

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041224\
 Data File : VY017926.D
 Acq On : 12 Apr 2024 15:57
 Operator : SY/MD
 Sample : P2090-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-04112024RE

Quant Time: Apr 13 00:35:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	32857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	46049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	34888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	13595	47.815	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.640%
35) Dibromofluoromethane	7.716	113	16234	61.009	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.020%
50) Toluene-d8	10.179	98	51017	51.327	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.660%
62) 4-Bromofluorobenzene	12.483	95	8632	28.544	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	57.080%

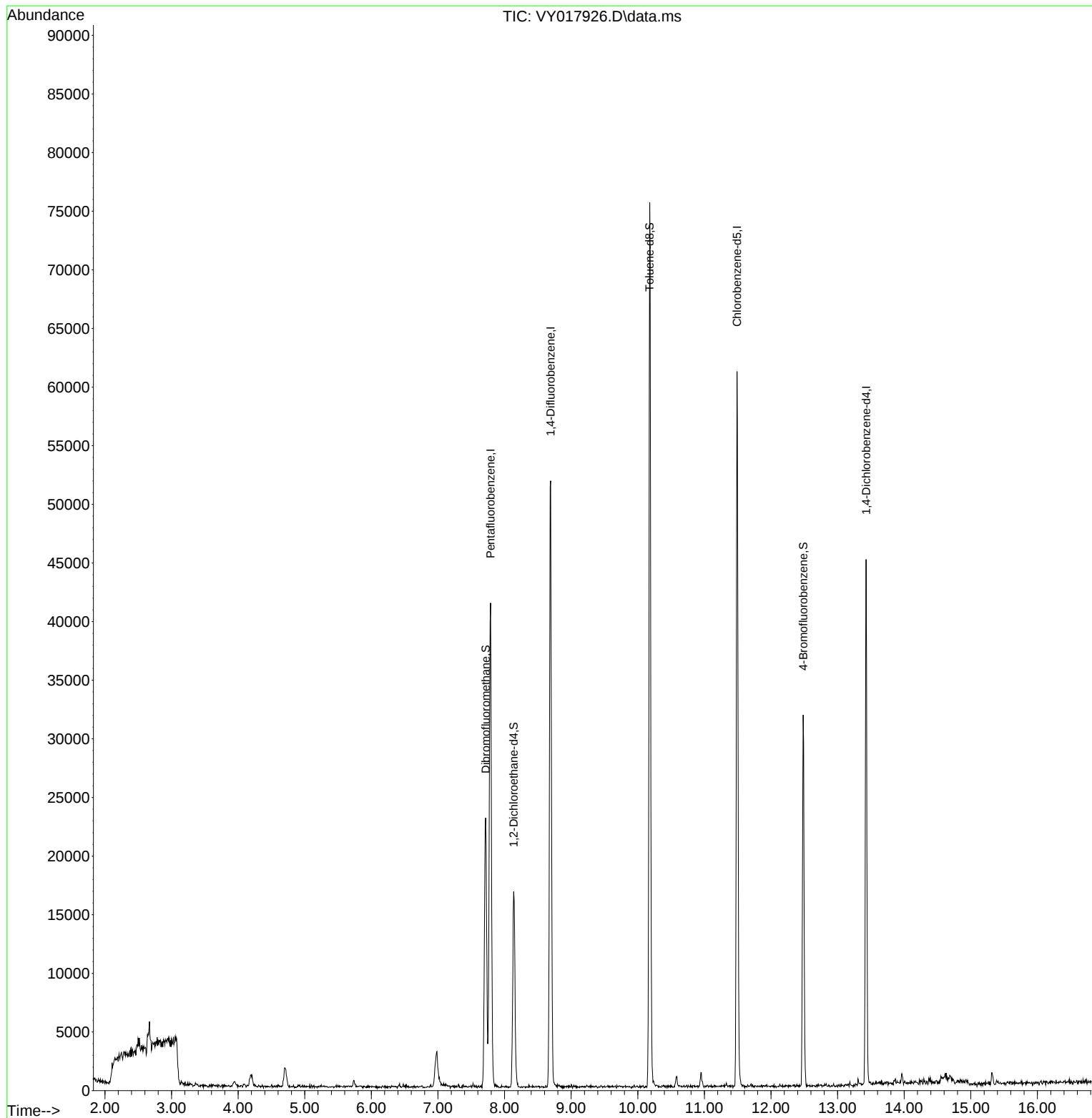
Target Compounds	Qvalue

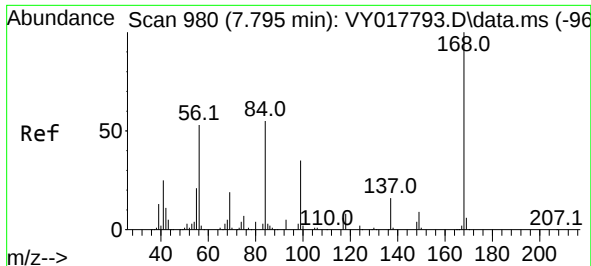
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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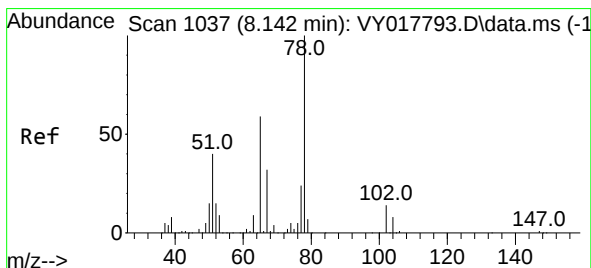
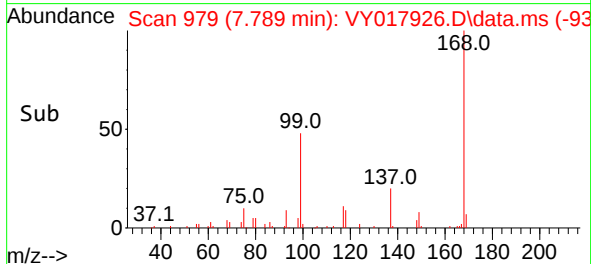
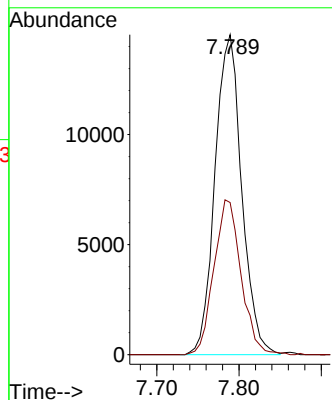
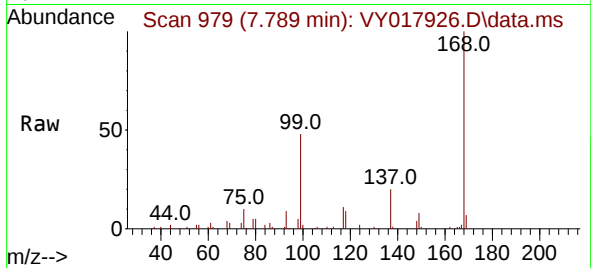




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017926.D
Acq: 12 Apr 2024 15:57

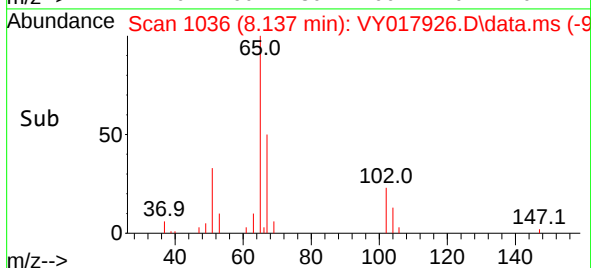
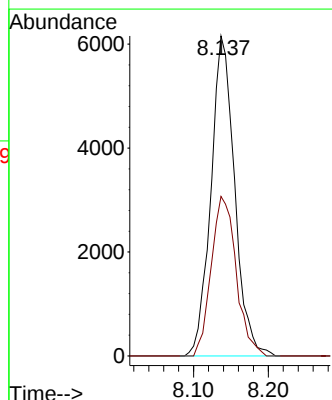
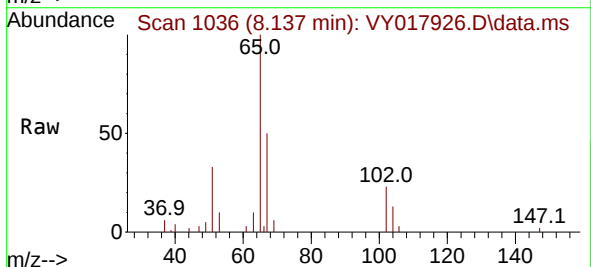
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-04112024RE

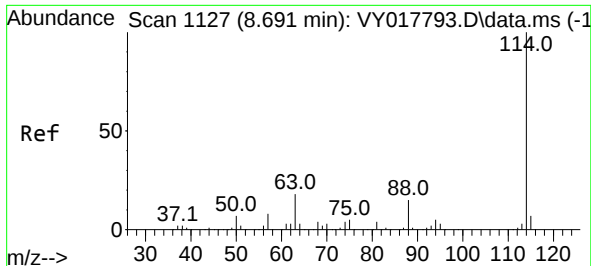
Tgt Ion:168 Resp: 32857
Ion Ratio Lower Upper
168 100
99 47.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 47.815 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017926.D
Acq: 12 Apr 2024 15:57

Tgt Ion: 65 Resp: 13595
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017926.D

Acq: 12 Apr 2024 15:57

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-04112024RE

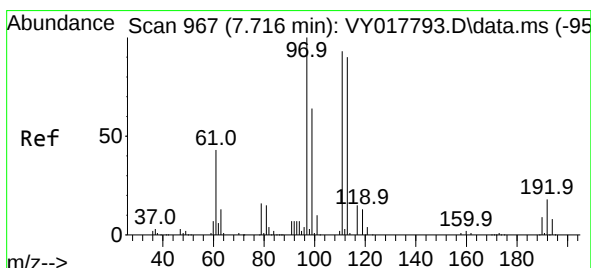
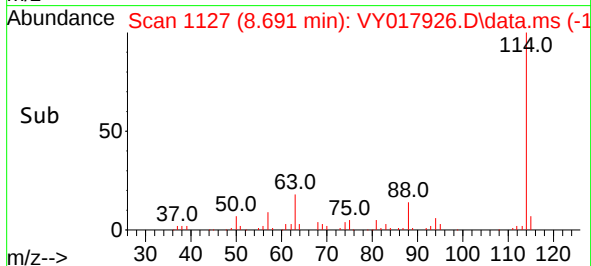
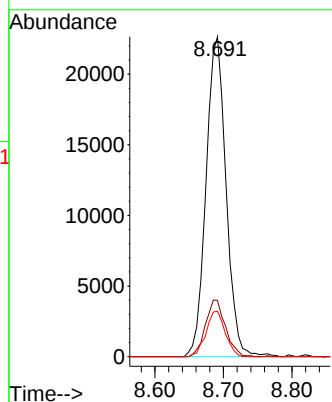
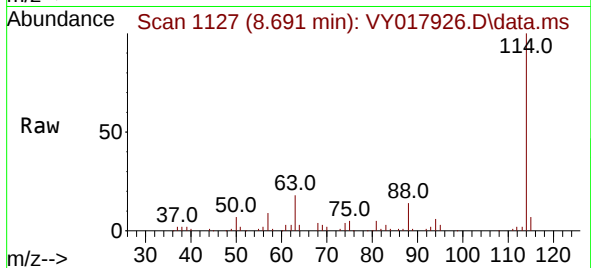
Tgt Ion:114 Resp: 46049

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 61.009 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017926.D

Acq: 12 Apr 2024 15:57

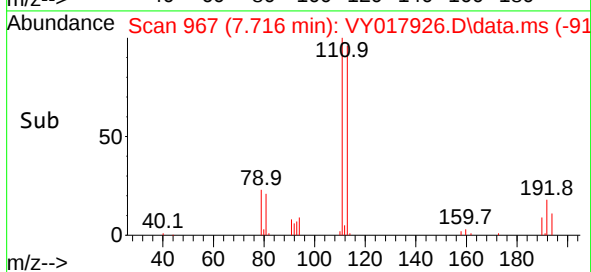
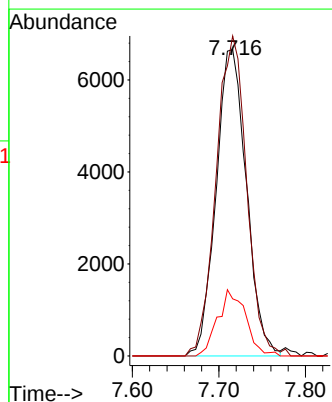
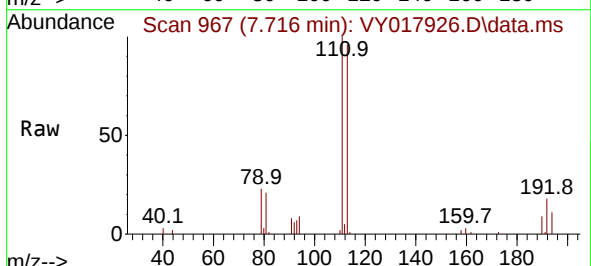
Tgt Ion:113 Resp: 16234

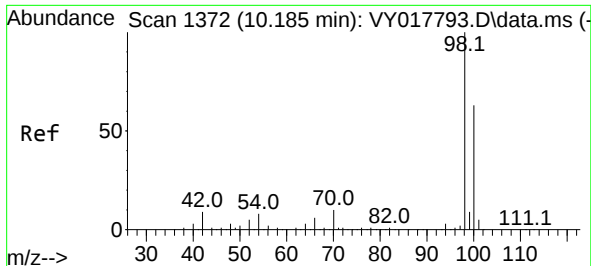
Ion Ratio Lower Upper

113 100

111 105.0 82.2 123.4

192 19.9 15.9 23.9

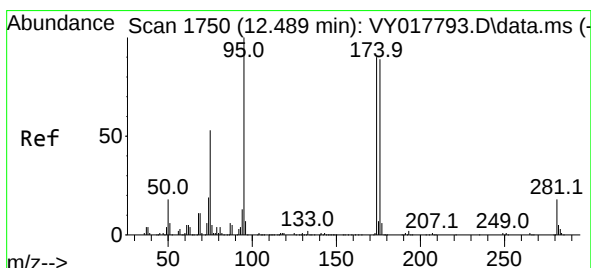
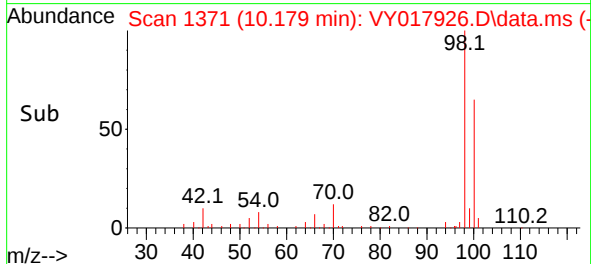
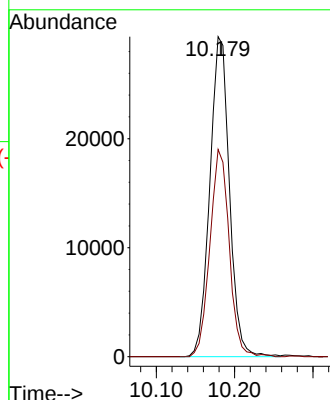
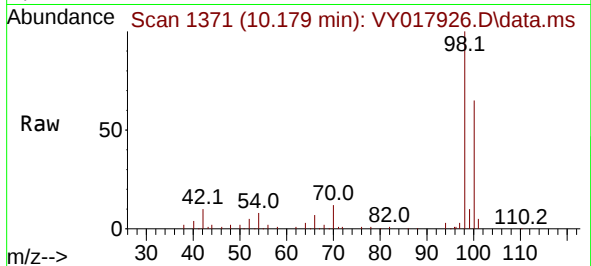




#50
Toluene-d8
Concen: 51.327 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017926.D
Acq: 12 Apr 2024 15:57

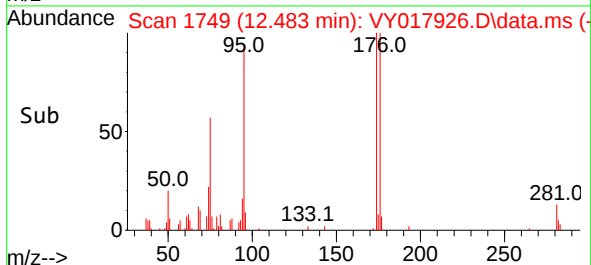
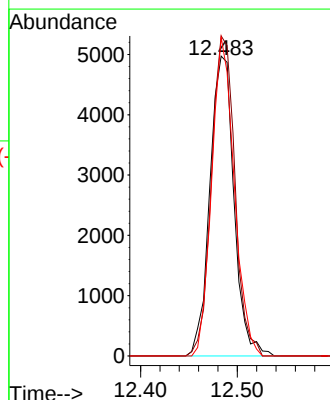
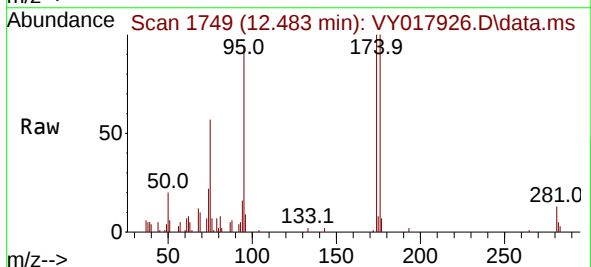
Instrument :
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TR-05-04112024RE

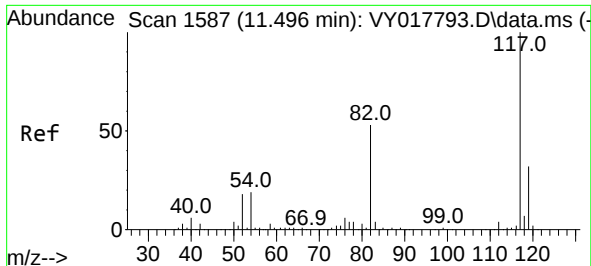
Tgt Ion: 98 Resp: 51017
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 28.544 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017926.D
Acq: 12 Apr 2024 15:57

Tgt Ion: 95 Resp: 8632
Ion Ratio Lower Upper
95 100
174 103.7 0.0 175.6
176 99.0 0.0 171.4

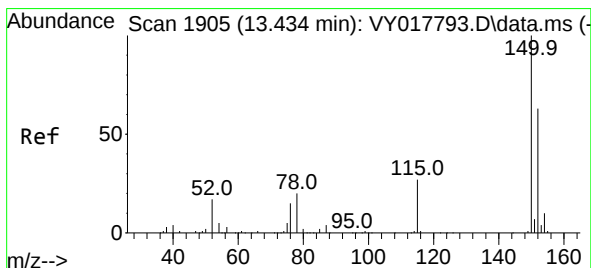
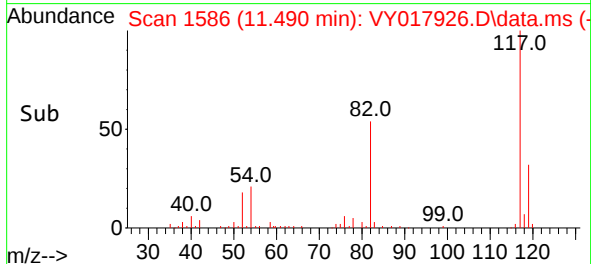
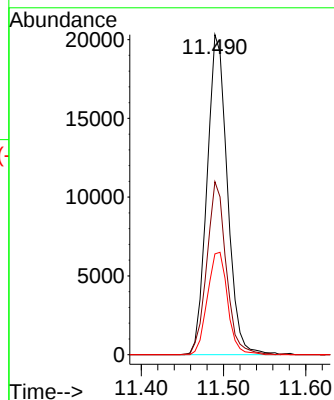
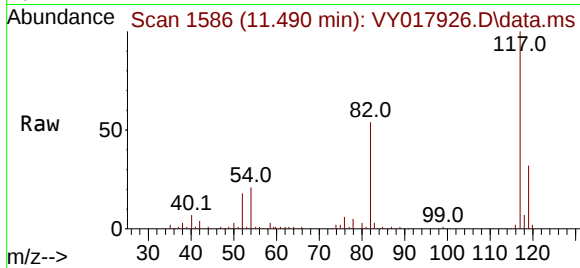




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017926.D
Acq: 12 Apr 2024 15:57

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-04112024RE

Tgt Ion:117 Resp: 34888
Ion Ratio Lower Upper
117 100
82 54.1 42.4 63.6
119 31.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017926.D
Acq: 12 Apr 2024 15:57

Tgt Ion:152 Resp: 11416
Ion Ratio Lower Upper
152 100
115 54.1 28.2 84.7
150 159.3 0.0 345.6

