

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
 Data File : VY017298.D
 Acq On : 07 Feb 2024 18:48
 Operator : SY/MD
 Sample : P1391-11
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2

Quant Time: Feb 08 01:46:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

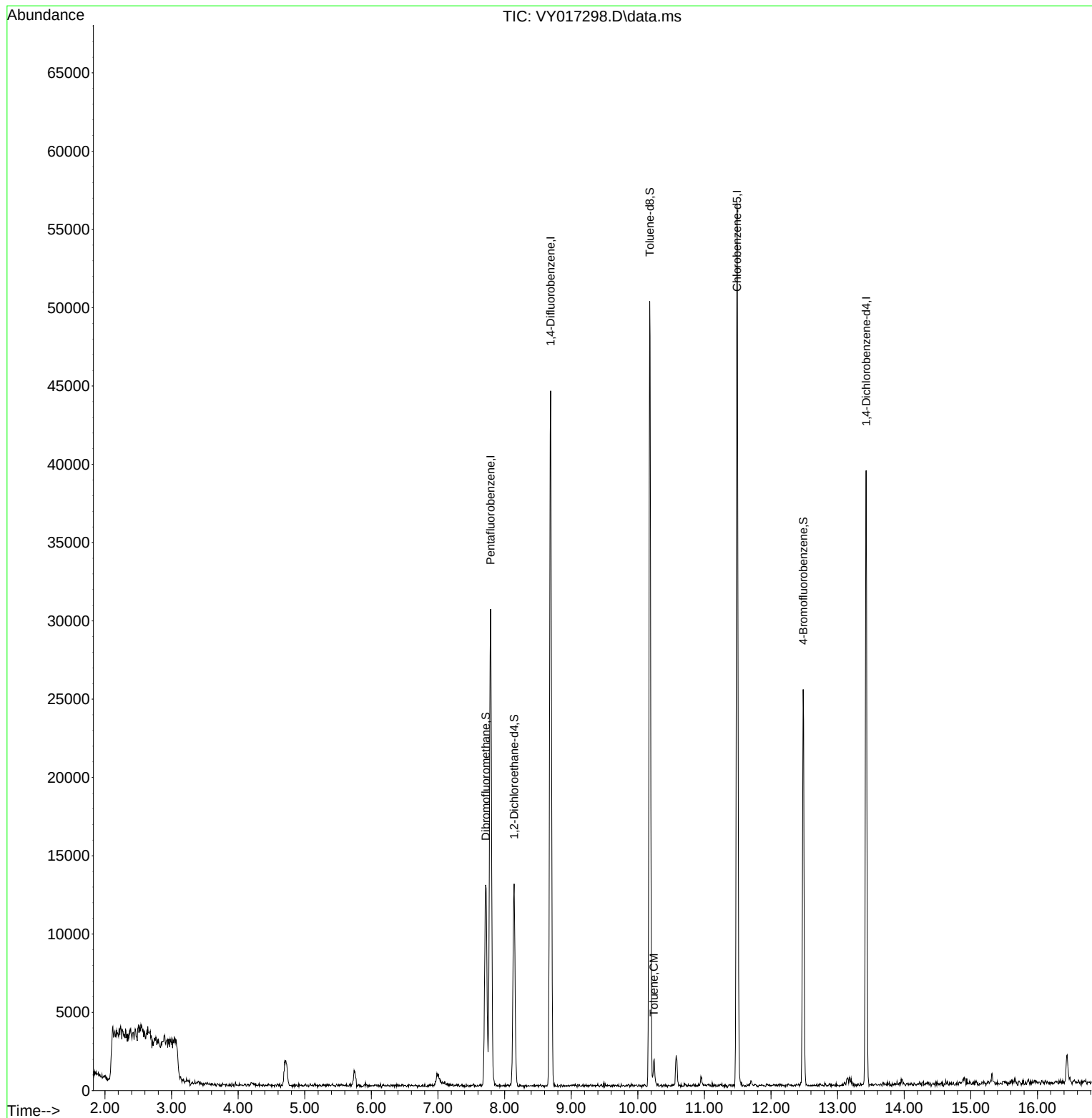
Internal Standards						
1) Pentafluorobenzene	7.789	168	22008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	36751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	29563	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	9284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	9569	48.671	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.340%
35) Dibromofluoromethane	7.715	113	9163	46.177	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.360%
50) Toluene-d8	10.178	98	32328	44.746	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.500%
62) 4-Bromofluorobenzene	12.483	95	7689	32.488	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	64.980%
Target Compounds						
52) Toluene	10.239	92	764	1.295	ug/l	Qvalue 91

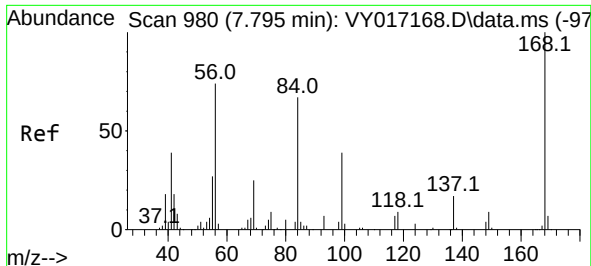
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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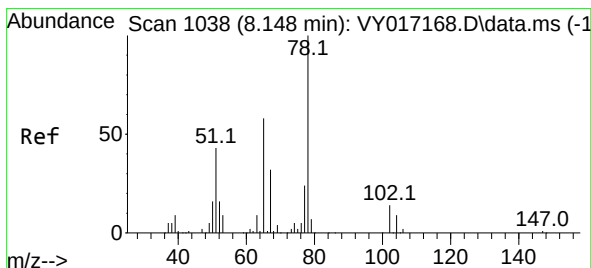
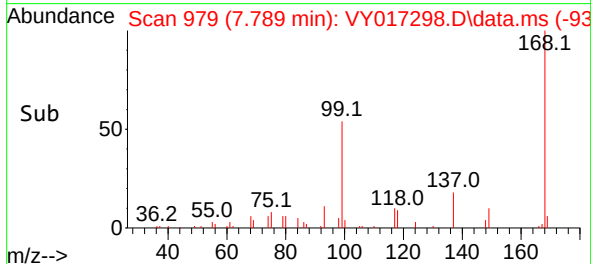
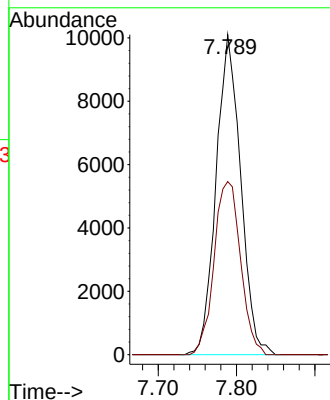
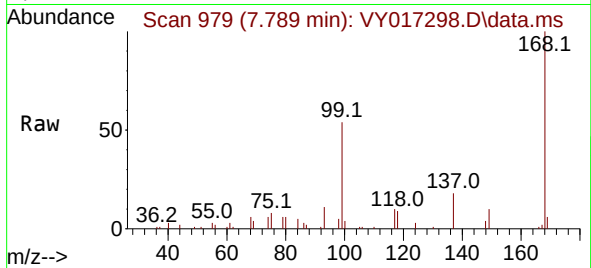




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017298.D
Acq: 07 Feb 2024 18:48

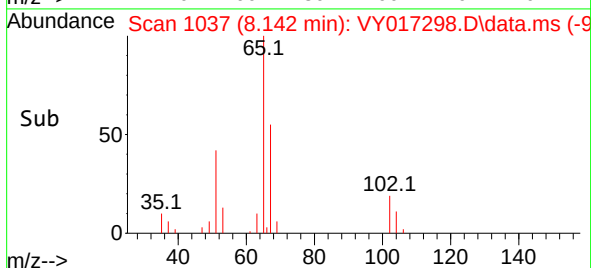
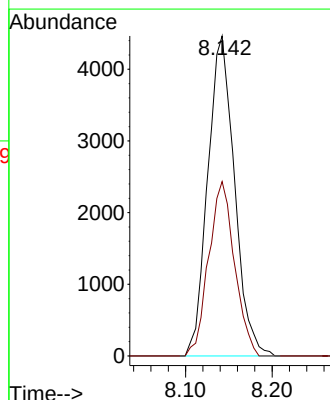
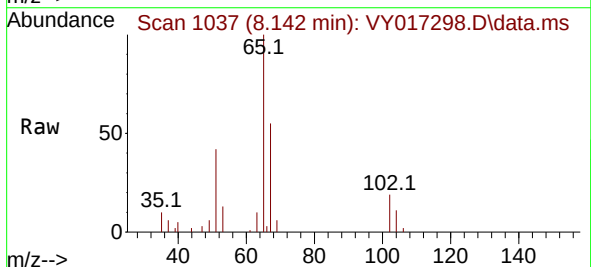
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

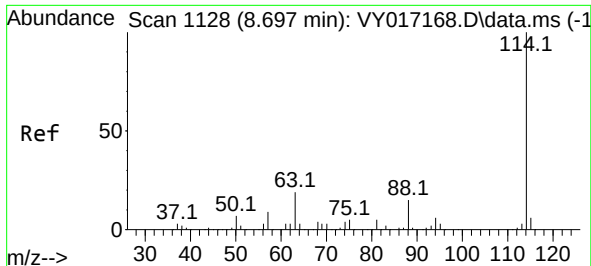
Tgt Ion:168 Resp: 22008
Ion Ratio Lower Upper
168 100
99 54.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 48.671 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017298.D
Acq: 07 Feb 2024 18:48

Tgt Ion: 65 Resp: 9569
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY017298.D

Acq: 07 Feb 2024 18:48

Instrument :

MSVOA_Y

ClientSampleId :

SP-2

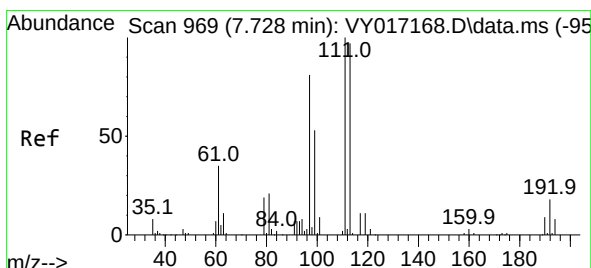
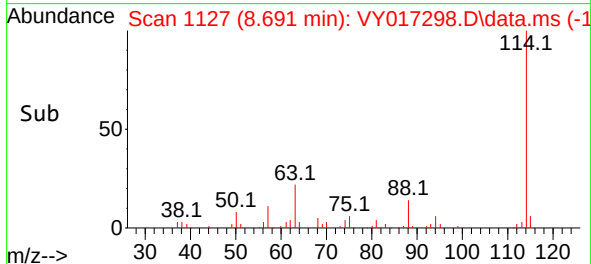
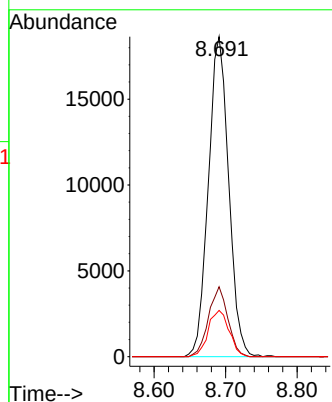
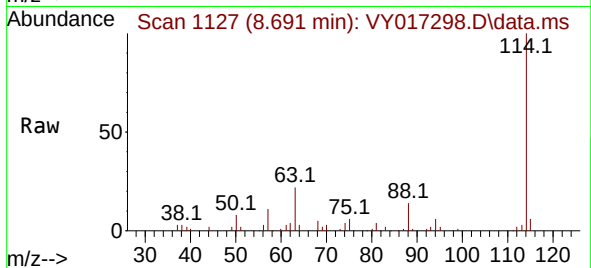
Tgt Ion:114 Resp: 36751

Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.4

88 14.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 46.177 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.012 min

Lab File: VY017298.D

Acq: 07 Feb 2024 18:48

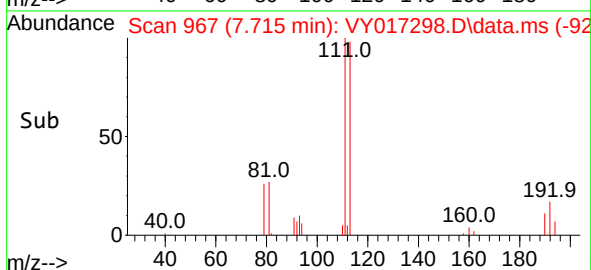
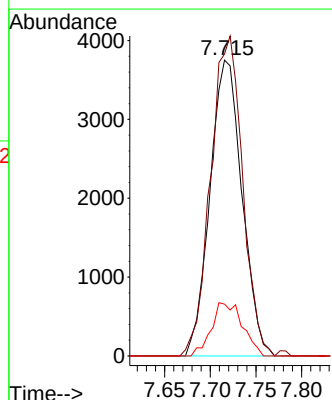
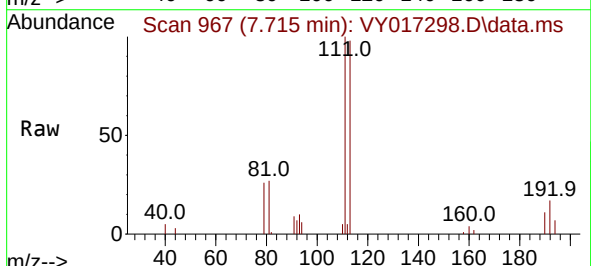
Tgt Ion:113 Resp: 9163

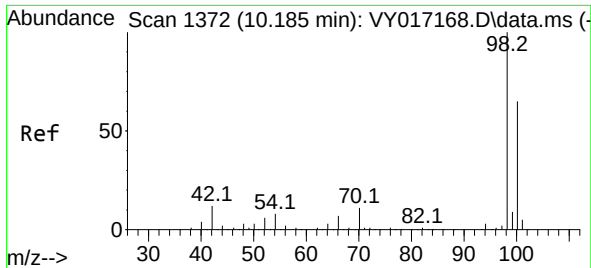
Ion Ratio Lower Upper

113 100

111 107.3 83.8 125.6

192 17.5 14.5 21.7

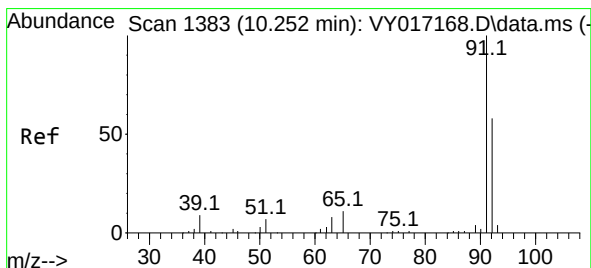
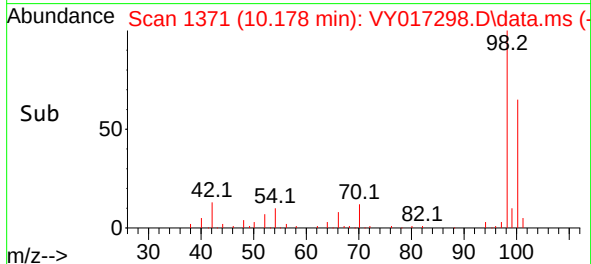
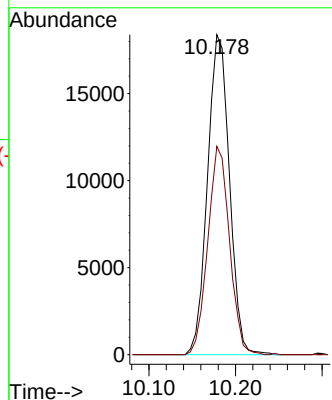
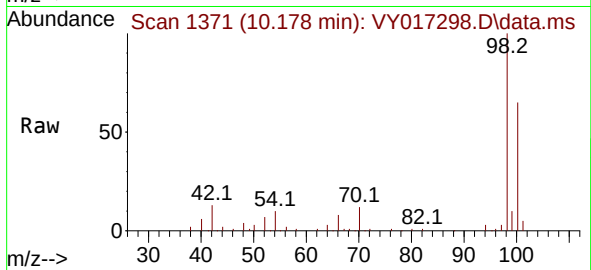




#50
Toluene-d8
Concen: 44.746 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017298.D
Acq: 07 Feb 2024 18:48

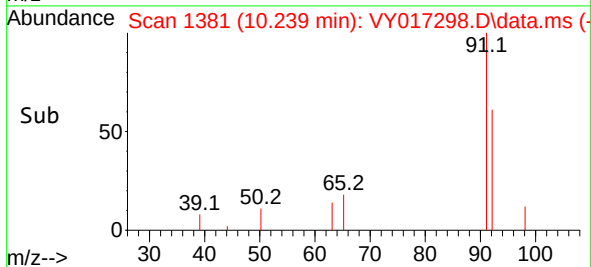
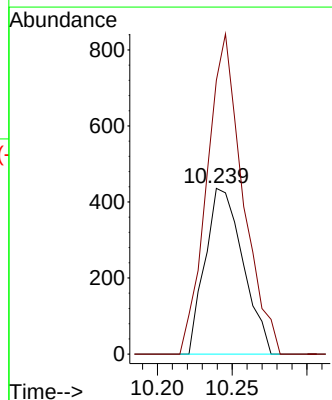
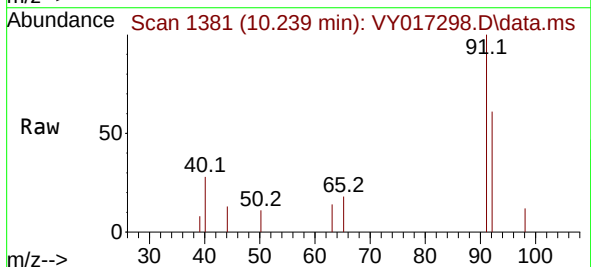
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

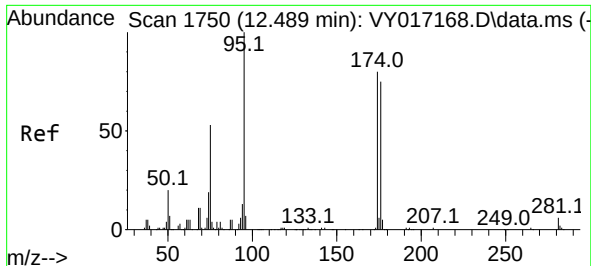
Tgt Ion: 98 Resp: 32328
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#52
Toluene
Concen: 1.295 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.012 min
Lab File: VY017298.D
Acq: 07 Feb 2024 18:48

Tgt Ion: 92 Resp: 764
Ion Ratio Lower Upper
92 100
91 184.3 137.6 206.4

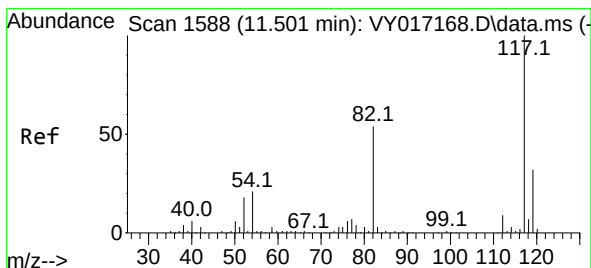
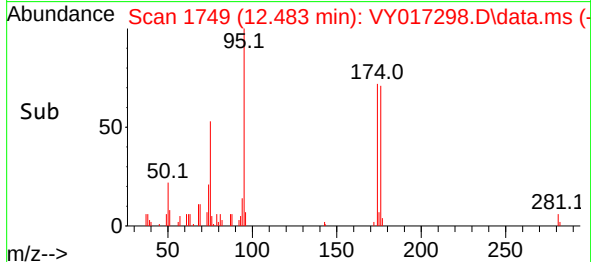
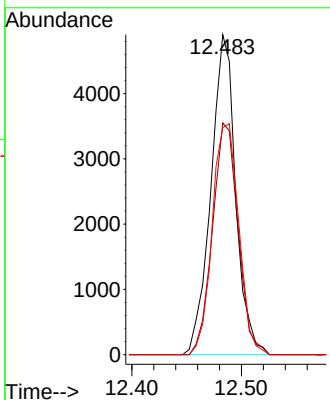
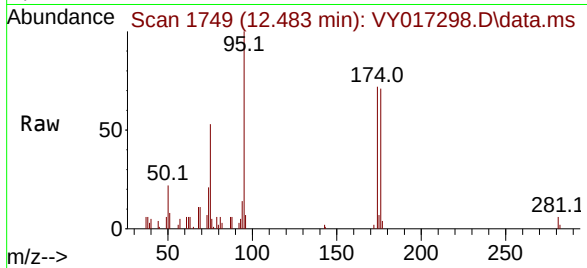




#62
4-Bromofluorobenzene
Concen: 32.488 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017298.D
Acq: 07 Feb 2024 18:48

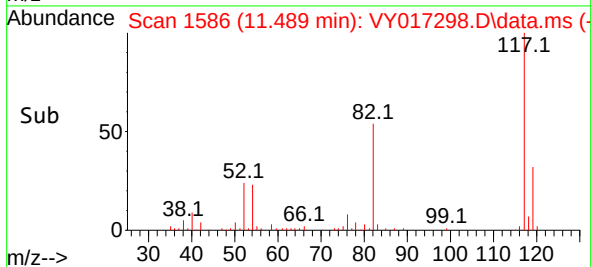
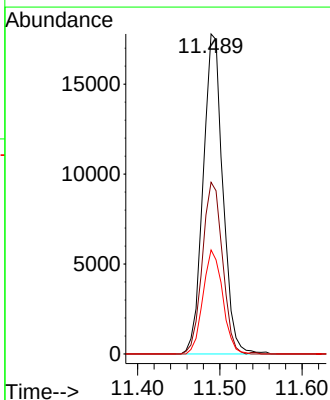
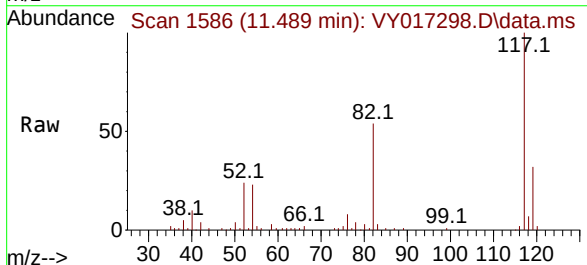
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

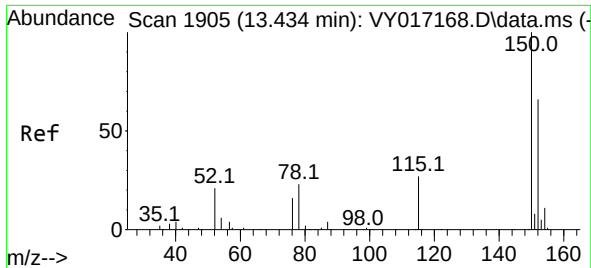
Tgt Ion:	95	Resp:	7689
Ion	Ratio	Lower	Upper
95	100		
174	74.8	0.0	160.0
176	77.0	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.012 min
Lab File: VY017298.D
Acq: 07 Feb 2024 18:48

Tgt Ion:	117	Resp:	29563
Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.8	65.8
119	32.5	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017298.D

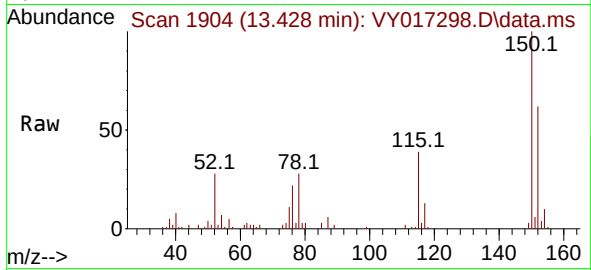
Acq: 07 Feb 2024 18:48

Instrument :

MSVOA_Y

ClientSampleId :

SP-2



Tgt Ion:152 Resp: 9284

Ion Ratio Lower Upper

152 100

115 59.6 30.0 90.0

150 162.4 0.0 344.6

