

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
 Data File : VY017297.D
 Acq On : 07 Feb 2024 18:24
 Operator : SY/MD
 Sample : P1391-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1

Quant Time: Feb 08 01:46:20 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)

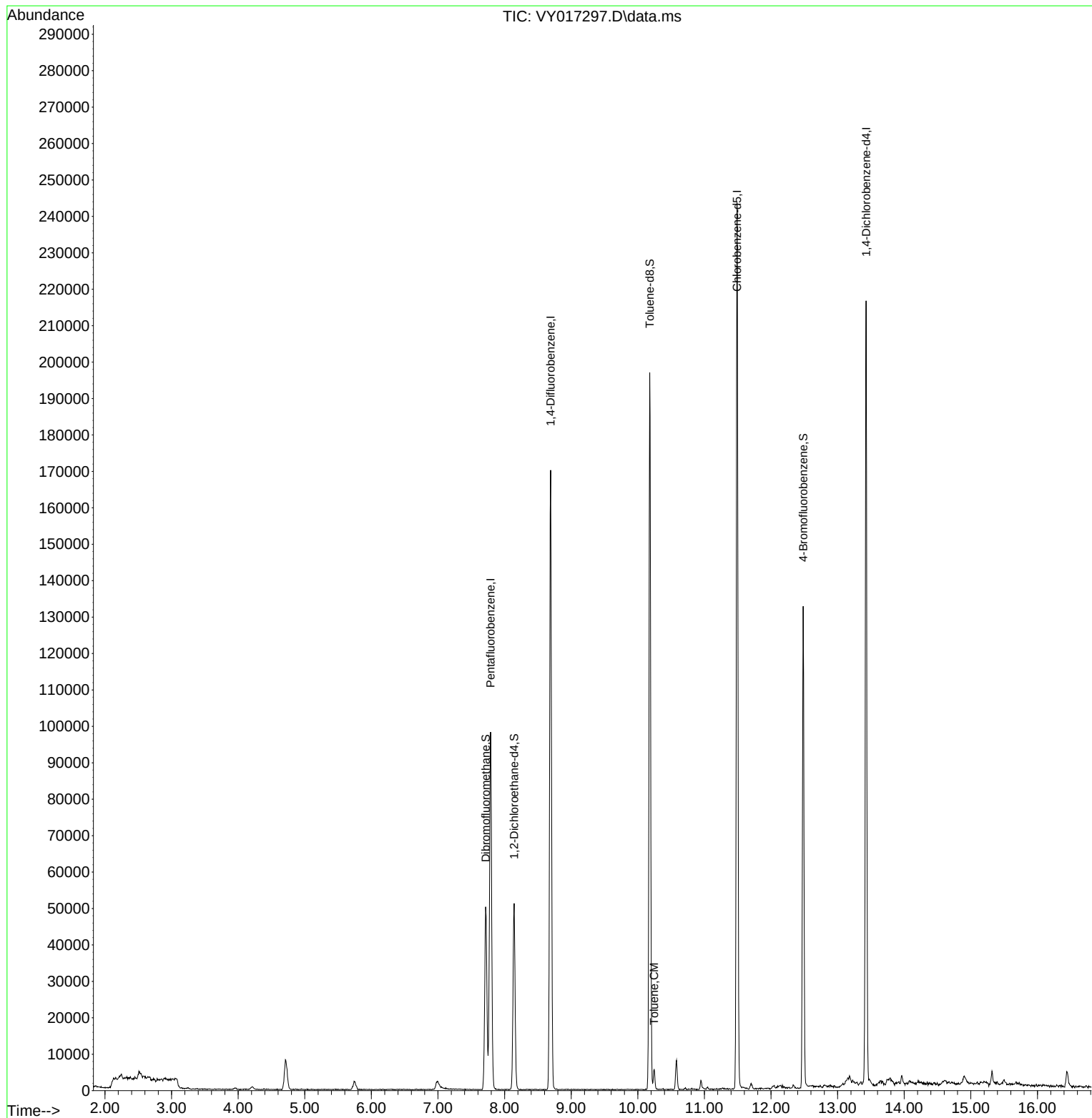
Internal Standards						
1) Pentafluorobenzene	7.789	168	69904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	138275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	126234	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	49852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	37451	59.972	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.940%
35) Dibromofluoromethane	7.716	113	34418	46.100	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.200%
50) Toluene-d8	10.179	98	125156	46.042	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.080%
62) 4-Bromofluorobenzene	12.483	95	38269	42.976	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.960%
Target Compounds						
52) Toluene	10.246	92	2277	1.026	ug/l	Qvalue 95

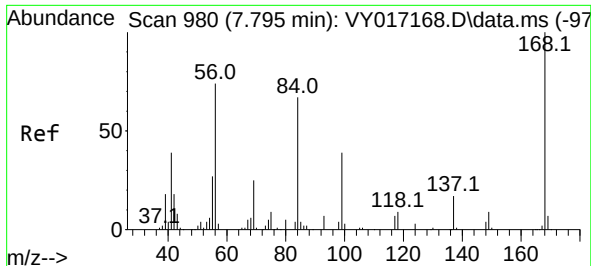
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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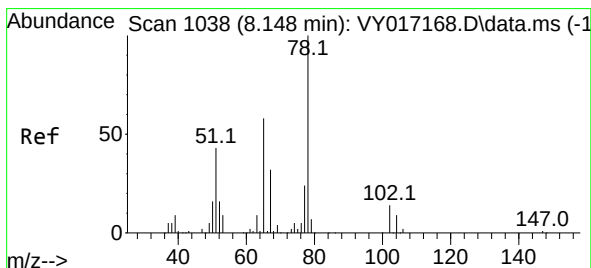
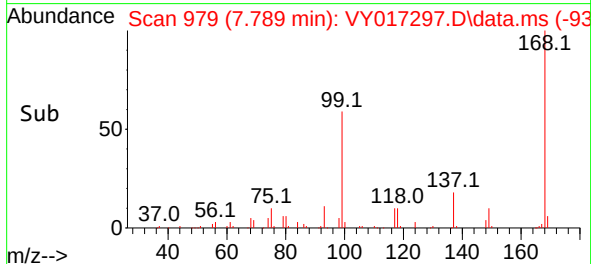
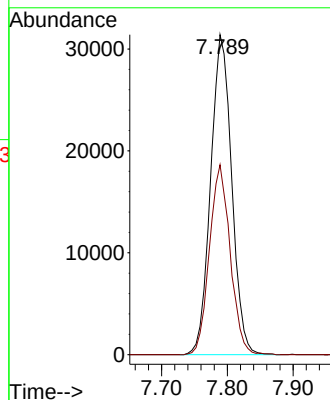
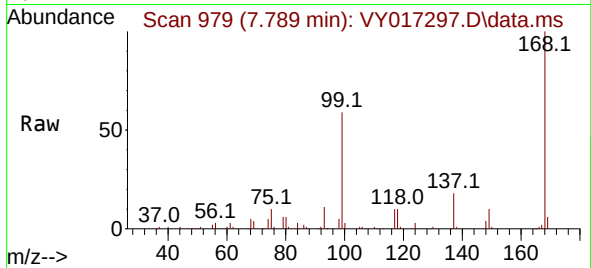




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017297.D
Acq: 07 Feb 2024 18:24

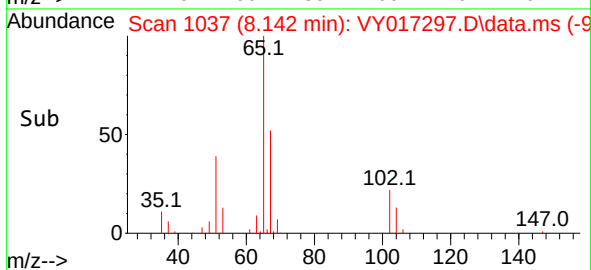
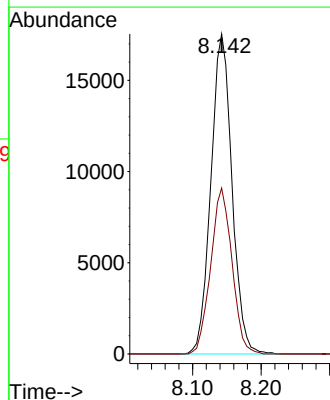
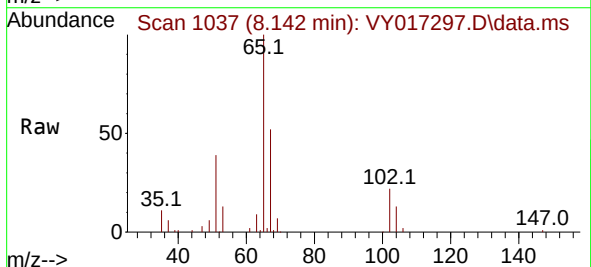
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

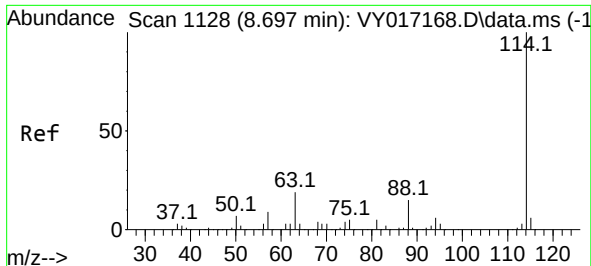
Tgt Ion:168 Resp: 69904
Ion Ratio Lower Upper
168 100
99 59.4 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 59.972 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017297.D
Acq: 07 Feb 2024 18:24

Tgt Ion: 65 Resp: 37451
Ion Ratio Lower Upper
65 100
67 52.2 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: VY017297.D

Acq: 07 Feb 2024 18:24

Instrument :

MSVOA_Y

ClientSampleId :

SP-1

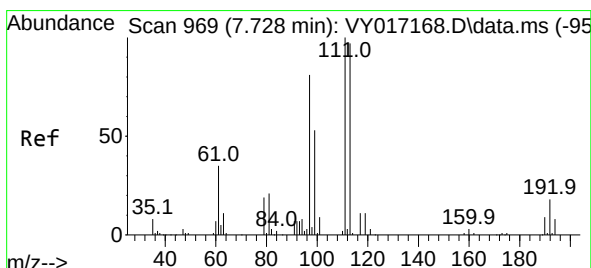
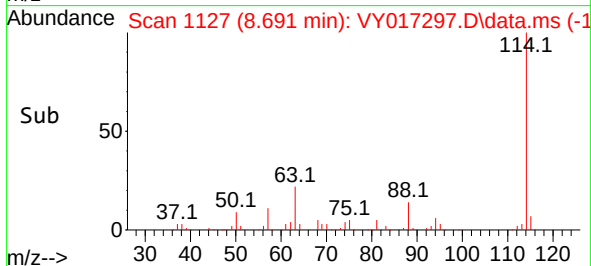
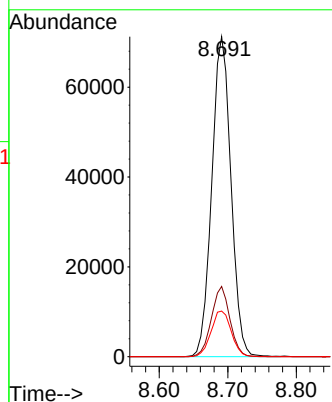
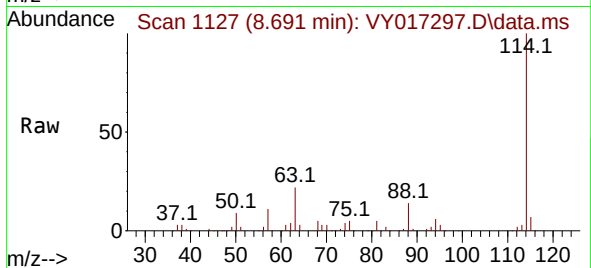
Tgt Ion:114 Resp: 138275

Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.4

88 14.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 46.100 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.012 min

Lab File: VY017297.D

Acq: 07 Feb 2024 18:24

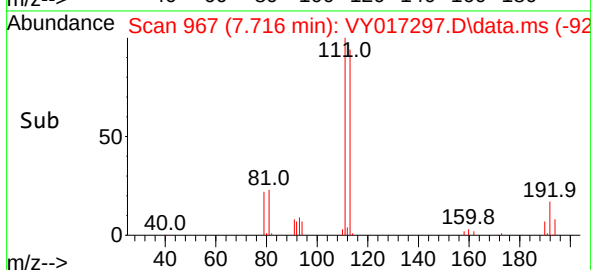
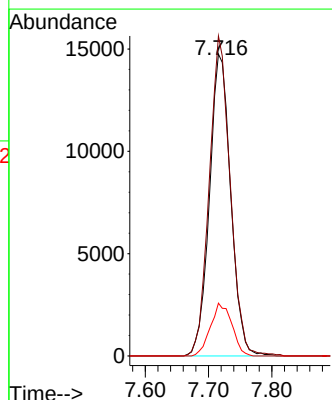
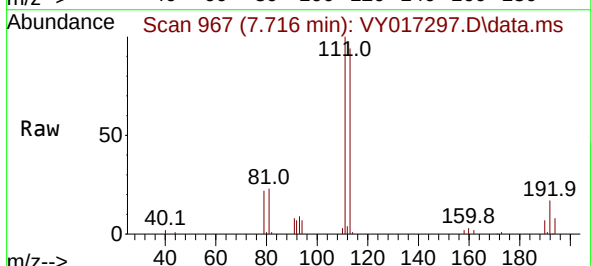
Tgt Ion:113 Resp: 34418

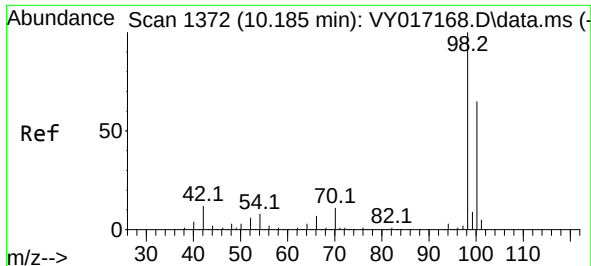
Ion Ratio Lower Upper

113 100

111 104.6 83.8 125.6

192 17.6 14.5 21.7

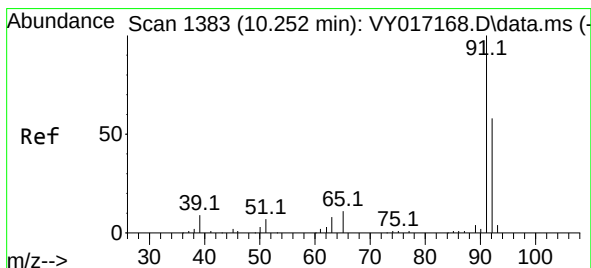
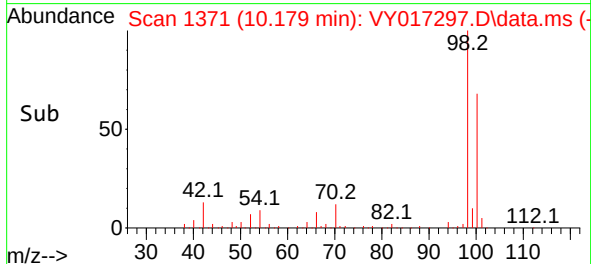
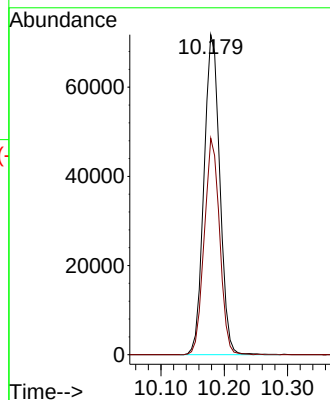
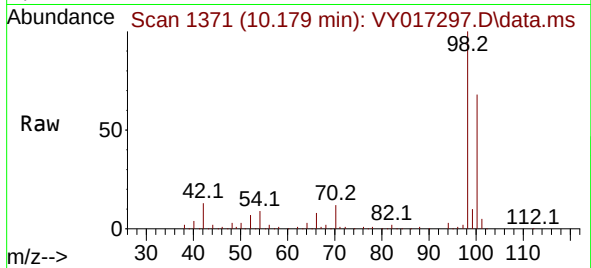




#50
Toluene-d8
Concen: 46.042 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017297.D
Acq: 07 Feb 2024 18:24

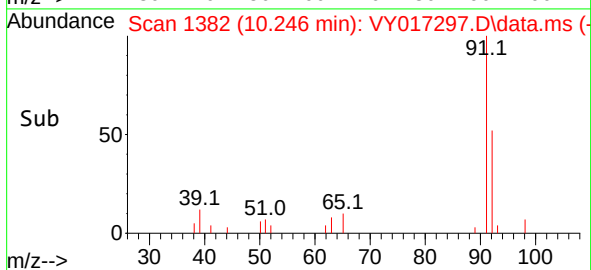
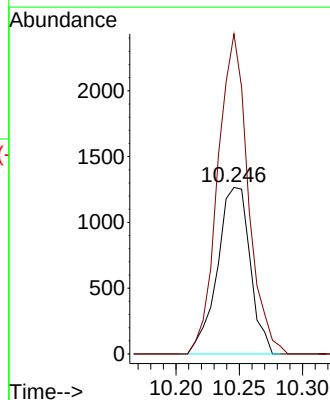
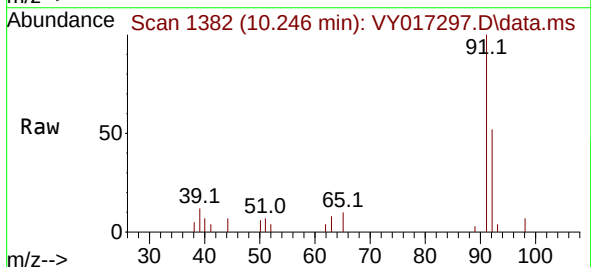
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

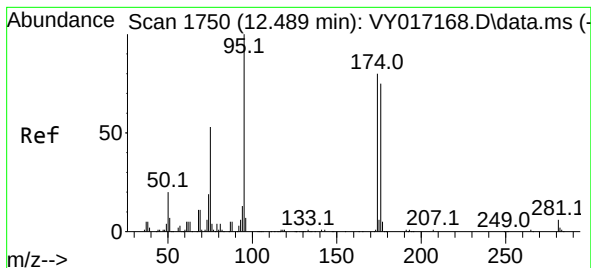
Tgt Ion: 98 Resp: 125156
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



#52
Toluene
Concen: 1.026 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY017297.D
Acq: 07 Feb 2024 18:24

Tgt Ion: 92 Resp: 2277
Ion Ratio Lower Upper
92 100
91 178.2 137.6 206.4

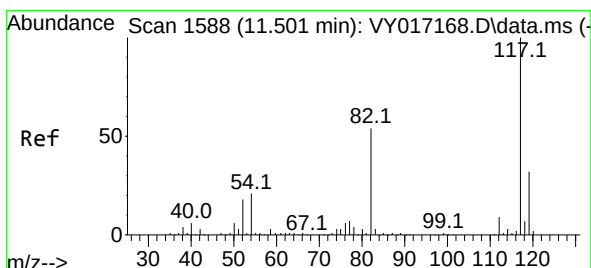
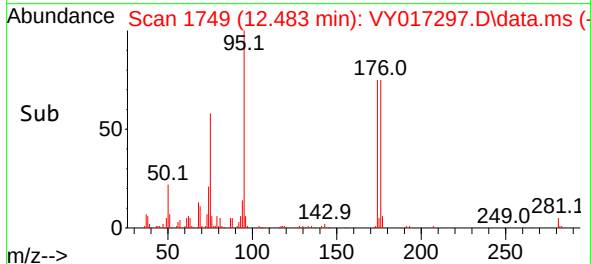
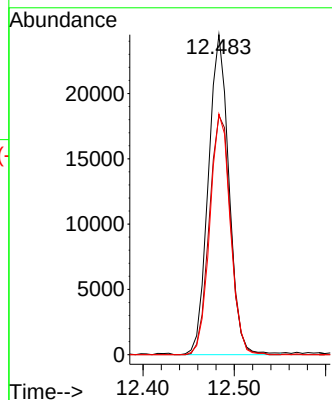
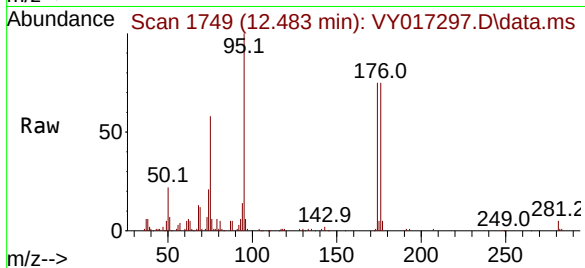




#62
4-Bromofluorobenzene
Concen: 42.976 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017297.D
Acq: 07 Feb 2024 18:24

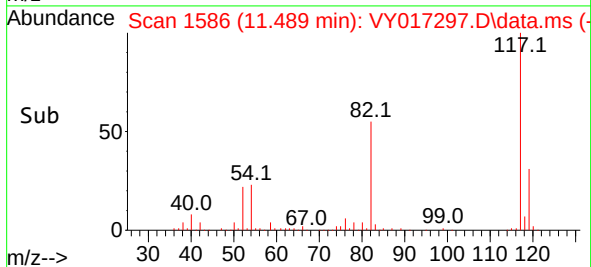
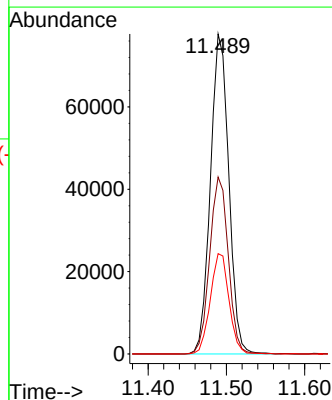
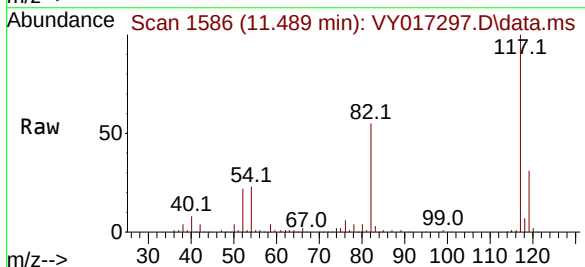
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

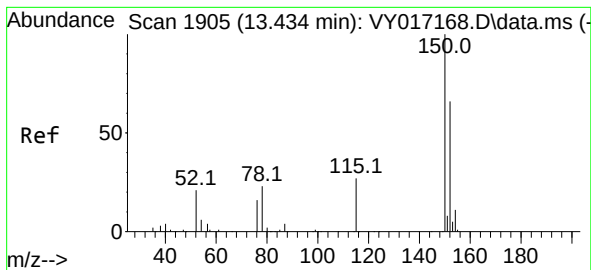
Tgt Ion: 95 Resp: 38269
Ion Ratio Lower Upper
95 100
174 77.8 0.0 160.0
176 74.6 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.012 min
Lab File: VY017297.D
Acq: 07 Feb 2024 18:24

Tgt Ion: 117 Resp: 126234
Ion Ratio Lower Upper
117 100
82 55.3 43.8 65.8
119 31.4 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: VY017297.D
 Acq: 07 Feb 2024 18:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1

Tgt Ion:152 Resp: 49852
 Ion Ratio Lower Upper
 152 100
 115 61.1 30.0 90.0
 150 157.7 0.0 344.6

