

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052925\
 Data File : VY022463.D
 Acq On : 29 May 2025 13:36
 Operator : SY/MD
 Sample : Q2150-04
 Misc : 6.52g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-48

Quant Time: May 30 05:34:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

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

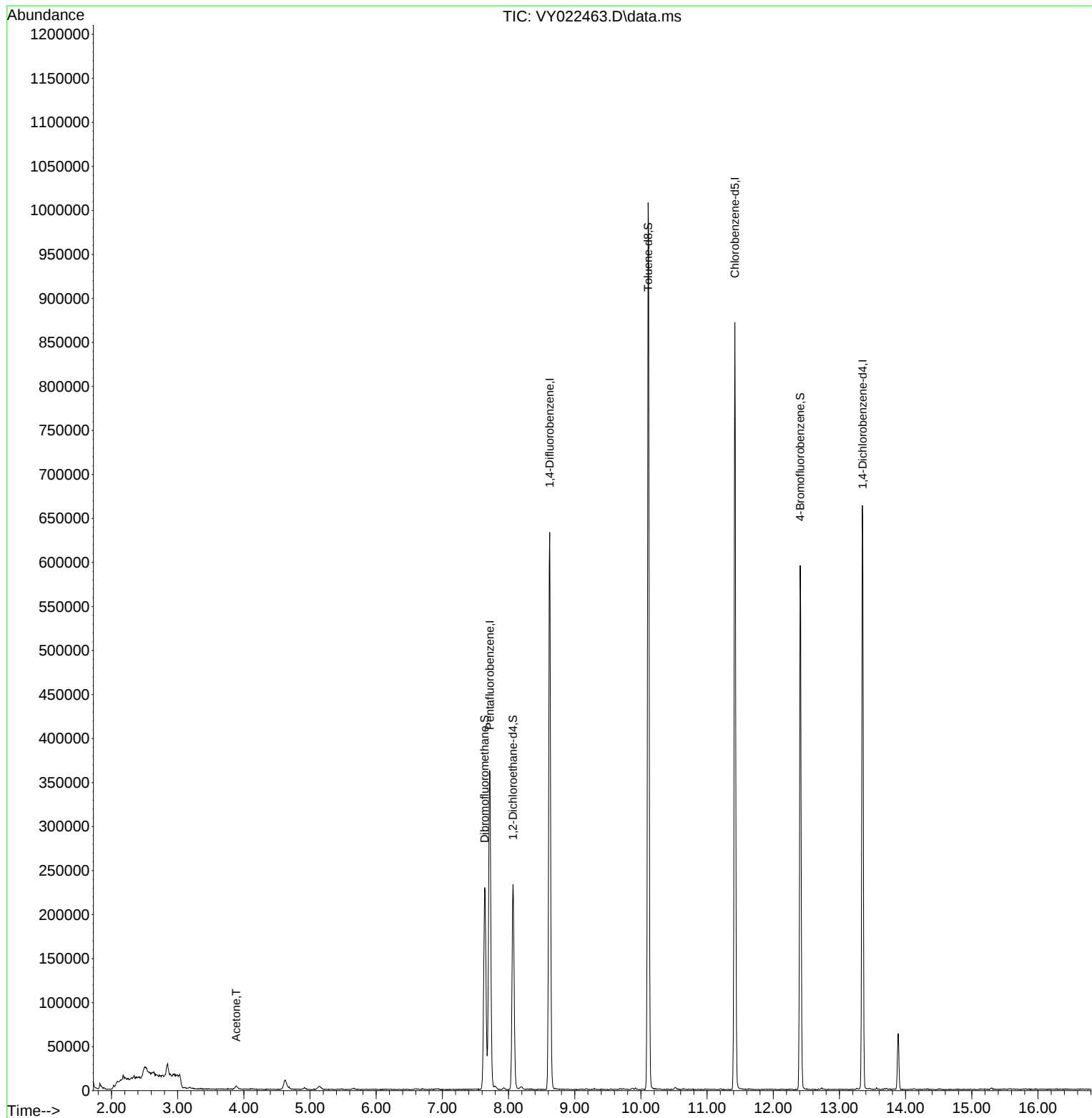
Internal Standards						
1) Pentafluorobenzene	7.719	168	278545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	518246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	419041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	155769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	173294	59.065	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.140%
35) Dibromofluoromethane	7.640	113	160020	52.725	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.440%
50) Toluene-d8	10.109	98	625091	50.523	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.040%
62) 4-Bromofluorobenzene	12.407	95	160933	43.002	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.000%
Target Compounds						
16) Acetone	3.885	43	6661	13.816	ug/l	Qvalue # 87

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

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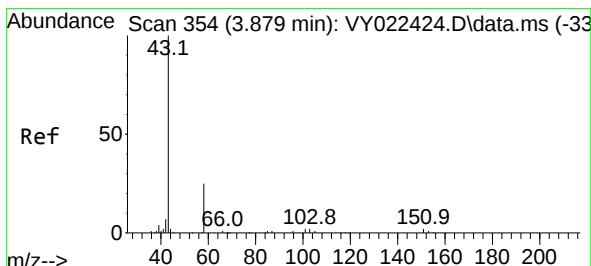
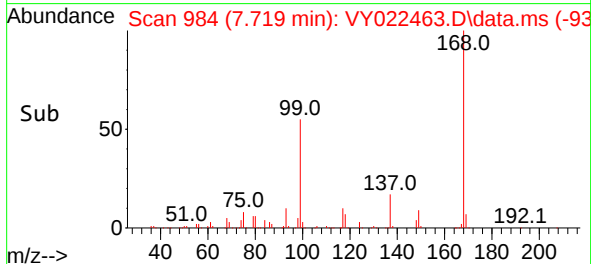
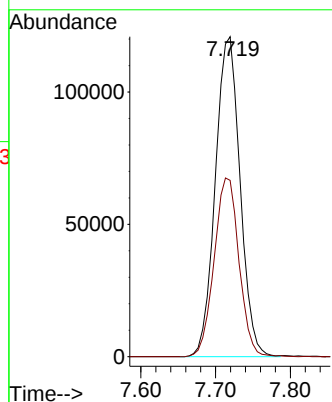
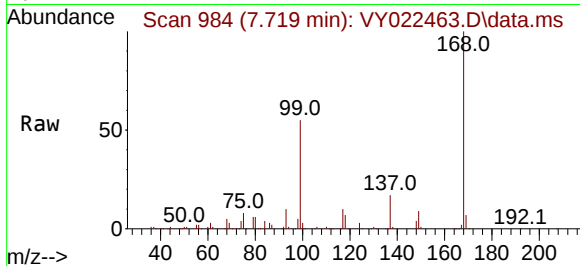




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.006 min
Lab File: VY022463.D
Acq: 29 May 2025 13:36

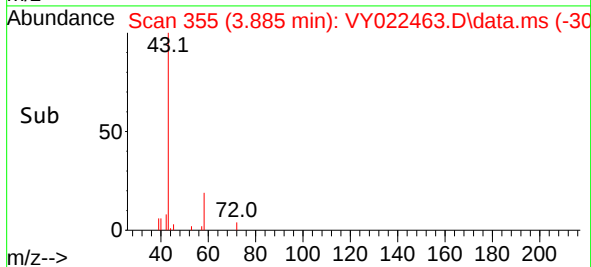
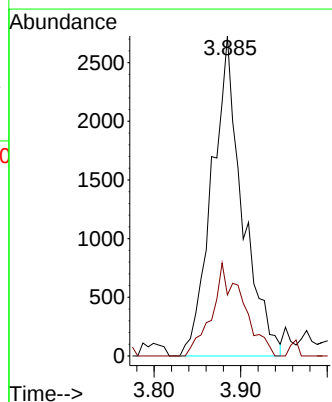
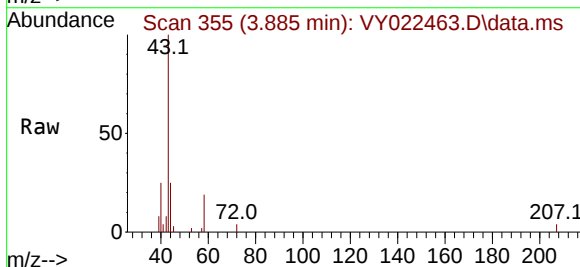
Instrument :
MSVOA_Y
ClientSampleId :
TP-48

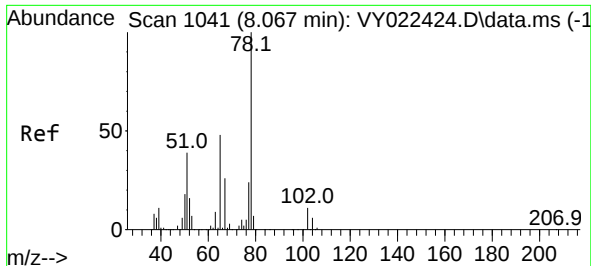
Tgt Ion:168 Resp: 278545
Ion Ratio Lower Upper
168 100
99 55.1 44.7 67.1



#16
Acetone
Concen: 13.816 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022463.D
Acq: 29 May 2025 13:36

Tgt Ion: 43 Resp: 6661
Ion Ratio Lower Upper
43 100
58 19.1 20.6 30.8#





#33

1,2-Dichloroethane-d4

Concen: 59.065 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY022463.D

Acq: 29 May 2025 13:36

Instrument :

MSVOA_Y

ClientSampleId :

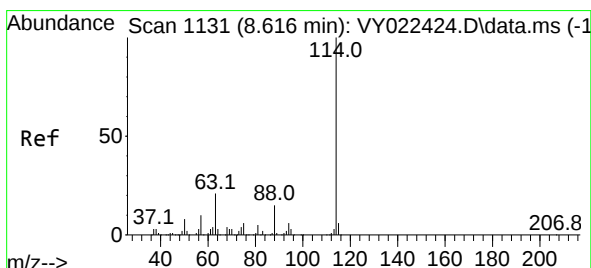
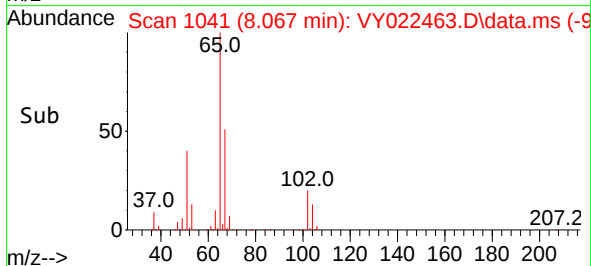
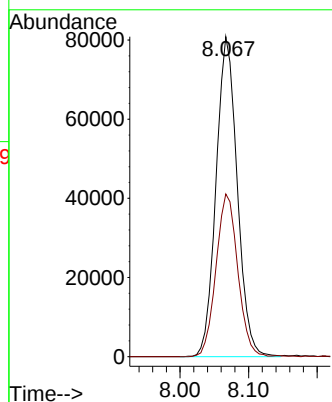
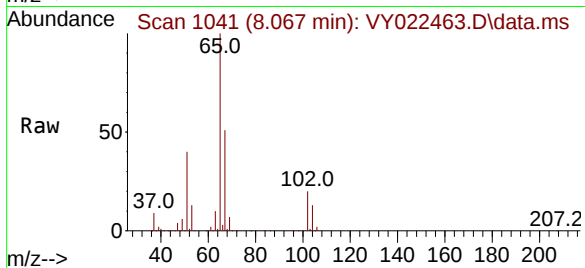
TP-48

Tgt Ion: 65 Resp: 173294

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022463.D

Acq: 29 May 2025 13:36

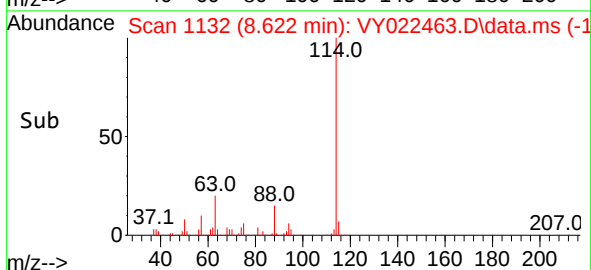
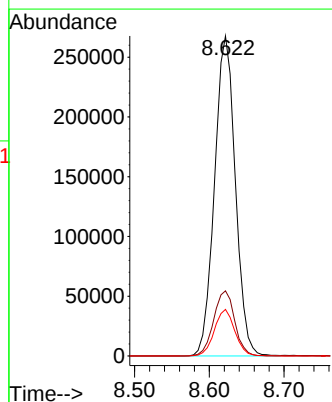
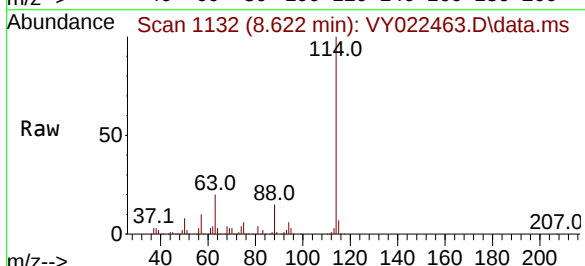
Tgt Ion: 114 Resp: 518246

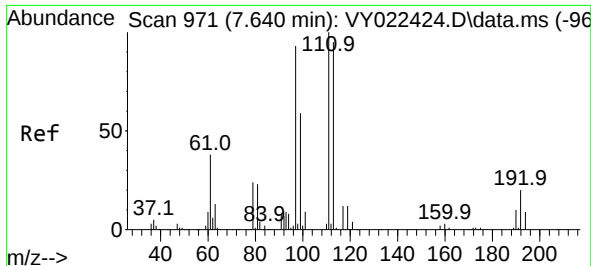
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

88 14.6 0.0 29.4

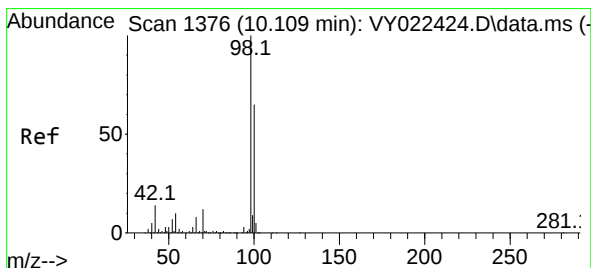
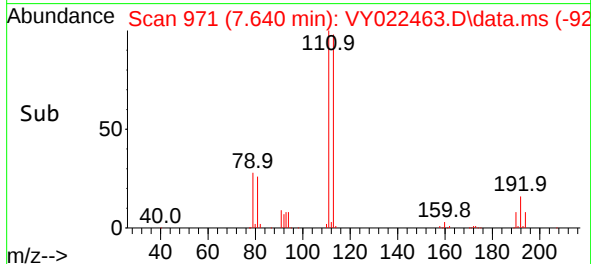
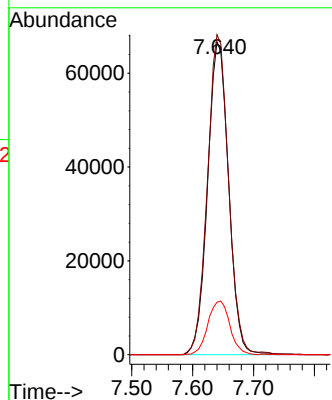
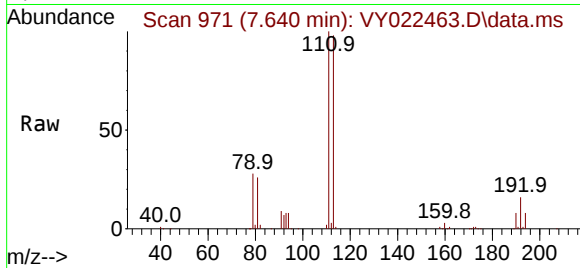




#35
Dibromofluoromethane
Concen: 52.725 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022463.D
Acq: 29 May 2025 13:36

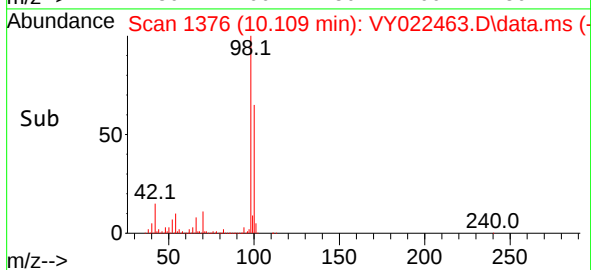
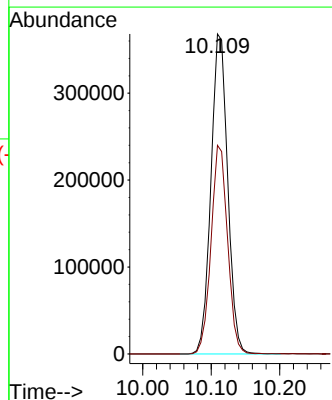
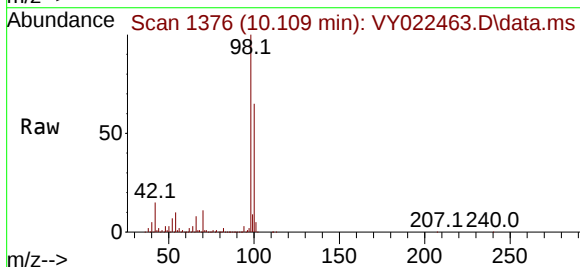
Instrument :
MSVOA_Y
ClientSampleId :
TP-48

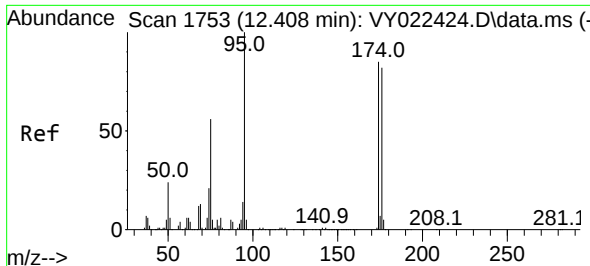
Tgt Ion:113 Resp: 160020
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 17.9 15.2 22.8



#50
Toluene-d8
Concen: 50.523 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022463.D
Acq: 29 May 2025 13:36

Tgt Ion: 98 Resp: 625091
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2

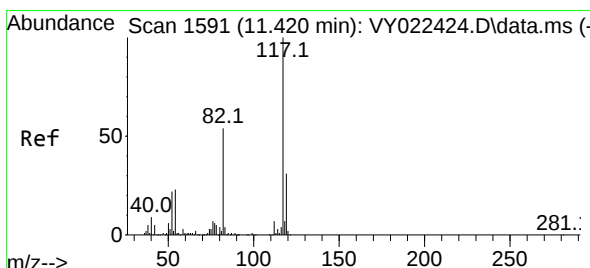
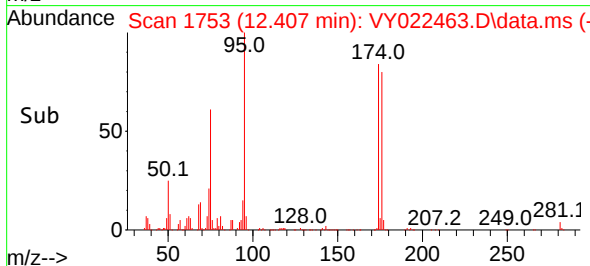
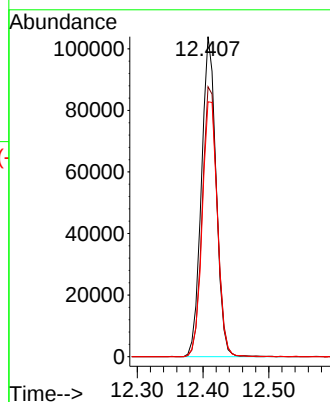
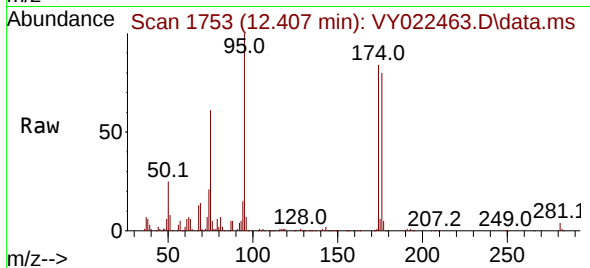




#62
4-Bromofluorobenzene
Concen: 43.002 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022463.D
Acq: 29 May 2025 13:36

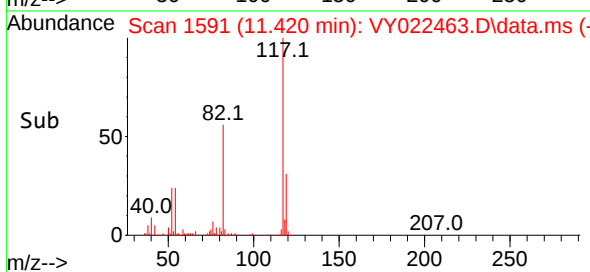
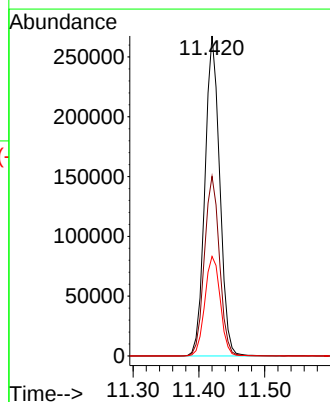
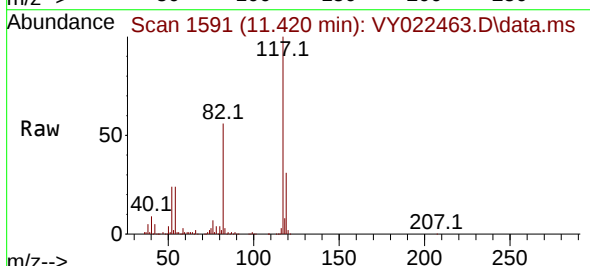
Instrument :
MSVOA_Y
ClientSampleId :
TP-48

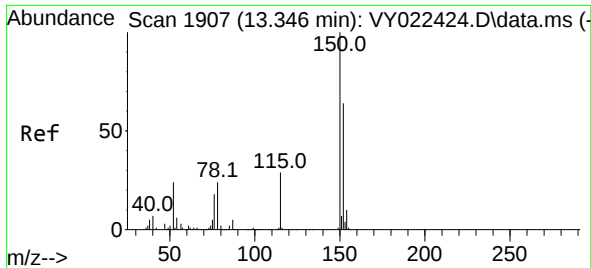
Tgt Ion: 95 Resp: 160933
Ion Ratio Lower Upper
95 100
174 86.1 0.0 171.6
176 82.6 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY022463.D
Acq: 29 May 2025 13:36

Tgt Ion: 117 Resp: 419041
Ion Ratio Lower Upper
117 100
82 56.1 43.3 64.9
119 31.1 24.5 36.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY022463.D

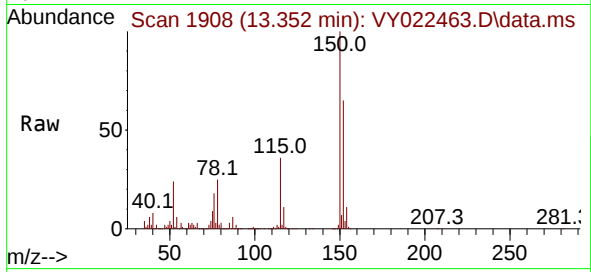
Acq: 29 May 2025 13:36

Instrument :

MSVOA_Y

ClientSampleId :

TP-48



Tgt Ion:152 Resp: 155769

Ion Ratio Lower Upper

152 100

115 57.2 28.4 85.3

150 156.7 0.0 345.8

