

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016947.D
 Acq On : 09 Jan 2024 14:37
 Operator : SY/MD
 Sample : P1068-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-010824

Quant Time: Jan 10 02:26:59 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)

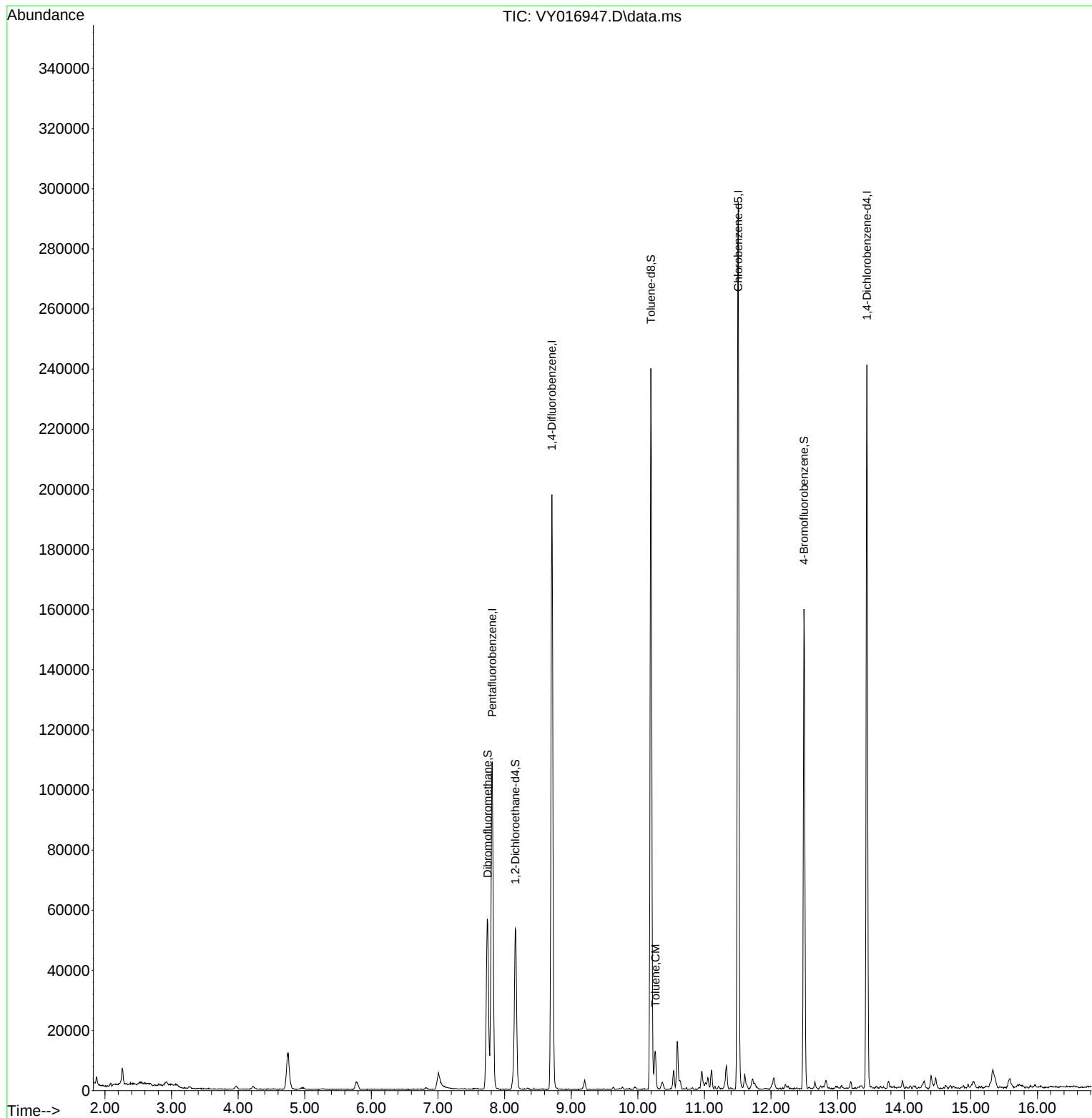
Internal Standards						
1) Pentafluorobenzene	7.813	168	80917	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	169360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	163577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	60160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	39875	49.859	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.720%
35) Dibromofluoromethane	7.746	113	41783	38.716	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.440%
50) Toluene-d8	10.197	98	149785	40.305	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.600%
62) 4-Bromofluorobenzene	12.495	95	47666	38.016	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.040%
Target Compounds						
52) Toluene	10.264	92	5457	1.916	ug/l	Qvalue 96

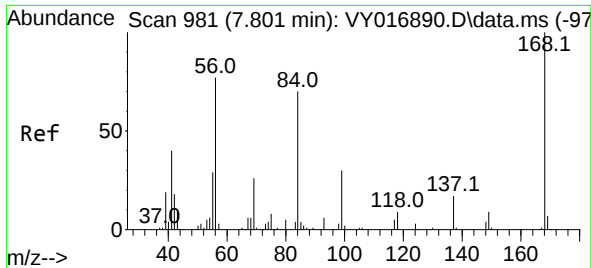
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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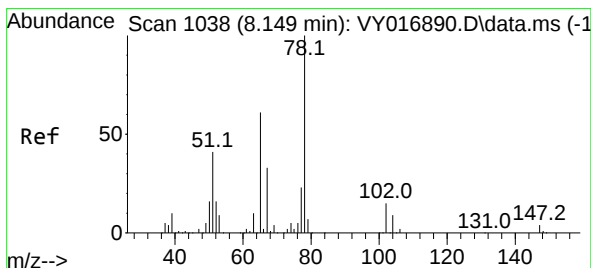
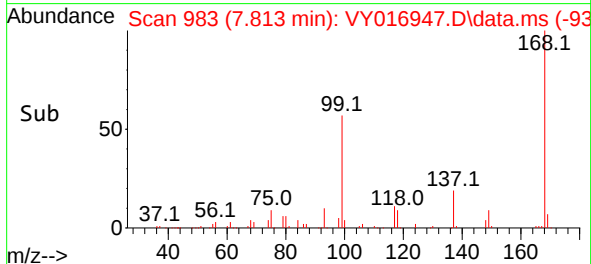
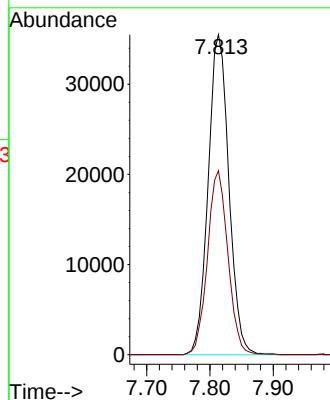
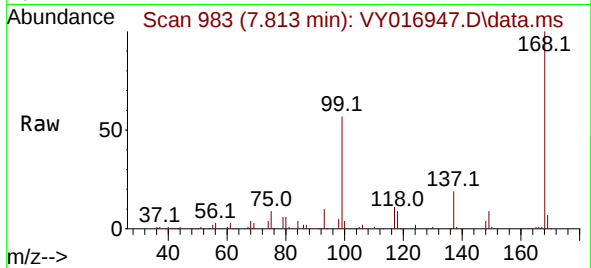




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016947.D
Acq: 09 Jan 2024 14:37

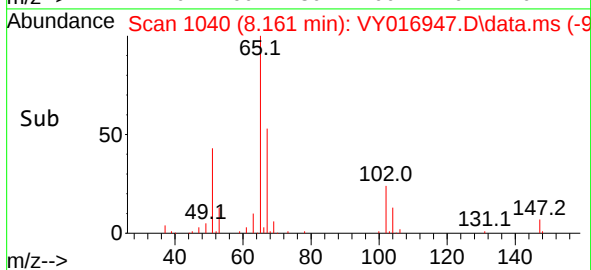
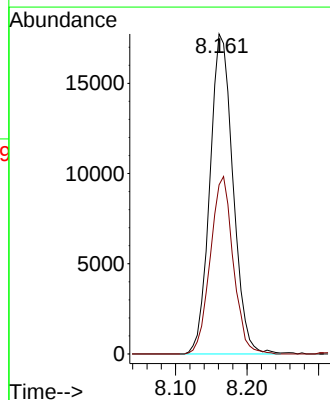
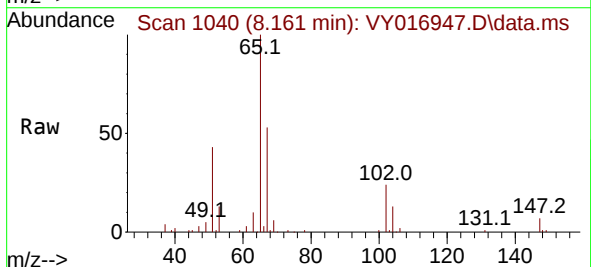
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-010824

Tgt Ion:168 Resp: 80917
Ion Ratio Lower Upper
168 100
99 57.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 49.859 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016947.D
Acq: 09 Jan 2024 14:37

Tgt Ion: 65 Resp: 39875
Ion Ratio Lower Upper
65 100
67 54.9 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: VY016947.D

Acq: 09 Jan 2024 14:37

Instrument :

MSVOA_Y

ClientSampleId :

CL-01-010824

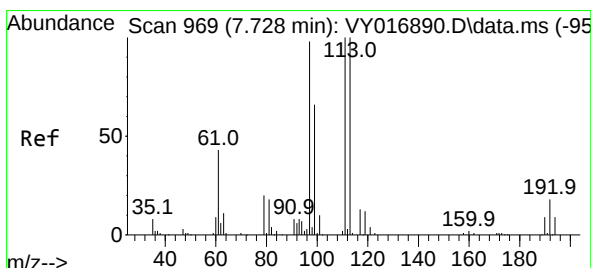
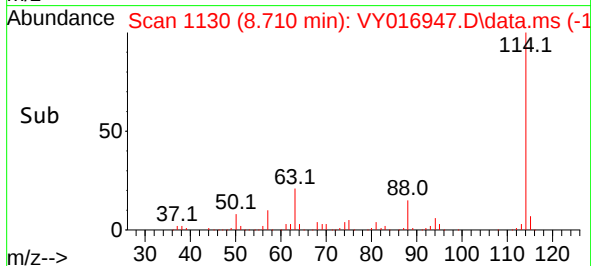
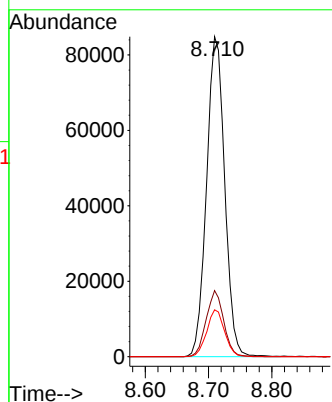
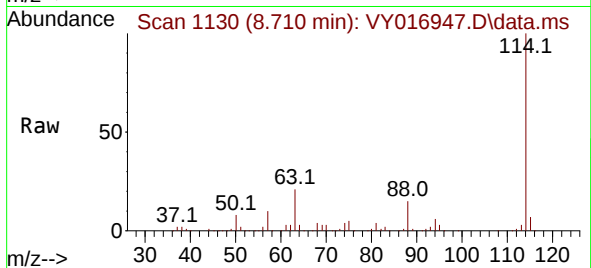
Tgt Ion:114 Resp: 169360

Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 14.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.716 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY016947.D

Acq: 09 Jan 2024 14:37

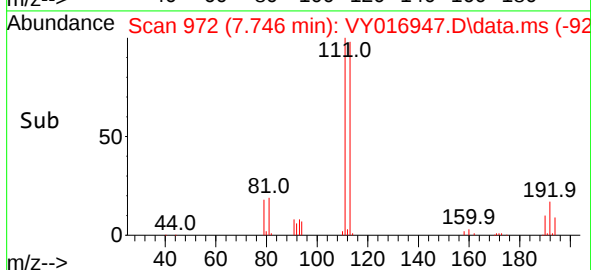
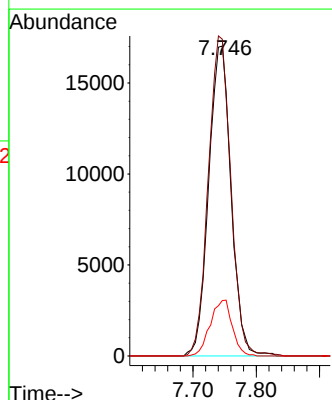
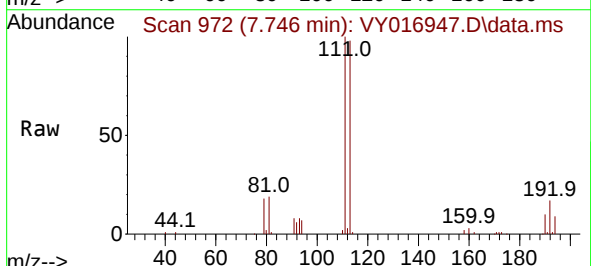
Tgt Ion:113 Resp: 41783

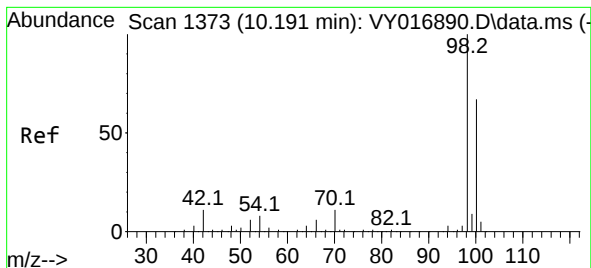
Ion Ratio Lower Upper

113 100

111 103.8 83.8 125.6

192 17.7 14.5 21.7





#50

Toluene-d8

Concen: 40.305 ug/l

RT: 10.197 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY016947.D

Acq: 09 Jan 2024 14:37

Instrument :

MSVOA_Y

ClientSampleId :

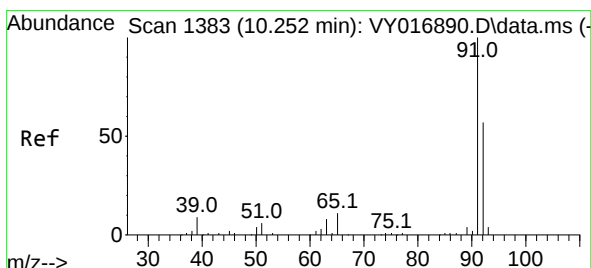
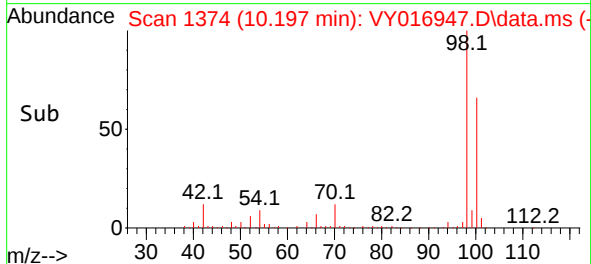
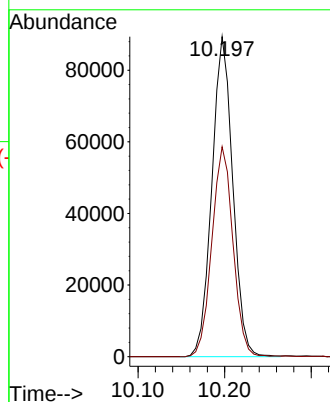
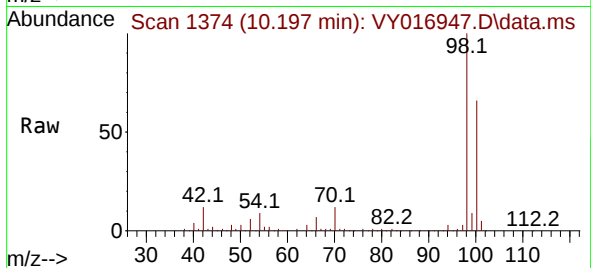
CL-01-010824

Tgt Ion: 98 Resp: 149785

Ion Ratio Lower Upper

98 100

100 66.2 52.3 78.5



#52

Toluene

Concen: 1.916 ug/l

RT: 10.264 min Scan# 1385

Delta R.T. 0.012 min

Lab File: VY016947.D

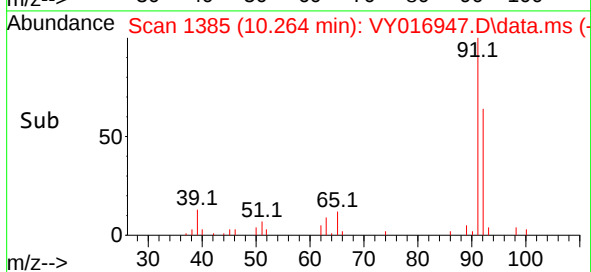
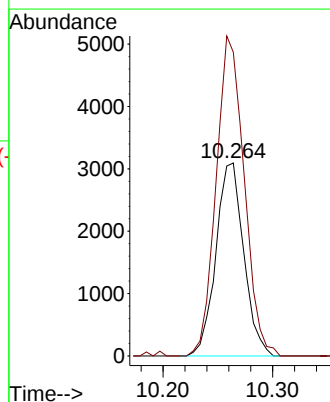
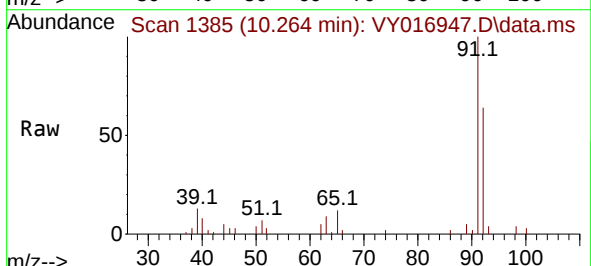
Acq: 09 Jan 2024 14:37

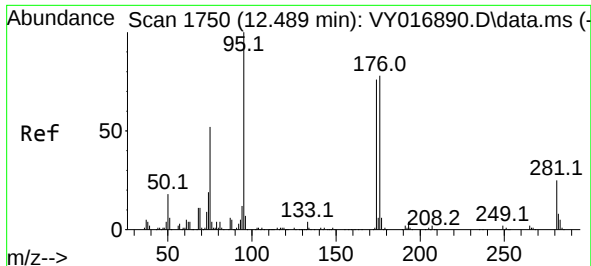
Tgt Ion: 92 Resp: 5457

Ion Ratio Lower Upper

92 100

91 167.1 137.6 206.4

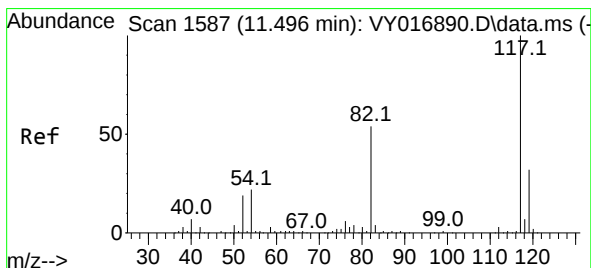
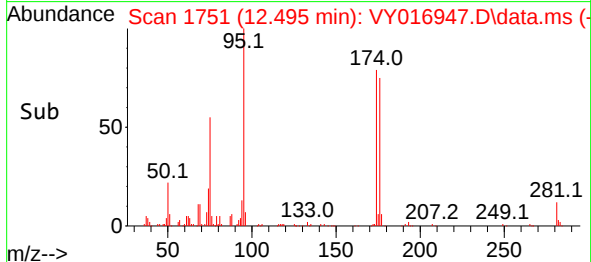
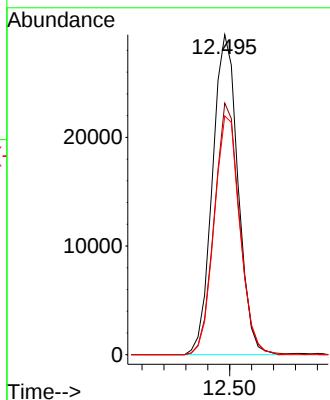
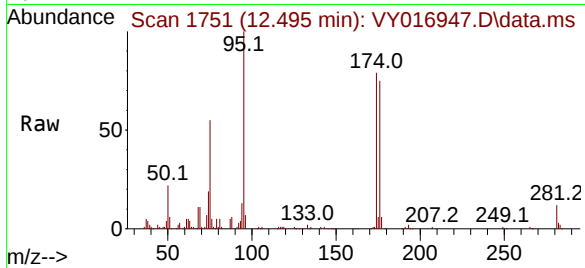




#62
4-Bromofluorobenzene
Concen: 38.016 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016947.D
Acq: 09 Jan 2024 14:37

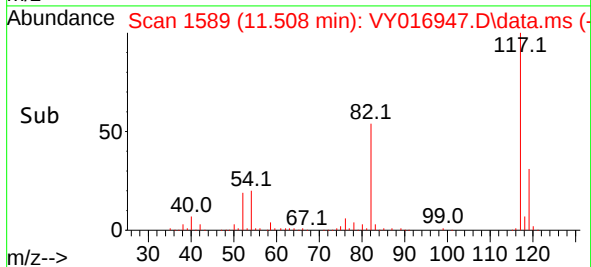
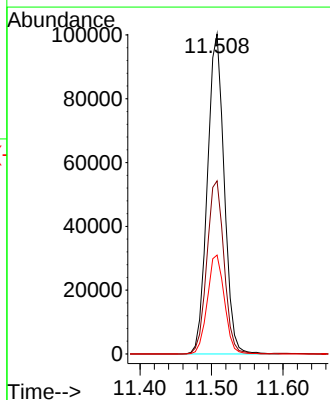
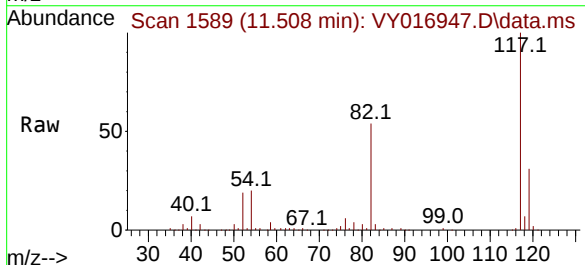
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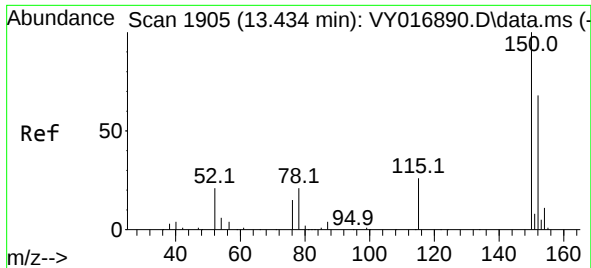
Tgt Ion: 95 Resp: 47666
Ion Ratio Lower Upper
95 100
174 77.7 0.0 160.0
176 75.3 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016947.D
Acq: 09 Jan 2024 14:37

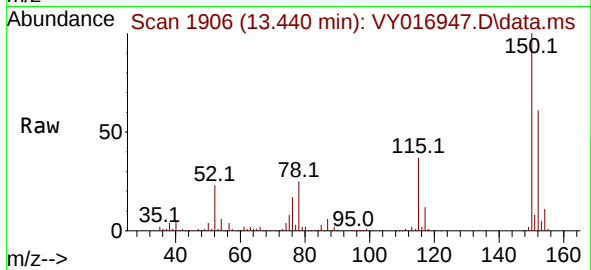
Tgt Ion: 117 Resp: 163577
Ion Ratio Lower Upper
117 100
82 54.1 43.8 65.8
119 30.9 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.006 min
 Lab File: VY016947.D
 Acq: 09 Jan 2024 14:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-010824



Tgt Ion:152 Resp: 60160
 Ion Ratio Lower Upper
 152 100
 115 58.9 30.0 90.0
 150 157.0 0.0 344.6

