

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009017.D
 Acq On : 23 May 2022 19:25
 Operator : KP/MD
 Sample : N2887-22RE
 Misc : 5.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P041-SS001-0006-01RE

Quant Time: May 24 01:50:35 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)

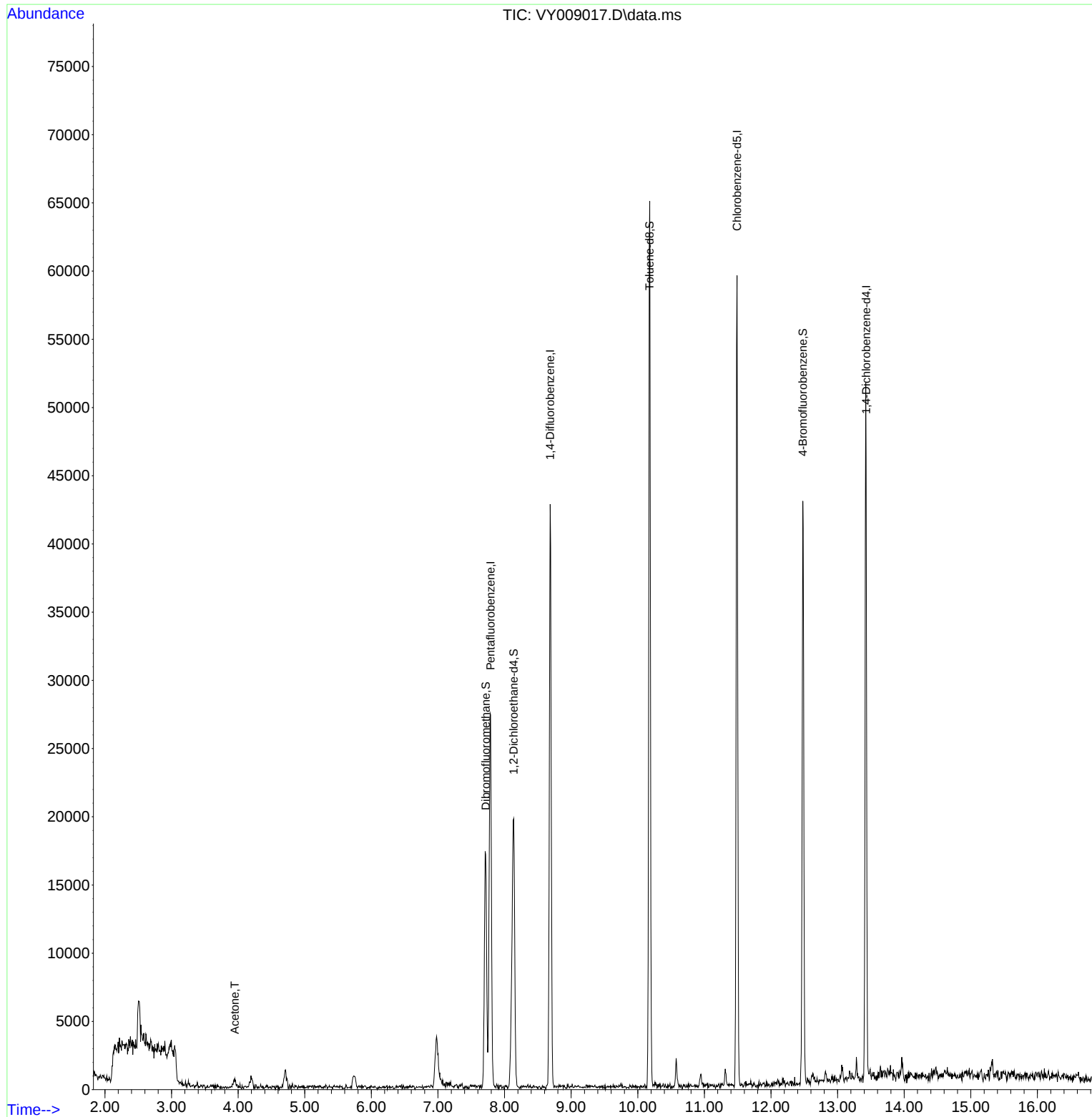
Internal Standards						
1) Pentafluorobenzene	7.789	168	21757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	34573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	31150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	12797	57.150	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.300%
35) Dibromofluoromethane	7.716	113	11977	55.710	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.420%
50) Toluene-d8	10.179	98	41941	52.881	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.760%
62) 4-Bromofluorobenzene	12.477	95	11198	35.000	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.000%
Target Compounds						
16) Acetone	3.948	43	896	19.223	ug/l	Qvalue # 81

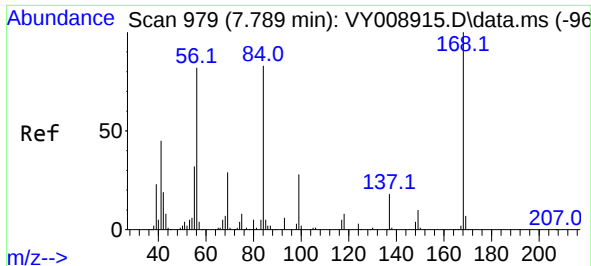
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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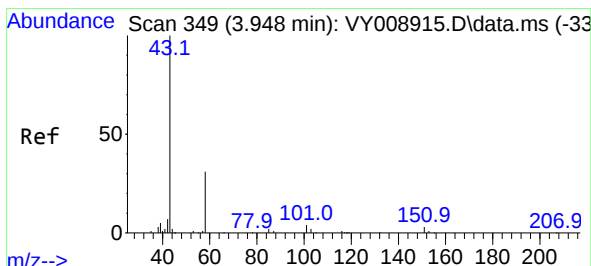
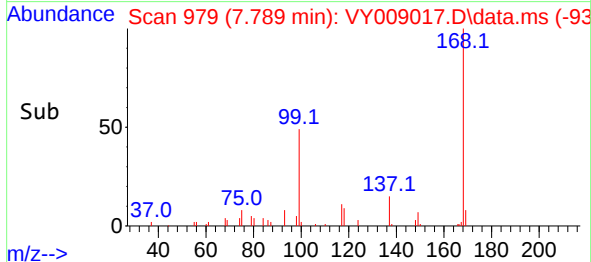
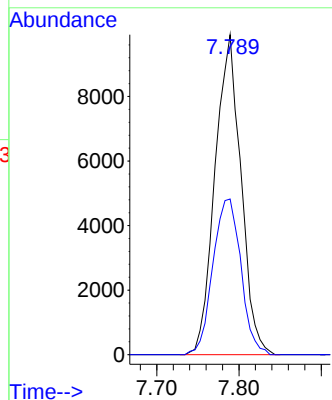
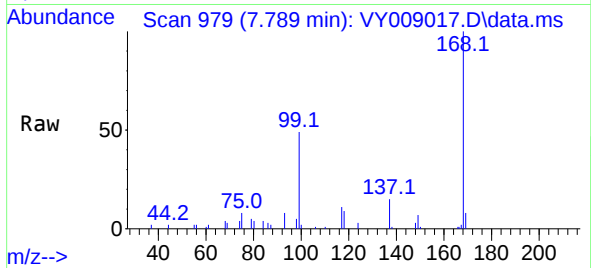




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009017.D
Acq: 23 May 2022 19:25

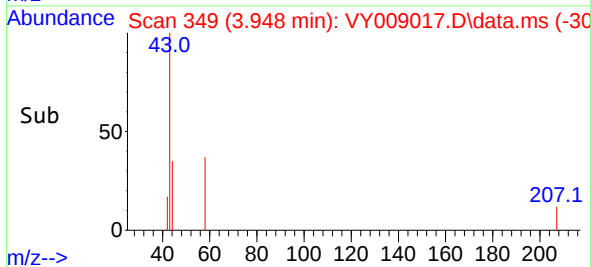
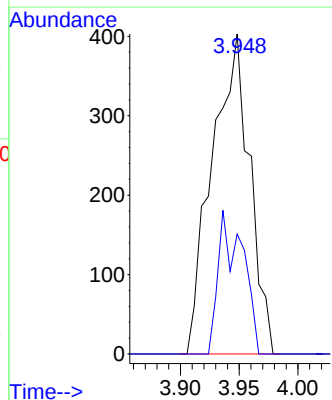
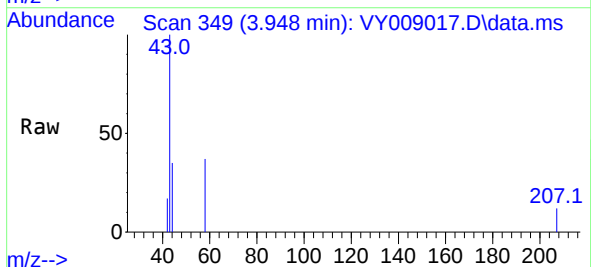
Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-0006-01RE

Tgt Ion:168 Resp: 21757
Ion Ratio Lower Upper
168 100
99 48.6 46.9 70.3



#16
Acetone
Concen: 19.223 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY009017.D
Acq: 23 May 2022 19:25

Tgt Ion: 43 Resp: 896
Ion Ratio Lower Upper
43 100
58 37.5 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 57.150 ug/l

RT: 8.137 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY009017.D

Acq: 23 May 2022 19:25

Instrument :

MSVOA_Y

ClientSampleId :

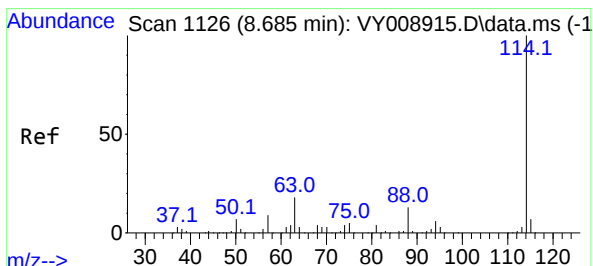
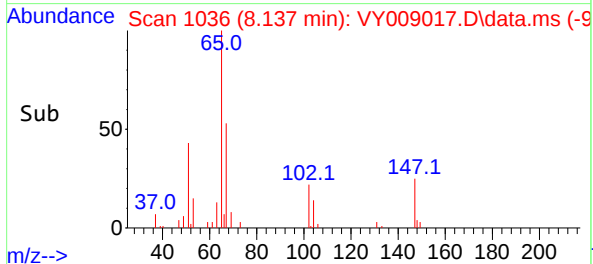
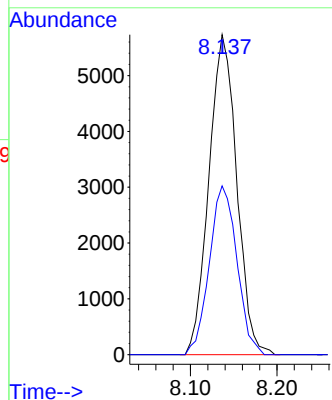
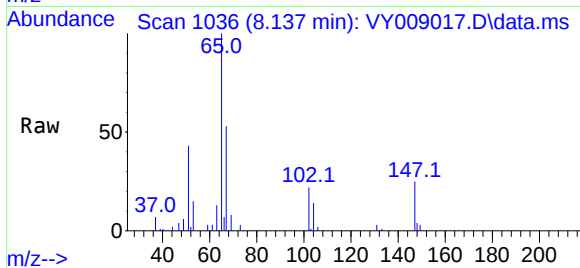
P041-SS001-0006-01RE

Tgt Ion: 65 Resp: 12797

Ion Ratio Lower Upper

65 100

67 52.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009017.D

Acq: 23 May 2022 19:25

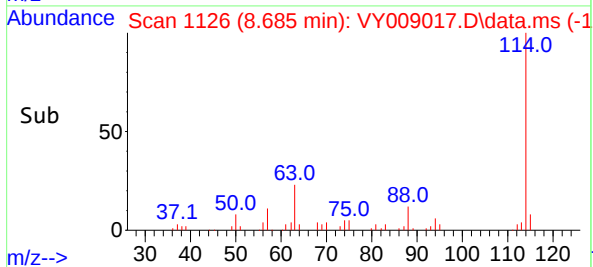
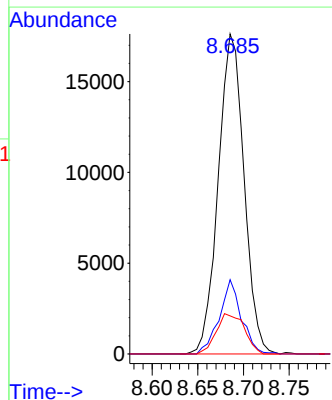
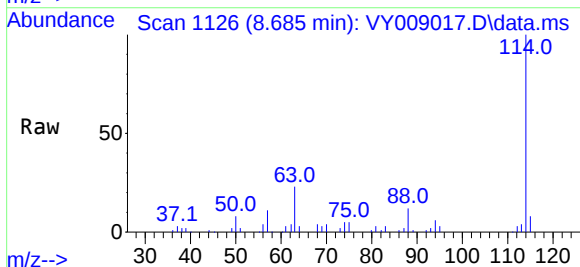
Tgt Ion: 114 Resp: 34573

Ion Ratio Lower Upper

114 100

63 23.2 0.0 43.2

88 11.9 0.0 31.8

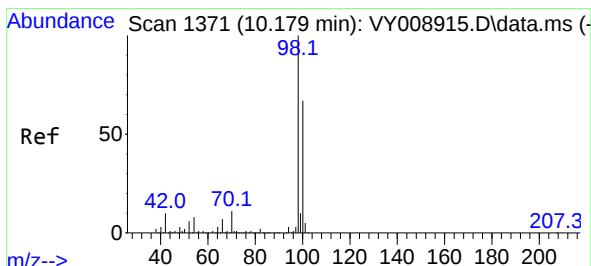
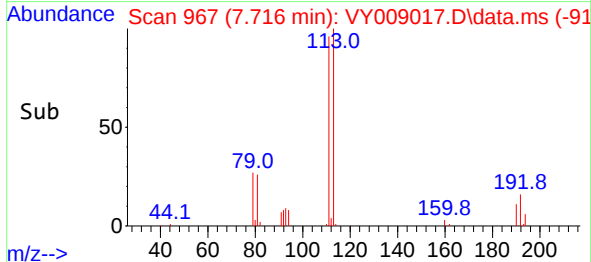
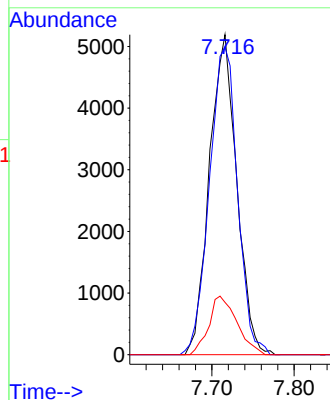
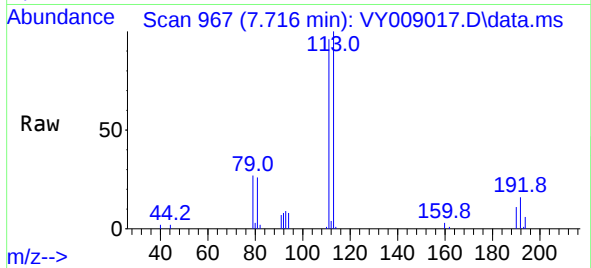




#35
Dibromofluoromethane
Concen: 55.710 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009017.D
Acq: 23 May 2022 19:25

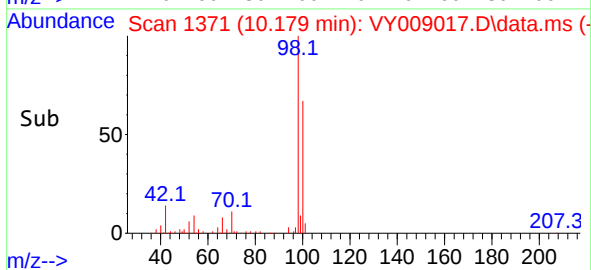
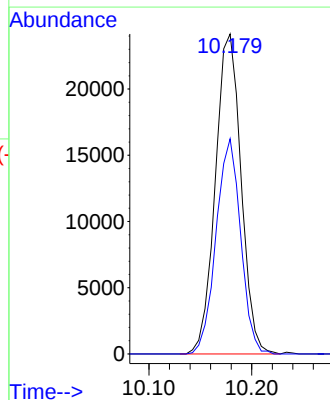
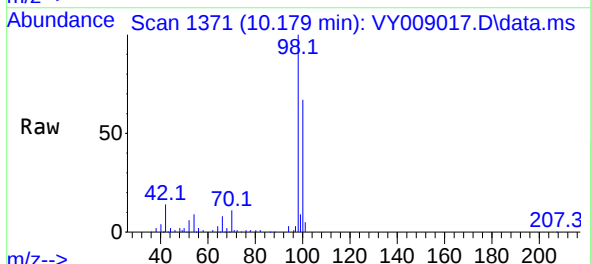
Instrument :
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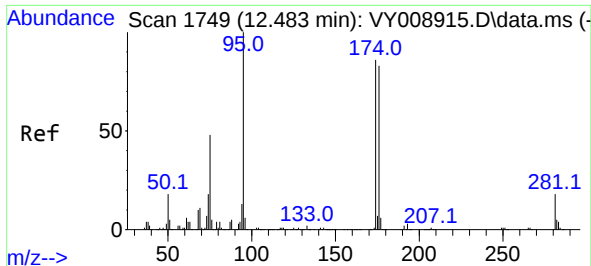
Tgt Ion:	113	Resp:	11977
Ion	Ratio	Lower	Upper
113	100		
111	99.0	82.6	124.0
192	18.8	17.6	26.4



#50
Toluene-d8
Concen: 52.881 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009017.D
Acq: 23 May 2022 19:25

Tgt Ion:	98	Resp:	41941
Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.2	75.2

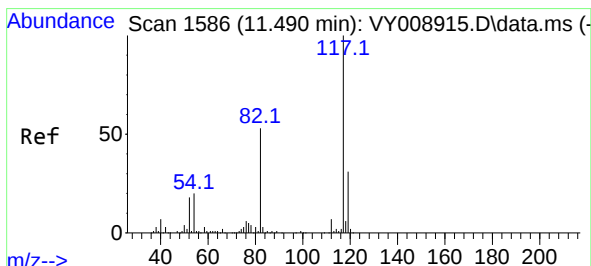
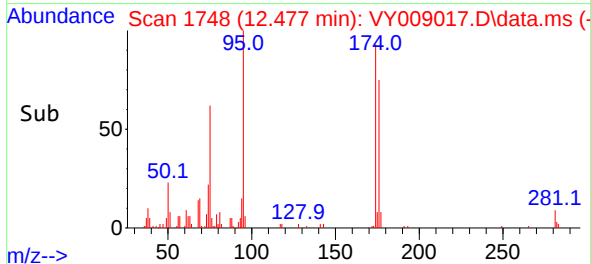
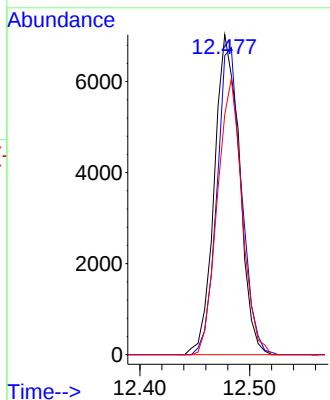
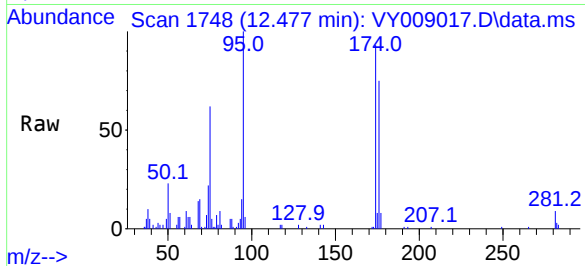




#62
4-Bromofluorobenzene
Concen: 35.000 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009017.D
Acq: 23 May 2022 19:25

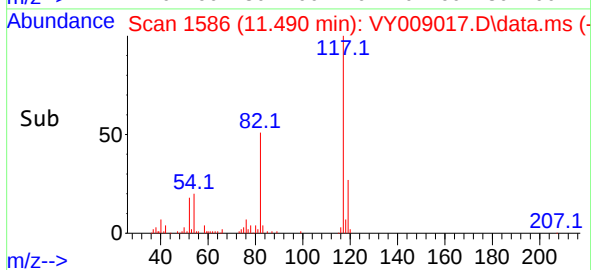
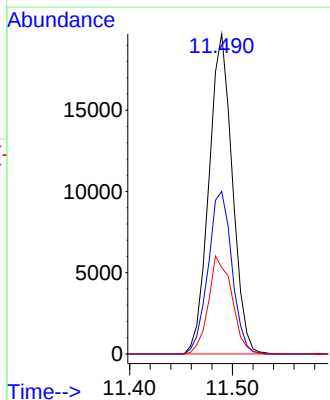
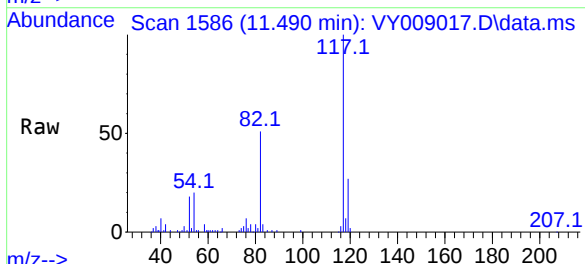
Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-0006-01RE

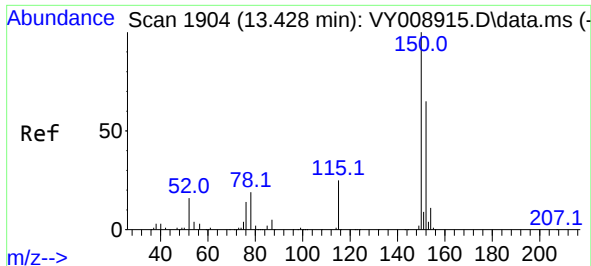
Tgt Ion: 95 Resp: 11198
Ion Ratio Lower Upper
95 100
174 93.7 0.0 177.0
176 84.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009017.D
Acq: 23 May 2022 19:25

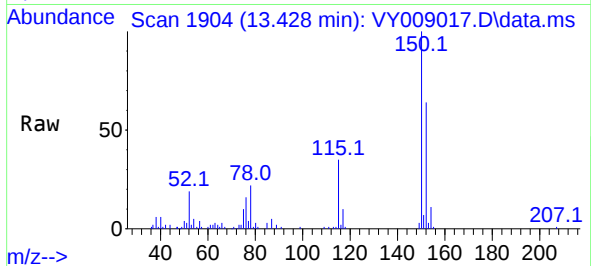
Tgt Ion: 117 Resp: 31150
Ion Ratio Lower Upper
117 100
82 50.8 43.0 64.4
119 27.0 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009017.D
 Acq: 23 May 2022 19:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 P041-SS001-0006-01RE



Tgt Ion:	152	Resp:	11978
Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.2	84.7
150	158.9	0.0	347.6

