

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
 Data File : VY016994.D
 Acq On : 12 Jan 2024 15:45
 Operator : SY/MD
 Sample : P1123-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jan 13 00:06:58 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	3621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	6532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	5740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1269	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	1871	52.279	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.560%
35) Dibromofluoromethane	7.734	113	1641	39.424	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.840%
50) Toluene-d8	10.197	98	5826	40.646	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.300%
62) 4-Bromofluorobenzene	12.495	95	1295	26.779	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	53.560%

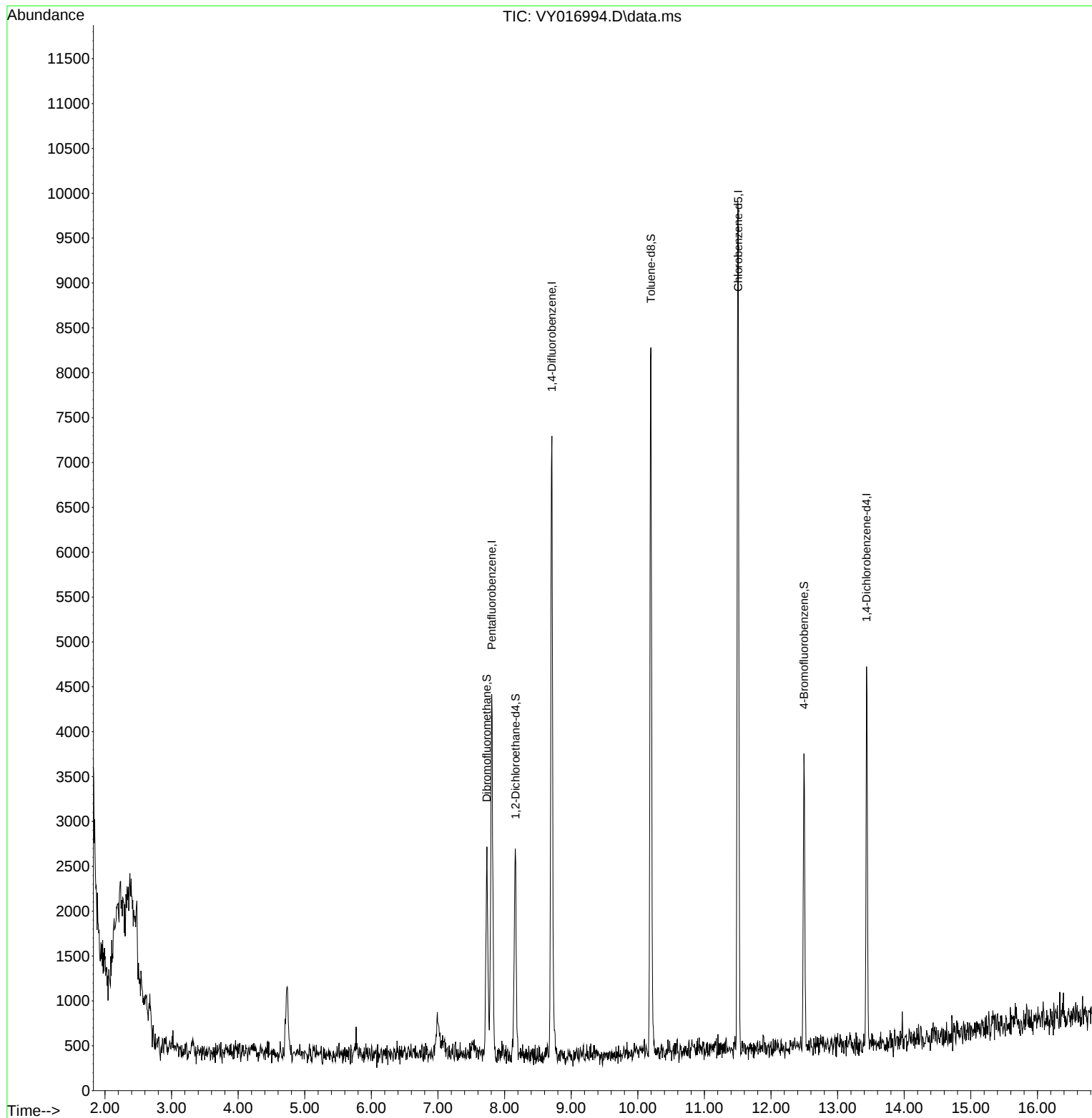
Target Compounds	Qvalue

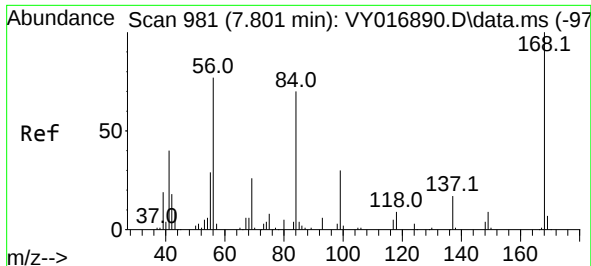
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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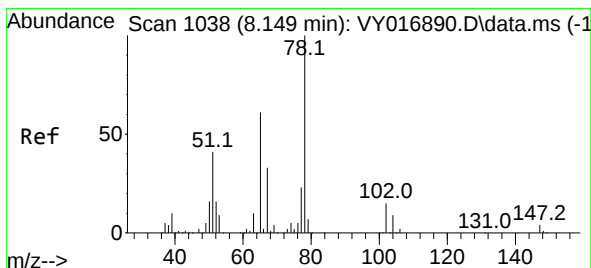
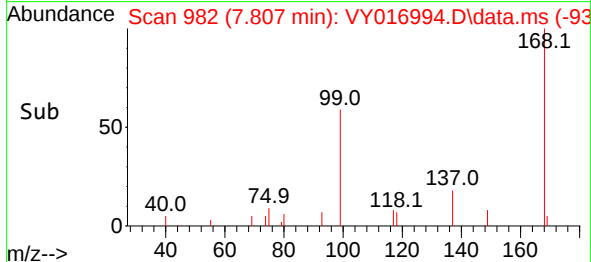
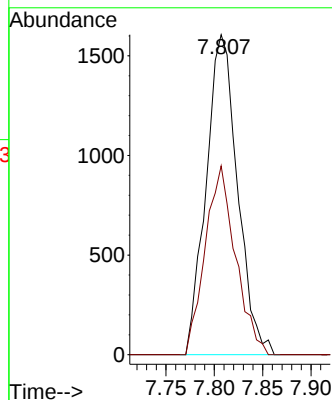
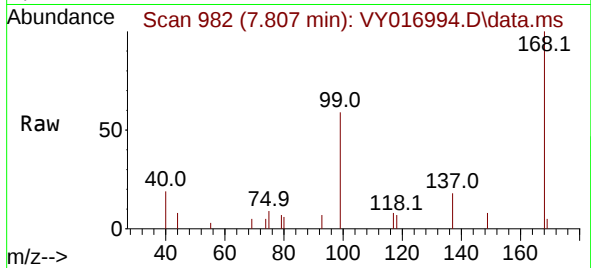




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016994.D
Acq: 12 Jan 2024 15:45

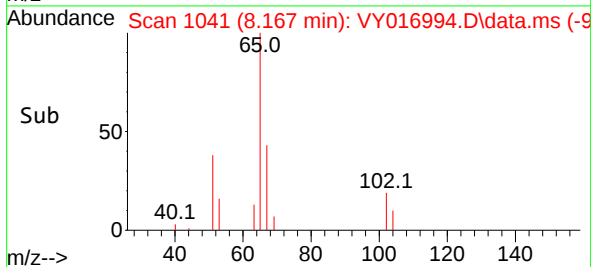
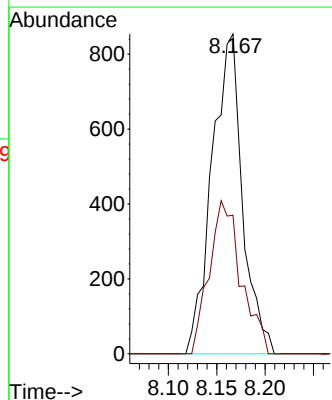
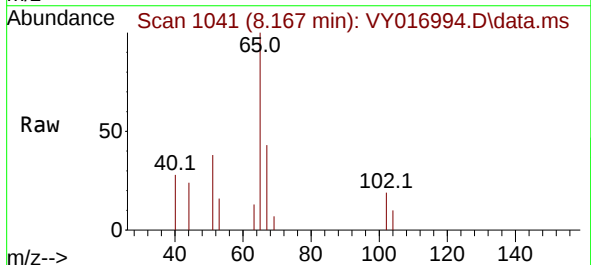
Instrument :
MSVOA_Y
ClientSampleId :
BASIN-5-TRUCK-STOP-TOPRE

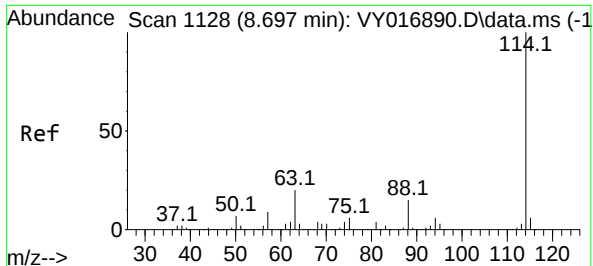
Tgt Ion:168 Resp: 3621
Ion Ratio Lower Upper
168 100
99 59.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 52.279 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016994.D
Acq: 12 Jan 2024 15:45

Tgt Ion: 65 Resp: 1871
Ion Ratio Lower Upper
65 100
67 50.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY016994.D

Acq: 12 Jan 2024 15:45

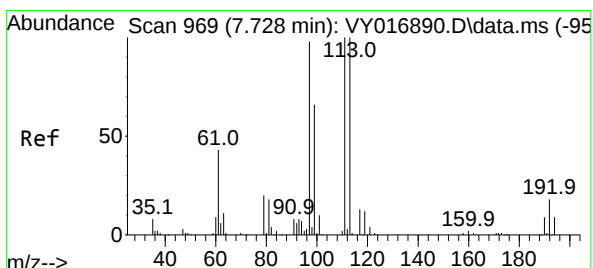
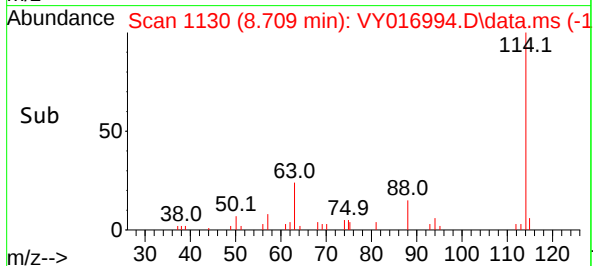
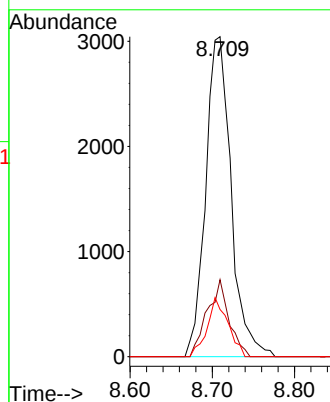
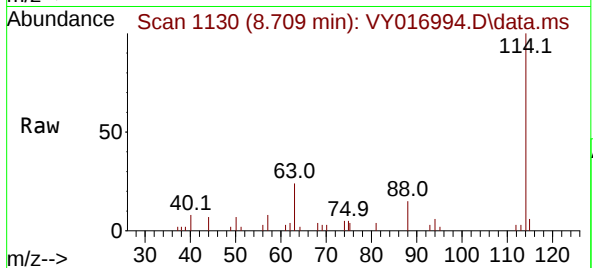
Instrument :

MSVOA_Y

ClientSampleId :

BASIN-5-TRUCK-STOP-TOPRE

Tgt Ion:114	Resp:	6532
Ion	Ratio	Lower Upper
114	100	
63	24.0	0.0 37.4
88	14.8	0.0 29.0



#35

Dibromofluoromethane

Concen: 39.424 ug/l

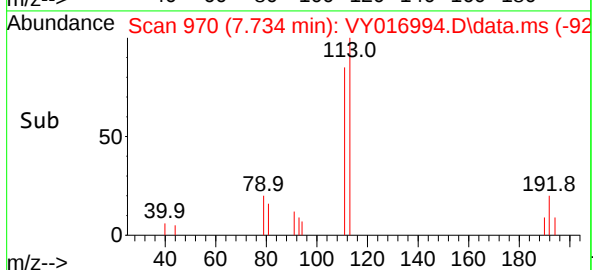
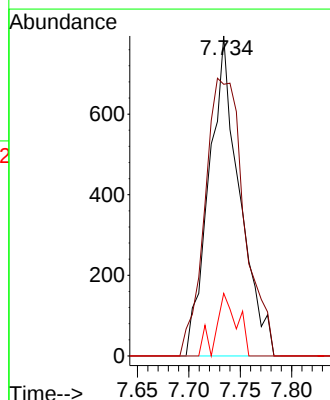
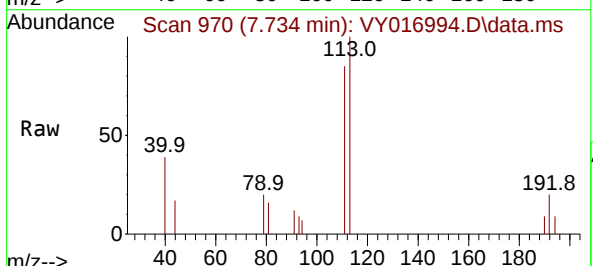
RT: 7.734 min Scan# 970

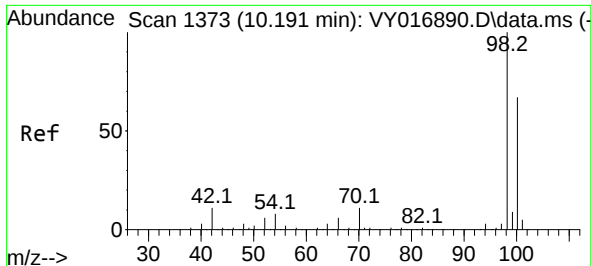
Delta R.T. 0.006 min

Lab File: VY016994.D

Acq: 12 Jan 2024 15:45

Tgt Ion:113	Resp:	1641
Ion	Ratio	Lower Upper
113	100	
111	111.3	83.8 125.6
192	13.5	14.5 21.7#

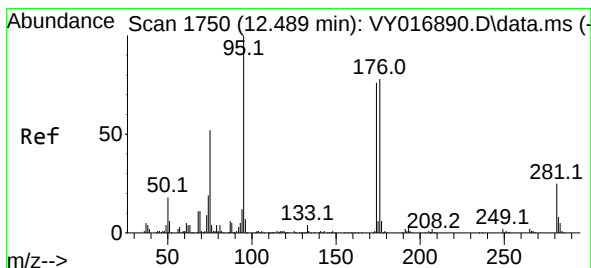
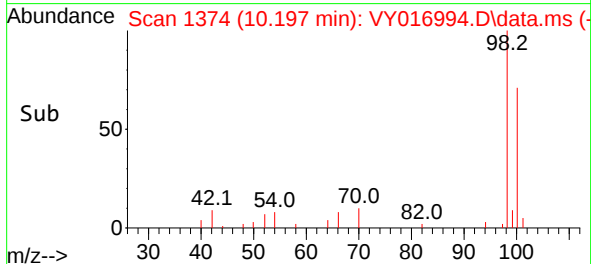
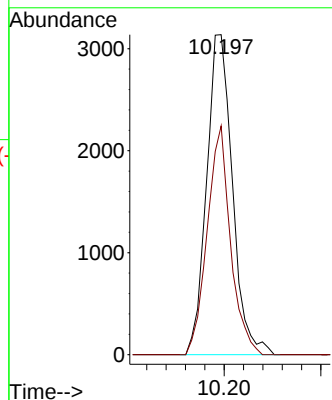
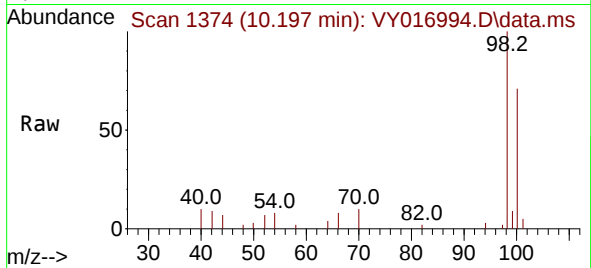




#50
Toluene-d8
Concen: 40.646 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016994.D
Acq: 12 Jan 2024 15:45

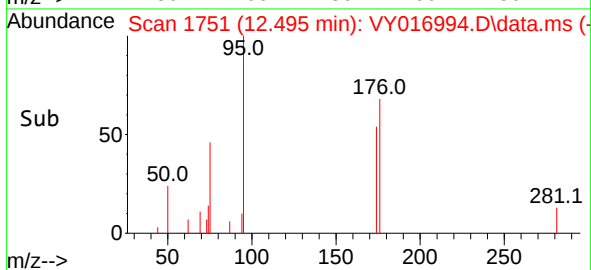
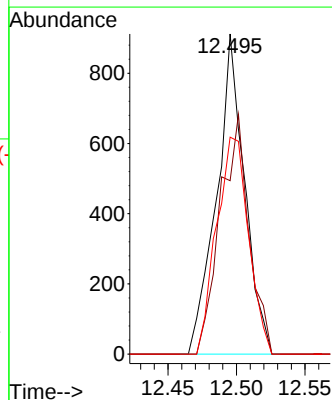
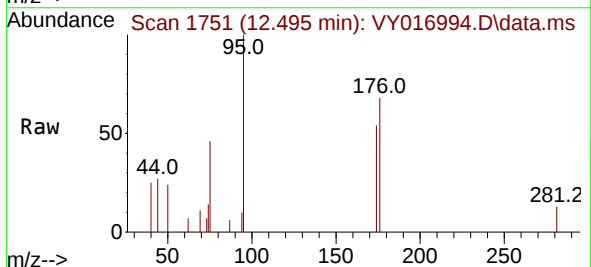
Instrument :
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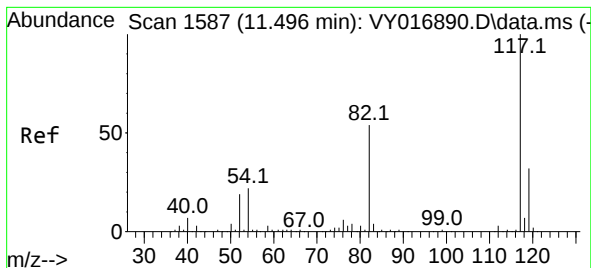
Tgt Ion: 98 Resp: 5826
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 26.779 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016994.D
Acq: 12 Jan 2024 15:45

Tgt Ion: 95 Resp: 1295
Ion Ratio Lower Upper
95 100
174 77.1 0.0 160.0
176 77.4 0.0 151.8

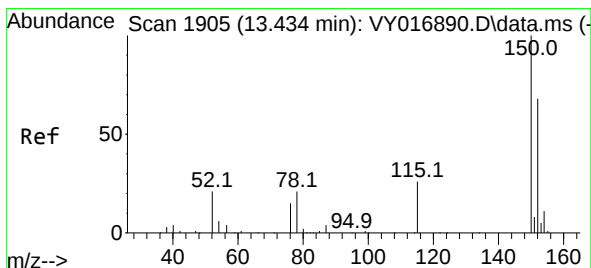
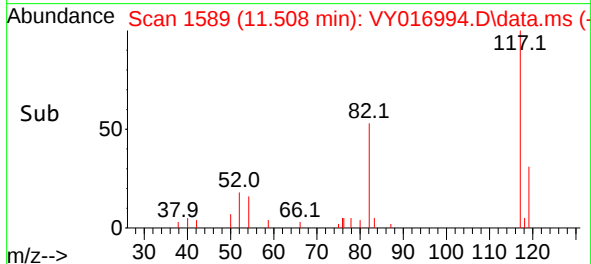
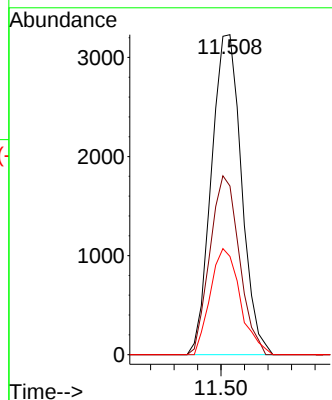
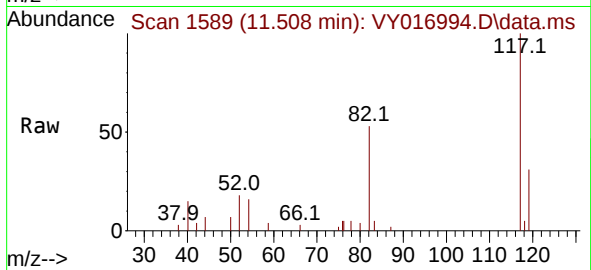




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016994.D
Acq: 12 Jan 2024 15:45

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

Tgt Ion:117 Resp: 5740
Ion Ratio Lower Upper
117 100
82 52.7 43.8 65.8
119 30.7 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: VY016994.D
Acq: 12 Jan 2024 15:45

Tgt Ion:152 Resp: 1269
Ion Ratio Lower Upper
152 100
115 61.9 30.0 90.0
150 155.6 0.0 344.6

