

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032125\
 Data File : VY021604.D
 Acq On : 21 Mar 2025 16:59
 Operator : SY/MD
 Sample : Q1606-03RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR251346RE

Quant Time: Mar 21 23:12:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

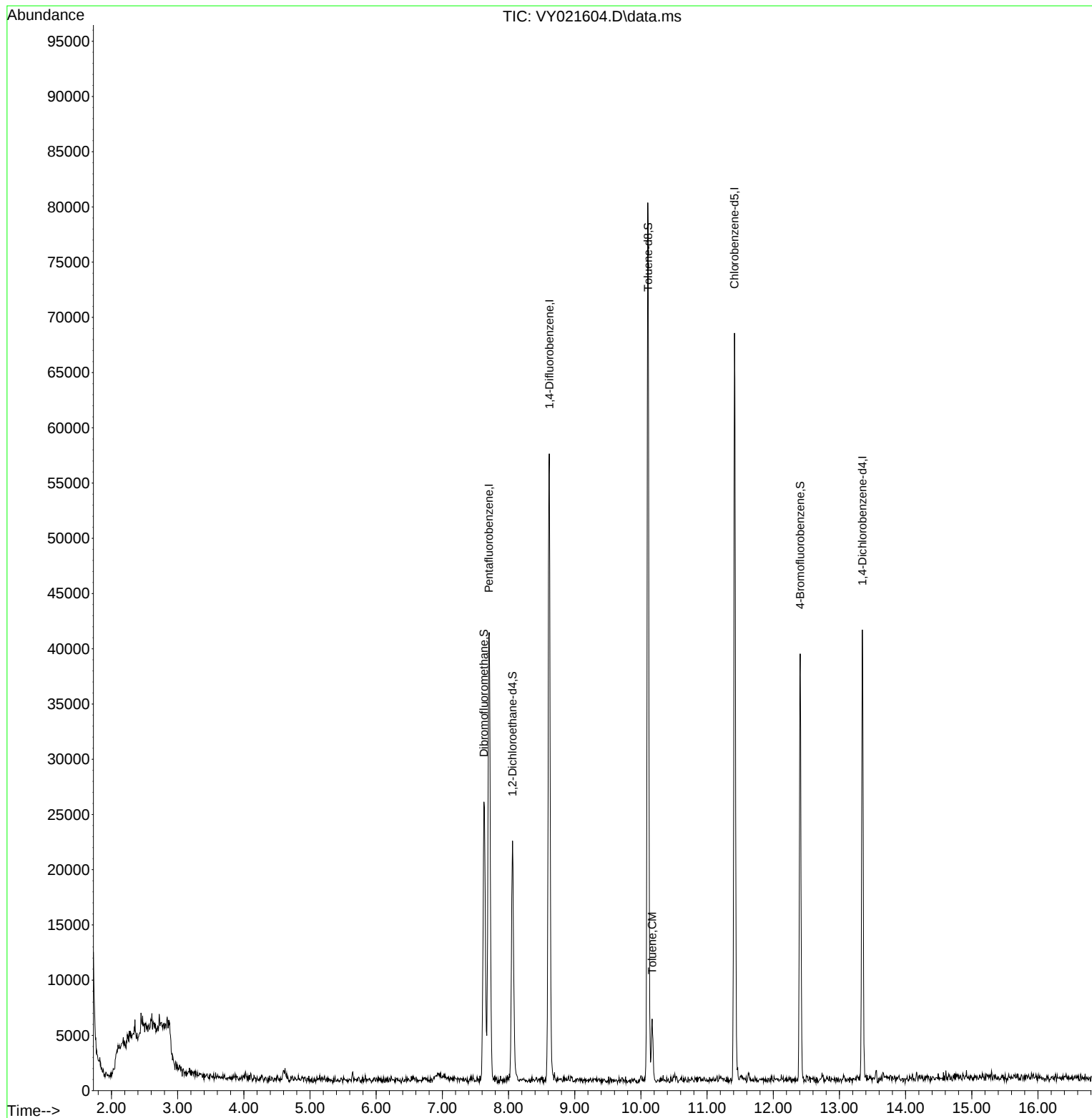
Internal Standards						
1) Pentafluorobenzene	7.701	168	30551	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	47381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	35909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	10287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	16865	52.229	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 104.460%		
35) Dibromofluoromethane	7.628	113	18044	57.937	ug/l	-0.01
Spiked Amount	50.000	Range 54 - 147	Recovery	= 115.880%		
50) Toluene-d8	10.109	98	52889	44.851	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 89.700%		
62) 4-Bromofluorobenzene	12.408	95	11885	29.629	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 59.260%		
Target Compounds						
52) Toluene	10.170	92	1910	2.110	ug/l	Qvalue 93

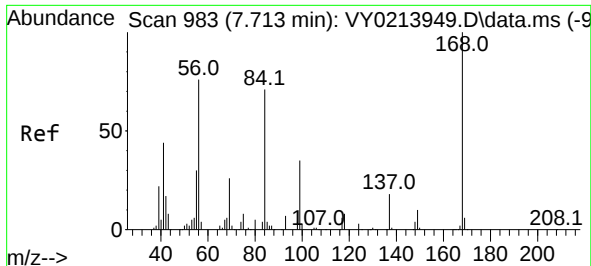
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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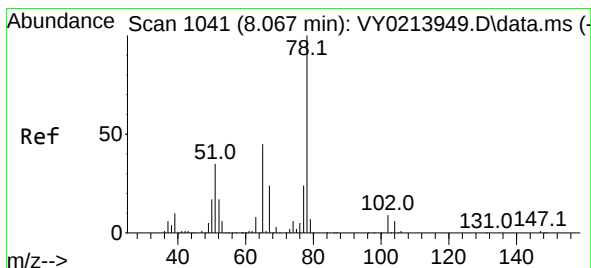
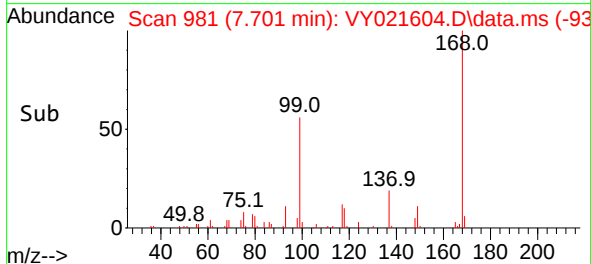
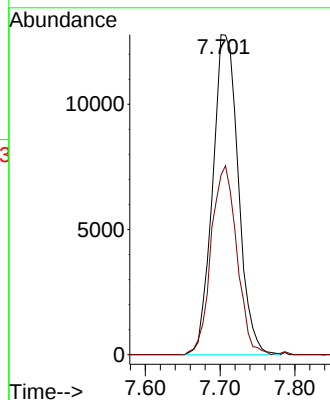
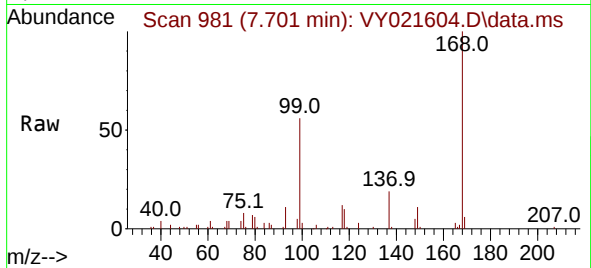




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 99
Delta R.T. -0.012 min
Lab File: VY021604.D
Acq: 21 Mar 2025 16:59

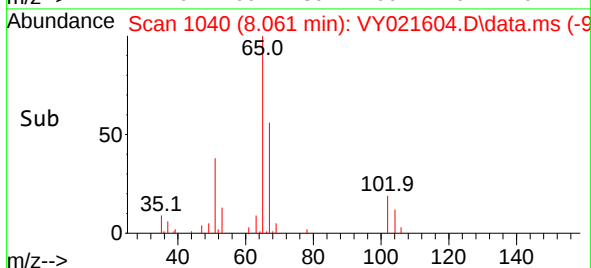
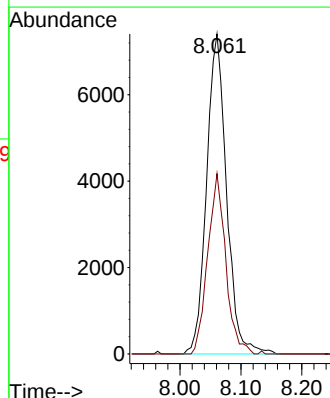
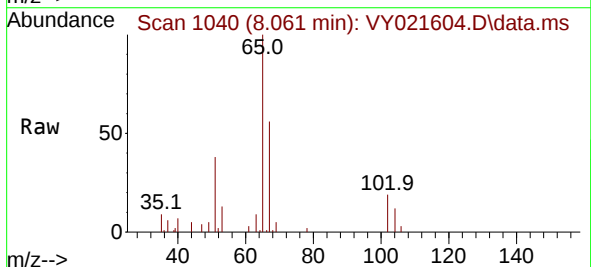
Instrument :
MSVOA_Y
ClientSampleId :
RBR251346RE

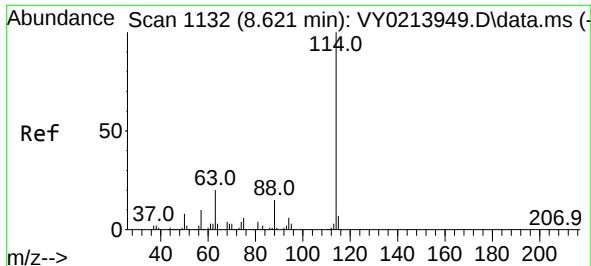
Tgt Ion:168 Resp: 30551
Ion Ratio Lower Upper
168 100
99 56.1 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 52.229 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021604.D
Acq: 21 Mar 2025 16:59

Tgt Ion: 65 Resp: 16865
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.8

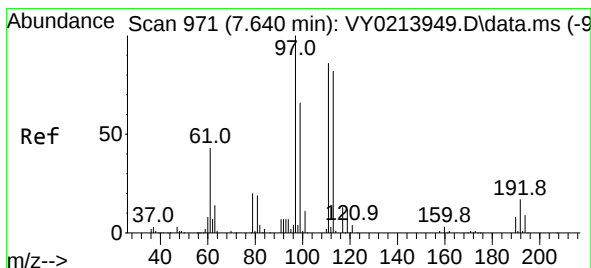
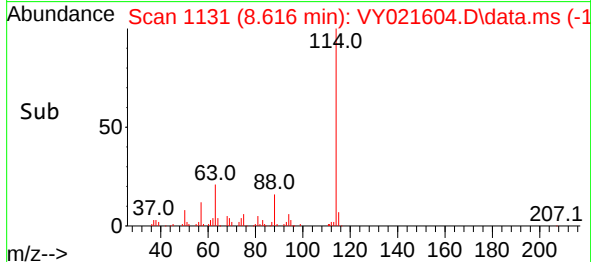
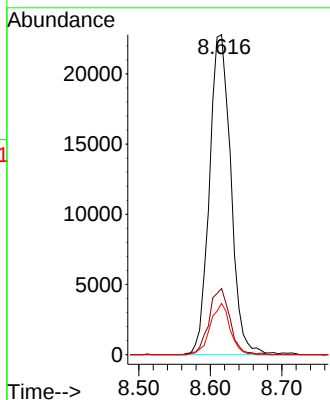
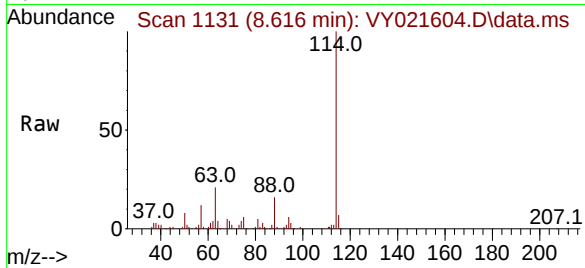




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021604.D
Acq: 21 Mar 2025 16:59

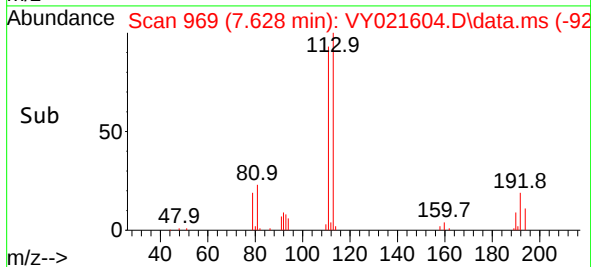
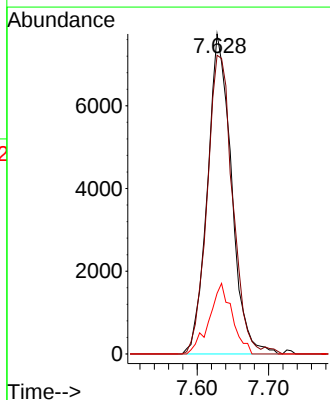
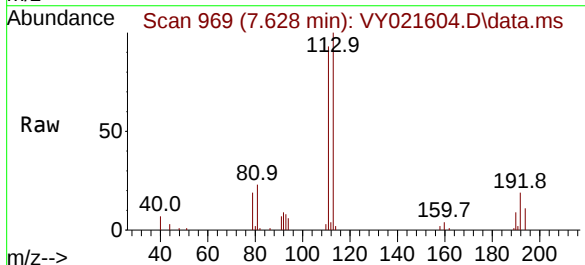
Instrument :
MSVOA_Y
ClientSampleId :
RBR251346RE

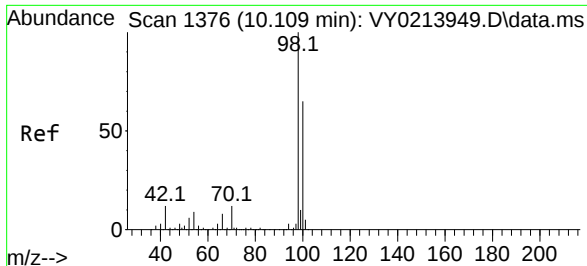
Tgt Ion:114 Resp: 47381
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 16.1 0.0 30.8



#35
Dibromofluoromethane
Concen: 57.937 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.012 min
Lab File: VY021604.D
Acq: 21 Mar 2025 16:59

Tgt Ion:113 Resp: 18044
Ion Ratio Lower Upper
113 100
111 98.3 82.0 123.0
192 21.1 15.9 23.9

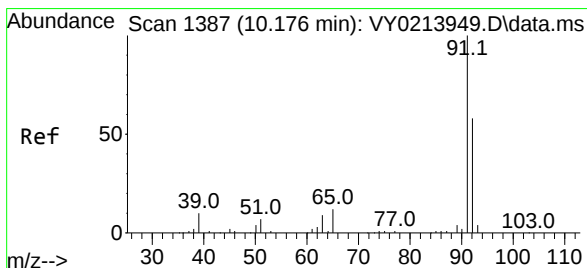
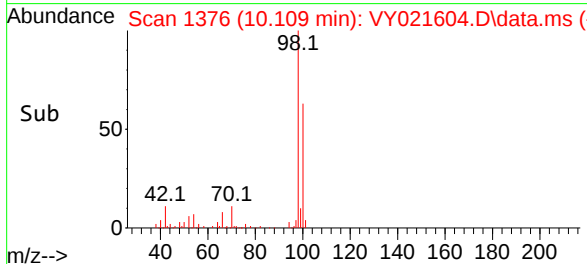
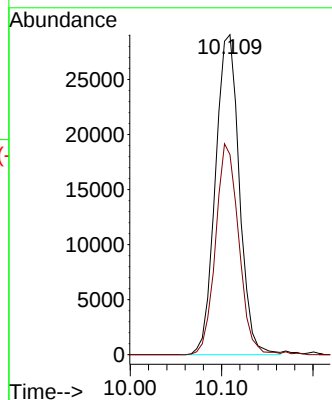
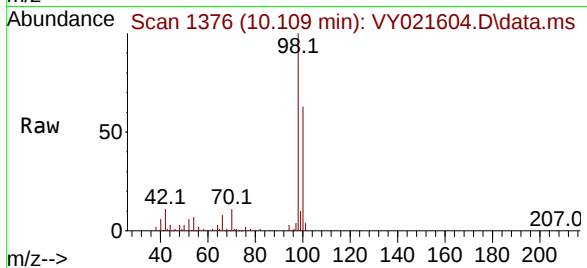




#50
Toluene-d8
Concen: 44.851 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021604.D
Acq: 21 Mar 2025 16:59

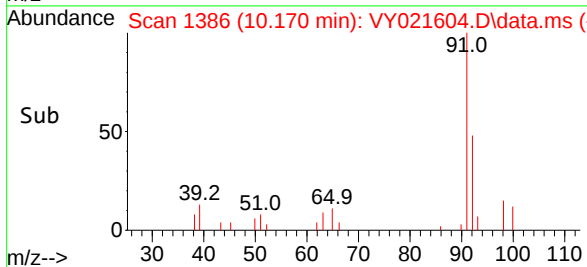
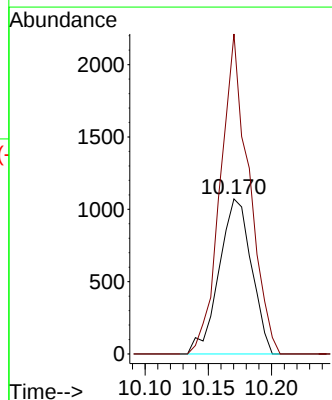
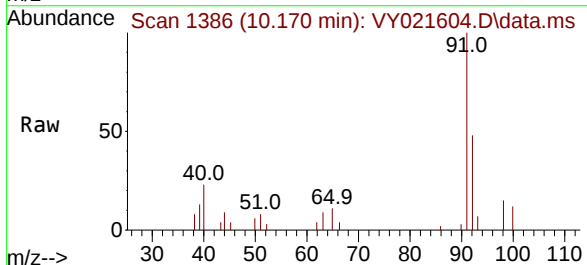
Instrument :
MSVOA_Y
ClientSampleId :
RBR251346RE

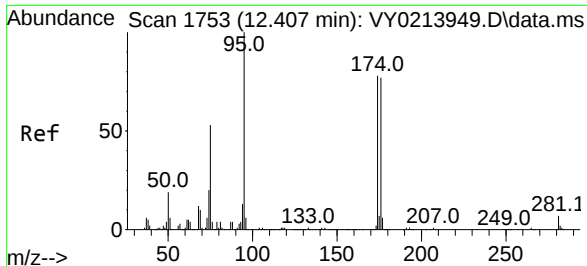
Tgt Ion: 98 Resp: 52889
Ion Ratio Lower Upper
98 100
100 63.9 52.1 78.1



#52
Toluene
Concen: 2.110 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021604.D
Acq: 21 Mar 2025 16:59

Tgt Ion: 92 Resp: 1910
Ion Ratio Lower Upper
92 100
91 182.5 138.2 207.2

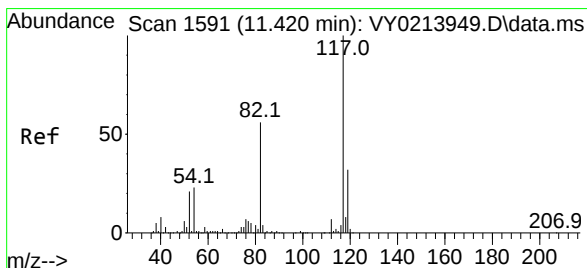
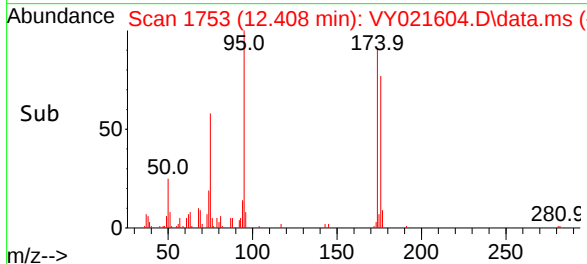
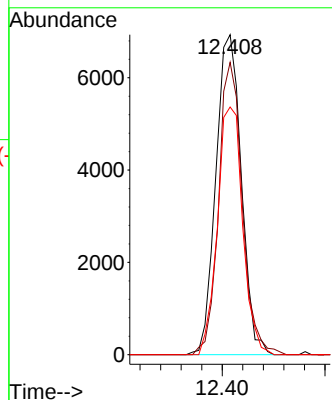
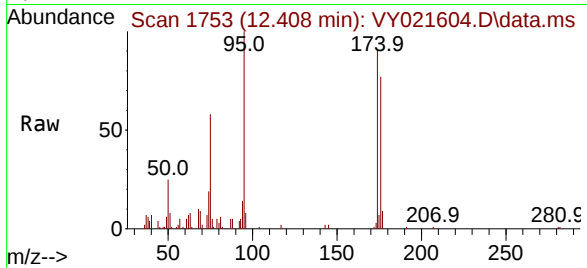




#62
4-Bromofluorobenzene
Concen: 29.629 ug/l
RT: 12.408 min Scan# 11885
Delta R.T. 0.000 min
Lab File: VY021604.D
Acq: 21 Mar 2025 16:59

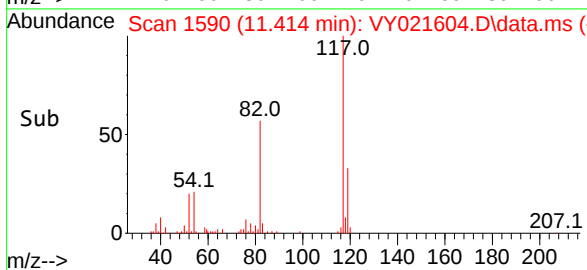
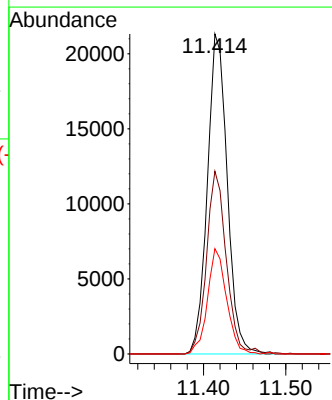
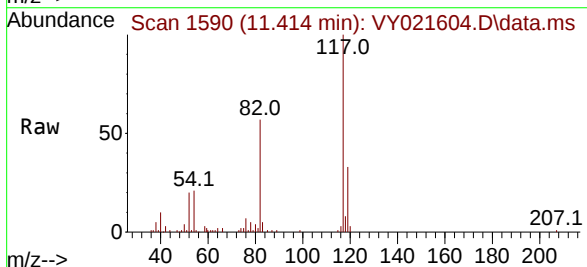
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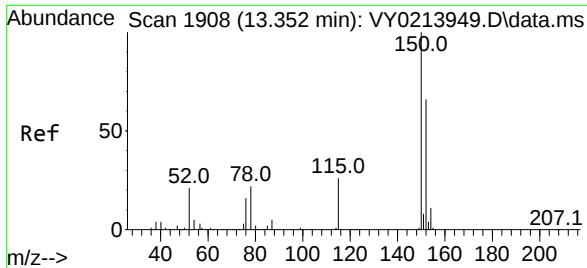
Tgt Ion: 95 Resp: 11885
Ion Ratio Lower Upper
95 100
174 85.0 0.0 165.0
176 76.8 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021604.D
Acq: 21 Mar 2025 16:59

Tgt Ion: 117 Resp: 35909
Ion Ratio Lower Upper
117 100
82 57.1 44.6 67.0
119 32.9 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021604.D

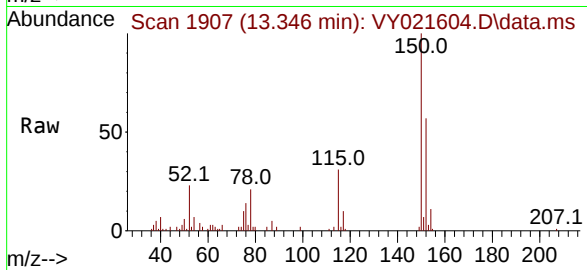
Acq: 21 Mar 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

RBR251346RE



Tgt Ion:152 Resp: 10287

Ion Ratio Lower Upper

152 100

115 56.3 29.0 87.0

150 156.5 0.0 347.2

