

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013249.D
 Acq On : 11 Apr 2023 17:47
 Operator : KP/MD
 Sample : 02266-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1960-1970

Quant Time: Apr 12 01:36:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 11:59:49 2023
 Response via : Initial Calibration

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

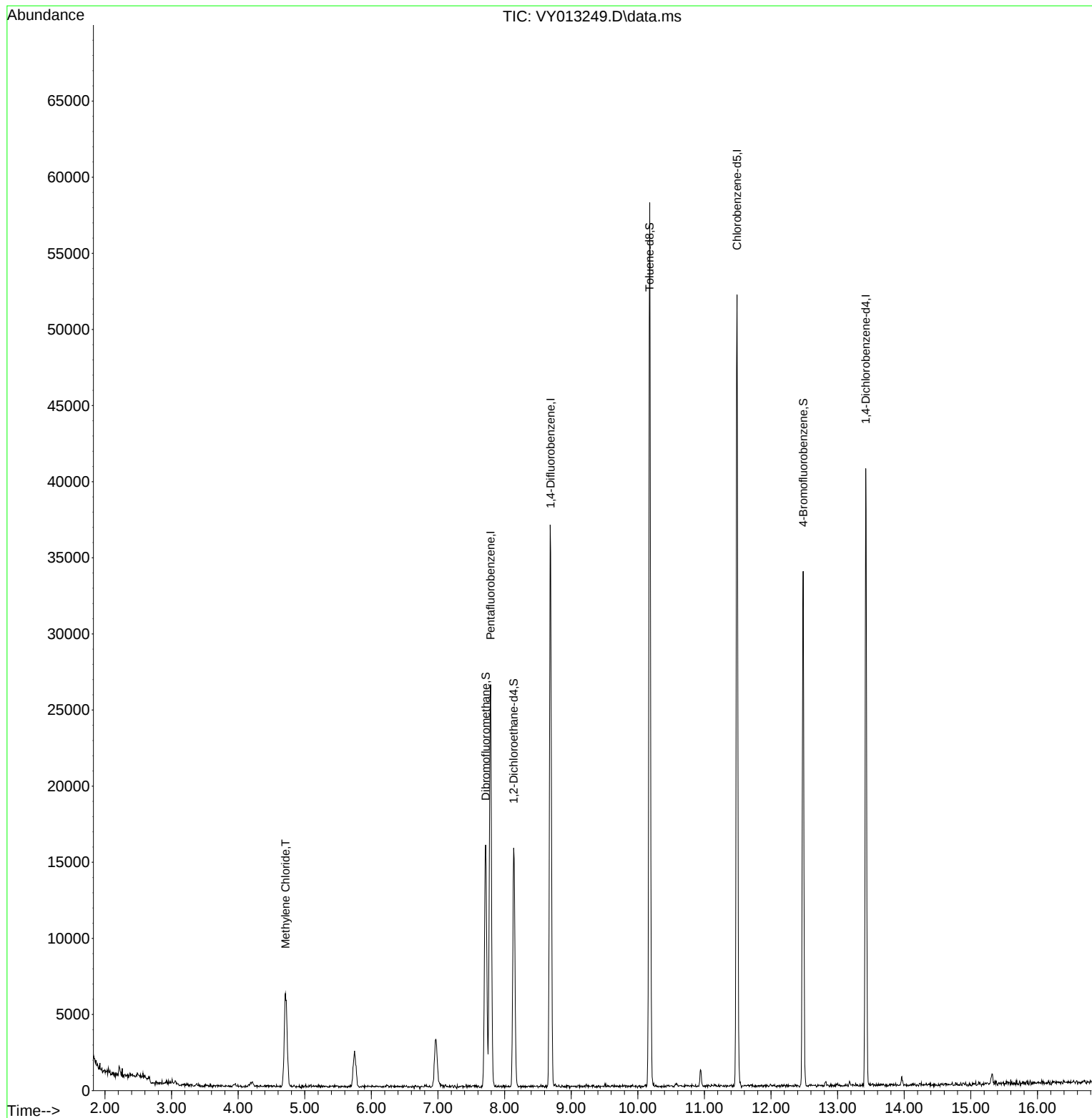
Internal Standards						
1) Pentafluorobenzene	7.789	168	20238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	29930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	26789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	9913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	12564	55.206	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	110.420%	
35) Dibromofluoromethane	7.716	113	11051	61.769	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	123.540%	
50) Toluene-d8	10.179	98	37351	59.630	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	119.260%	
62) 4-Bromofluorobenzene	12.483	95	9516	42.544	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	85.080%	
Target Compounds						
20) Methylene Chloride	4.710	84	4629	14.863	ug/l	Qvalue 87

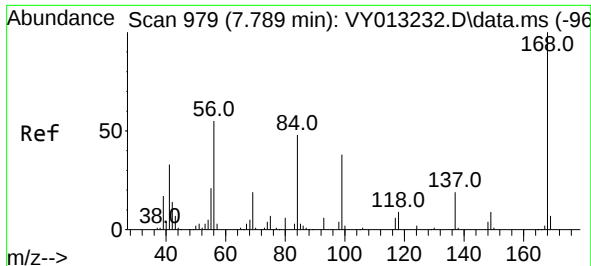
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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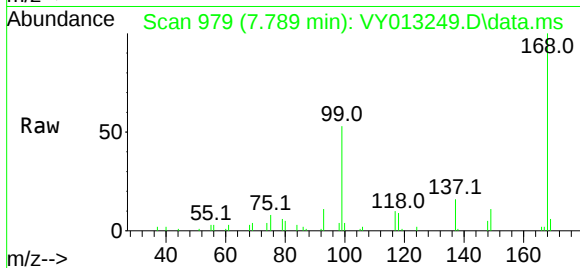
Quant Time: Apr 12 01:36:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
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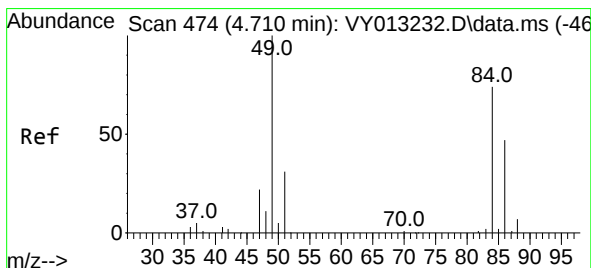
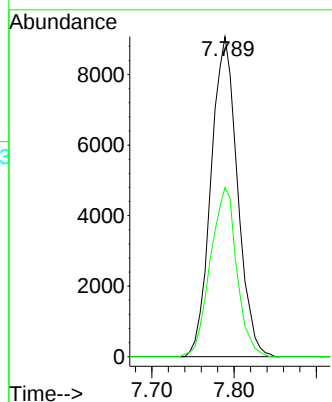
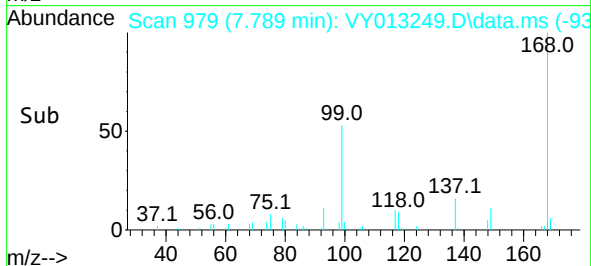


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013249.D
Acq: 11 Apr 2023 17:47

Instrument :
MSVOA_Y
ClientSampleId :
1960-1970

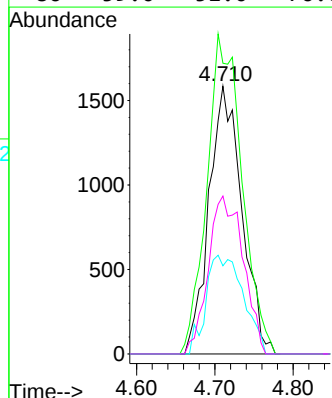
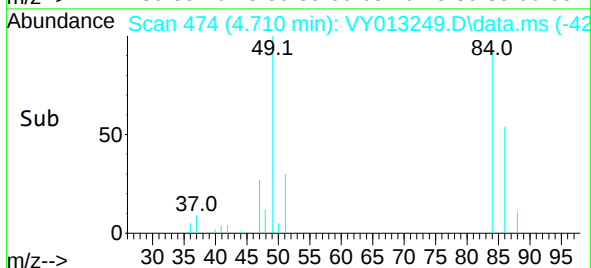
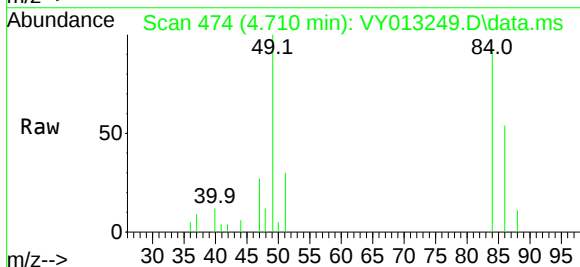


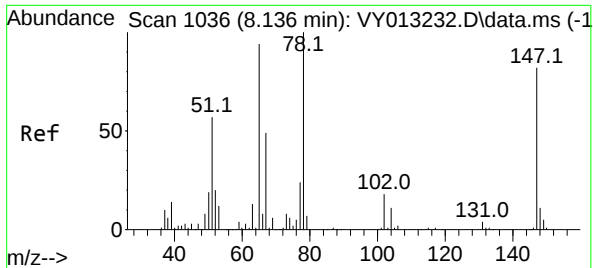
Tgt Ion:168 Resp: 20238
Ion Ratio Lower Upper
168 100
99 52.9 41.7 62.5



#20
Methylene Chloride
Concen: 14.863 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY013249.D
Acq: 11 Apr 2023 17:47

Tgt Ion: 84 Resp: 4629
Ion Ratio Lower Upper
84 100
49 108.6 102.6 154.0
51 33.0 31.9 47.9
86 59.0 51.0 76.6

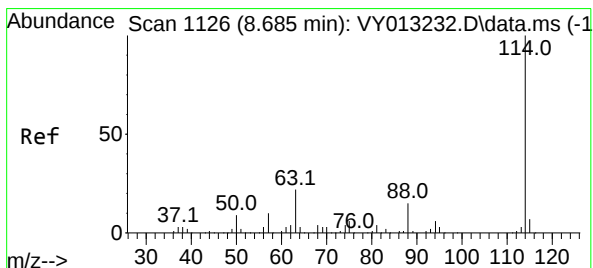
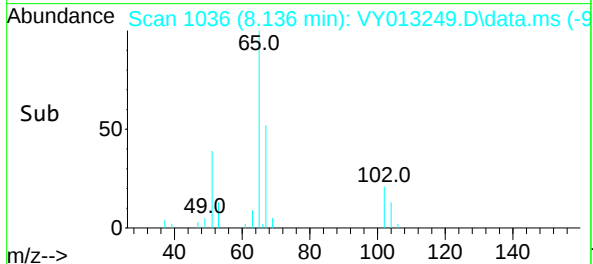
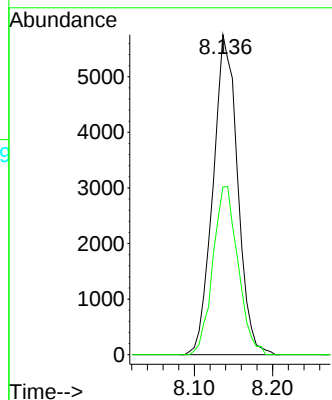
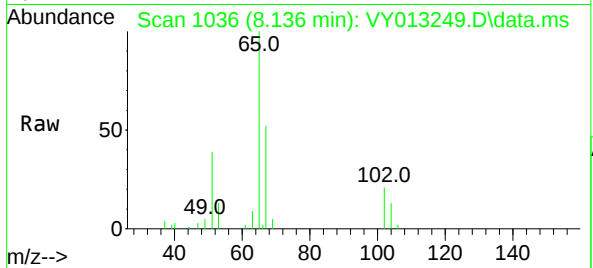




#33
 1,2-Dichloroethane-d4
 Concen: 55.206 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY013249.D
 Acq: 11 Apr 2023 17:47

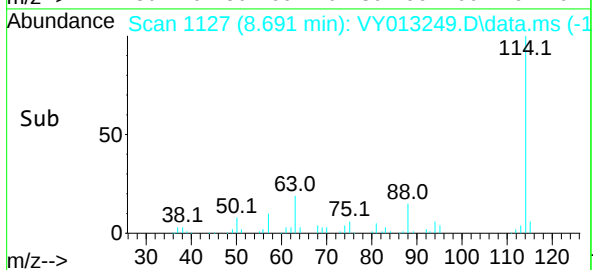
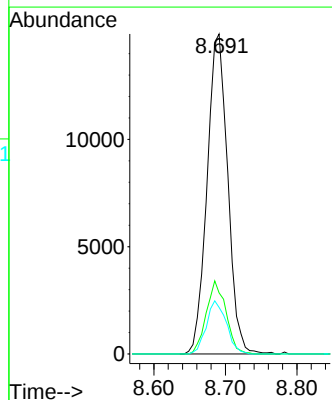
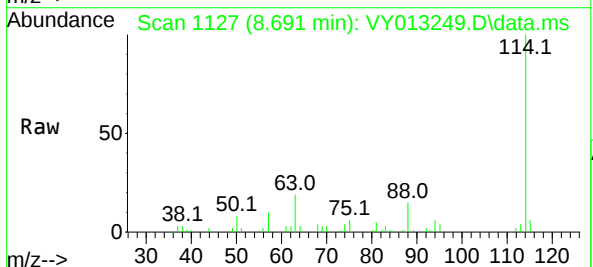
Instrument :
 MSVOA_Y
 ClientSampleId :
 1960-1970

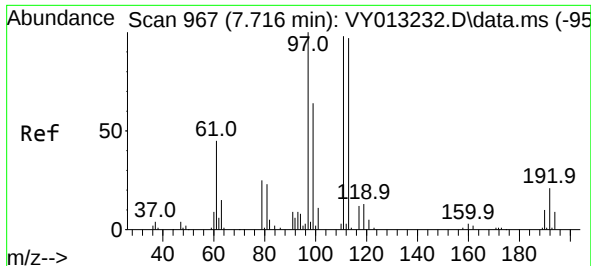
Tgt Ion: 65 Resp: 12564
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY013249.D
 Acq: 11 Apr 2023 17:47

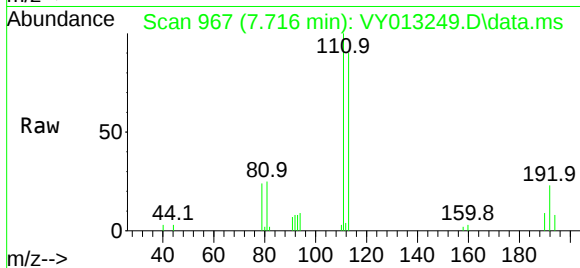
Tgt Ion: 114 Resp: 29930
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.4
 88 14.5 0.0 28.6



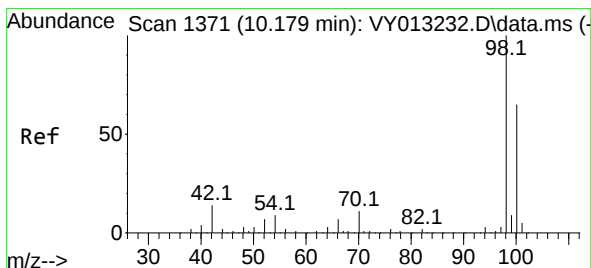
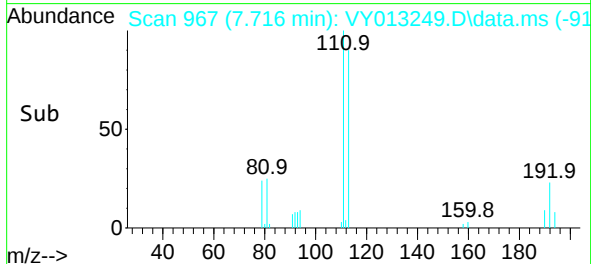
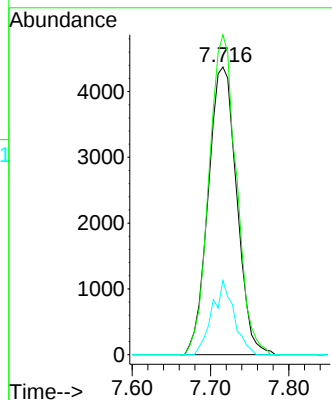


#35
Dibromofluoromethane
Concen: 61.769 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013249.D
Acq: 11 Apr 2023 17:47

Instrument :
MSVOA_Y
ClientSampleId :
1960-1970

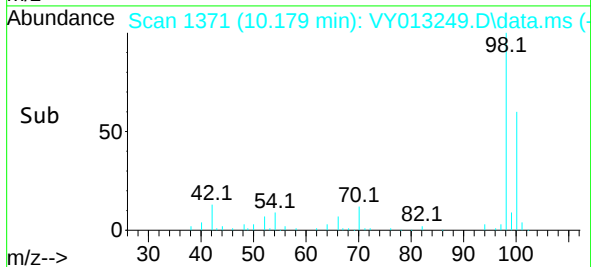
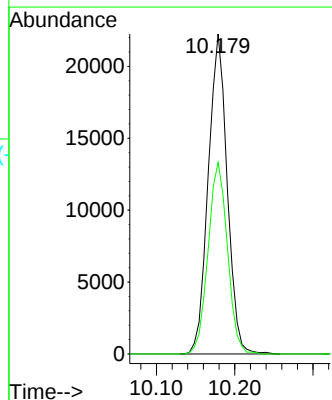
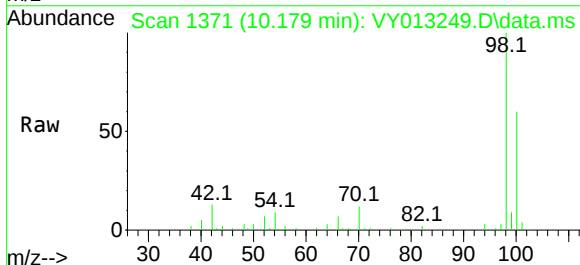


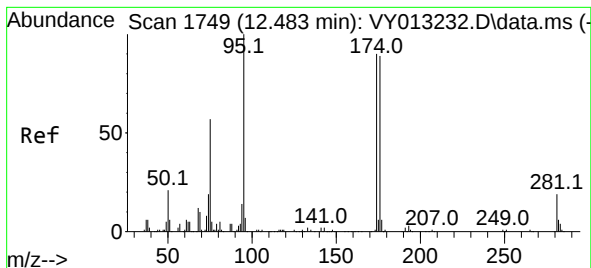
Tgt Ion:113 Resp: 11051
Ion Ratio Lower Upper
113 100
111 106.8 82.2 123.2
192 19.8 16.8 25.2



#50
Toluene-d8
Concen: 59.630 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013249.D
Acq: 11 Apr 2023 17:47

Tgt Ion: 98 Resp: 37351
Ion Ratio Lower Upper
98 100
100 61.0 50.9 76.3

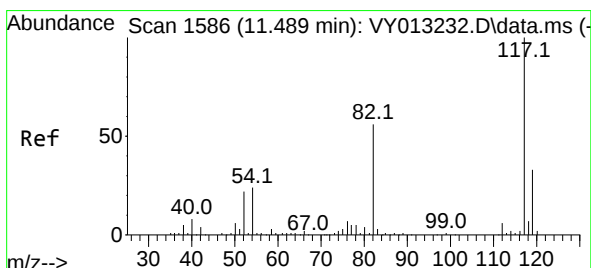
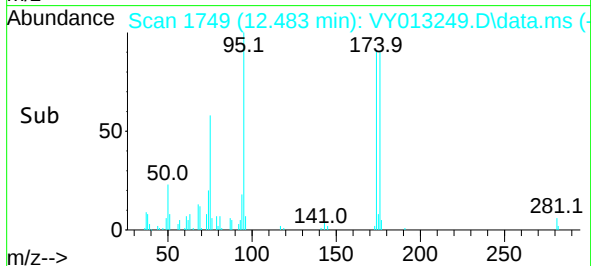
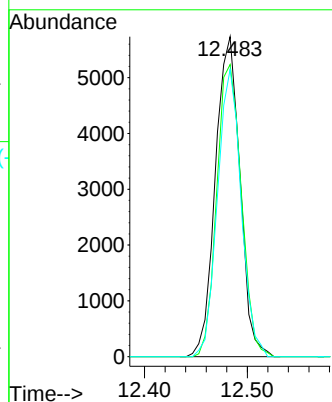
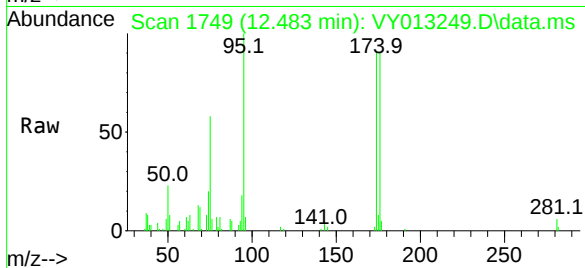




#62
4-Bromofluorobenzene
Concen: 42.544 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013249.D
Acq: 11 Apr 2023 17:47

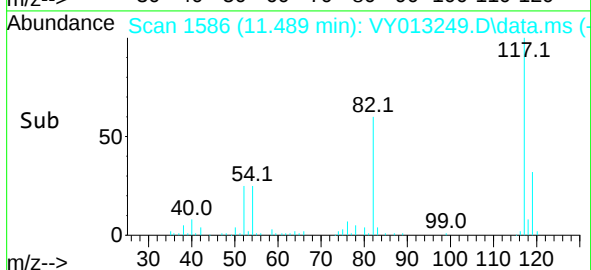
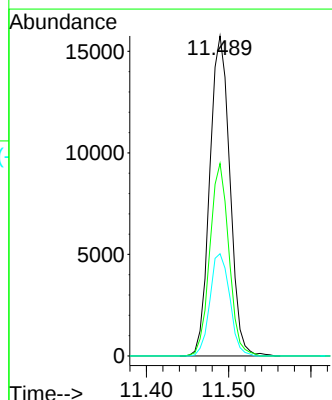
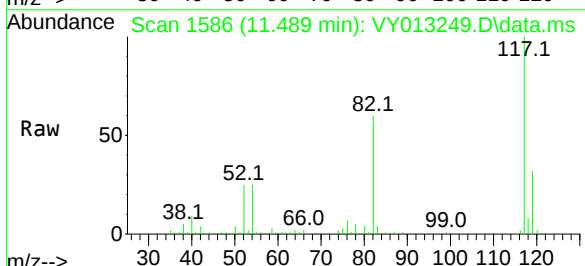
Instrument :
MSVOA_Y
ClientSampleId :
1960-1970

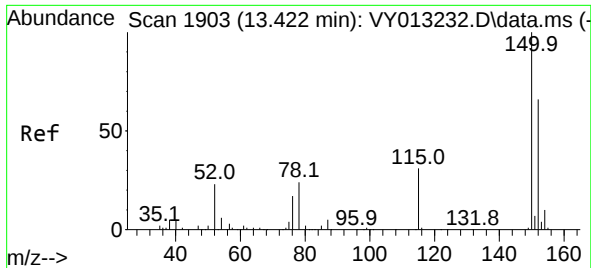
Tgt Ion: 95 Resp: 9516
Ion Ratio Lower Upper
95 100
174 91.1 0.0 176.6
176 86.3 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013249.D
Acq: 11 Apr 2023 17:47

Tgt Ion: 117 Resp: 26789
Ion Ratio Lower Upper
117 100
82 60.2 45.4 68.0
119 31.9 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013249.D

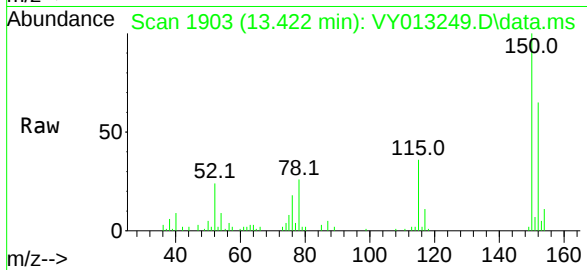
Acq: 11 Apr 2023 17:47

Instrument :

MSVOA_Y

ClientSampleId :

1960-1970



Tgt Ion:152 Resp: 9913

Ion Ratio Lower Upper

152 100

115 57.1 27.1 81.3

150 160.3 0.0 347.8

