

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
 Data File : VY011542.D
 Acq On : 22 Nov 2022 12:54
 Operator : KP/MD
 Sample : N5735-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-111822

Quant Time: Nov 23 04:06:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

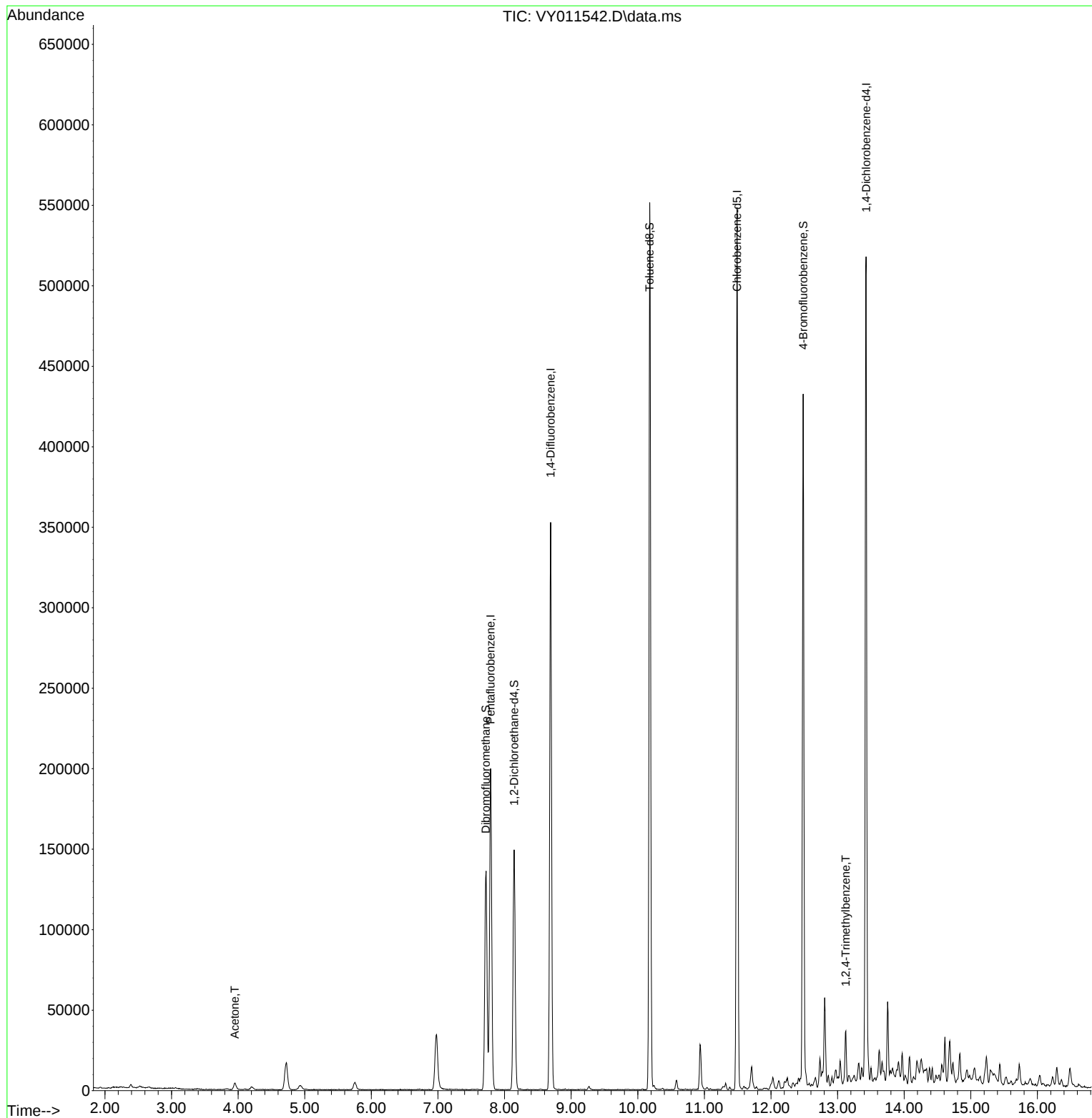
Internal Standards						
1) Pentafluorobenzene	7.789	168	147357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	288123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	282404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	114555	76.561	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.120%
35) Dibromofluoromethane	7.716	113	96536	54.427	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.860%
50) Toluene-d8	10.179	98	355322	55.129	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.260%
62) 4-Bromofluorobenzene	12.483	95	122365	51.348	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.700%
Target Compounds						
						Qvalue
16) Acetone	3.948	43	7353	15.129	ug/l	# 89
84) 1,2,4-Trimethylbenzene	13.123	105	16669	2.135	ug/l	100

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

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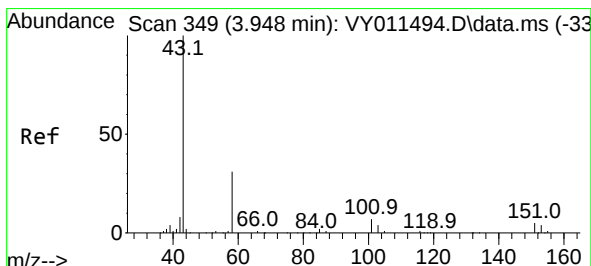
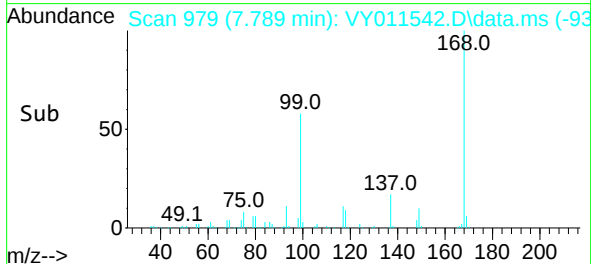
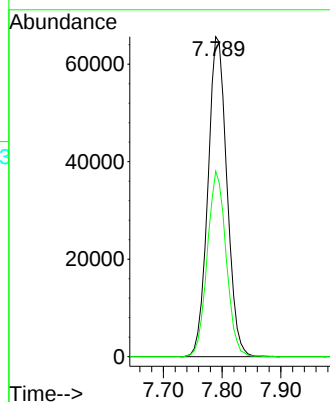
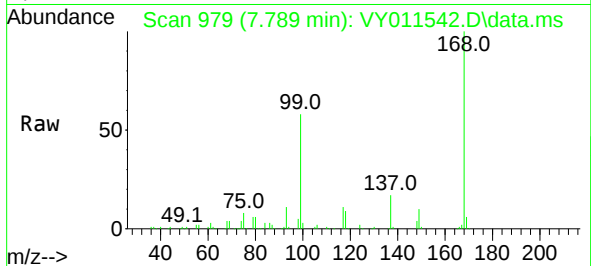




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011542.D
Acq: 22 Nov 2022 12:54

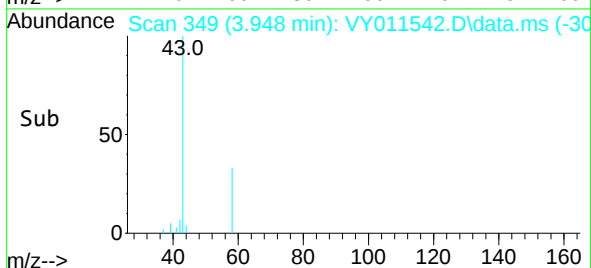
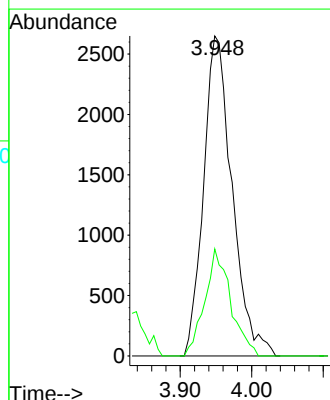
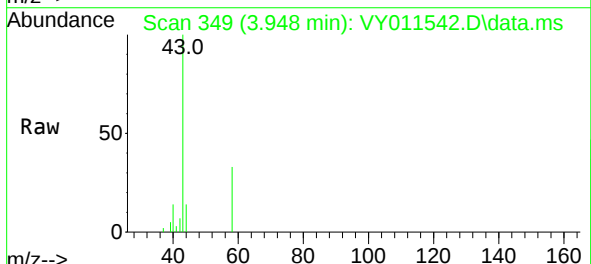
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-111822

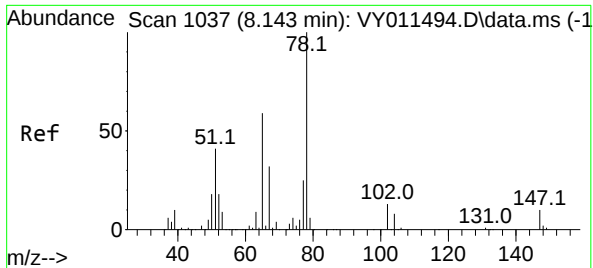
Tgt Ion:168 Resp: 147357
Ion Ratio Lower Upper
168 100
99 58.0 46.9 70.3



#16
Acetone
Concen: 15.129 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011542.D
Acq: 22 Nov 2022 12:54

Tgt Ion: 43 Resp: 7353
Ion Ratio Lower Upper
43 100
58 33.4 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 76.561 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011542.D

Acq: 22 Nov 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

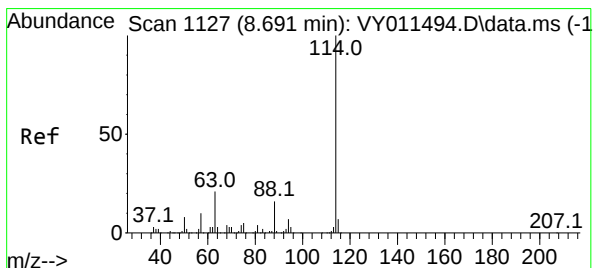
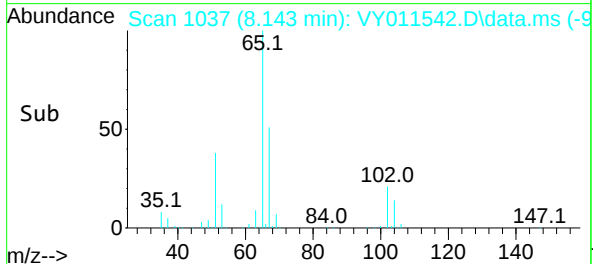
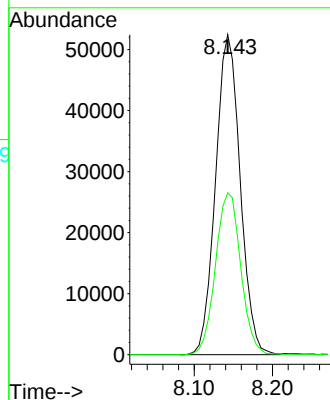
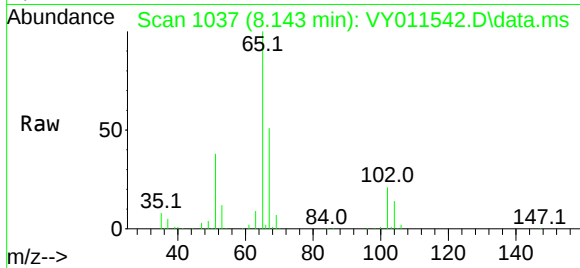
TR-04-111822

Tgt Ion: 65 Resp: 114555

Ion Ratio Lower Upper

65 100

67 52.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011542.D

Acq: 22 Nov 2022 12:54

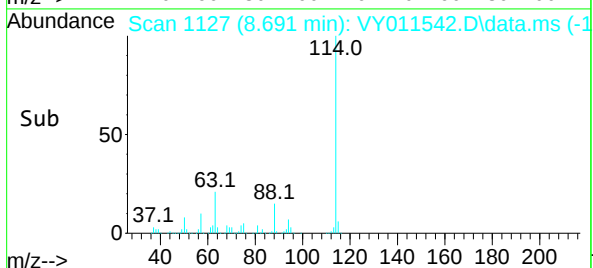
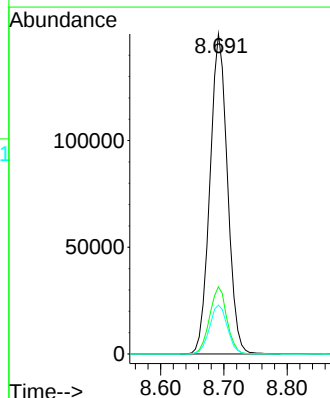
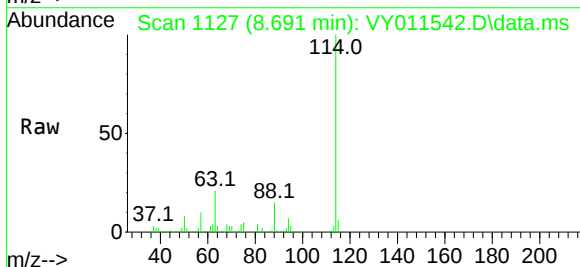
Tgt Ion: 114 Resp: 288123

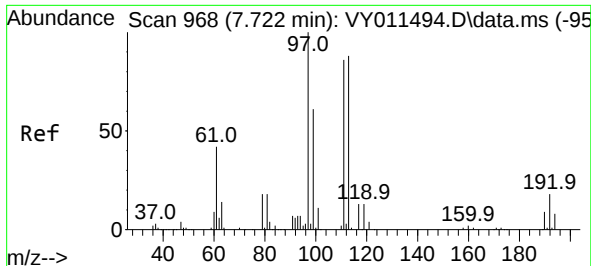
Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

88 15.2 0.0 31.8

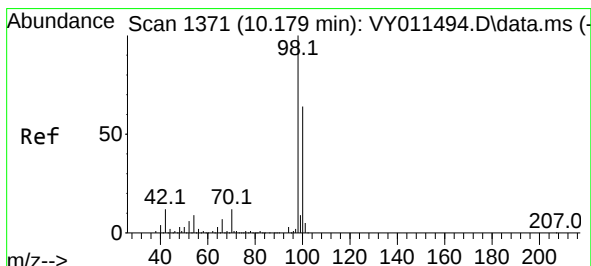
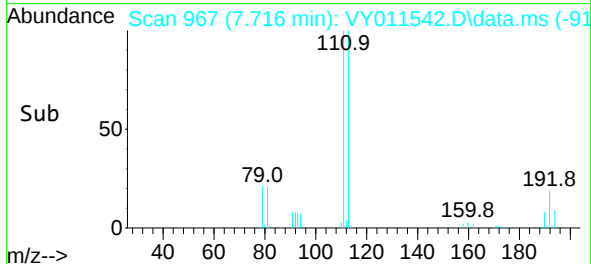
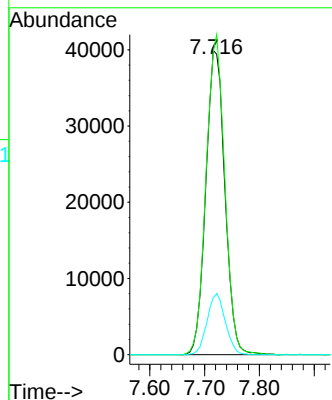
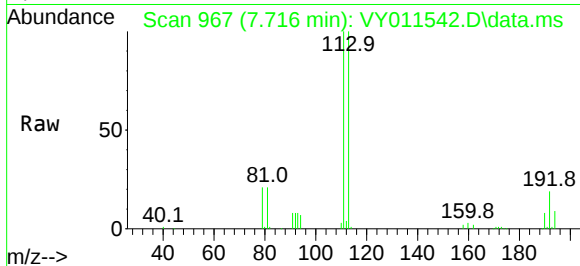




#35
Dibromofluoromethane
Concen: 54.427 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY011542.D
Acq: 22 Nov 2022 12:54

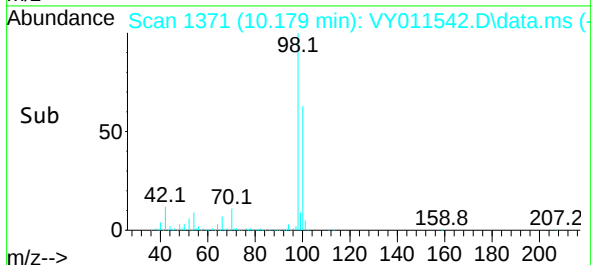
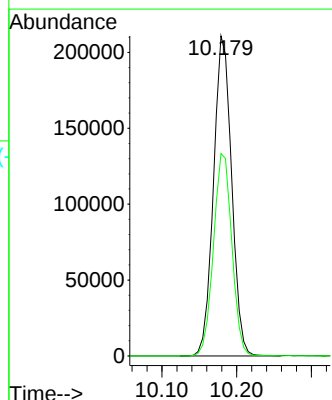
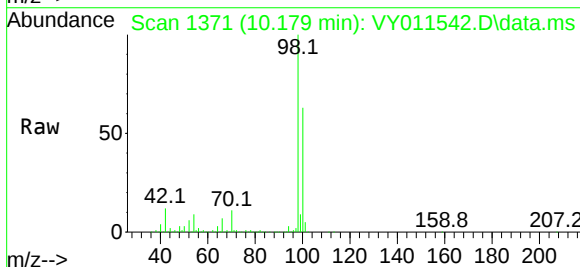
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-111822

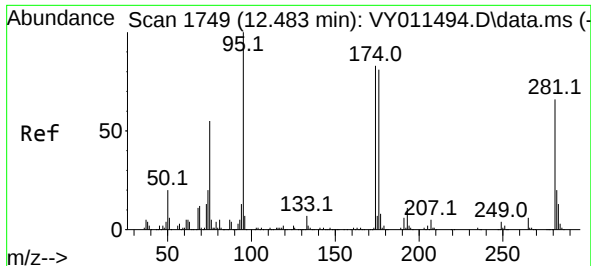
Tgt Ion:113 Resp: 96536
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 19.1 17.6 26.4



#50
Toluene-d8
Concen: 55.129 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011542.D
Acq: 22 Nov 2022 12:54

Tgt Ion: 98 Resp: 355322
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

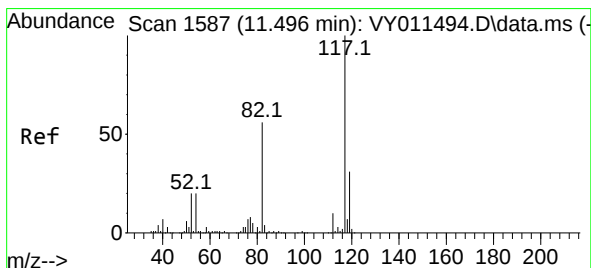
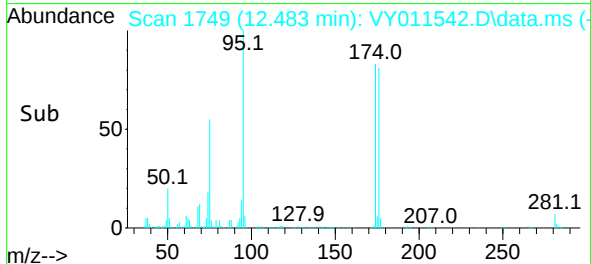
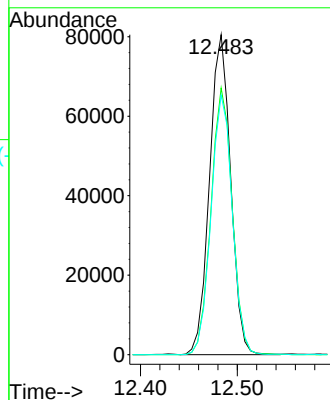
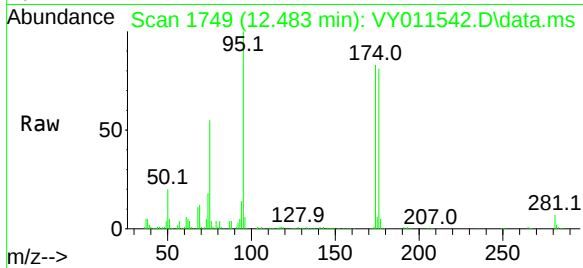




#62
4-Bromofluorobenzene
Concen: 51.348 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011542.D
Acq: 22 Nov 2022 12:54

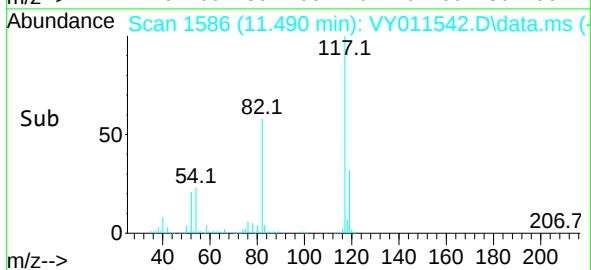
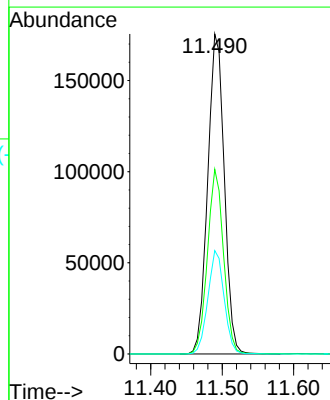
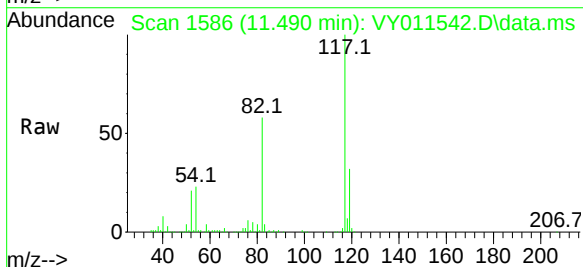
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-111822

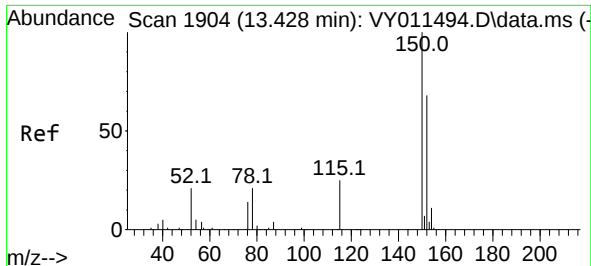
Tgt Ion: 95 Resp: 122365
Ion Ratio Lower Upper
95 100
174 83.7 0.0 177.0
176 81.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY011542.D
Acq: 22 Nov 2022 12:54

Tgt Ion: 117 Resp: 282404
Ion Ratio Lower Upper
117 100
82 57.7 43.0 64.4
119 32.3 25.4 38.0

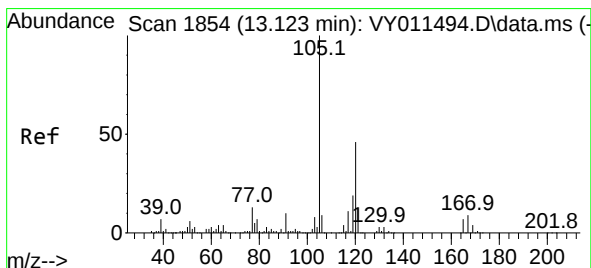
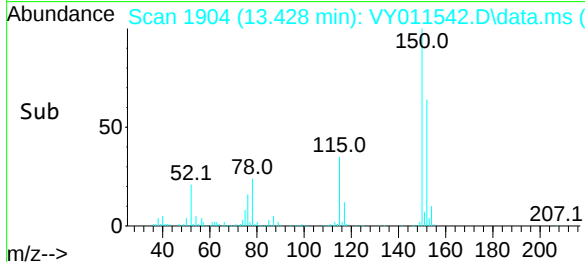
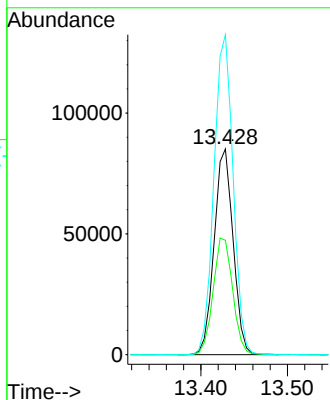
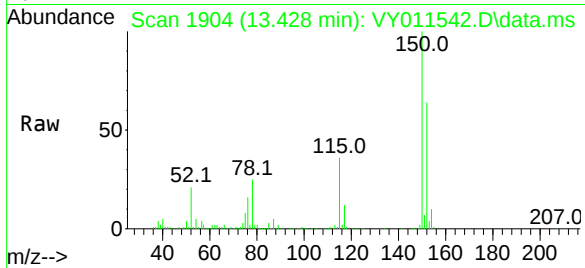




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY011542.D
 Acq: 22 Nov 2022 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-111822

Tgt Ion:152 Resp: 129683
 Ion Ratio Lower Upper
 152 100
 115 58.6 28.2 84.7
 150 156.5 0.0 347.6



#84
 1,2,4-Trimethylbenzene
 Concen: 2.135 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VY011542.D
 Acq: 22 Nov 2022 12:54

Tgt Ion:105 Resp: 16669
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.3 66.9

