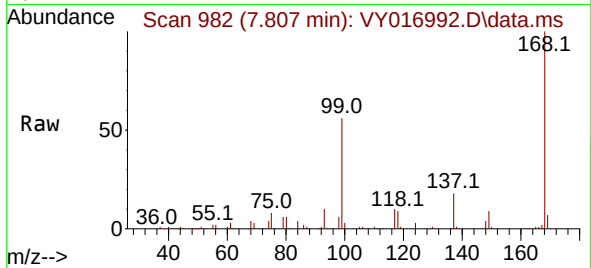




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016992.D
Acq: 12 Jan 2024 14:58

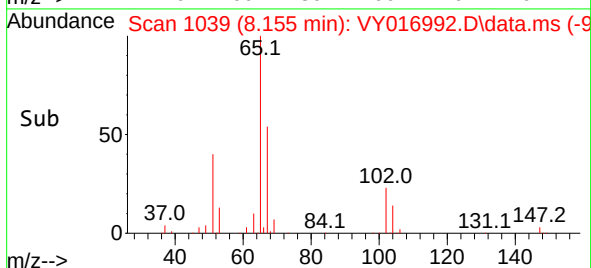
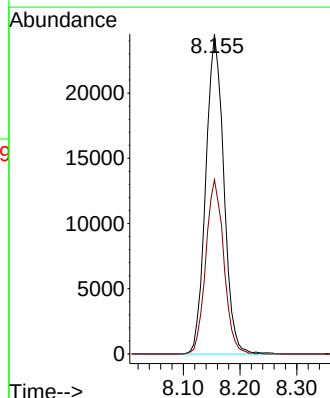
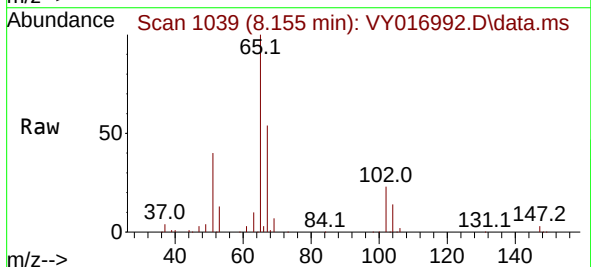
Instrument :
MSVOA_Y
ClientSampleId :
BASIN-5-TRUCK-STOP-BOTTOM

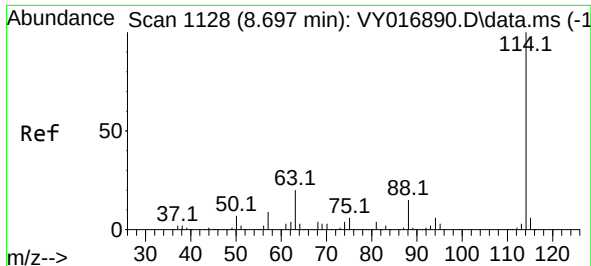
Tgt Ion:168 Resp: 110308
Ion Ratio Lower Upper
168 100
99 55.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 49.553 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016992.D
Acq: 12 Jan 2024 14:58

Tgt Ion: 65 Resp: 54025
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1128

Delta R.T. 0.001 min

Lab File: VY016992.D

Acq: 12 Jan 2024 14:58

Instrument :

MSVOA_Y

ClientSampleId :

BASIN-5-TRUCK-STOP-BOTTOM

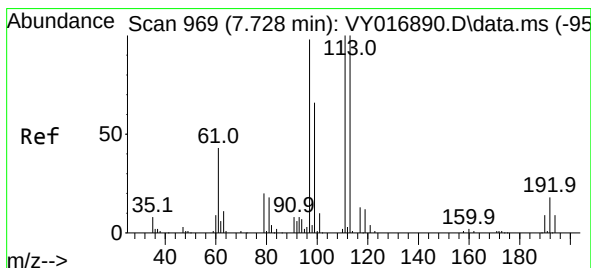
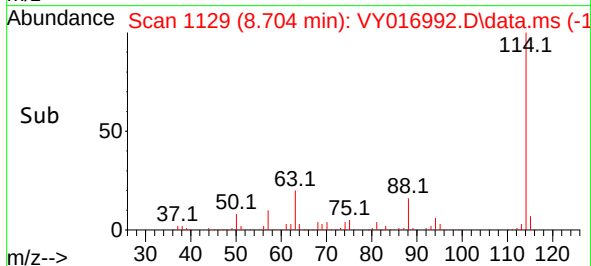
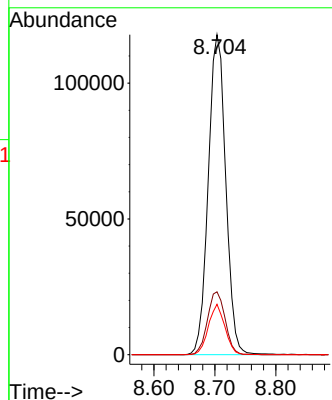
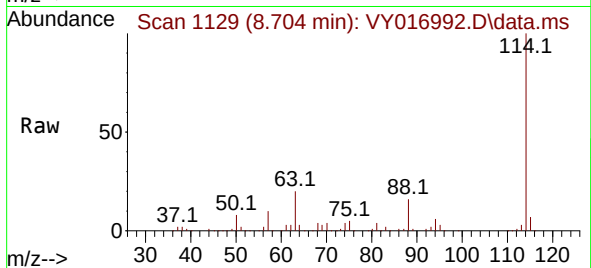
Tgt Ion:114 Resp: 234916

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

88 15.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 37.633 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016992.D

Acq: 12 Jan 2024 14:58

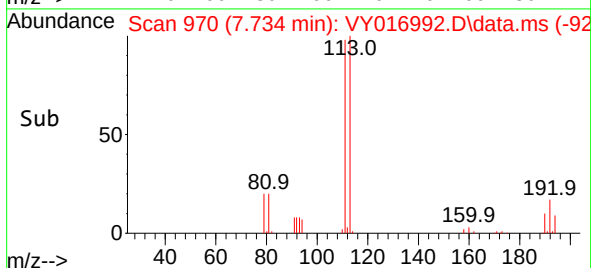
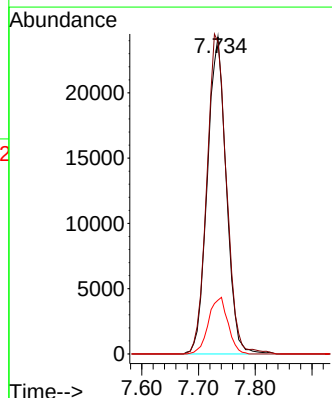
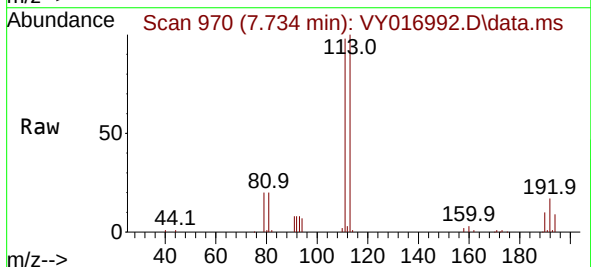
Tgt Ion:113 Resp: 56335

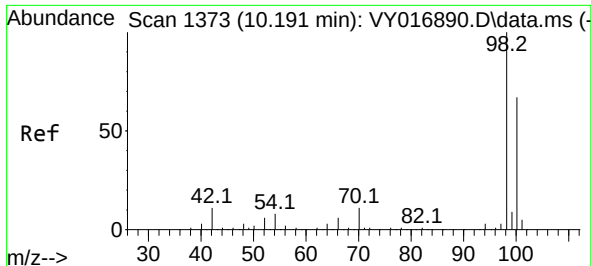
Ion Ratio Lower Upper

113 100

111 104.3 83.8 125.6

192 18.3 14.5 21.7

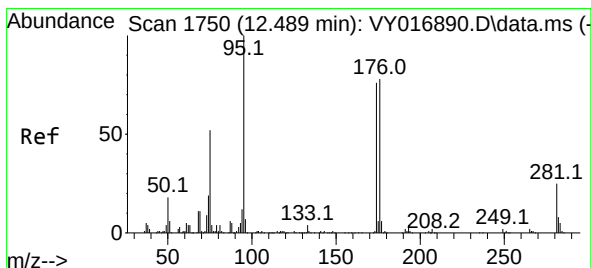
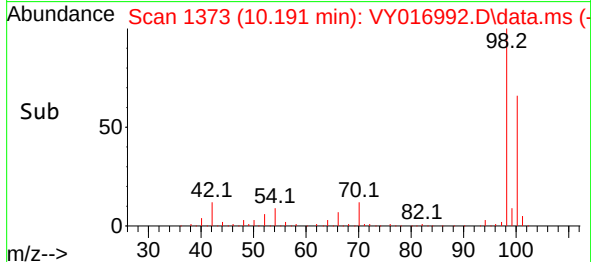
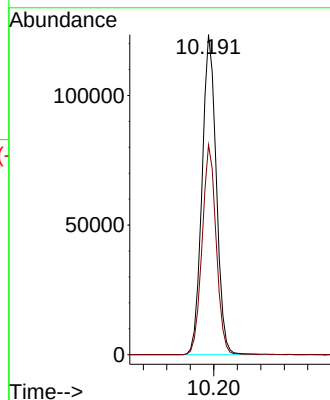
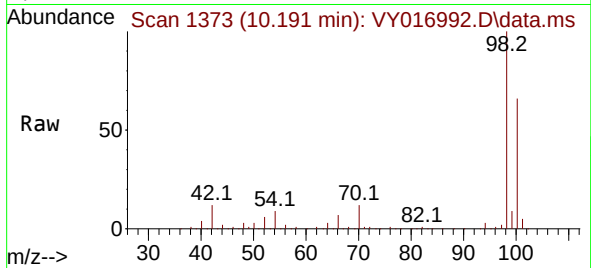




#50
Toluene-d8
Concen: 40.371 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016992.D
Acq: 12 Jan 2024 14:58

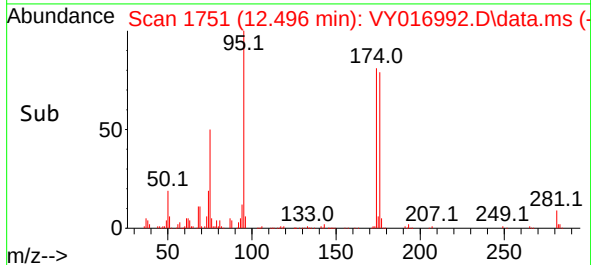
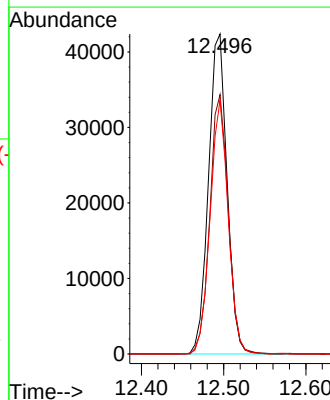
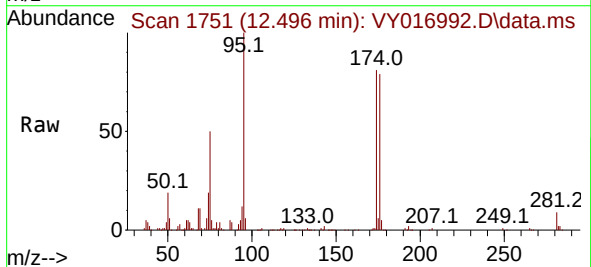
Instrument :
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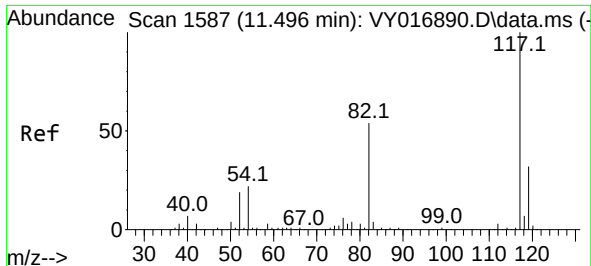
Tgt Ion: 98 Resp: 208104
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 38.272 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.007 min
Lab File: VY016992.D
Acq: 12 Jan 2024 14:58

Tgt Ion: 95 Resp: 66562
Ion Ratio Lower Upper
95 100
174 80.4 0.0 160.0
176 76.9 0.0 151.8

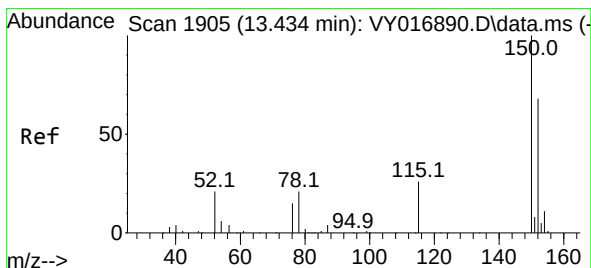
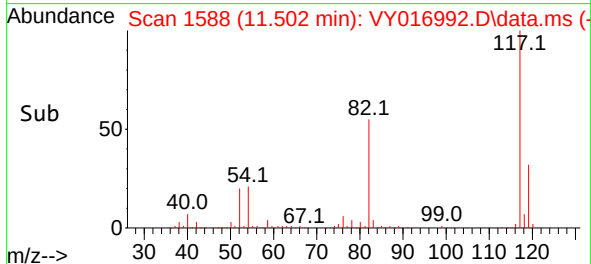
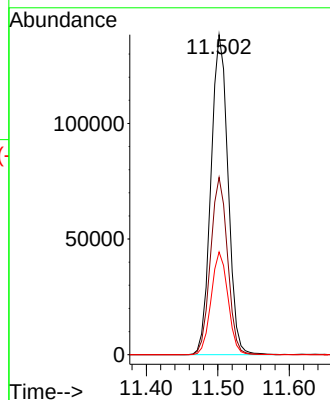
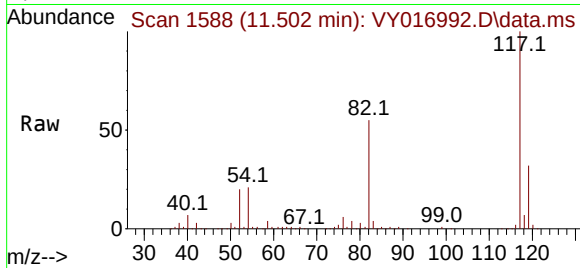




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016992.D
Acq: 12 Jan 2024 14:58

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

Tgt Ion:117 Resp: 229070
Ion Ratio Lower Upper
117 100
82 55.4 43.8 65.8
119 32.1 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016992.D
Acq: 12 Jan 2024 14:58

Tgt Ion:152 Resp: 86577
Ion Ratio Lower Upper
152 100
115 59.8 30.0 90.0
150 157.5 0.0 344.6

