

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
 Data File : VY013348.D
 Acq On : 19 Apr 2023 16:19
 Operator : KP/MD
 Sample : 02371-15
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-17-8.0-8.5

Quant Time: Apr 20 06:56:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

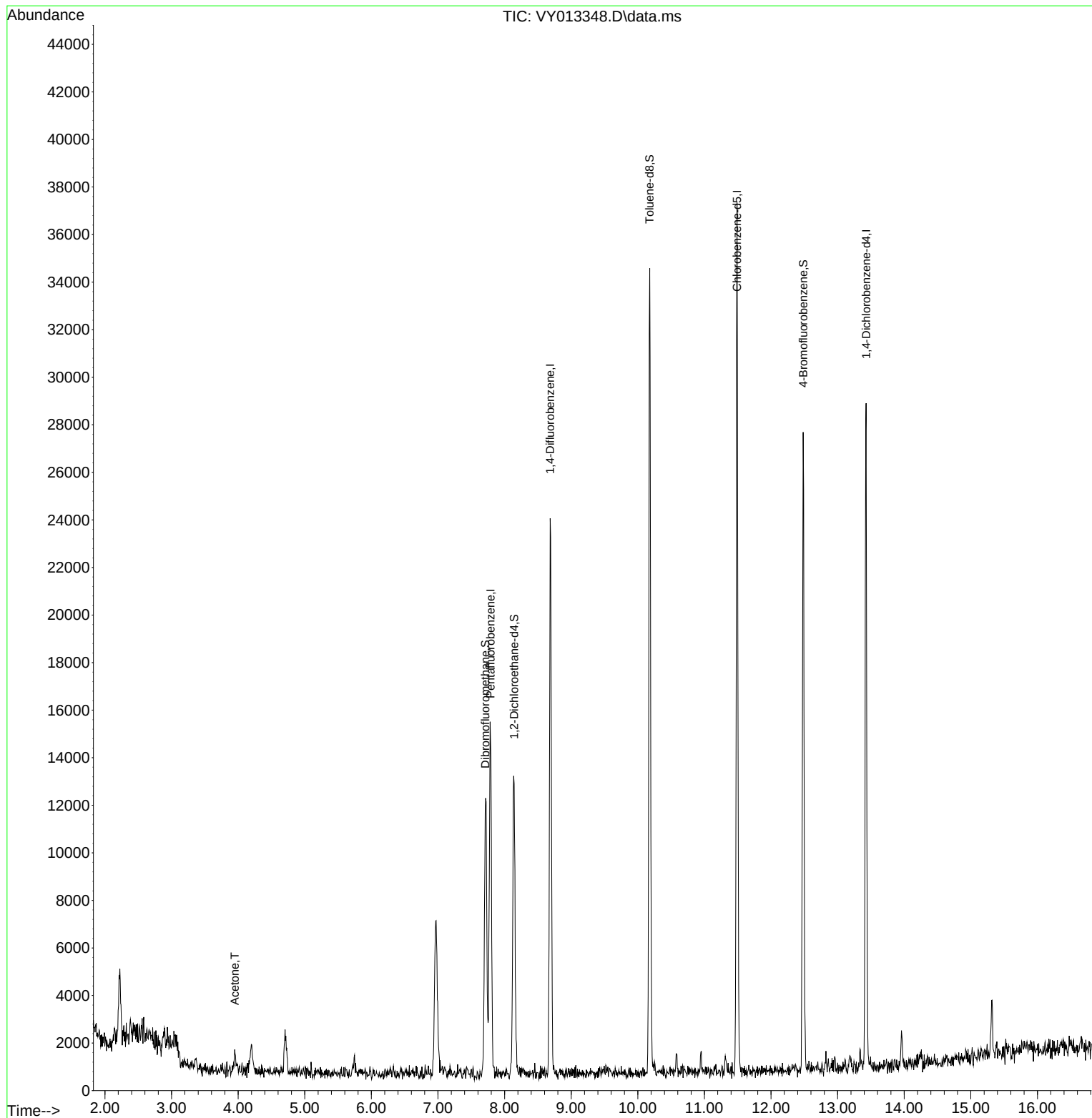
Internal Standards						
1) Pentafluorobenzene	7.789	168	12629	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	18870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	19906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	10605	69.875	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.740%	
35) Dibromofluoromethane	7.709	113	8636	70.692	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 141.380%	
50) Toluene-d8	10.179	98	23292	51.224	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.440%	
62) 4-Bromofluorobenzene	12.483	95	7273	49.228	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.460%	
Target Compounds						
16) Acetone	3.948	43	1233	23.628	ug/l	Qvalue 94

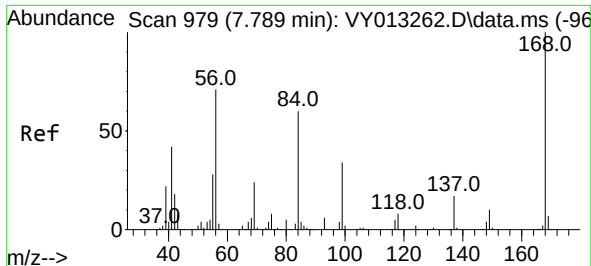
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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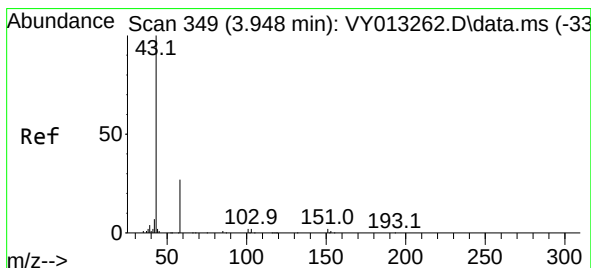
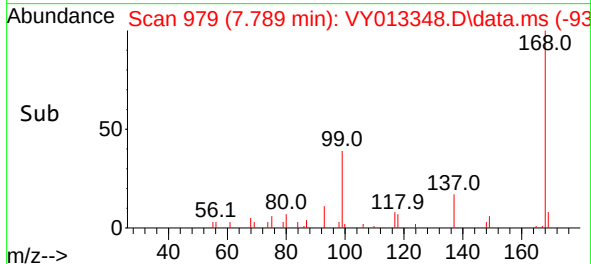
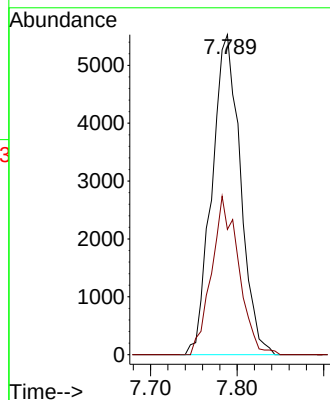
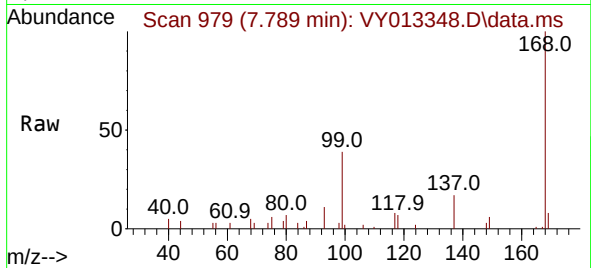




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013348.D
Acq: 19 Apr 2023 16:19

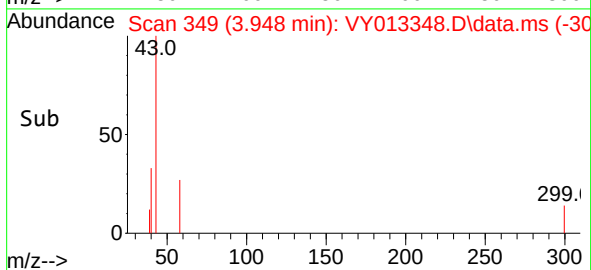
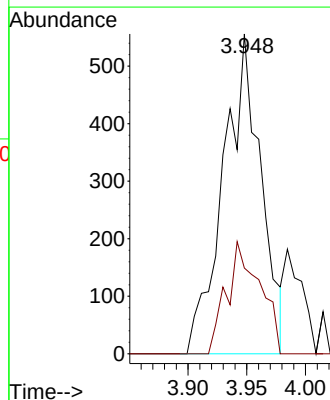
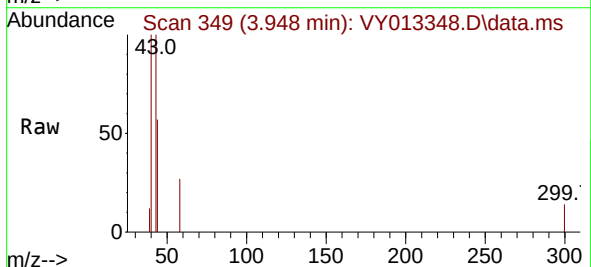
Instrument :
MSVOA_Y
ClientSampleId :
SB-17-8.0-8.5

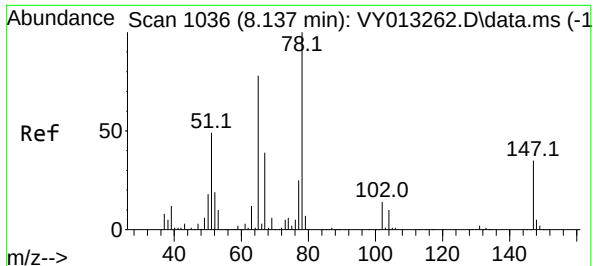
Tgt Ion:168 Resp: 12629
Ion Ratio Lower Upper
168 100
99 39.1 41.7 62.5#



#16
Acetone
Concen: 23.628 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013348.D
Acq: 19 Apr 2023 16:19

Tgt Ion: 43 Resp: 1233
Ion Ratio Lower Upper
43 100
58 26.8 24.2 36.2





#33

1,2-Dichloroethane-d4

Concen: 69.875 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY013348.D

Acq: 19 Apr 2023 16:19

Instrument :

MSVOA_Y

ClientSampleId :

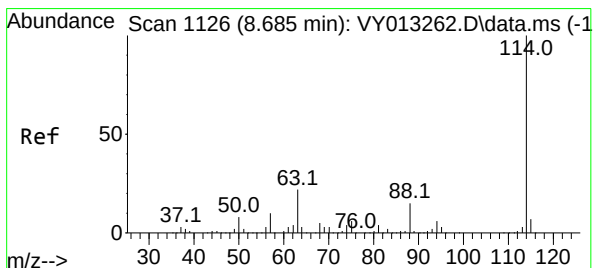
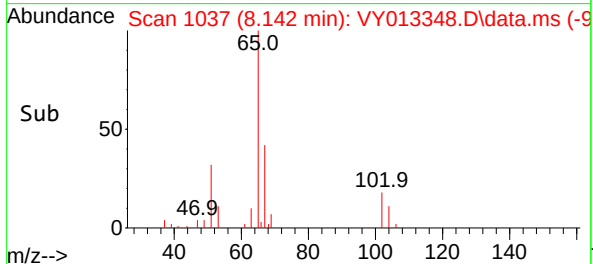
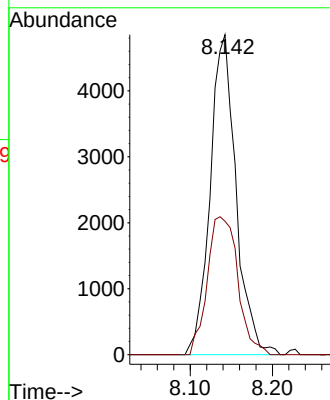
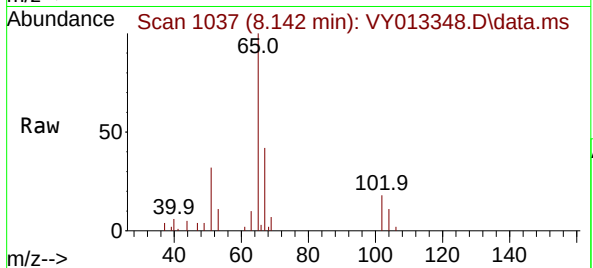
SB-17-8.0-8.5

Tgt Ion: 65 Resp: 10605

Ion Ratio Lower Upper

65 100

67 50.8 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY013348.D

Acq: 19 Apr 2023 16:19

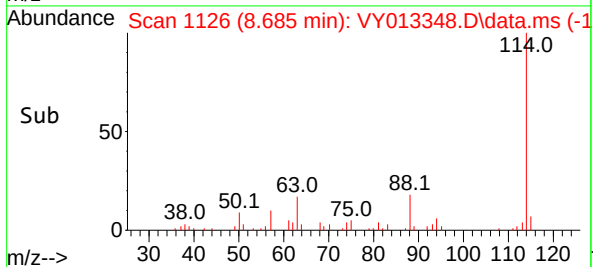
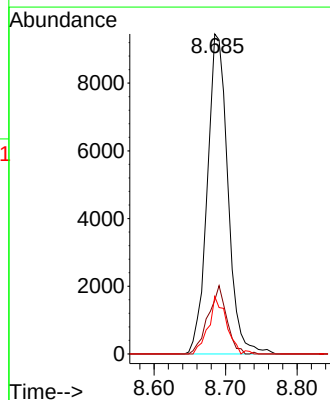
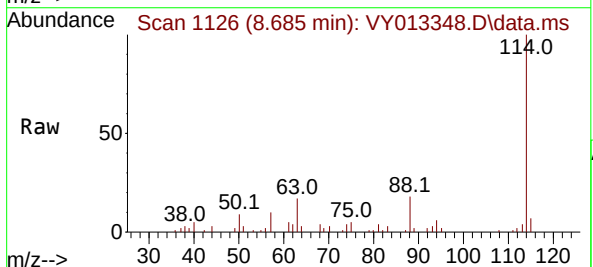
Tgt Ion: 114 Resp: 18870

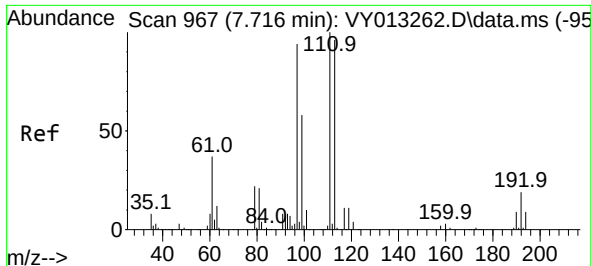
Ion Ratio Lower Upper

114 100

63 16.8 0.0 37.4

88 17.9 0.0 28.6

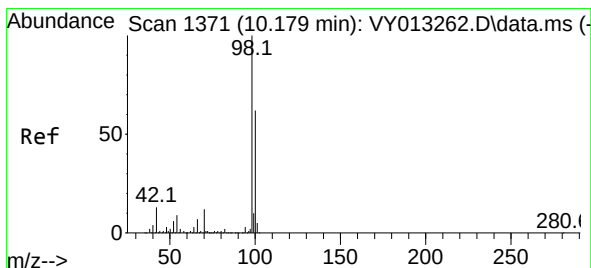
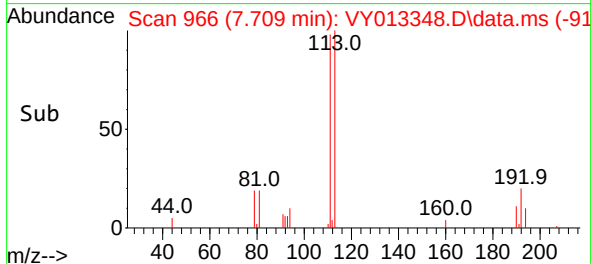
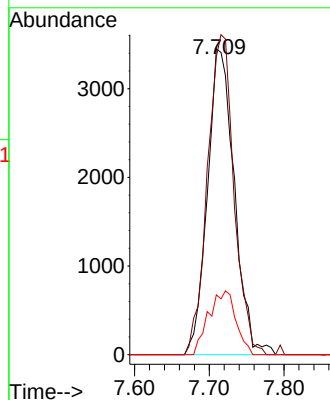
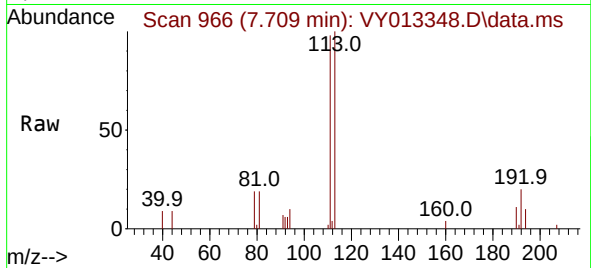




#35
 Dibromofluoromethane
 Concen: 70.692 ug/l
 RT: 7.709 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY013348.D
 Acq: 19 Apr 2023 16:19

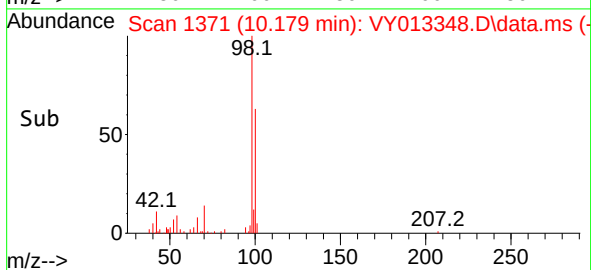
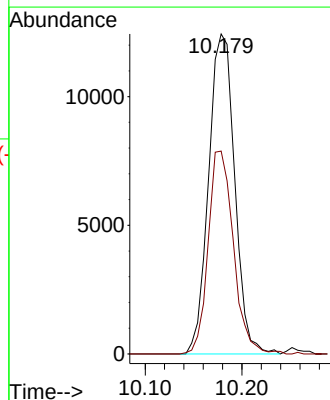
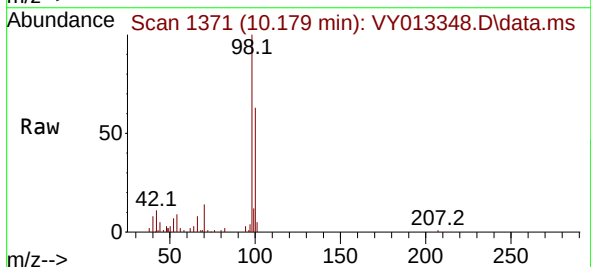
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-17-8.0-8.5

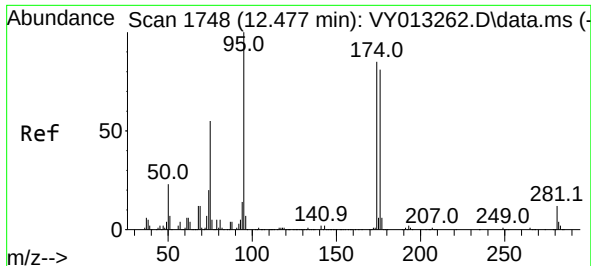
Tgt Ion:113 Resp: 8636
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.2
 192 21.1 16.8 25.2



#50
 Toluene-d8
 Concen: 51.224 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY013348.D
 Acq: 19 Apr 2023 16:19

Tgt Ion: 98 Resp: 23292
 Ion Ratio Lower Upper
 98 100
 100 61.5 50.9 76.3

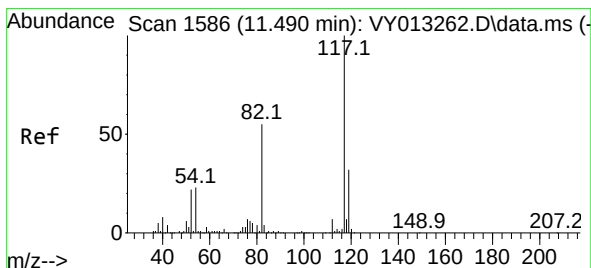
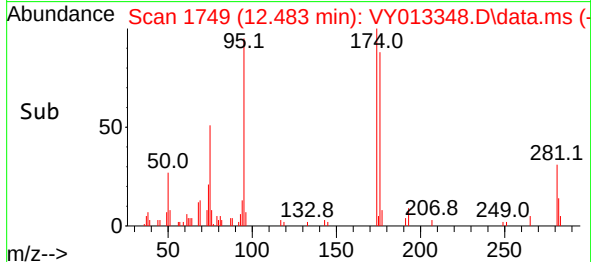
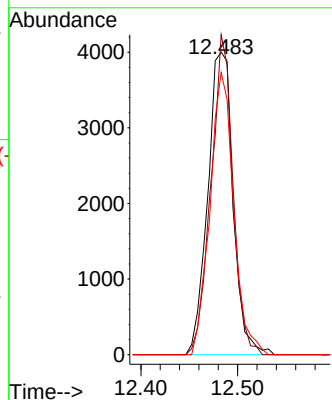
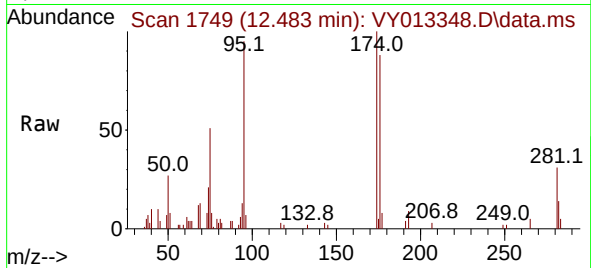




#62
4-Bromofluorobenzene
Concen: 49.228 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013348.D
Acq: 19 Apr 2023 16:19

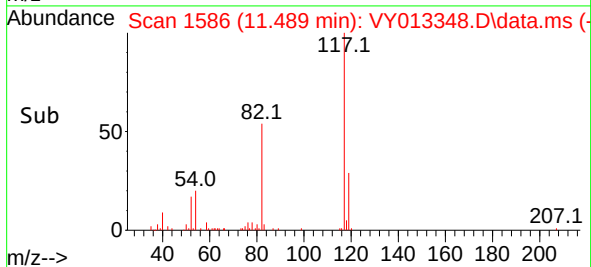
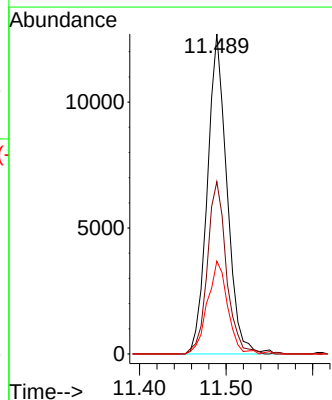
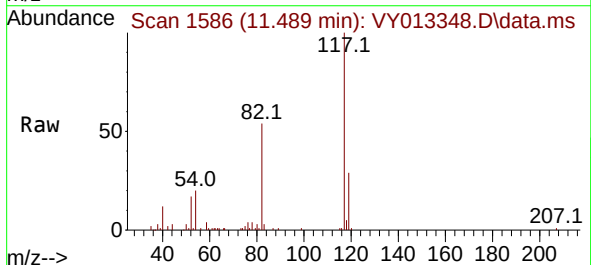
Instrument :
MSVOA_Y
ClientSampleId :
SB-17-8.0-8.5

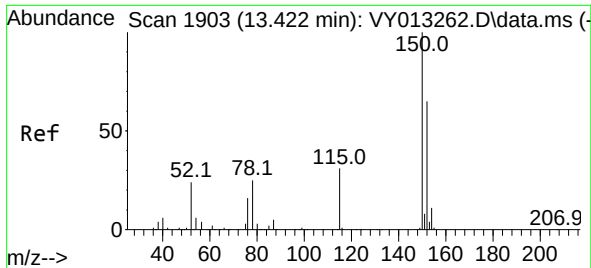
Tgt Ion: 95 Resp: 7273
Ion Ratio Lower Upper
95 100
174 91.6 0.0 176.6
176 87.6 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013348.D
Acq: 19 Apr 2023 16:19

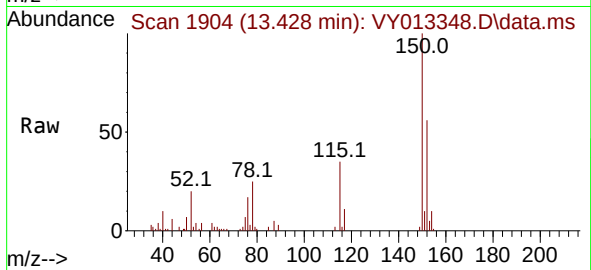
Tgt Ion: 117 Resp: 19906
Ion Ratio Lower Upper
117 100
82 53.9 45.4 68.0
119 29.0 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY013348.D
 Acq: 19 Apr 2023 16:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-17-8.0-8.5



Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	27.1	81.3
150	163.2	0.0	347.8

