

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009068.D
 Acq On : 24 May 2022 17:39
 Operator : KP/MD
 Sample : N2948-05
 Misc : 5.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P035-SS001-0612-01

Quant Time: May 25 02:55:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

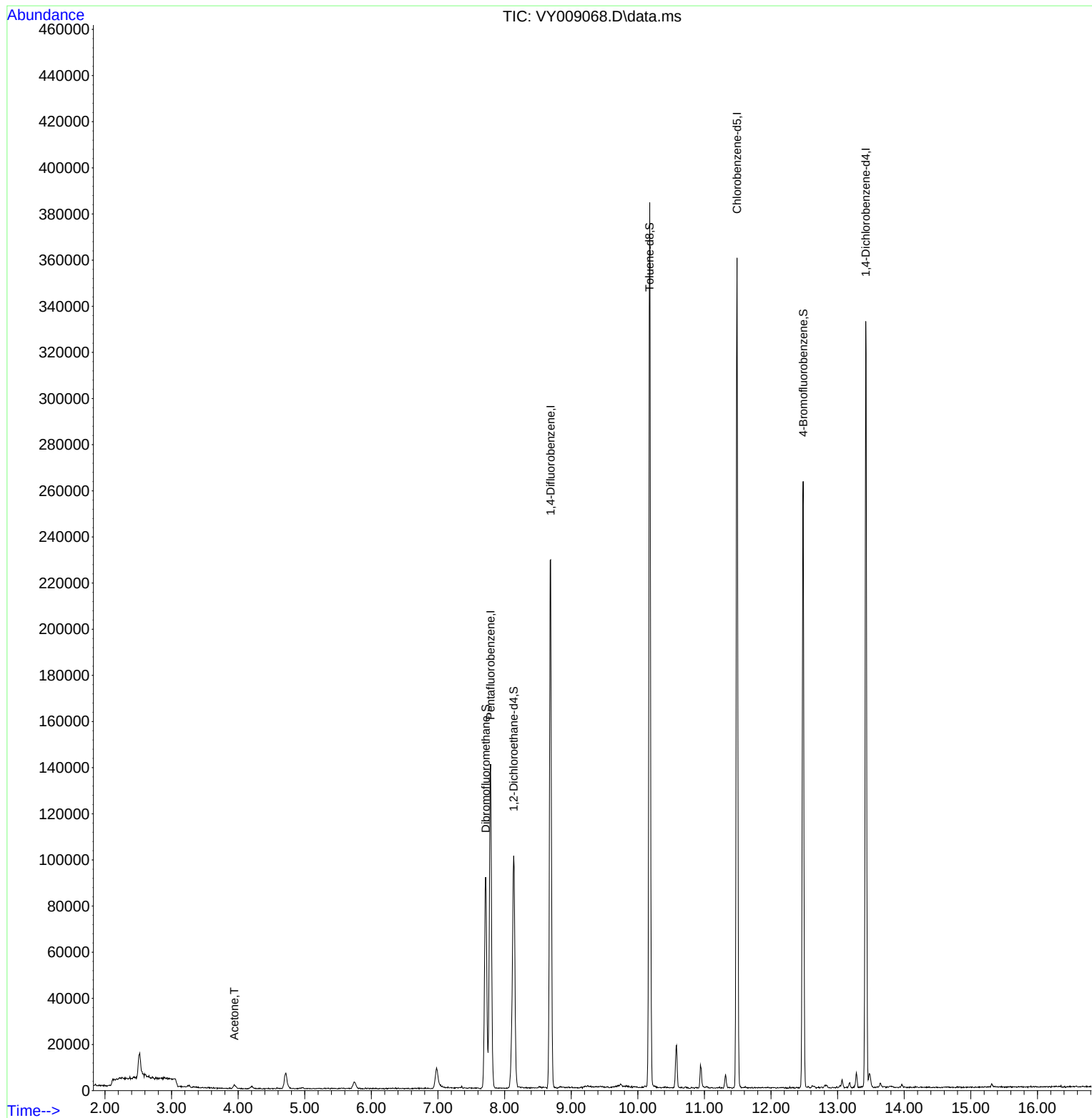
Internal Standards						
1) Pentafluorobenzene	7.789	168	106858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	195731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	187878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	80369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	68092	61.915	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.840%	
35) Dibromofluoromethane	7.716	113	62293	51.180	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.360%	
50) Toluene-d8	10.179	98	243276	54.179	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.360%	
62) 4-Bromofluorobenzene	12.483	95	68867	38.021	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.040%	
Target Compounds						
16) Acetone	3.942	43	2810	12.275	ug/l	Qvalue # 71

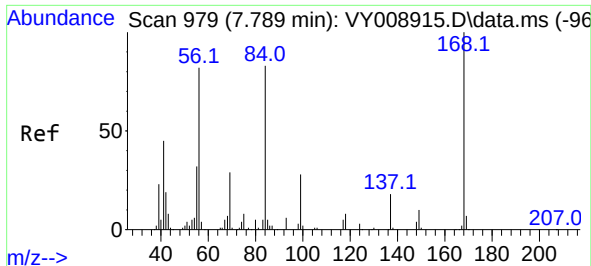
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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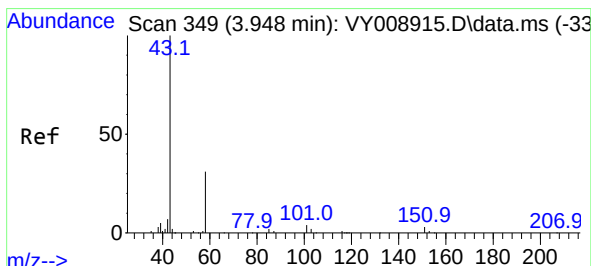
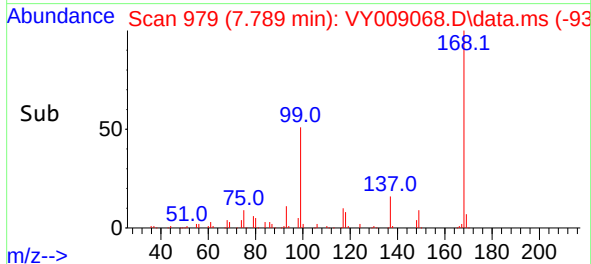
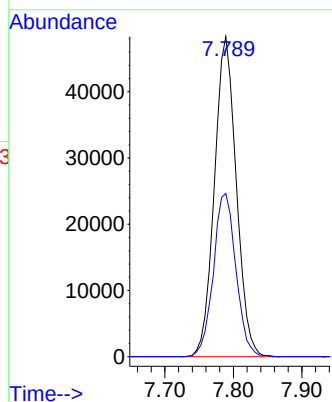
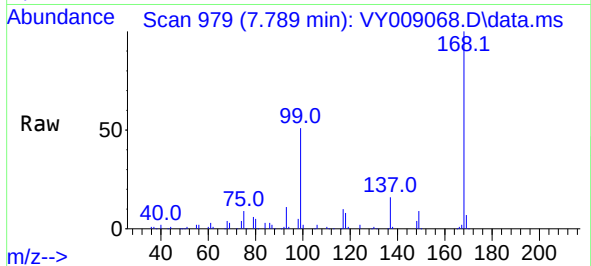




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009068.D
Acq: 24 May 2022 17:39

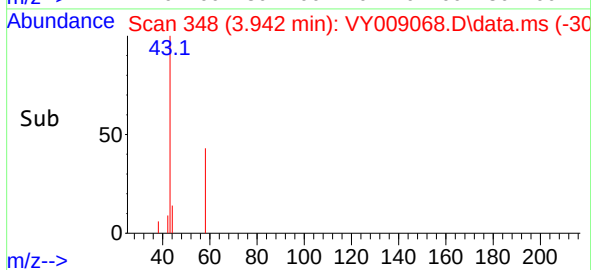
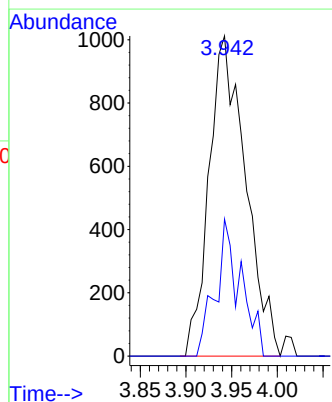
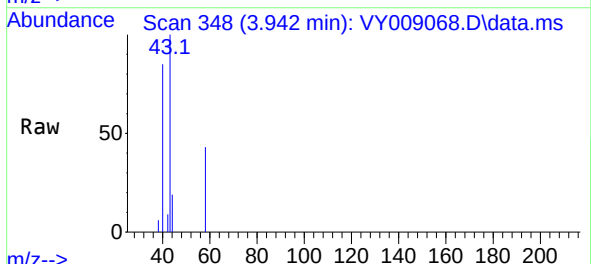
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-0612-01

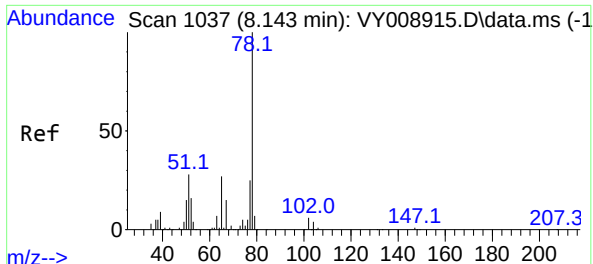
Tgt Ion:168 Resp: 106858
Ion Ratio Lower Upper
168 100
99 51.0 46.9 70.3



#16
Acetone
Concen: 12.275 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009068.D
Acq: 24 May 2022 17:39

Tgt Ion: 43 Resp: 2810
Ion Ratio Lower Upper
43 100
58 42.8 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 61.915 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009068.D

Acq: 24 May 2022 17:39

Instrument :

MSVOA_Y

ClientSampleId :

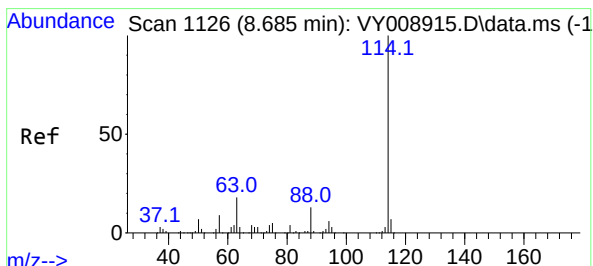
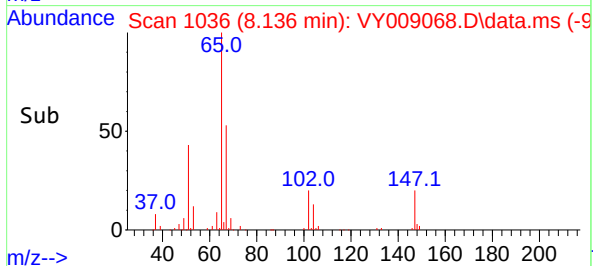
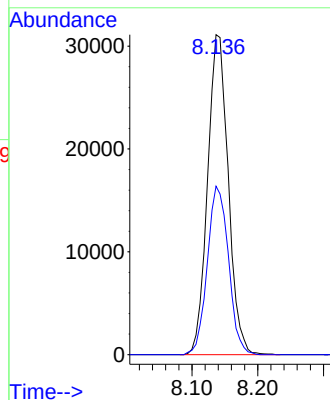
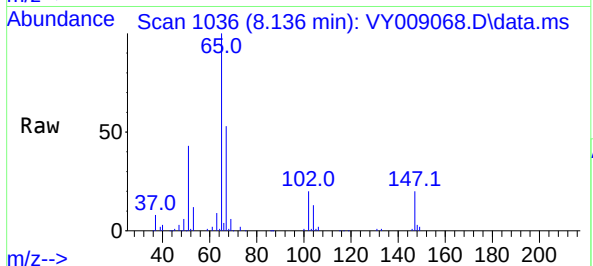
P035-SS001-0612-01

Tgt Ion: 65 Resp: 68092

Ion Ratio Lower Upper

65 100

67 53.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009068.D

Acq: 24 May 2022 17:39

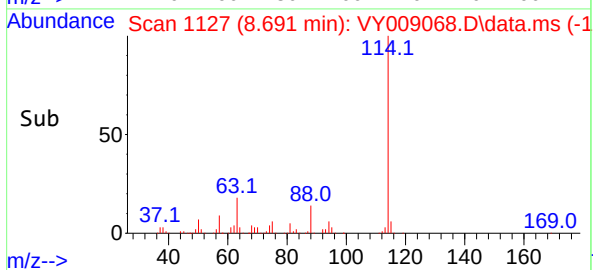
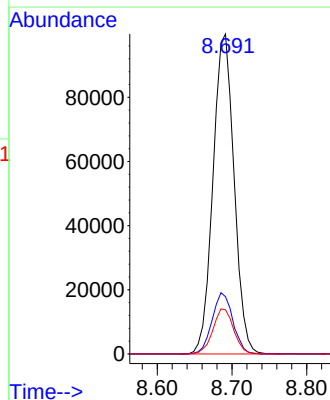
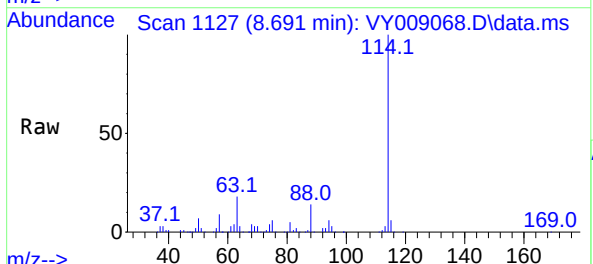
Tgt Ion: 114 Resp: 195731

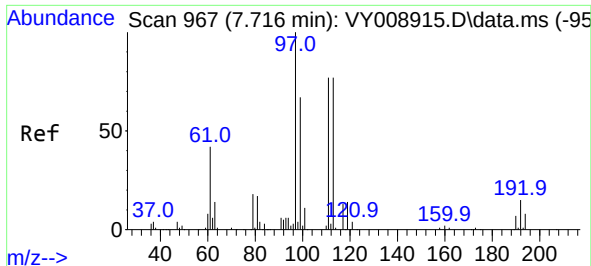
Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 13.8 0.0 31.8

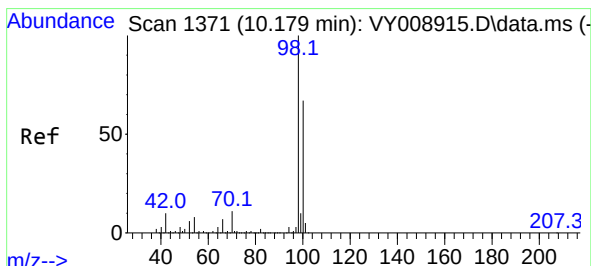
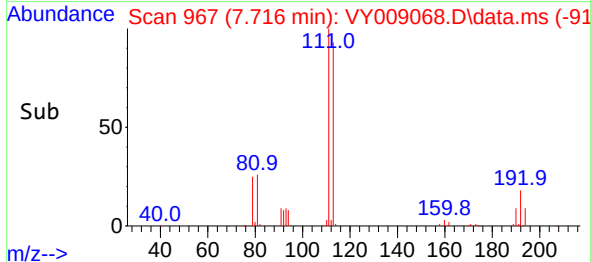
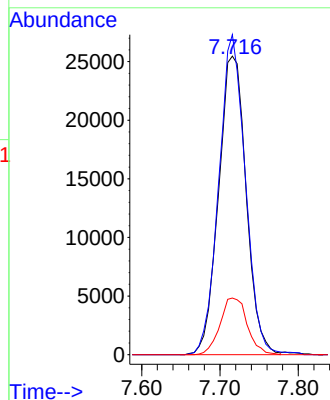
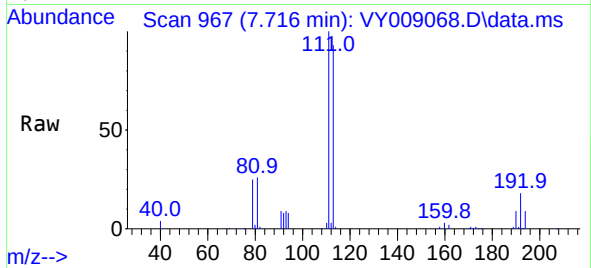




#35
Dibromofluoromethane
Concen: 51.180 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009068.D
Acq: 24 May 2022 17:39

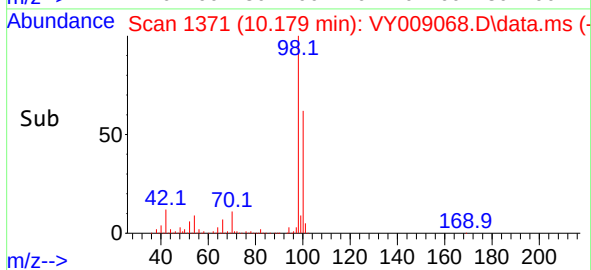
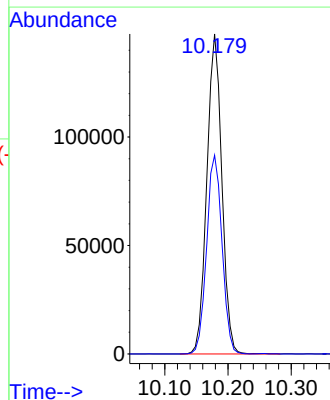
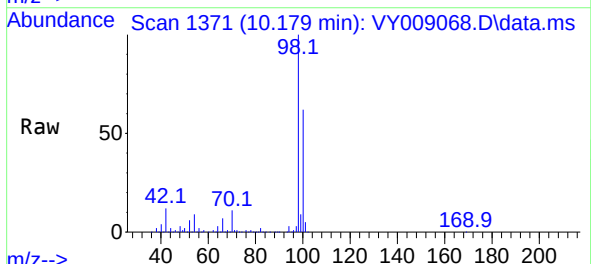
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-0612-01

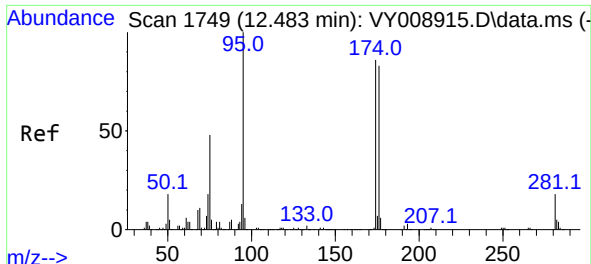
Tgt Ion:113 Resp: 62293
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 18.7 17.6 26.4



#50
Toluene-d8
Concen: 54.179 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009068.D
Acq: 24 May 2022 17:39

Tgt Ion: 98 Resp: 243276
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2

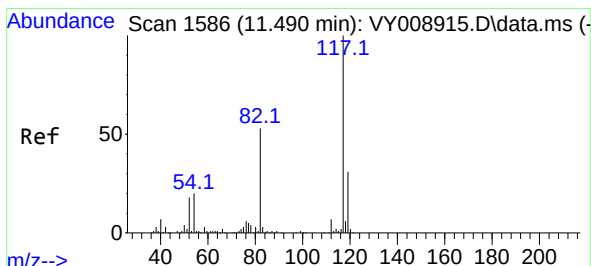
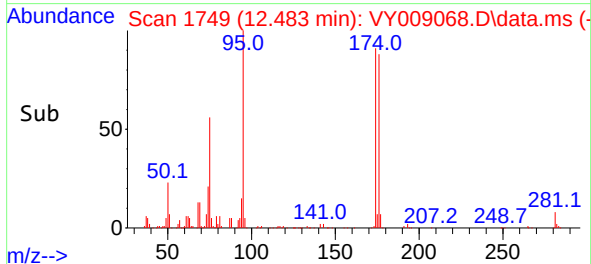
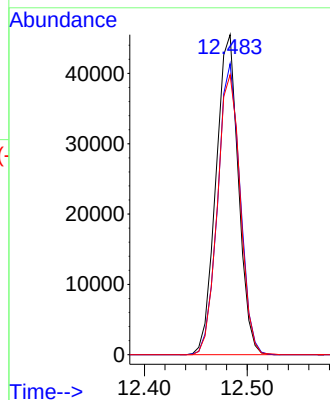
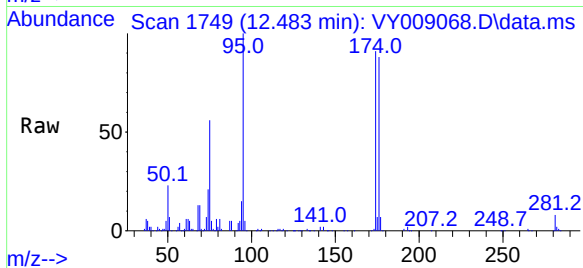




#62
4-Bromofluorobenzene
Concen: 38.021 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009068.D
Acq: 24 May 2022 17:39

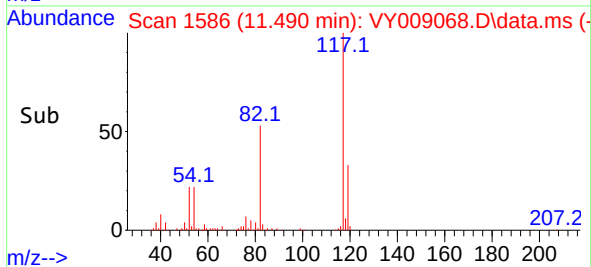
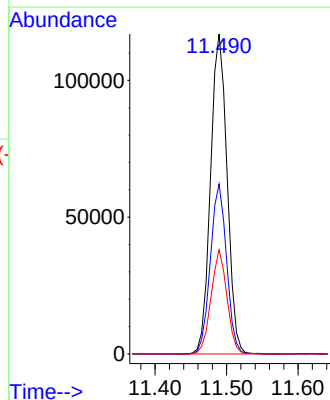
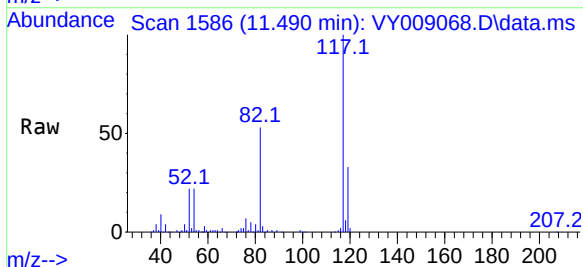
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-0612-01

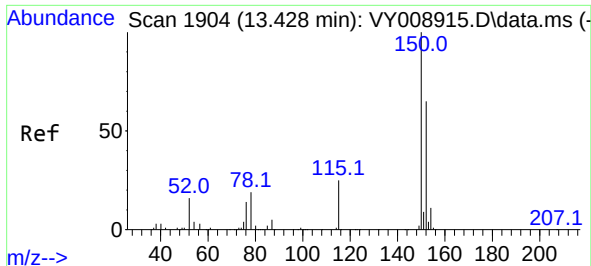
Tgt Ion:	95	Resp:	68867
Ion	Ratio	Lower	Upper
95	100		
174	90.6	0.0	177.0
176	89.0	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009068.D
Acq: 24 May 2022 17:39

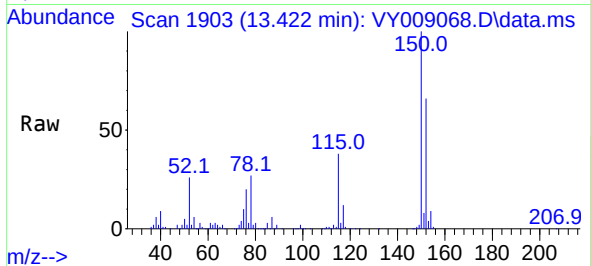
Tgt Ion:	117	Resp:	187878
Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.0	64.4
119	32.6	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY009068.D
 Acq: 24 May 2022 17:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 P035-SS001-0612-01



Tgt Ion:152 Resp: 80369
 Ion Ratio Lower Upper
 152 100
 115 56.6 28.2 84.7
 150 156.1 0.0 347.6

