

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032125\
 Data File : VY021600.D
 Acq On : 21 Mar 2025 15:25
 Operator : SY/MD
 Sample : Q1606-09
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT28607

Quant Time: Mar 21 23:11:49 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)

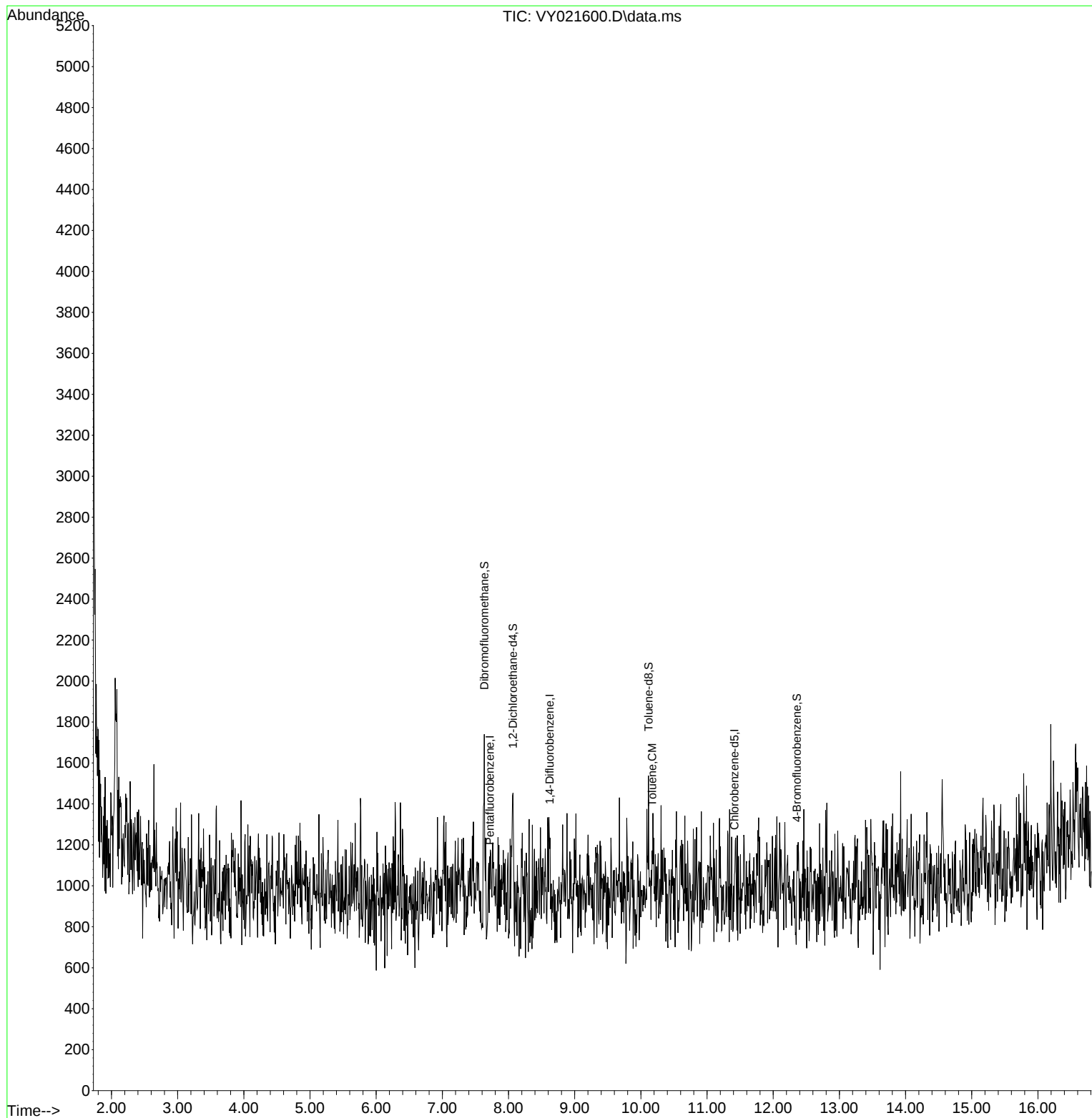
Internal Standards						
1) Pentafluorobenzene	7.719	168	121	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	170	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.35
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	273	213.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	426.940%#
35) Dibromofluoromethane	7.634	113	214	68.830	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	137.660%
50) Toluene-d8	10.115	98	334	28.372	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	56.740%#
62) 4-Bromofluorobenzene	12.359	95	44	10.988	ug/l	-0.05
Spiked Amount	50.000	Range	30 - 143	Recovery	=	21.980%#
Target Compounds						
52) Toluene	10.170	92	74	8.187	ug/l	# 1

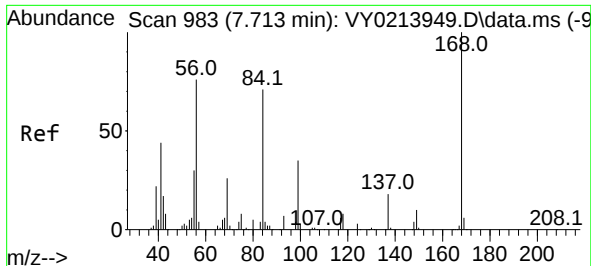
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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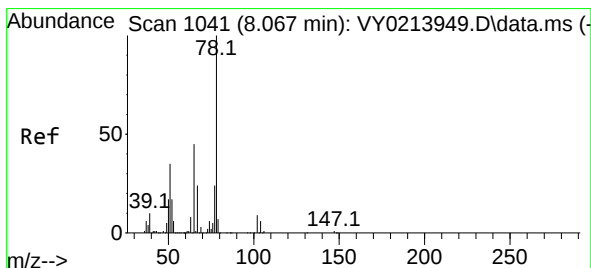
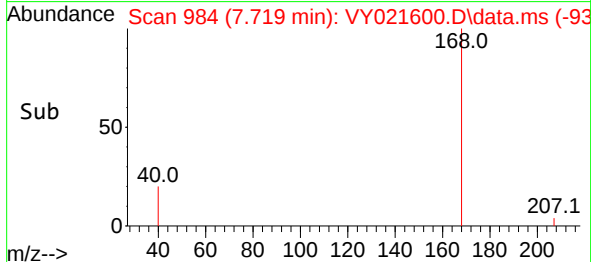
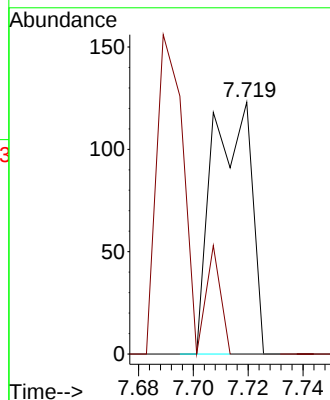
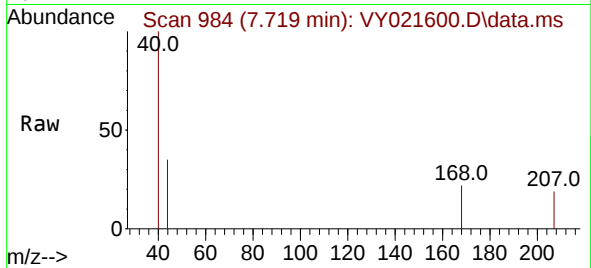




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.006 min
Lab File: VY021600.D
Acq: 21 Mar 2025 15:25

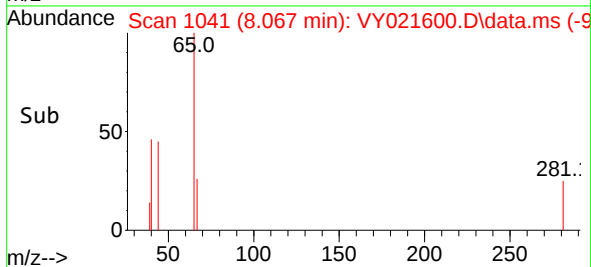
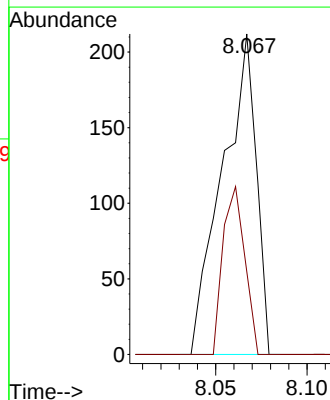
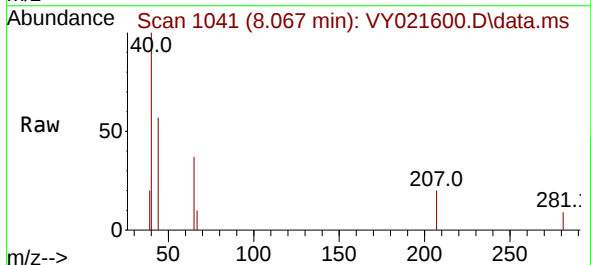
Instrument :
MSVOA_Y
ClientSampleId :
CHRT28607

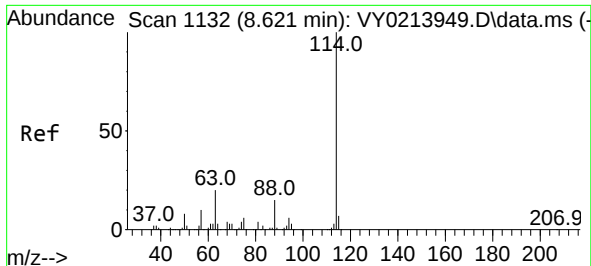
Tgt Ion:168 Resp: 121
Ion Ratio Lower Upper
168 100
99 0.0 46.0 69.0#



#33
1,2-Dichloroethane-d4
Concen: 213.465 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY021600.D
Acq: 21 Mar 2025 15:25

Tgt Ion: 65 Resp: 273
Ion Ratio Lower Upper
65 100
67 33.7 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY021600.D

Acq: 21 Mar 2025 15:25

Instrument :

MSVOA_Y

ClientSampleId :

CHRT28607

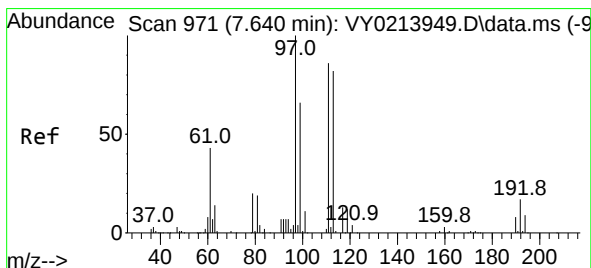
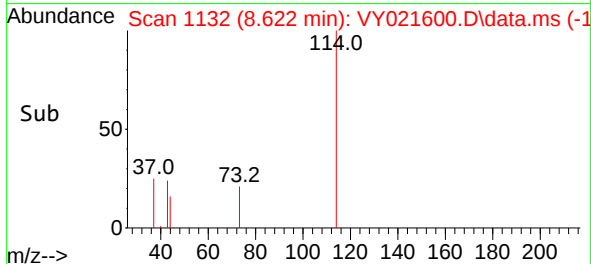
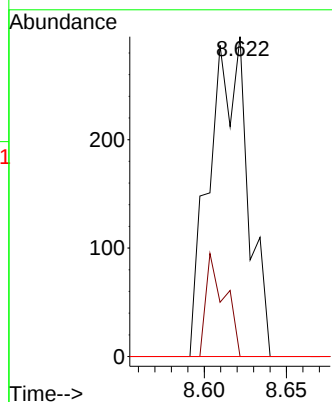
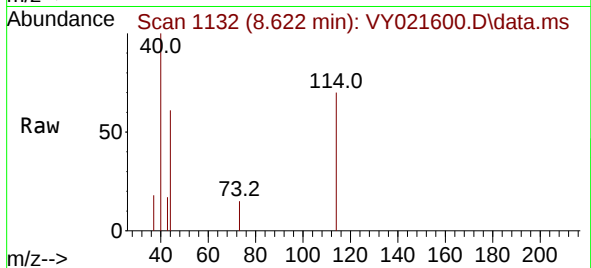
Tgt Ion:114 Resp: 473

Ion Ratio Lower Upper

114 100

63 0.0 0.0 40.8

88 0.0 0.0 30.8



#35

Dibromofluoromethane

Concen: 68.830 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021600.D

Acq: 21 Mar 2025 15:25

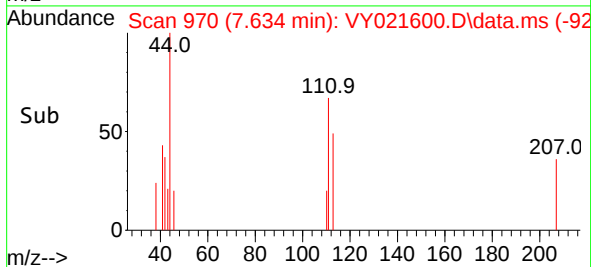
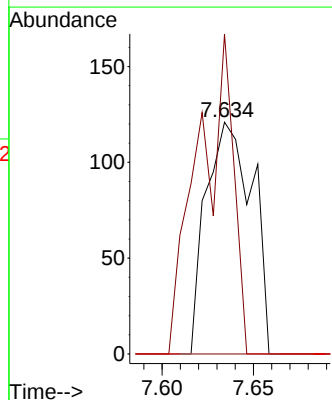
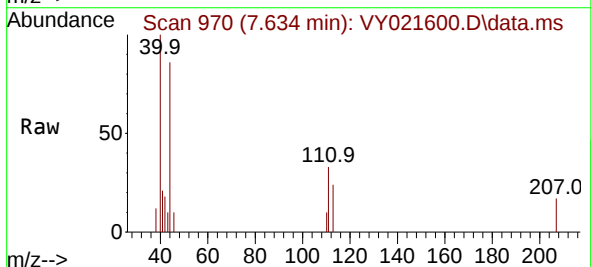
Tgt Ion:113 Resp: 214

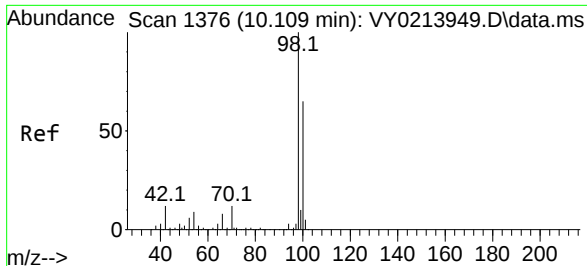
Ion Ratio Lower Upper

113 100

111 103.3 82.0 123.0

192 0.0 15.9 23.9#

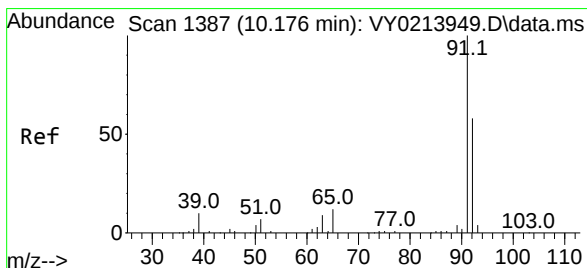
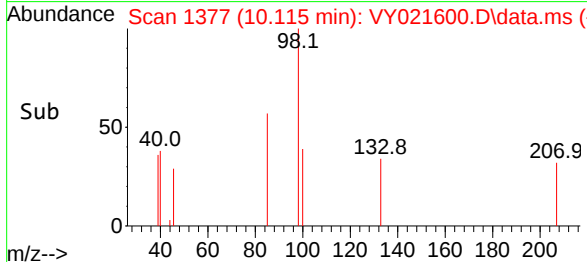
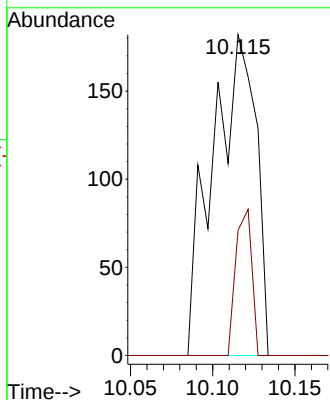
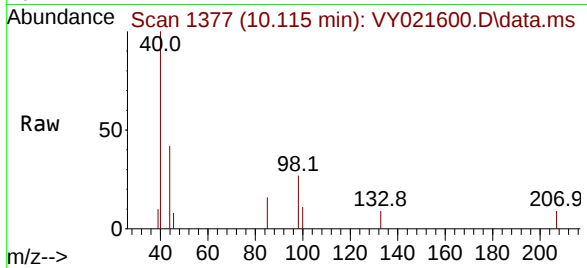




#50
Toluene-d8
Concen: 28.372 ug/l
RT: 10.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021600.D
Acq: 21 Mar 2025 15:25

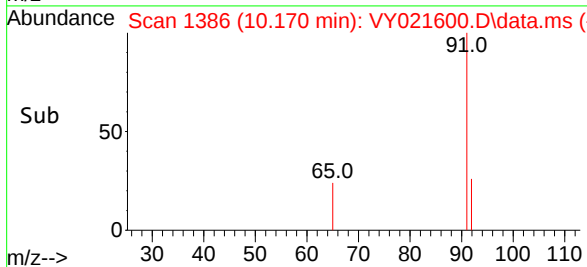
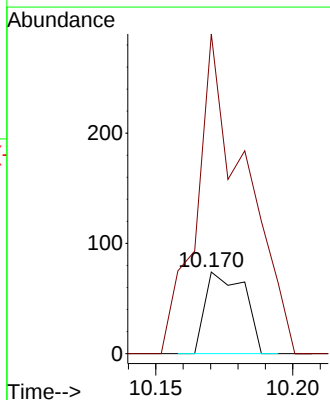
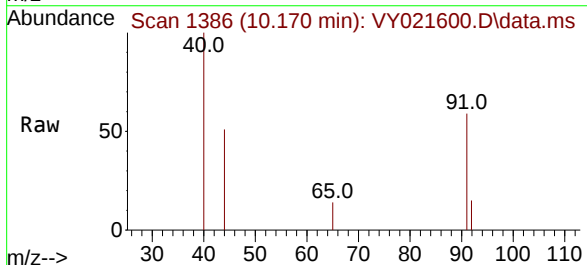
Instrument :
MSVOA_Y
ClientSampleId :
CHRT28607

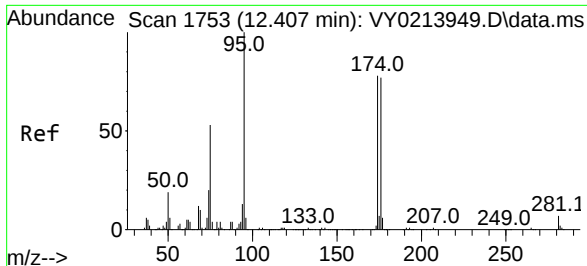
Tgt Ion: 98 Resp: 334
Ion Ratio Lower Upper
98 100
100 16.8 52.1 78.1#



#52
Toluene
Concen: 8.187 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021600.D
Acq: 21 Mar 2025 15:25

Tgt Ion: 92 Resp: 74
Ion Ratio Lower Upper
92 100
91 486.5 138.2 207.2#

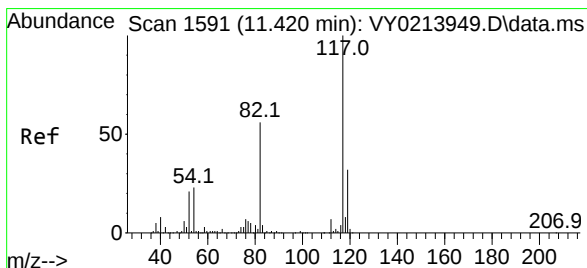
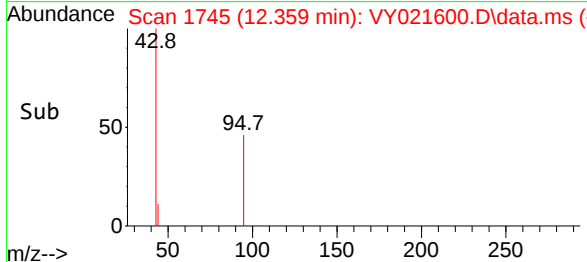
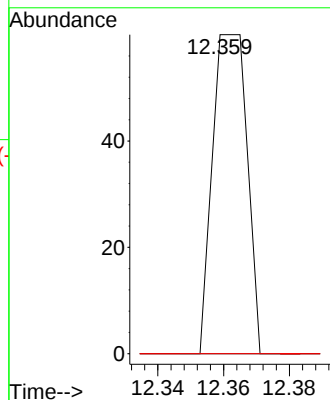
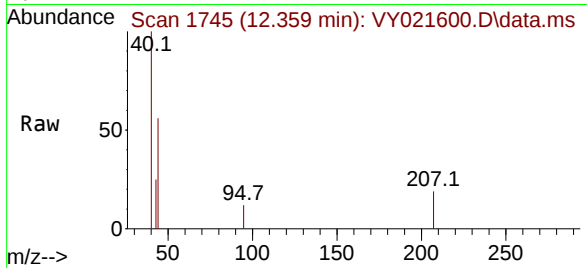




#62
4-Bromofluorobenzene
Concen: 10.988 ug/l
RT: 12.359 min Scan# 11
Delta R.T. -0.048 min
Lab File: VY021600.D
Acq: 21 Mar 2025 15:25

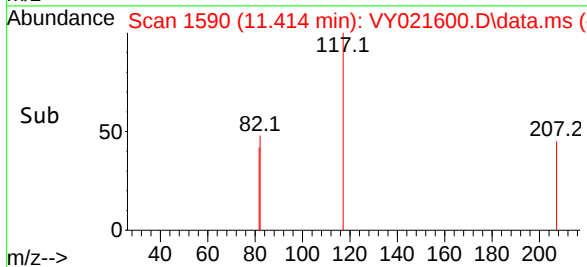
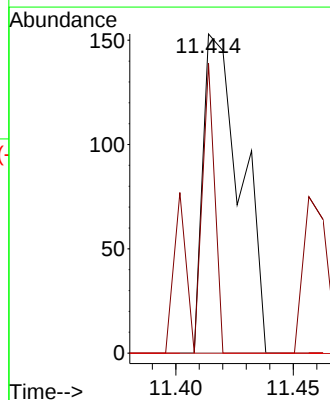
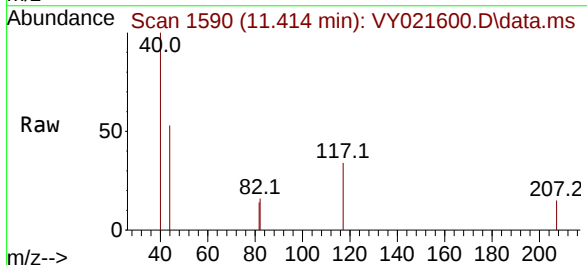
Instrument :
MSVOA_Y
ClientSampleId :
CHRT28607

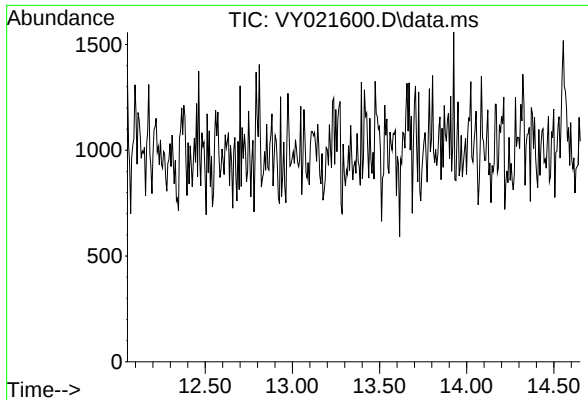
Tgt Ion: 95 Resp: 44
Ion Ratio Lower Upper
95 100
174 0.0 0.0 165.0
176 0.0 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021600.D
Acq: 21 Mar 2025 15:25

Tgt Ion: 117 Resp: 170
Ion Ratio Lower Upper
117 100
82 90.8 44.6 67.0#
119 0.0 25.4 38.0#





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.35 min
Lab File: VY021600.D
Acq: 21 Mar 2025 15:25

Instrument :
MSVOA_Y
ClientSampleId :
CHRT28607

Tgt Ion: 152
Sig Exp Ratio
152 100
115 58.0
150 173.6

