

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020722\
 Data File : VY007411.D
 Acq On : 07 Feb 2022 14:31
 Operator : SY/MD
 Sample : N1387-05
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 26601

Quant Time: Feb 08 00:38:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

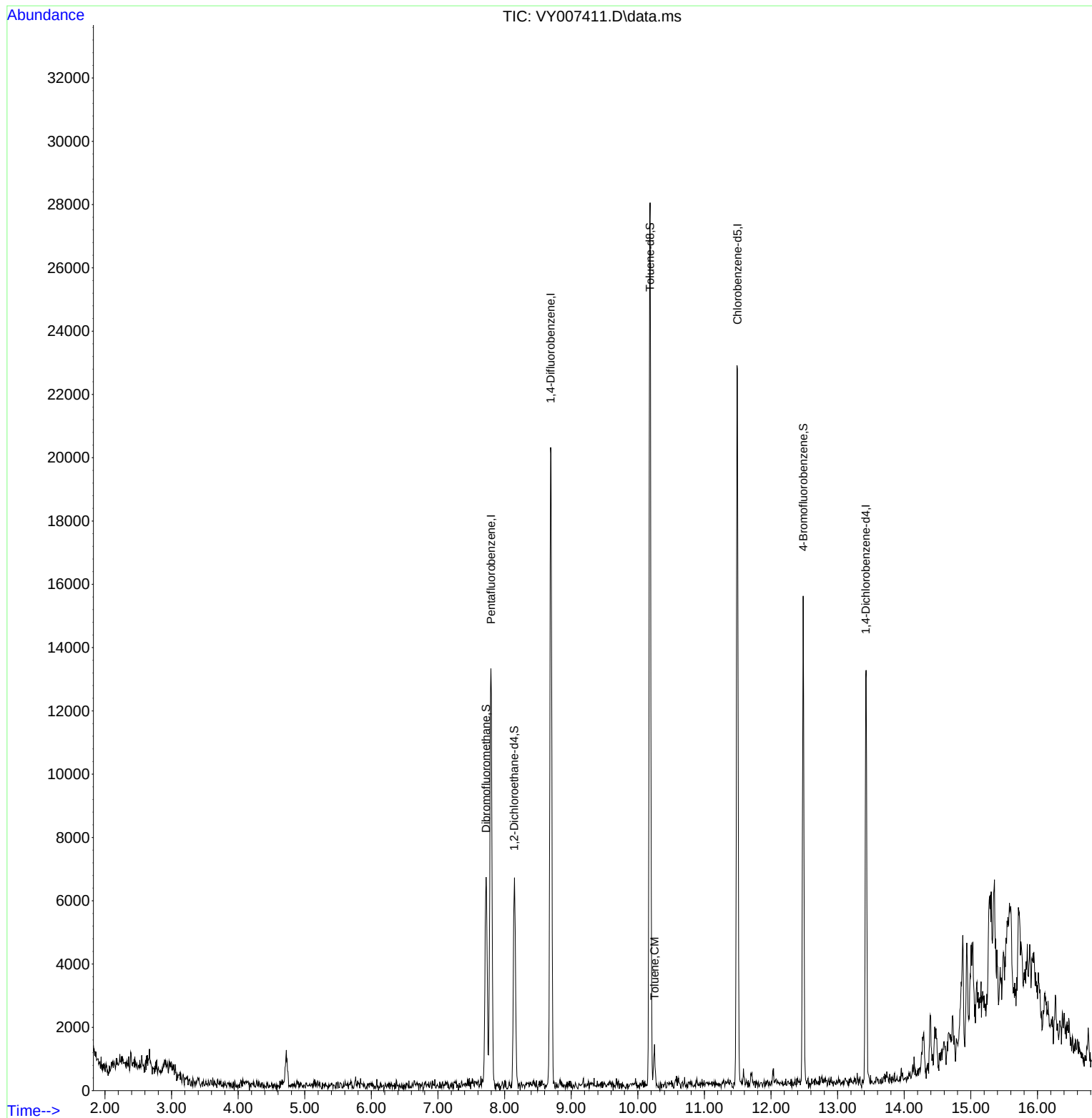
Internal Standards						
1) Pentafluorobenzene	7.795	168	10160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	16985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	12580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	3535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	4994	42.733	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.460%
35) Dibromofluoromethane	7.722	113	4658	42.708	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.420%
50) Toluene-d8	10.185	98	19099	47.398	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.800%
62) 4-Bromofluorobenzene	12.483	95	4540	33.149	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	66.300%
Target Compounds						
52) Toluene	10.252	92	548	1.721	ug/l	Qvalue 98

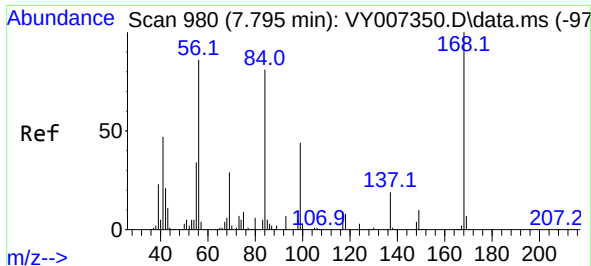
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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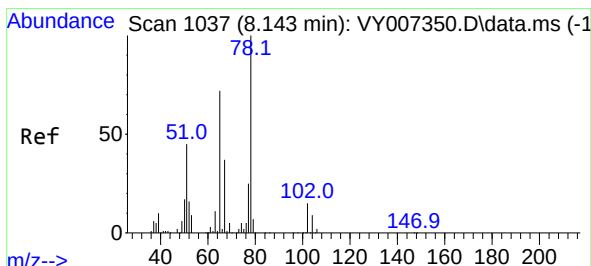
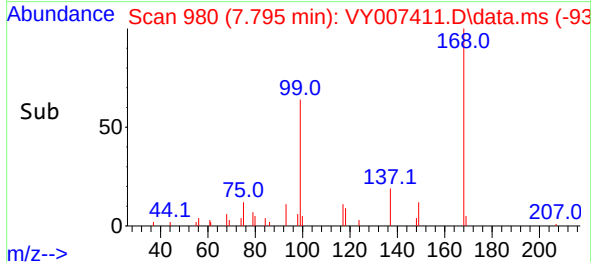
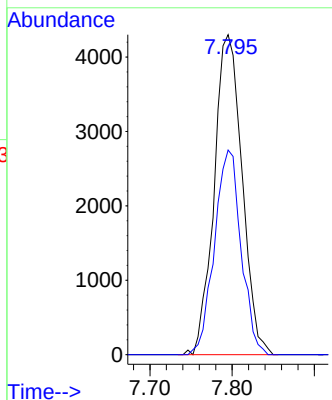
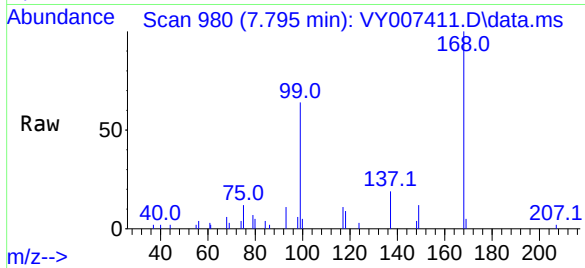




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY007411.D
Acq: 07 Feb 2022 14:31

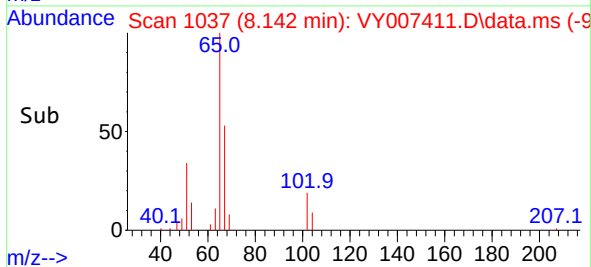
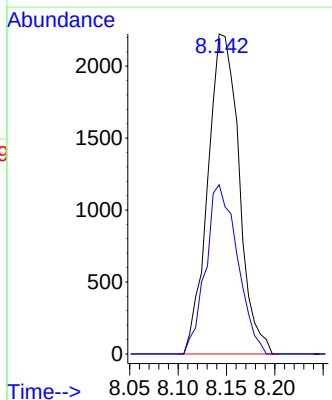
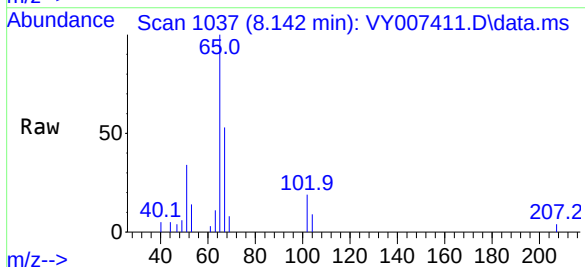
Instrument :
MSVOA_Y
ClientSampleId :
26601

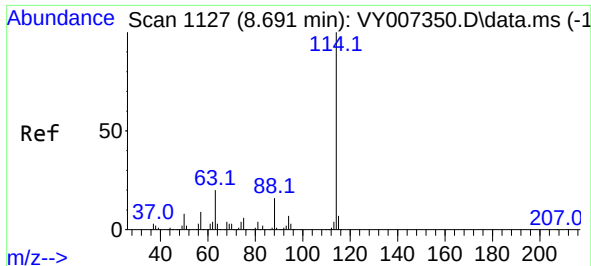
Tgt Ion:168 Resp: 10160
Ion Ratio Lower Upper
168 100
99 63.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 42.733 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007411.D
Acq: 07 Feb 2022 14:31

Tgt Ion: 65 Resp: 4994
Ion Ratio Lower Upper
65 100
67 53.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007411.D

Acq: 07 Feb 2022 14:31

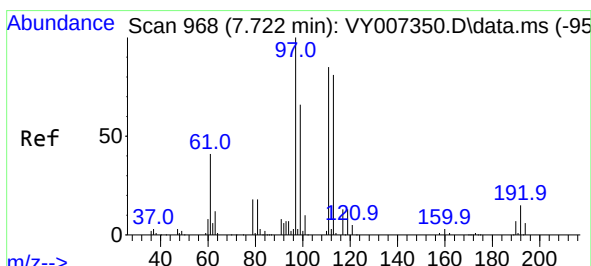
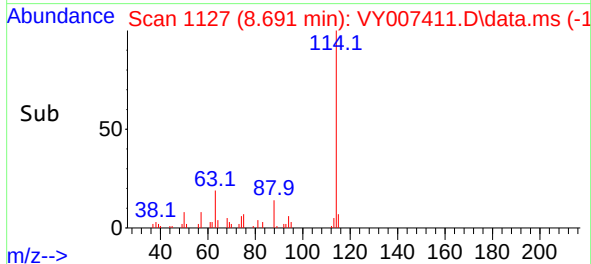
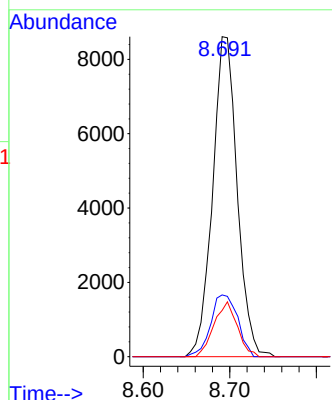
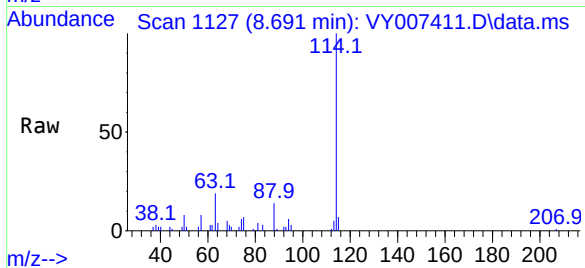
Instrument :

MSVOA_Y

ClientSampleId :

26601

Tgt Ion:	114	Resp:	16985
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	43.2
88	14.5	0.0	31.8



#35

Dibromofluoromethane

Concen: 42.708 ug/l

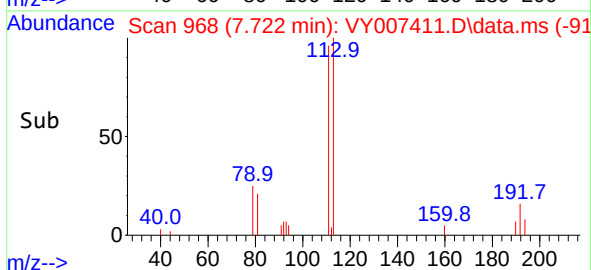
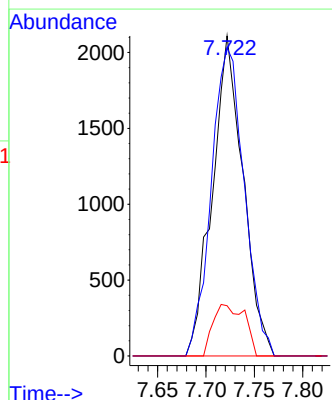
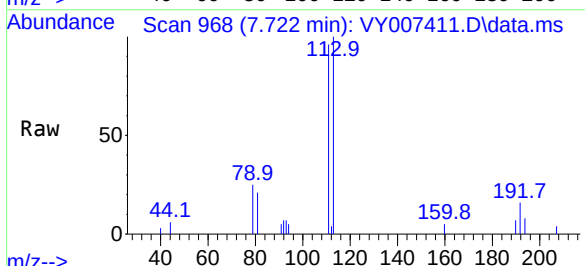
RT: 7.722 min Scan# 968

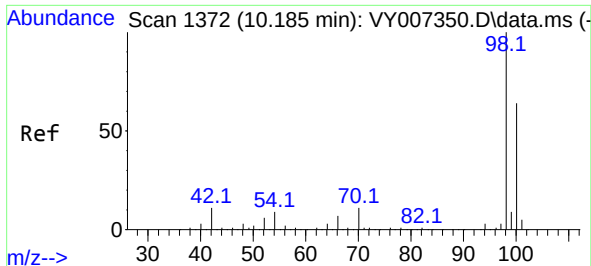
Delta R.T. -0.000 min

Lab File: VY007411.D

Acq: 07 Feb 2022 14:31

Tgt Ion:	113	Resp:	4658
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	124.0
192	16.5	17.6	26.4

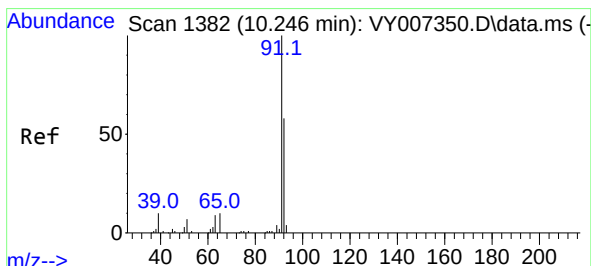
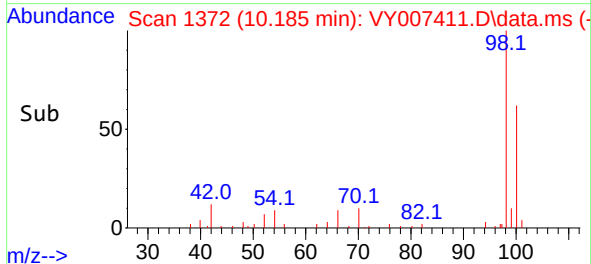
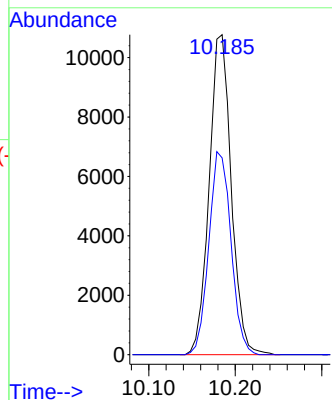
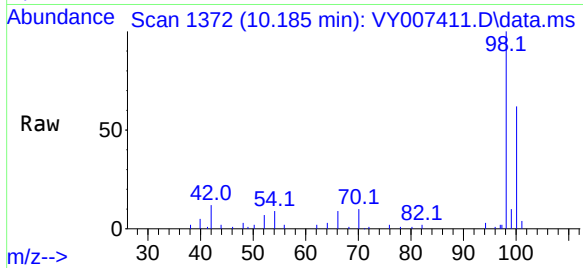




#50
Toluene-d8
Concen: 47.398 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007411.D
Acq: 07 Feb 2022 14:31

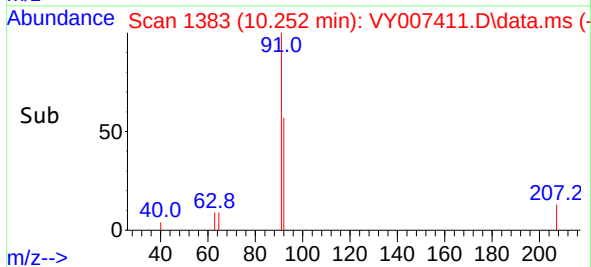
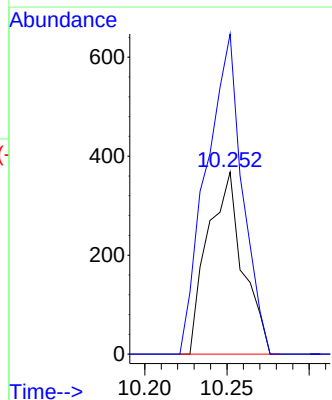
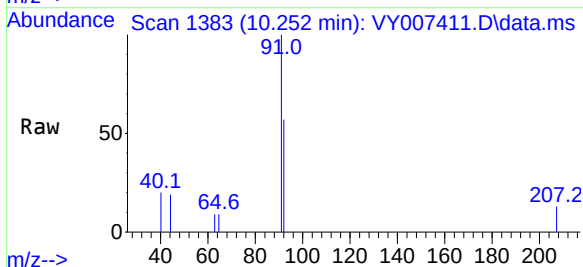
Instrument :
MSVOA_Y
ClientSampleId :
26601

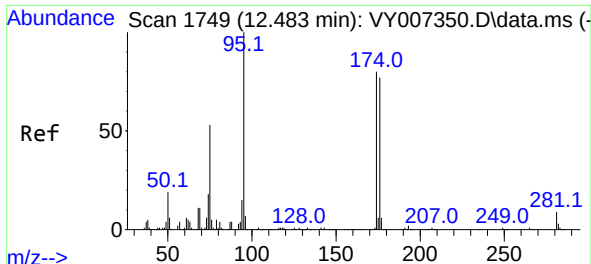
Tgt Ion: 98 Resp: 19099
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



#52
Toluene
Concen: 1.721 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY007411.D
Acq: 07 Feb 2022 14:31

Tgt Ion: 92 Resp: 548
Ion Ratio Lower Upper
92 100
91 181.0 142.6 213.8

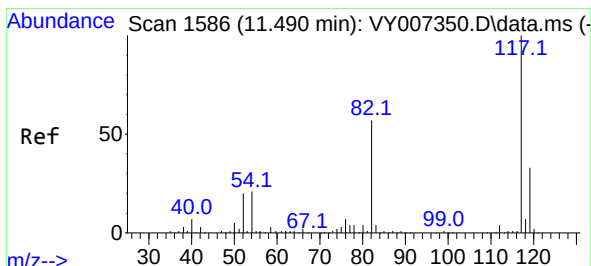
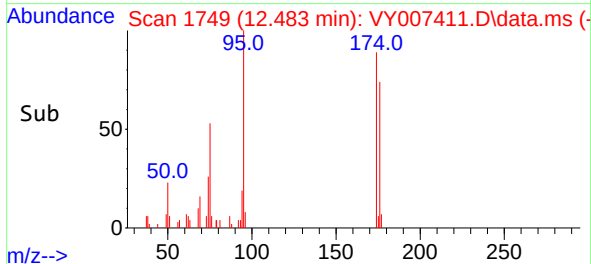
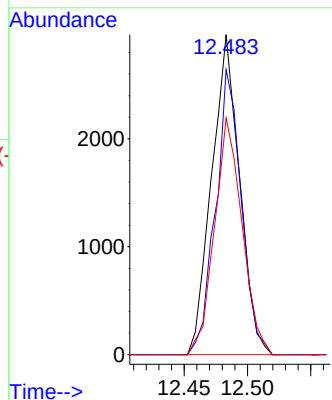
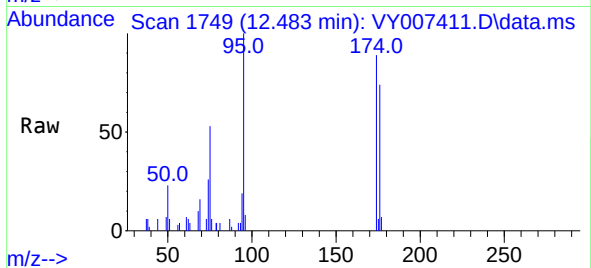




#62
4-Bromofluorobenzene
Concen: 33.149 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007411.D
Acq: 07 Feb 2022 14:31

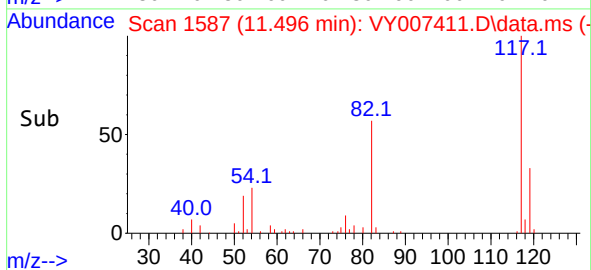
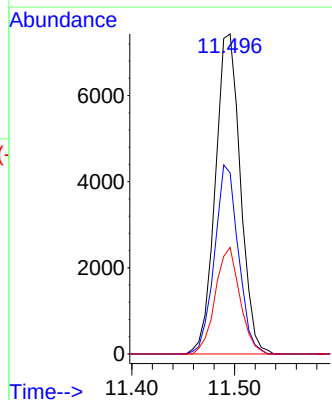
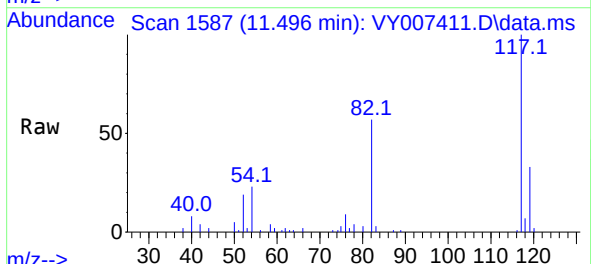
Instrument :
MSVOA_Y
ClientSampleId :
26601

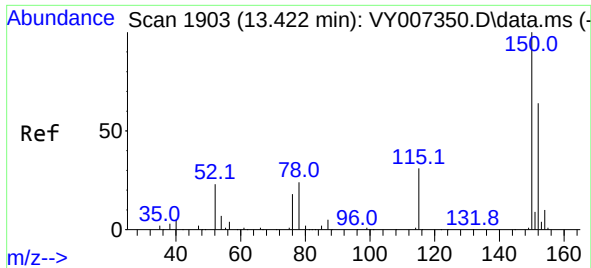
Tgt Ion: 95 Resp: 4540
Ion Ratio Lower Upper
95 100
174 82.6 0.0 177.0
176 73.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY007411.D
Acq: 07 Feb 2022 14:31

Tgt Ion: 117 Resp: 12580
Ion Ratio Lower Upper
117 100
82 56.6 43.0 64.4
119 33.3 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY007411.D

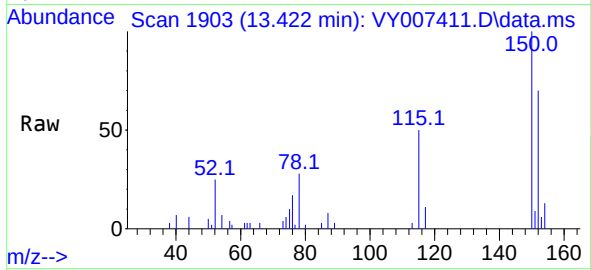
Acq: 07 Feb 2022 14:31

Instrument :

MSVOA_Y

ClientSampleId :

26601



Tgt Ion:152 Resp: 3535

Ion Ratio Lower Upper

152 100

115 68.2 28.2 84.7

150 153.2 0.0 347.6

