

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
 Data File : VY016137.D
 Acq On : 30 Oct 2023 17:49
 Operator : SY/MD
 Sample : 05142-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124037

Quant Time: Oct 31 01:32:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

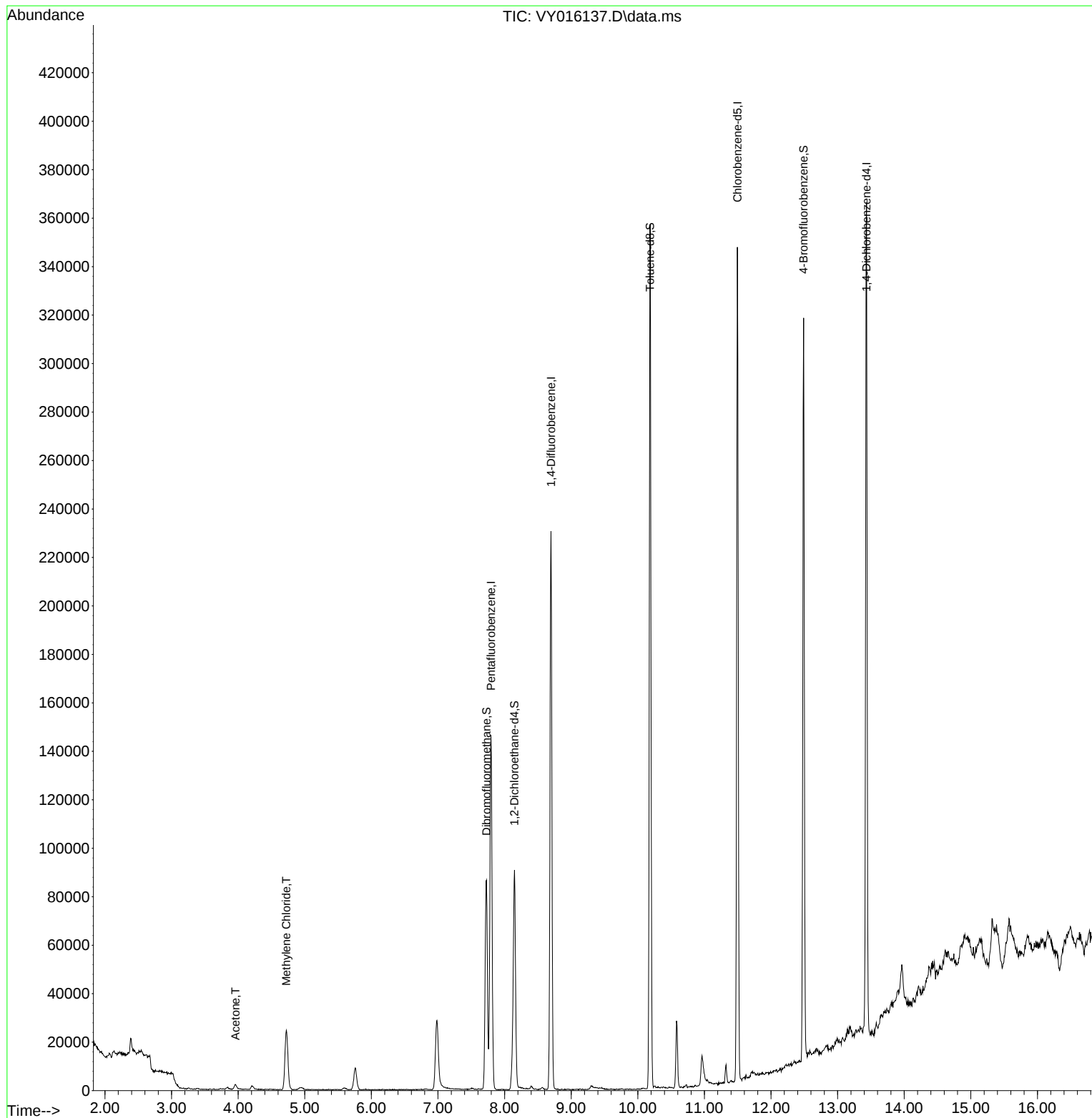
Internal Standards						
1) Pentafluorobenzene	7.795	168	117546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	197771	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	188089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	92775	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	66732	57.093	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.180%	
35) Dibromofluoromethane	7.728	113	62978	50.442	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.880%	
50) Toluene-d8	10.185	98	233337	50.454	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.900%	
62) 4-Bromofluorobenzene	12.489	95	84894	53.514	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.020%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	4254	13.428	ug/l	94
20) Methylene Chloride	4.722	84	19488	11.282	ug/l	88

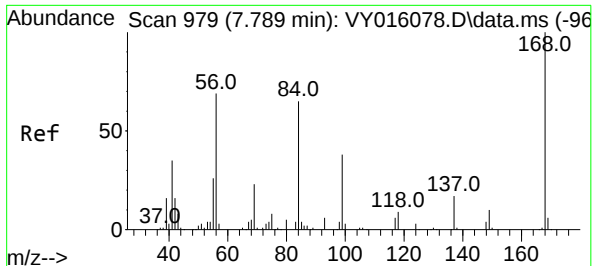
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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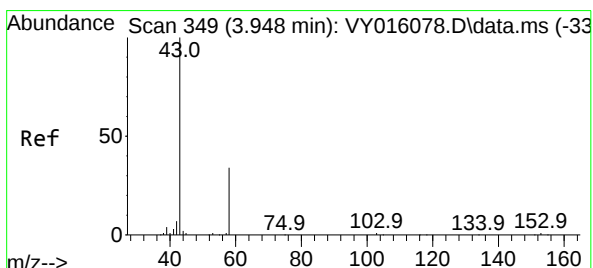
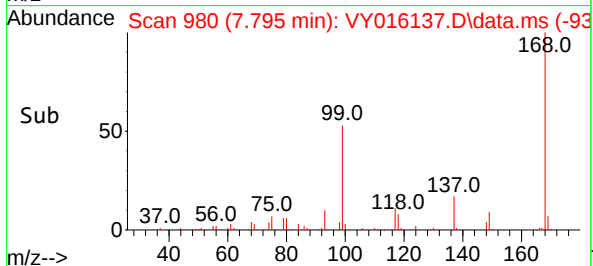
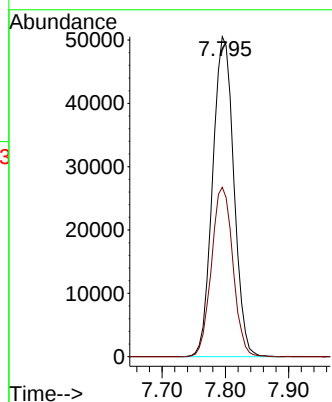
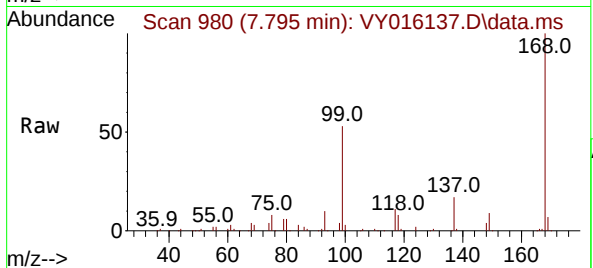




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016137.D
Acq: 30 Oct 2023 17:49

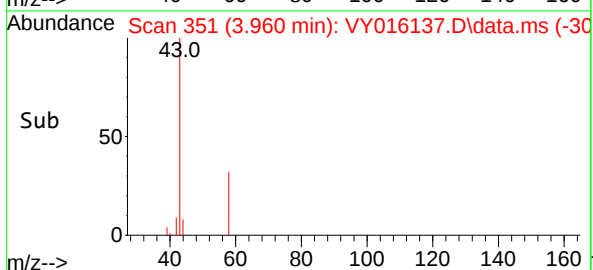
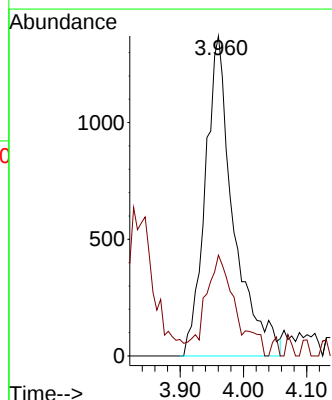
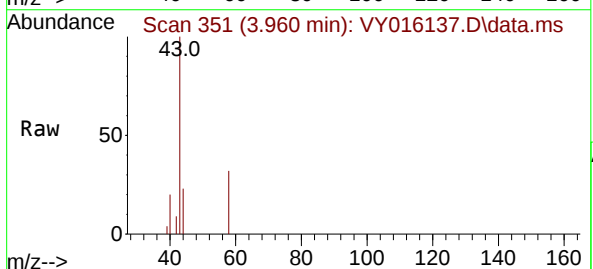
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124037

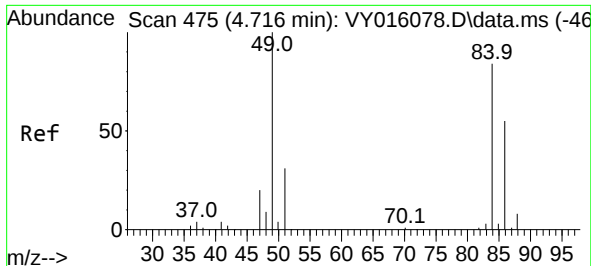
Tgt Ion:168 Resp: 117546
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#16
Acetone
Concen: 13.428 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY016137.D
Acq: 30 Oct 2023 17:49

Tgt Ion: 43 Resp: 4254
Ion Ratio Lower Upper
43 100
58 31.5 22.7 34.1

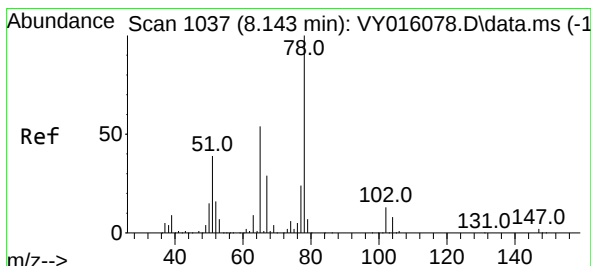
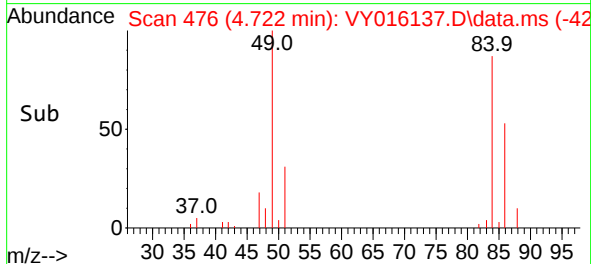
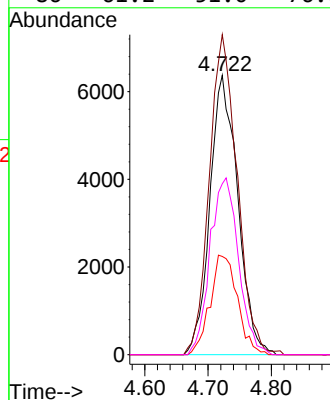
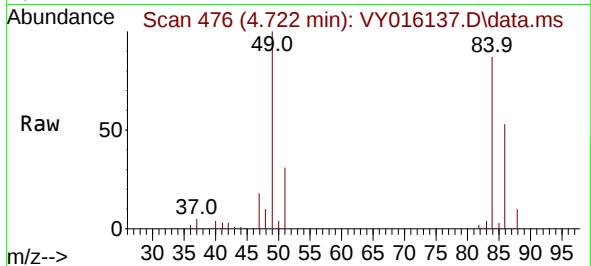




#20
Methylene Chloride
Concen: 11.282 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY016137.D
Acq: 30 Oct 2023 17:49

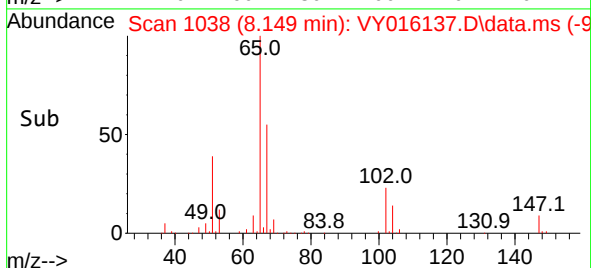
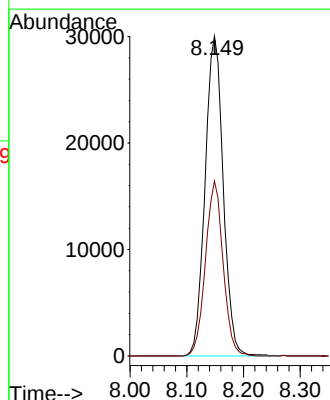
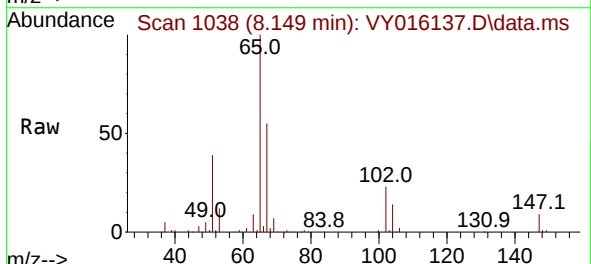
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124037

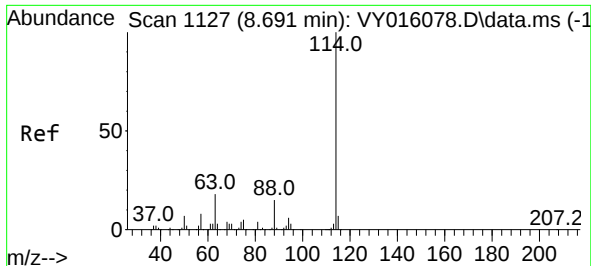
Tgt Ion:	84	Resp:	19488
Ion	Ratio	Lower	Upper
84	100		
49	114.6	106.9	160.3
51	35.2	33.2	49.8
86	61.2	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 57.093 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY016137.D
Acq: 30 Oct 2023 17:49

Tgt Ion:	65	Resp:	66732
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY016137.D

Acq: 30 Oct 2023 17:49

Instrument :

MSVOA_Y

ClientSampleId :

PSC-124037

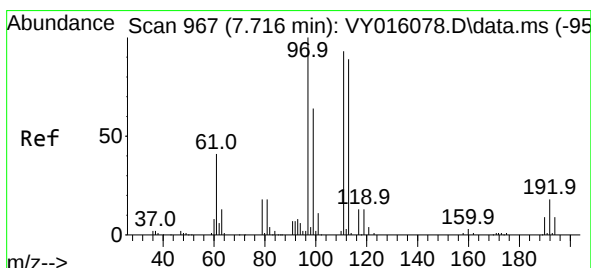
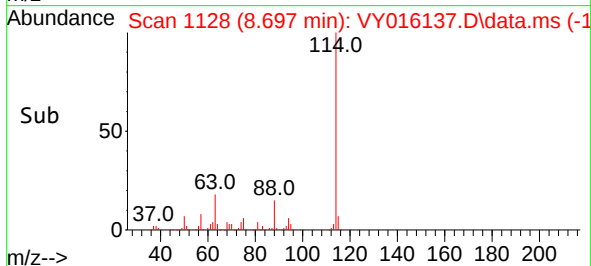
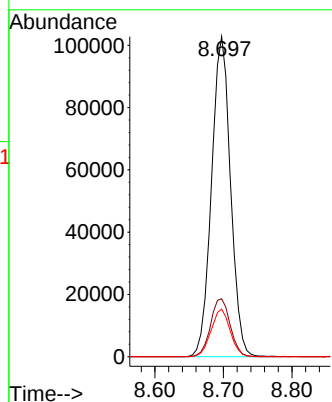
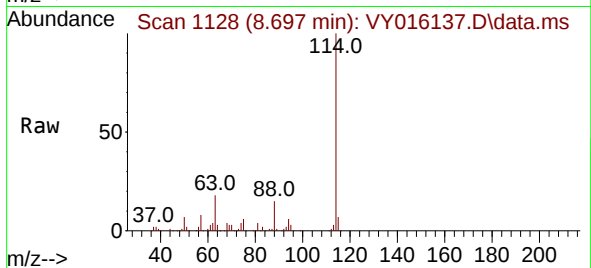
Tgt Ion:114 Resp: 197771

Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.442 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY016137.D

Acq: 30 Oct 2023 17:49

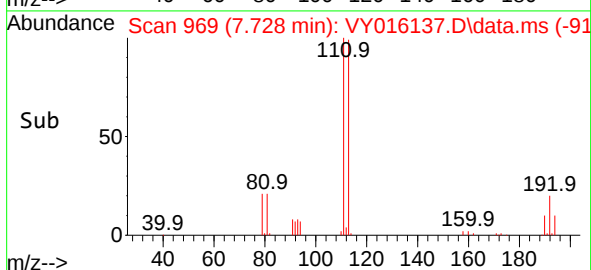
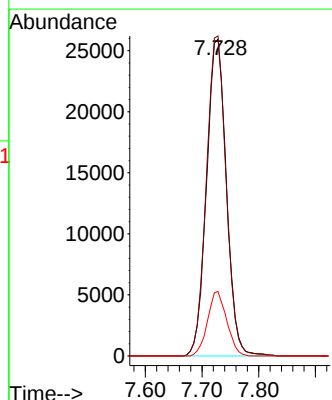
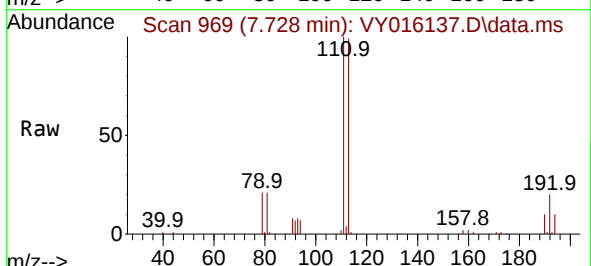
Tgt Ion:113 Resp: 62978

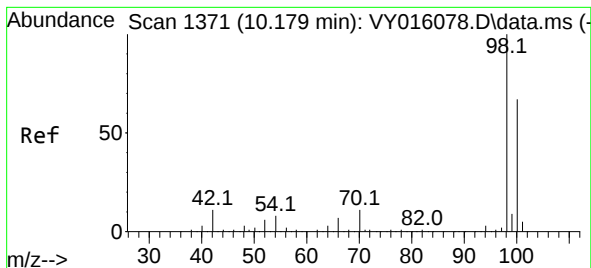
Ion Ratio Lower Upper

113 100

111 101.2 81.3 121.9

192 19.7 16.9 25.3





#50

Toluene-d8

Concen: 50.454 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016137.D

Acq: 30 Oct 2023 17:49

Instrument :

MSVOA_Y

ClientSampleId :

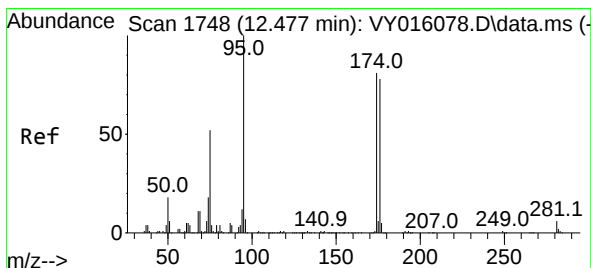
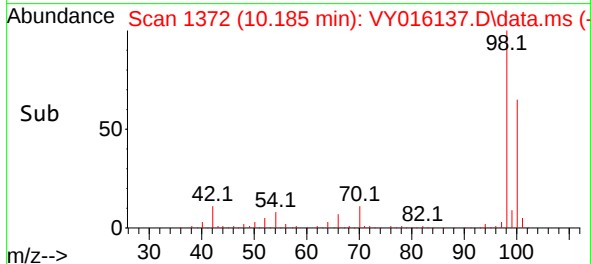
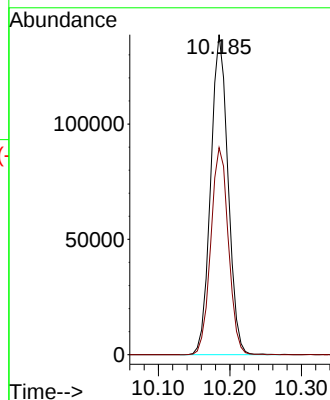
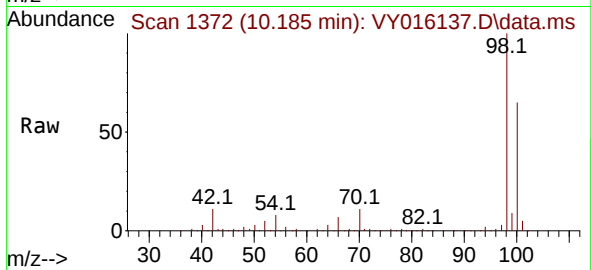
PSC-124037

Tgt Ion: 98 Resp: 233337

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 53.514 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.012 min

Lab File: VY016137.D

Acq: 30 Oct 2023 17:49

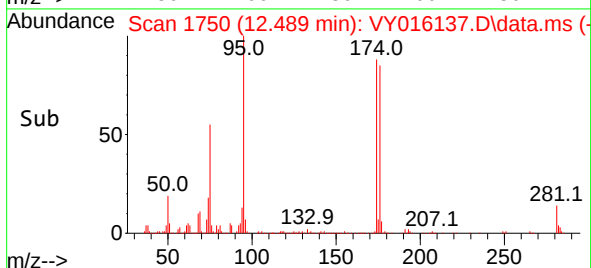
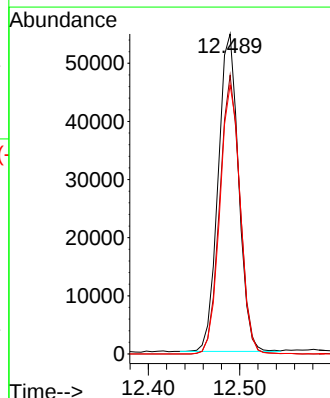
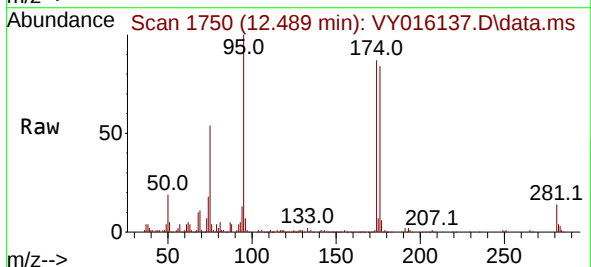
Tgt Ion: 95 Resp: 84894

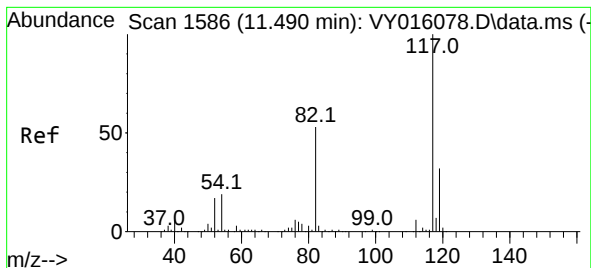
Ion Ratio Lower Upper

95 100

174 86.9 0.0 178.2

176 84.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016137.D

Acq: 30 Oct 2023 17:49

Instrument :

MSVOA_Y

ClientSampleId :

PSC-124037

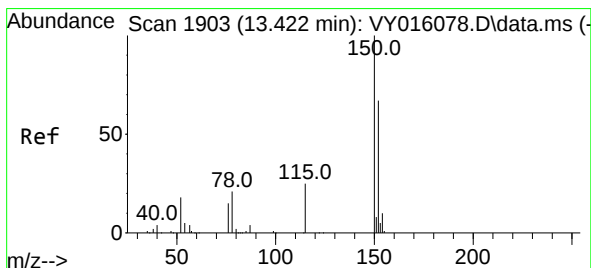
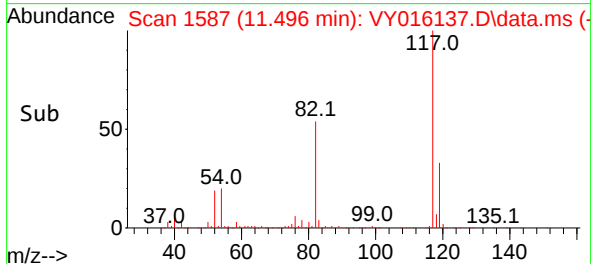
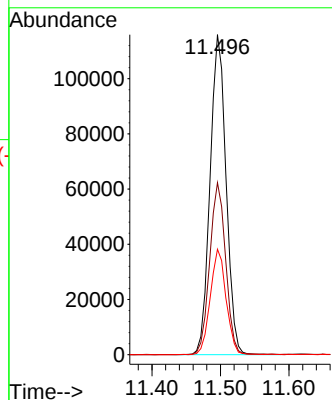
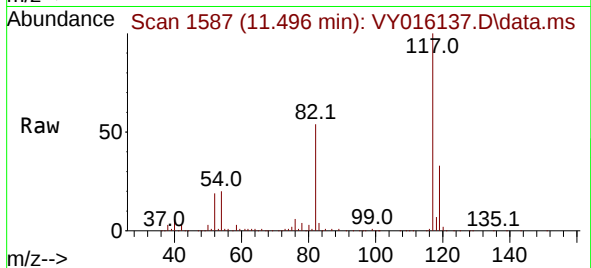
Tgt Ion:117 Resp: 188089

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 32.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.012 min

Lab File: VY016137.D

Acq: 30 Oct 2023 17:49

Tgt Ion:152 Resp: 92775

Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 155.7 0.0 348.8

