

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
 Data File : VY021430.D
 Acq On : 06 Mar 2025 13:28
 Operator : SY/MD
 Sample : Q1489-05
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Mar 06 14:12:34 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)

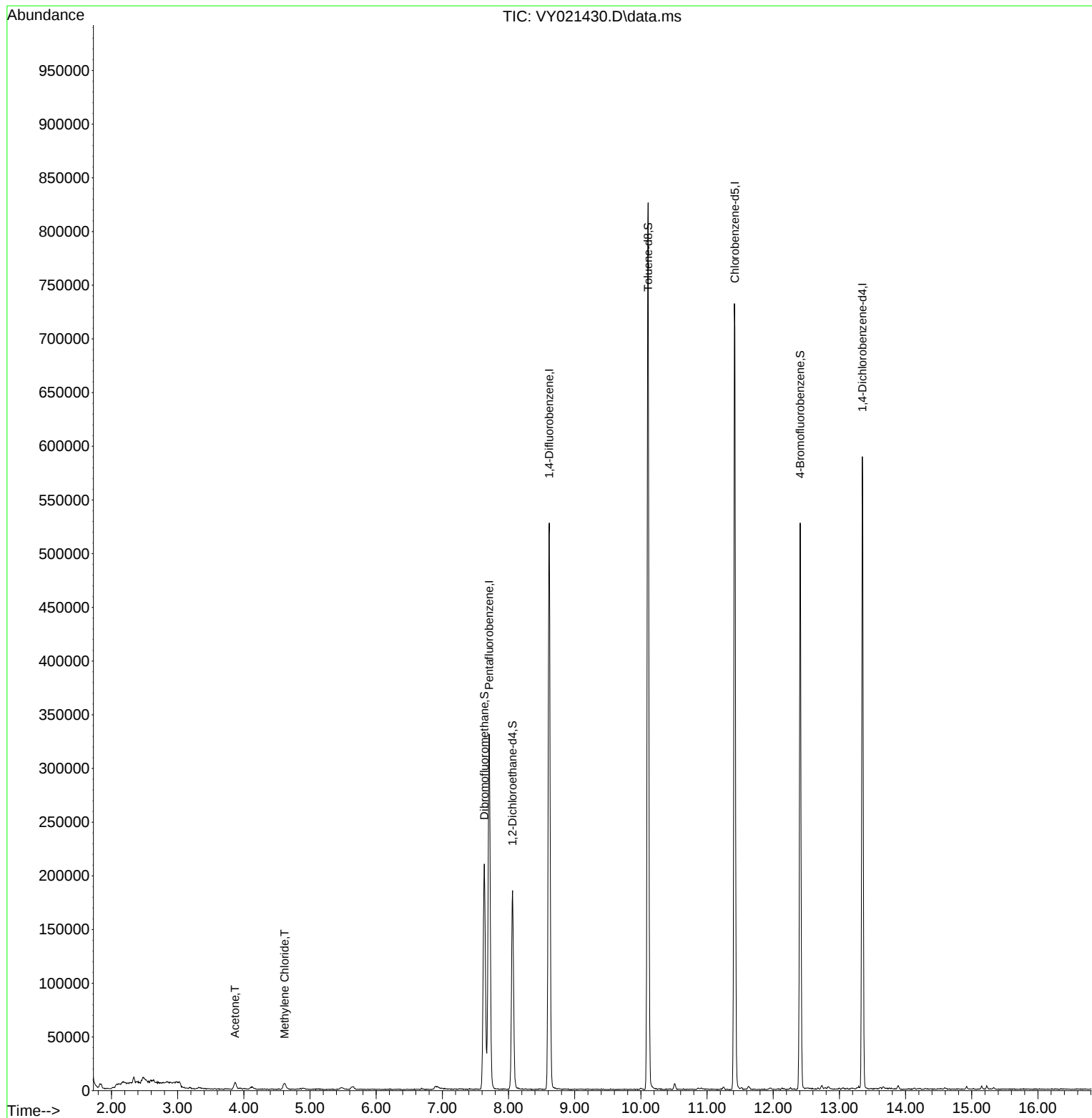
Internal Standards						
1) Pentafluorobenzene	7.707	168	243813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	435486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	374607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	138645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	145303	56.386	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.780%	
35) Dibromofluoromethane	7.634	113	144464	50.468	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.940%	
50) Toluene-d8	10.109	98	526418	48.570	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.140%	
62) 4-Bromofluorobenzene	12.408	95	152293	41.308	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.620%	
Target Compounds						Qvalue
16) Acetone	3.866	43	10904	19.400	ug/l	94
20) Methylene Chloride	4.616	84	3972	1.346	ug/l	91

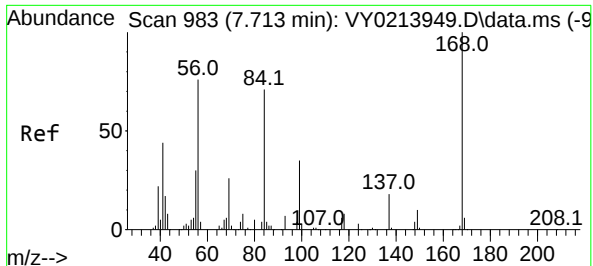
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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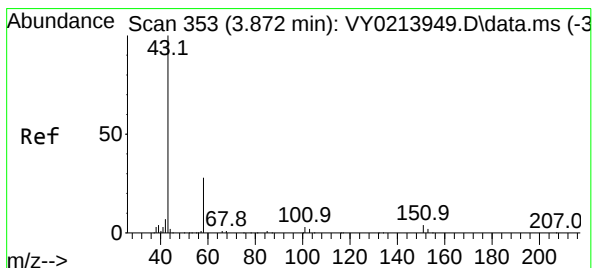
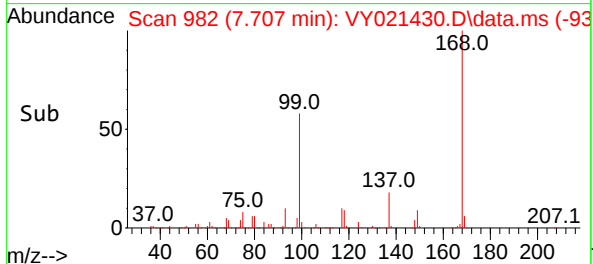
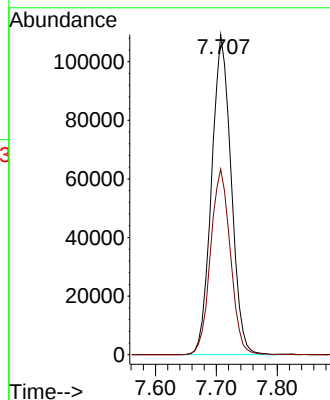
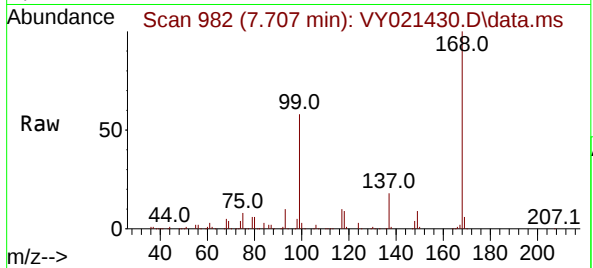




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021430.D
Acq: 06 Mar 2025 13:28

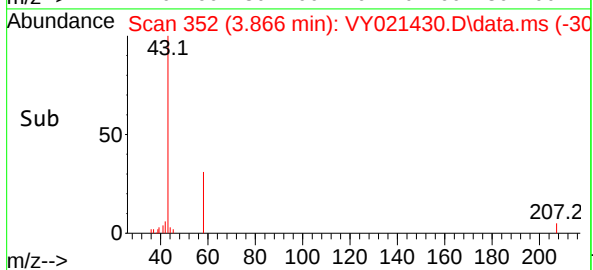
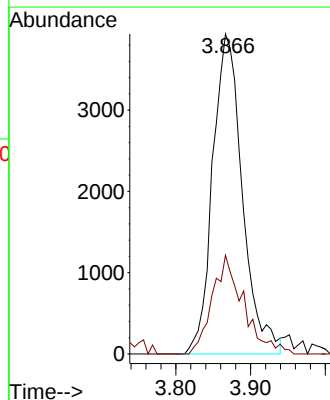
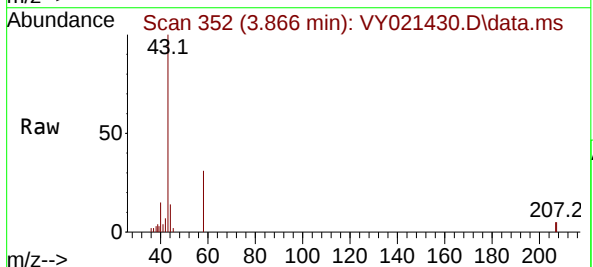
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

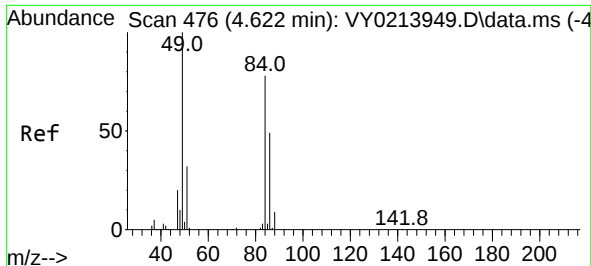
Tgt Ion:168 Resp: 243813
Ion Ratio Lower Upper
168 100
99 58.0 46.0 69.0



#16
Acetone
Concen: 19.400 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021430.D
Acq: 06 Mar 2025 13:28

Tgt Ion: 43 Resp: 10904
Ion Ratio Lower Upper
43 100
58 30.8 22.1 33.1





#20

Methylene Chloride

Concen: 1.346 ug/l

RT: 4.616 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY021430.D

Acq: 06 Mar 2025 13:28

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

Tgt Ion: 84 Resp: 3972

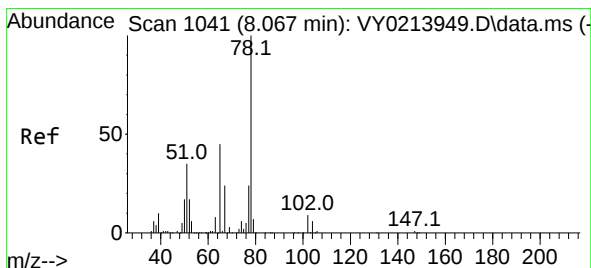
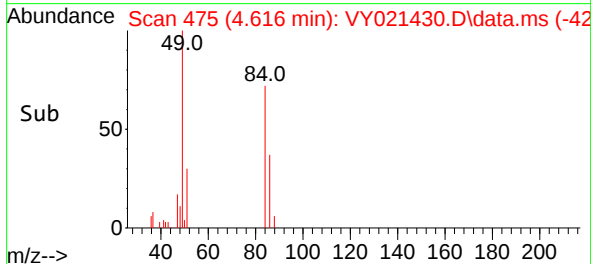
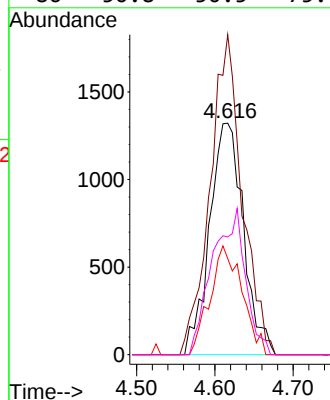
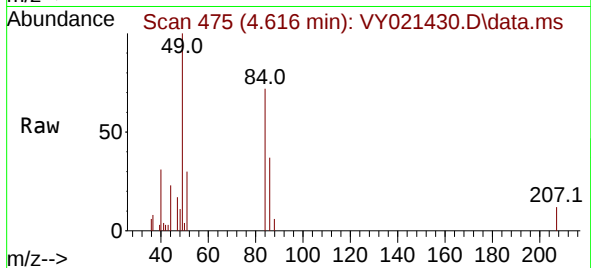
Ion Ratio Lower Upper

84 100

49 138.2 102.0 153.0

51 41.5 33.0 49.6

86 50.8 50.5 75.7



#33

1,2-Dichloroethane-d4

Concen: 56.386 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY021430.D

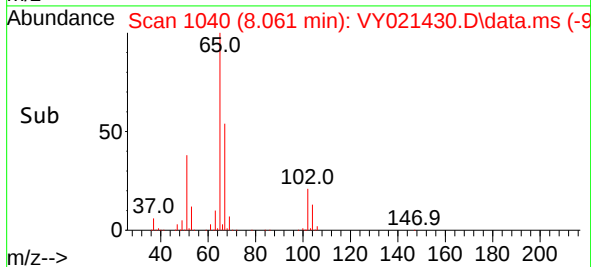
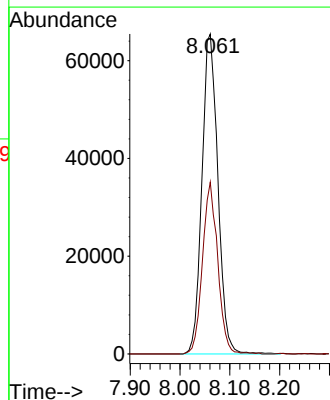
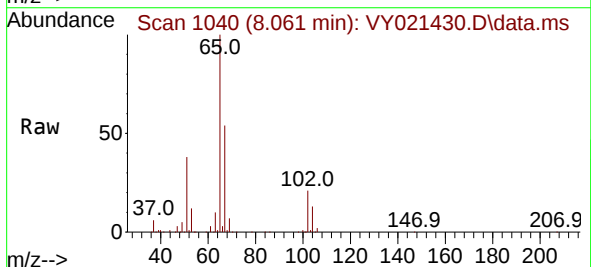
Acq: 06 Mar 2025 13:28

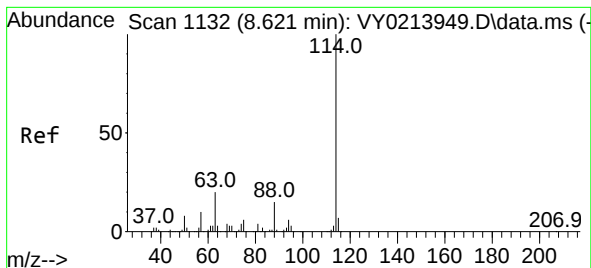
Tgt Ion: 65 Resp: 145303

Ion Ratio Lower Upper

65 100

67 51.4 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: VY021430.D

Acq: 06 Mar 2025 13:28

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

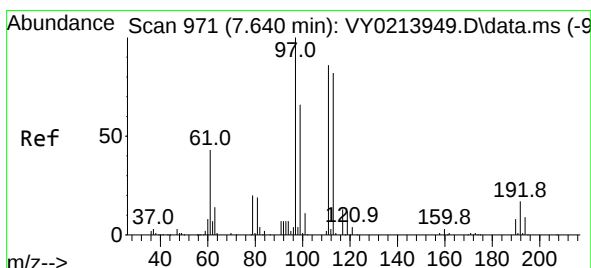
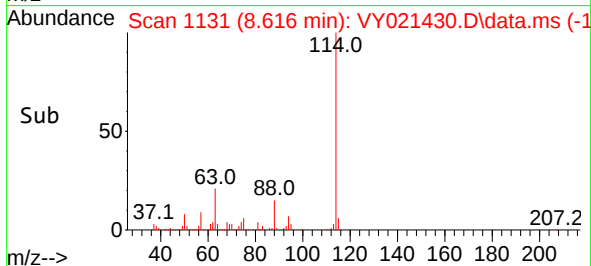
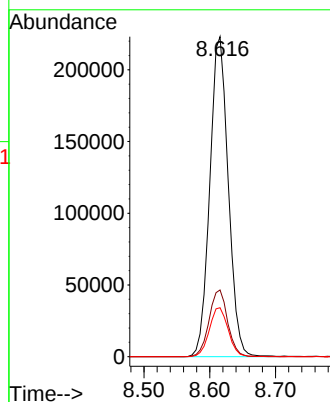
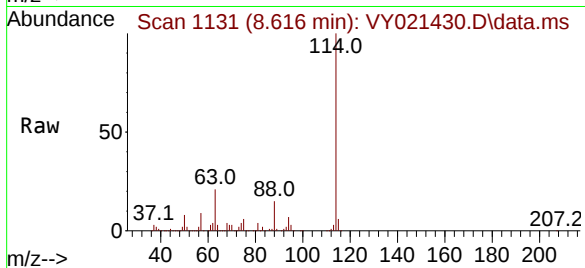
Tgt Ion:114 Resp: 435486

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

88 15.3 0.0 30.8



#35

Dibromofluoromethane

Concen: 50.468 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021430.D

Acq: 06 Mar 2025 13:28

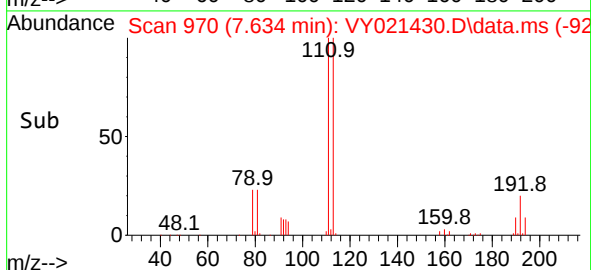
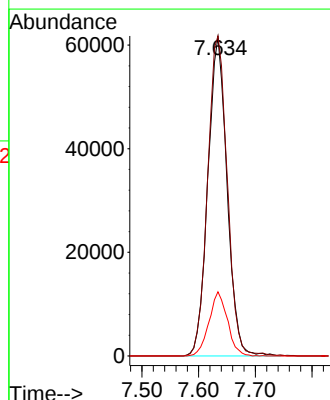
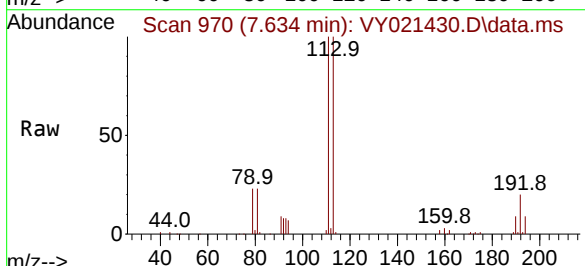
Tgt Ion:113 Resp: 144464

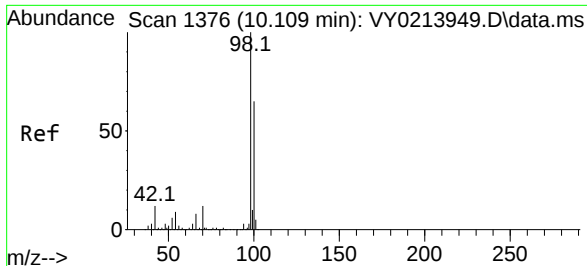
Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

192 19.4 15.9 23.9

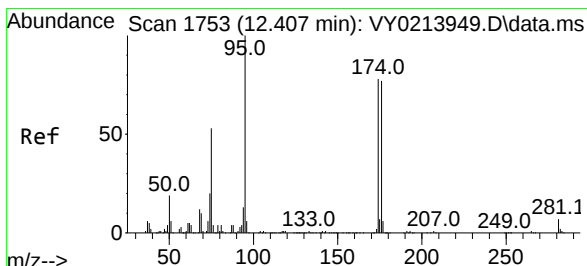
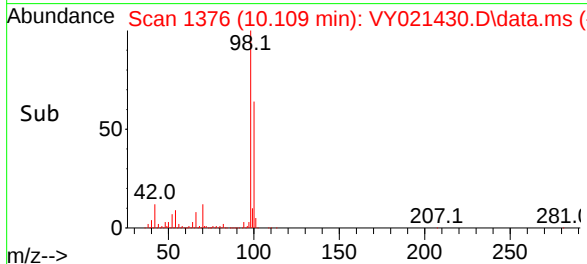
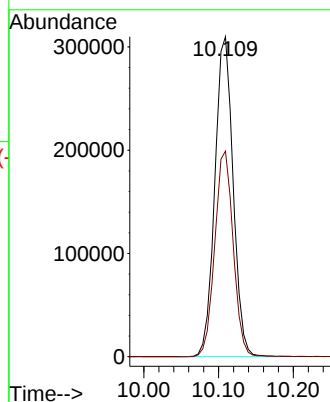
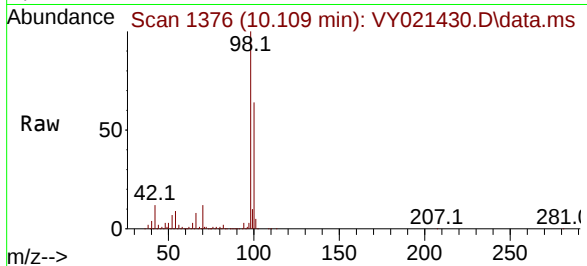




#50
Toluene-d8
Concen: 48.570 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021430.D
Acq: 06 Mar 2025 13:28

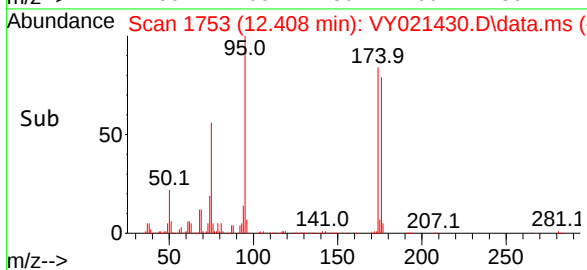
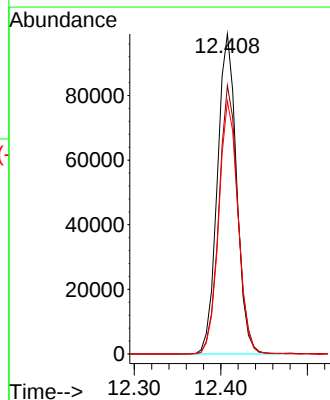
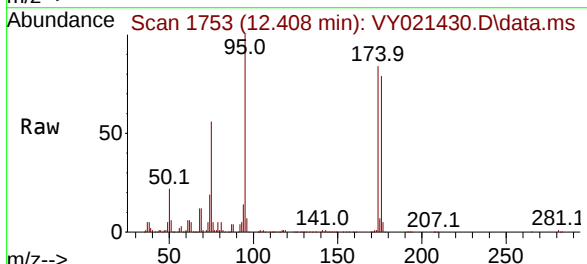
Instrument :
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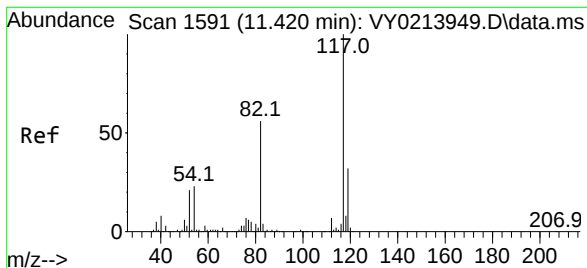
Tgt Ion: 98 Resp: 526418
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 41.308 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021430.D
Acq: 06 Mar 2025 13:28

Tgt Ion: 95 Resp: 152293
Ion Ratio Lower Upper
95 100
174 82.9 0.0 165.0
176 79.2 0.0 160.0

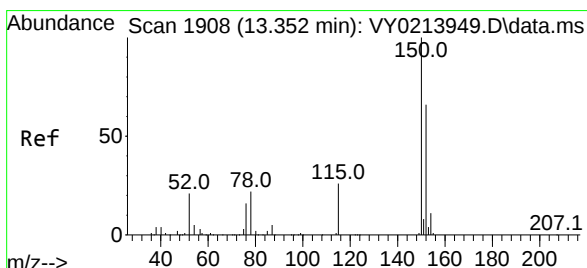
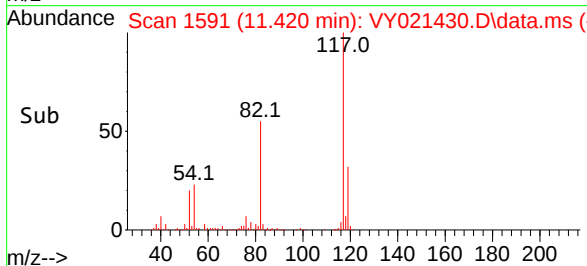
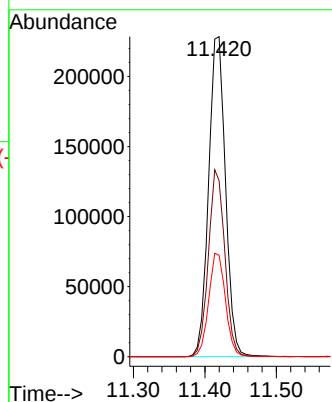
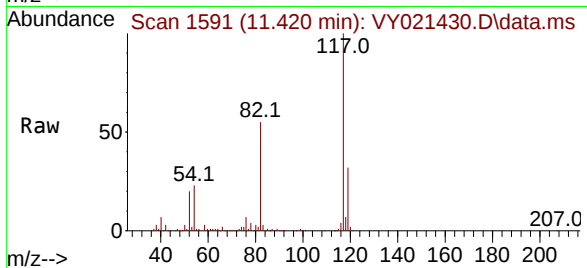




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021430.D
Acq: 06 Mar 2025 13:28

Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 374607
Ion Ratio Lower Upper
117 100
82 55.0 44.6 67.0
119 31.7 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: VY021430.D
Acq: 06 Mar 2025 13:28

Tgt Ion:152 Resp: 138645
Ion Ratio Lower Upper
152 100
115 60.3 29.0 87.0
150 160.6 0.0 347.2

