

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030525\
 Data File : VY021415.D
 Acq On : 05 Mar 2025 16:08
 Operator : SY/MD
 Sample : Q1480-25
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Mar 05 17:44:15 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)

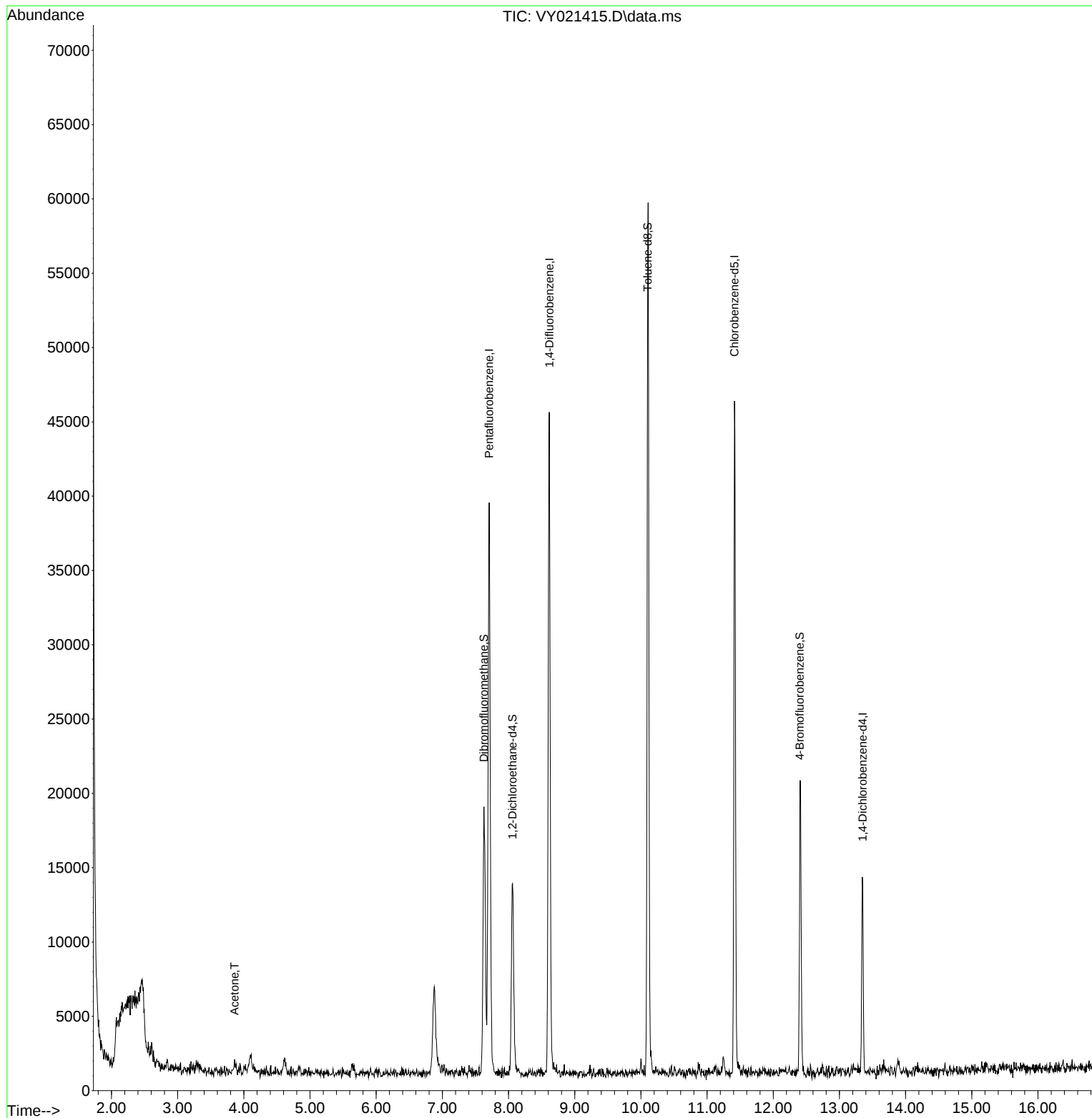
Internal Standards						
1) Pentafluorobenzene	7.707	168	27696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	36880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	22792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	3261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	11195	38.243	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.480%
35) Dibromofluoromethane	7.628	113	12795	52.781	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.560%
50) Toluene-d8	10.103	98	39178	42.684	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.360%
62) 4-Bromofluorobenzene	12.402	95	5607	17.958	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	35.920%
Target Compounds						
16) Acetone	3.860	43	1059	16.587	ug/l	Qvalue # 82

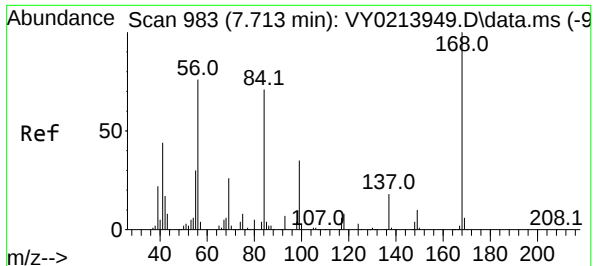
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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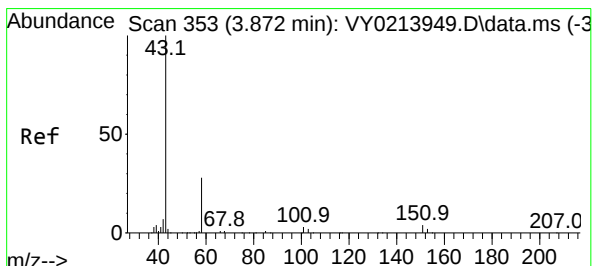
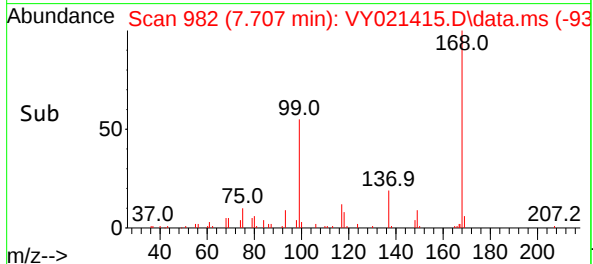
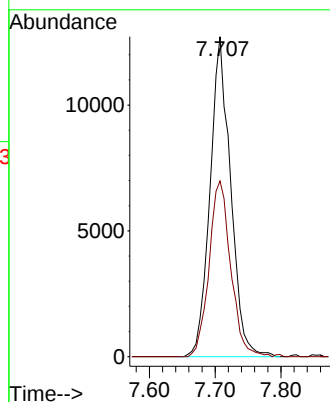
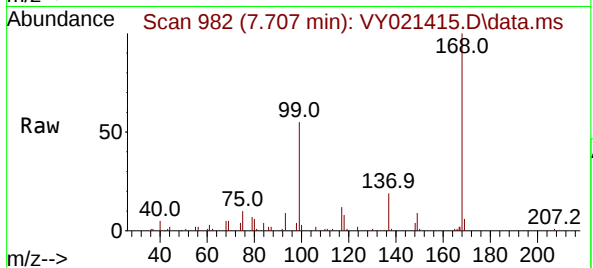




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021415.D
Acq: 05 Mar 2025 16:08

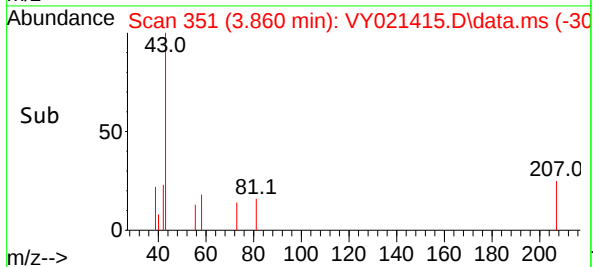
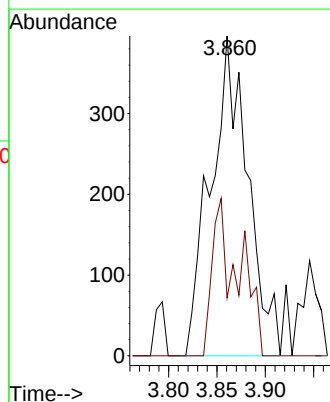
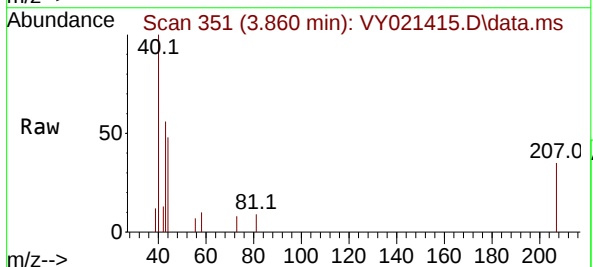
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

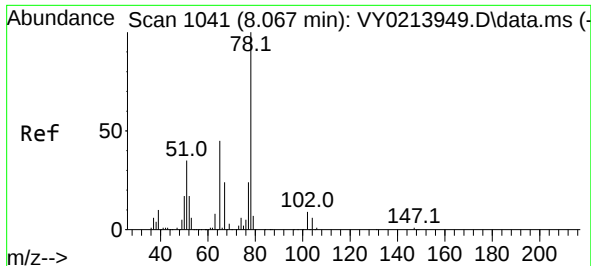
Tgt Ion:168 Resp: 27696
Ion Ratio Lower Upper
168 100
99 54.9 46.0 69.0



#16
Acetone
Concen: 16.587 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY021415.D
Acq: 05 Mar 2025 16:08

Tgt Ion: 43 Resp: 1059
Ion Ratio Lower Upper
43 100
58 18.2 22.1 33.1#





#33

1,2-Dichloroethane-d4

Concen: 38.243 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021415.D

Acq: 05 Mar 2025 16:08

Instrument :

MSVOA_Y

ClientSampleId :

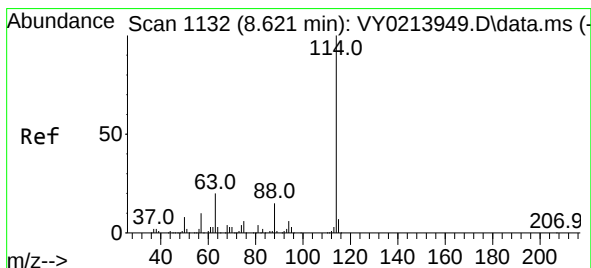
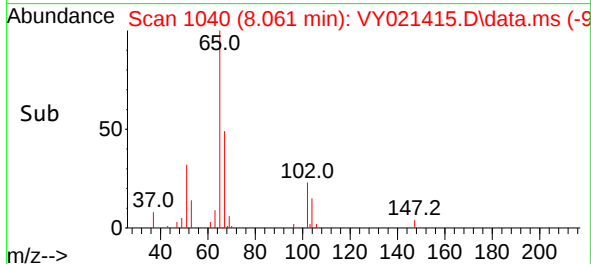
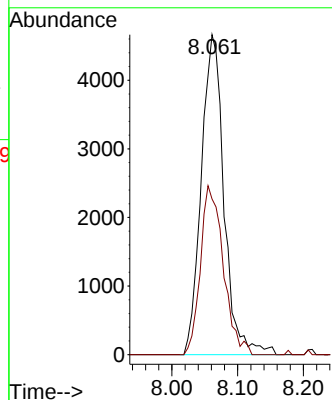
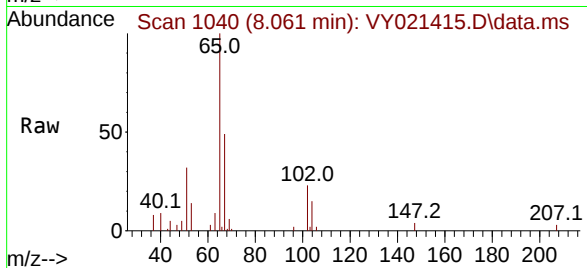
TP-4

Tgt Ion: 65 Resp: 11195

Ion Ratio Lower Upper

65 100

67 53.0 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021415.D

Acq: 05 Mar 2025 16:08

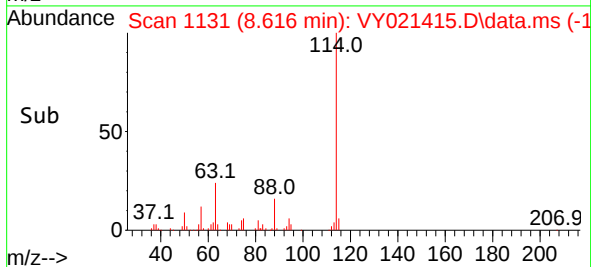
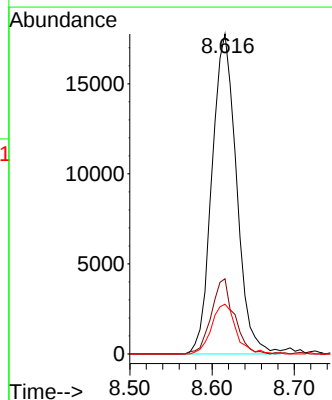
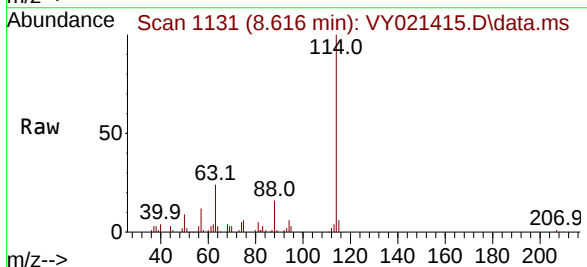
Tgt Ion: 114 Resp: 36880

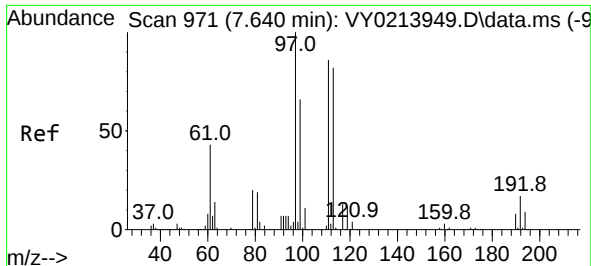
Ion Ratio Lower Upper

114 100

63 23.5 0.0 40.8

88 15.6 0.0 30.8

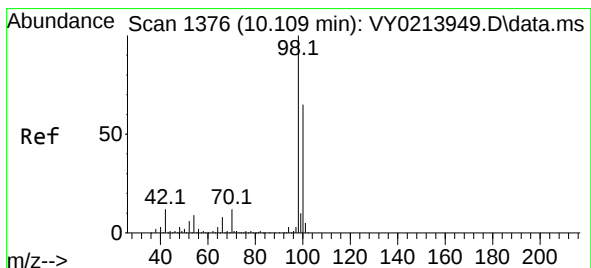
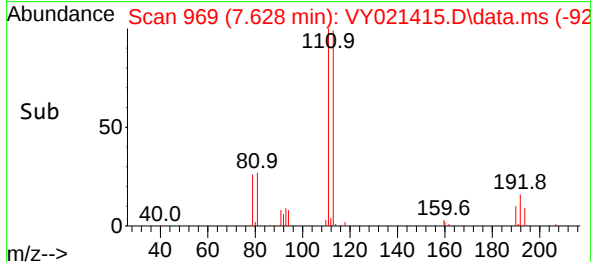
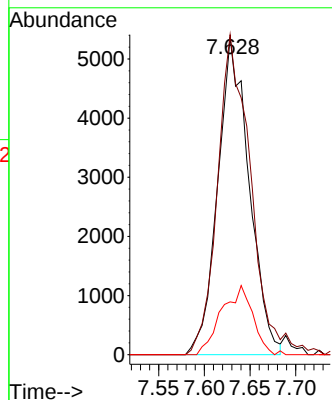
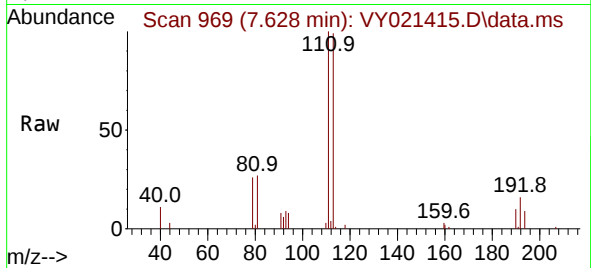




#35
Dibromofluoromethane
Concen: 52.781 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.012 min
Lab File: VY021415.D
Acq: 05 Mar 2025 16:08

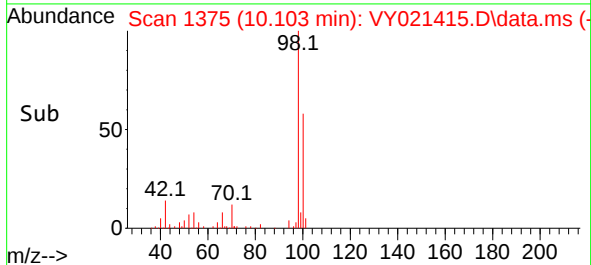
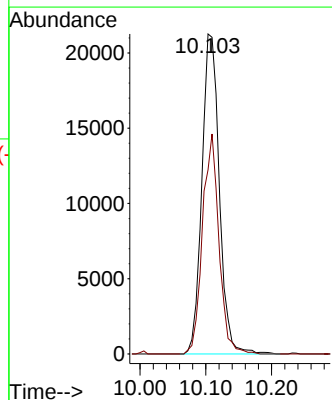
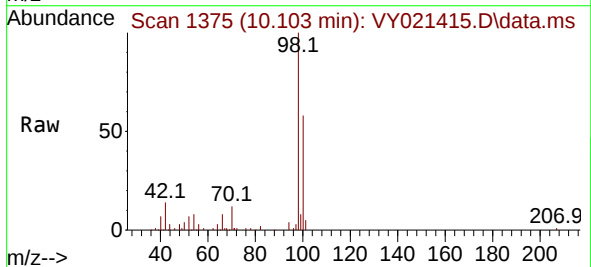
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

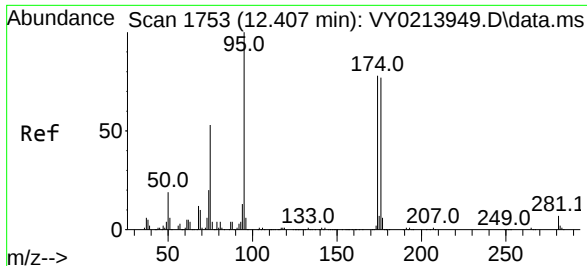
Tgt Ion:113 Resp: 12795
Ion Ratio Lower Upper
113 100
111 107.1 82.0 123.0
192 21.8 15.9 23.9



#50
Toluene-d8
Concen: 42.684 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021415.D
Acq: 05 Mar 2025 16:08

Tgt Ion: 98 Resp: 39178
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1

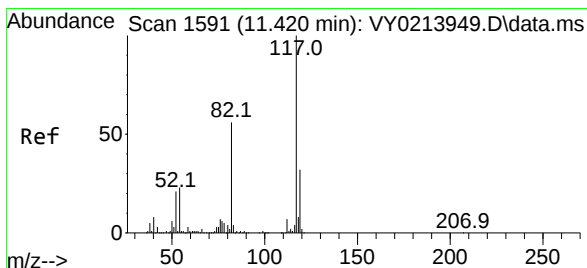
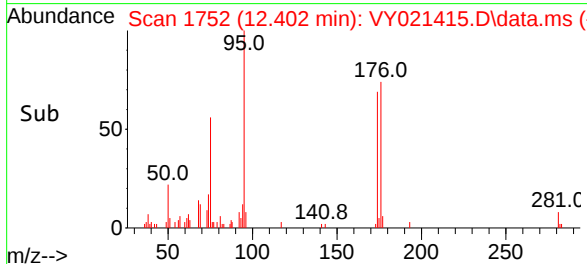
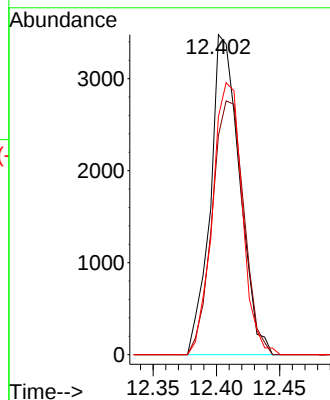
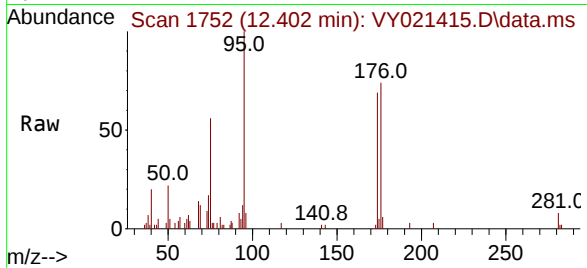




#62
4-Bromofluorobenzene
Concen: 17.958 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021415.D
Acq: 05 Mar 2025 16:08

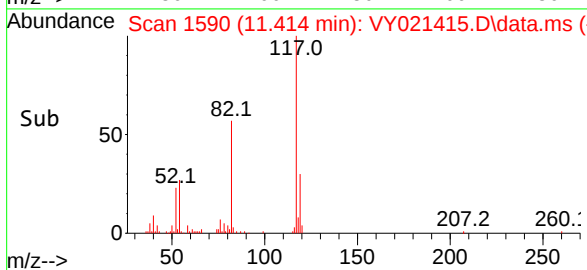
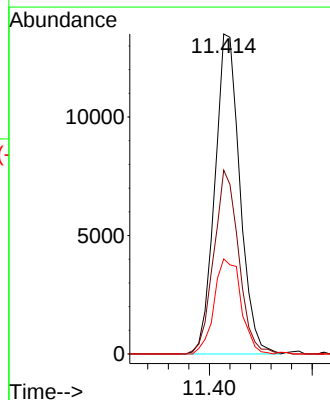
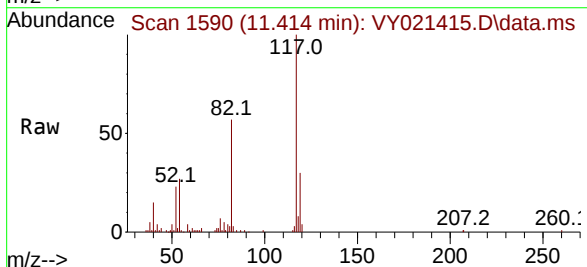
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

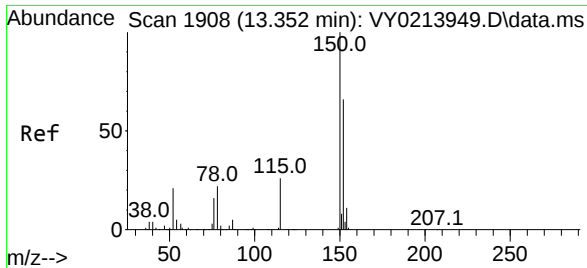
Tgt Ion:	95	Resp:	5607
Ion Ratio	Lower	Upper	
95	100		
174	85.6	0.0	165.0
176	86.0	0.0	160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021415.D
Acq: 05 Mar 2025 16:08

Tgt Ion:	117	Resp:	22792
Ion Ratio	Lower	Upper	
117	100		
82	57.4	44.6	67.0
119	29.7	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY021415.D

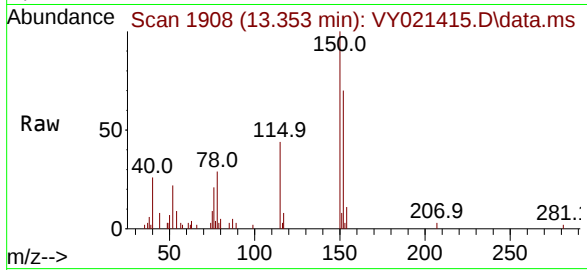
Acq: 05 Mar 2025 16:08

Instrument :

MSVOA_Y

ClientSampleId :

TP-4



Tgt Ion:152 Resp: 3261

Ion Ratio Lower Upper

152 100

115 66.4 29.0 87.0

150 161.4 0.0 347.2

