

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081623\
 Data File : VY015145.D
 Acq On : 16 Aug 2023 13:20
 Operator : SY/MD
 Sample : 04016-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP15A

Quant Time: Aug 16 16:17:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

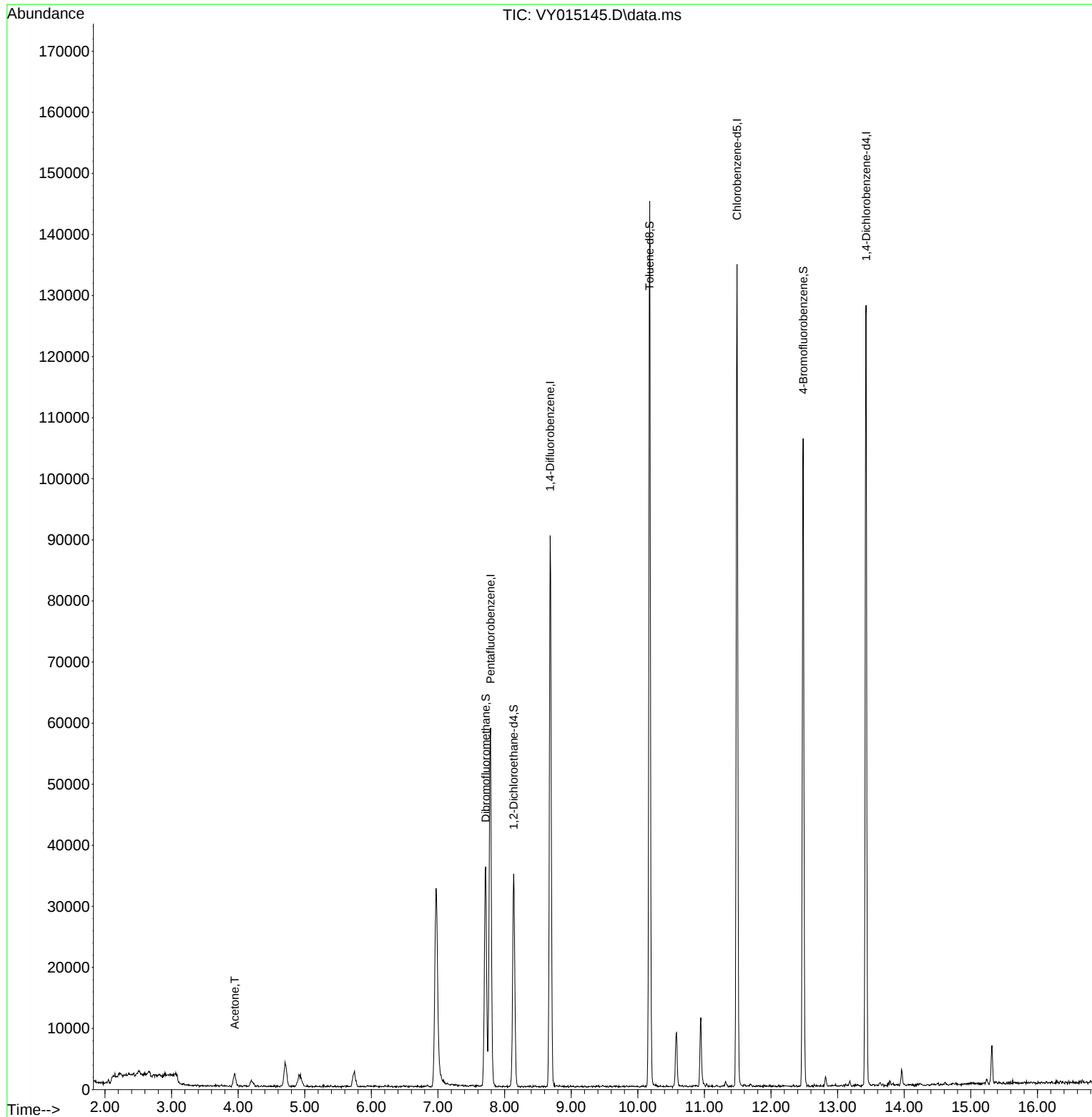
Internal Standards						
1) Pentafluorobenzene	7.789	168	45878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	78120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	74072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	33259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	27420	49.789	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.580%
35) Dibromofluoromethane	7.716	113	24544	48.837	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.680%
50) Toluene-d8	10.179	98	92541	49.464	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.920%
62) 4-Bromofluorobenzene	12.483	95	31235	45.710	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.420%
Target Compounds						
16) Acetone	3.948	43	3475	19.315	ug/l	Qvalue 93

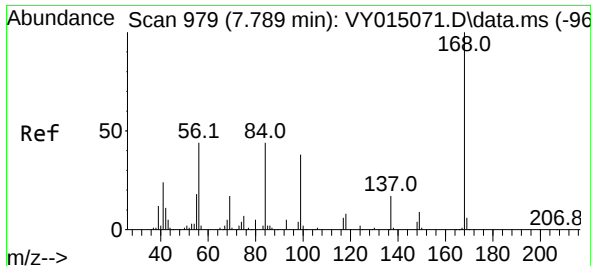
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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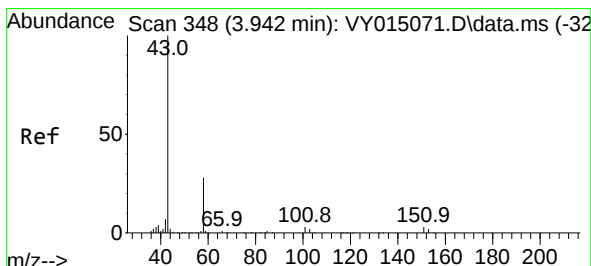
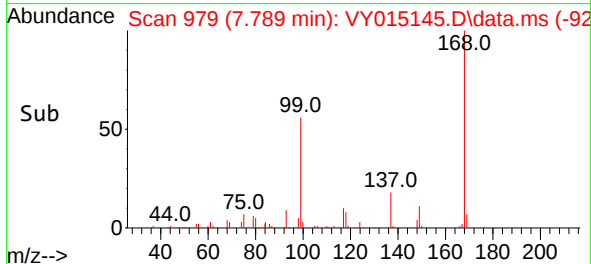
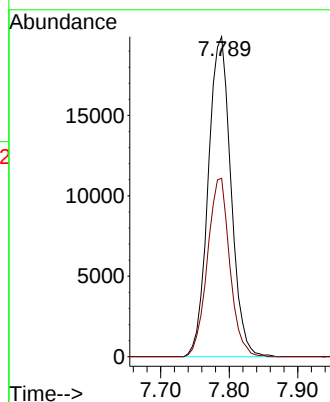
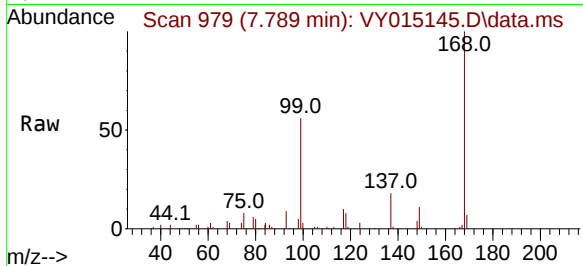




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015145.D
Acq: 16 Aug 2023 13:20

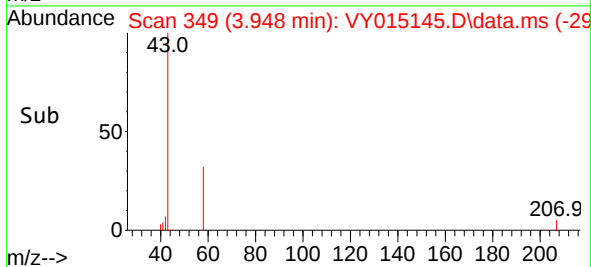
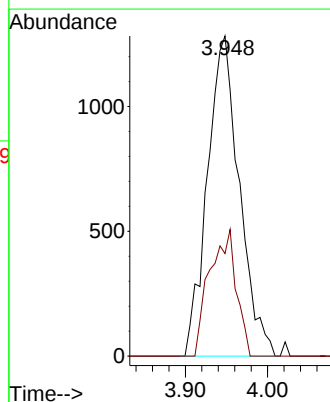
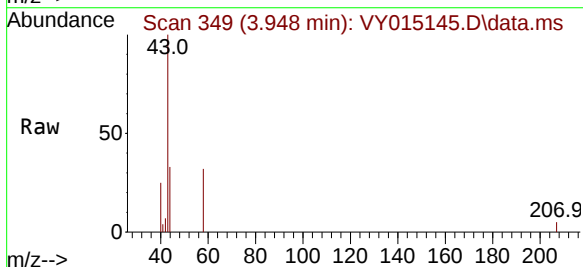
Instrument :
MSVOA_Y
ClientSampleId :
B-PP15A

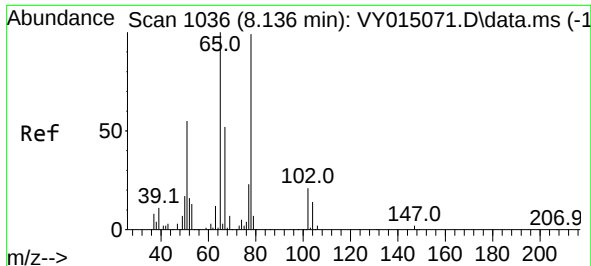
Tgt Ion:168 Resp: 45878
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#16
Acetone
Concen: 19.315 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015145.D
Acq: 16 Aug 2023 13:20

Tgt Ion: 43 Resp: 3475
Ion Ratio Lower Upper
43 100
58 32.0 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 49.789 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY015145.D

Acq: 16 Aug 2023 13:20

Instrument :

MSVOA_Y

ClientSampleId :

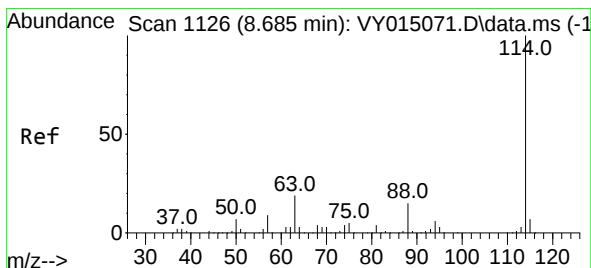
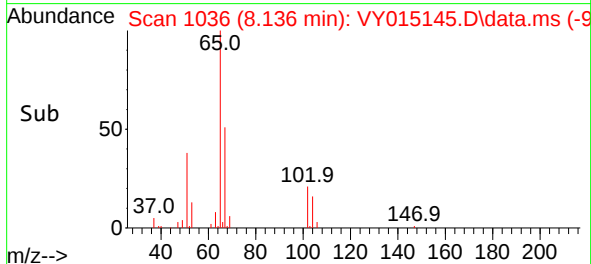
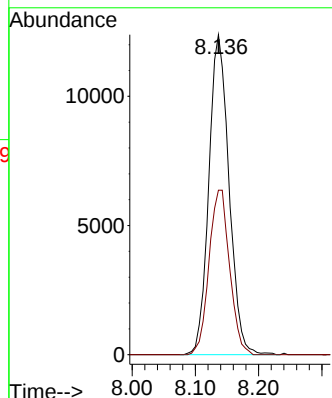
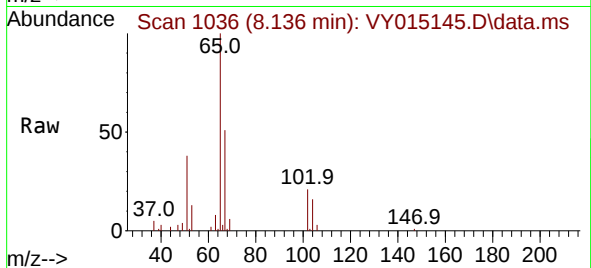
B-PP15A

Tgt Ion: 65 Resp: 27420

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015145.D

Acq: 16 Aug 2023 13:20

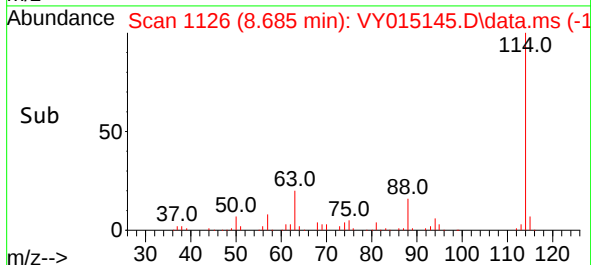
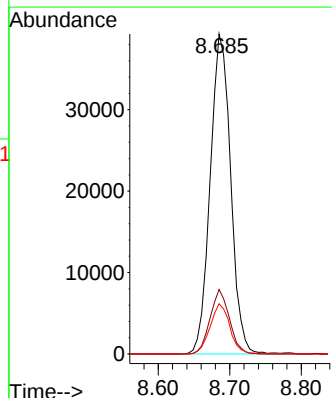
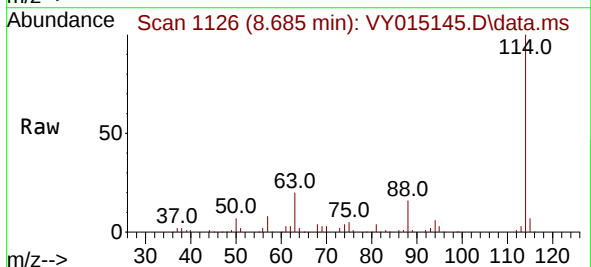
Tgt Ion: 114 Resp: 78120

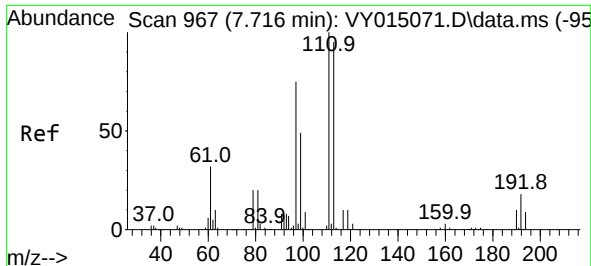
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 15.7 0.0 30.6



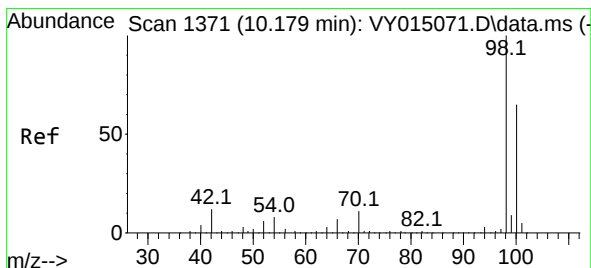
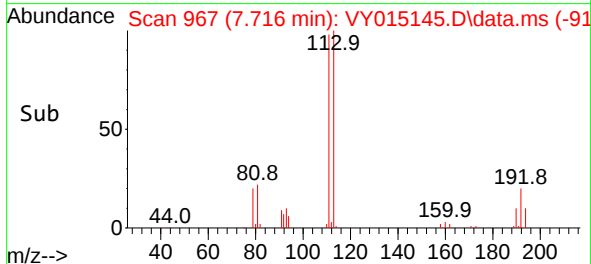
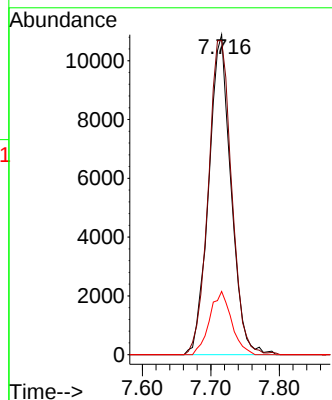
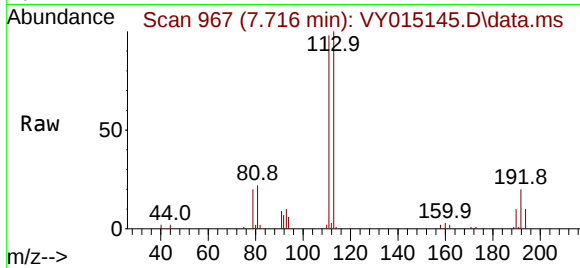


#35
 Dibromofluoromethane
 Concen: 48.837 ug/l
 RT: 7.716 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VY015145.D
 Acq: 16 Aug 2023 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP15A

Tgt Ion:113 Resp: 24544

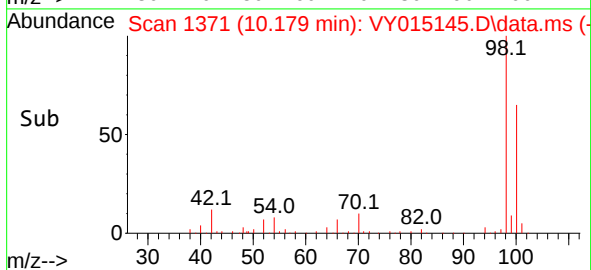
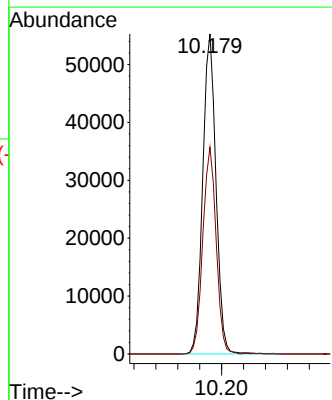
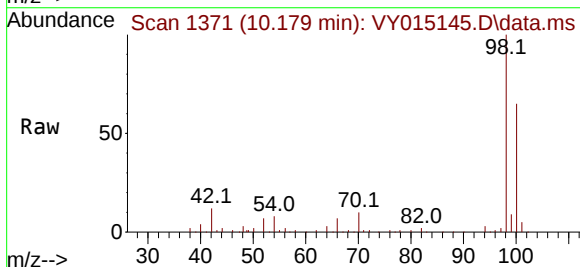
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.3	121.9
192	19.5	16.9	25.3

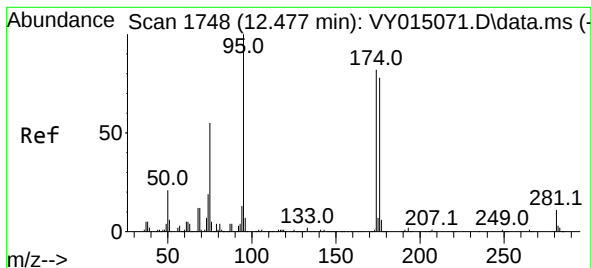


#50
 Toluene-d8
 Concen: 49.464 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.000 min
 Lab File: VY015145.D
 Acq: 16 Aug 2023 13:20

Tgt Ion: 98 Resp: 92541

Ion	Ratio	Lower	Upper
98	100		
100	65.1	50.1	75.1

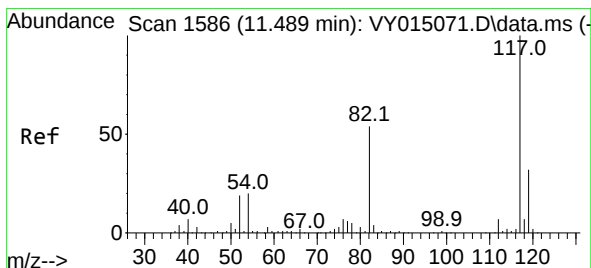
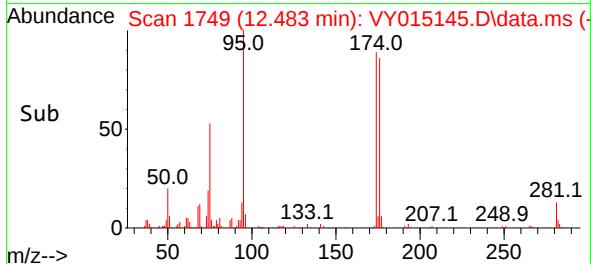
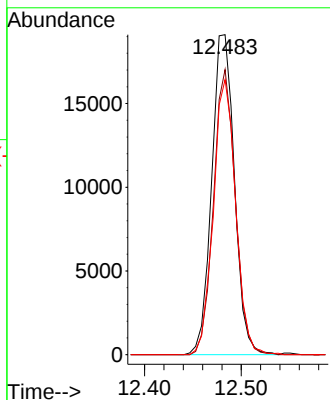
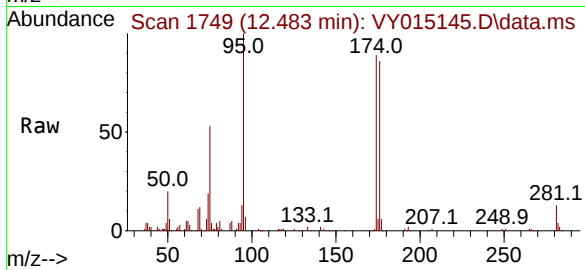




#62
4-Bromofluorobenzene
Concen: 45.710 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015145.D
Acq: 16 Aug 2023 13:20

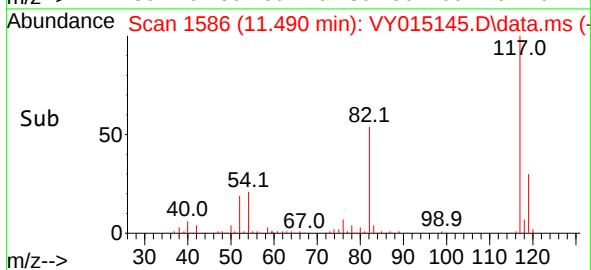
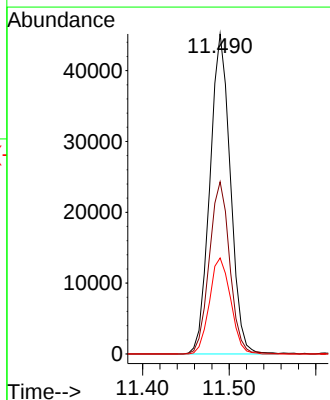
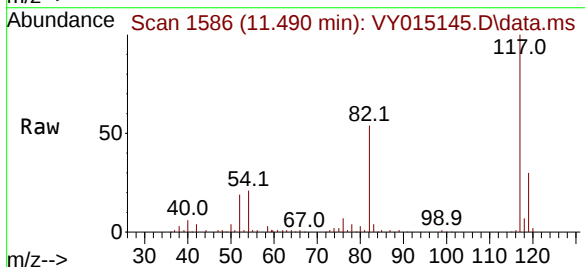
Instrument :
MSVOA_Y
ClientSampleId :
B-PP15A

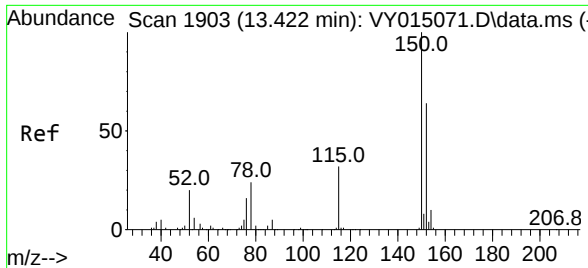
Tgt Ion: 95 Resp: 31235
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 84.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015145.D
Acq: 16 Aug 2023 13:20

Tgt Ion: 117 Resp: 74072
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 30.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY015145.D
 Acq: 16 Aug 2023 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP15A

Tgt Ion:	152	Resp:	33259
Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.8	86.5
150	160.3	0.0	348.8

