

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052325\
 Data File : VY022415.D
 Acq On : 23 May 2025 18:47
 Operator : SY/MD
 Sample : Q2127-01
 Misc : 5.94g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: May 23 23:24:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

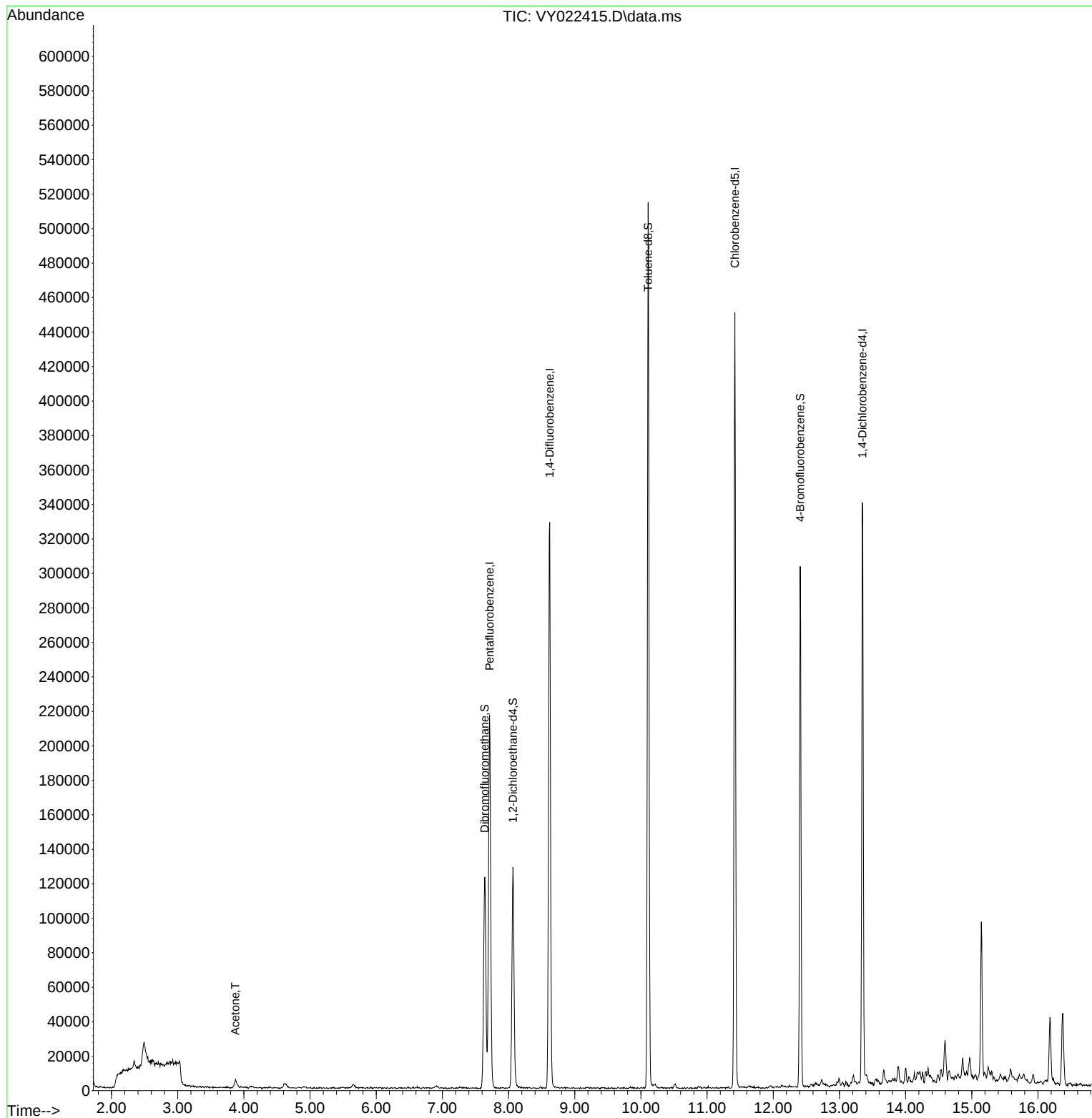
Internal Standards						
1) Pentafluorobenzene	7.713	168	162880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	280501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	217309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	81252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	94156	52.893	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.780%	
35) Dibromofluoromethane	7.640	113	85874	51.293	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.580%	
50) Toluene-d8	10.109	98	325089	47.411	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.820%	
62) 4-Bromofluorobenzene	12.407	95	81706	37.594	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 75.180%	
Target Compounds						
16) Acetone	3.872	43	7566	22.667	ug/l	Qvalue 100

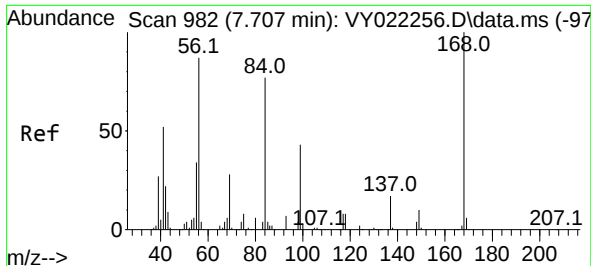
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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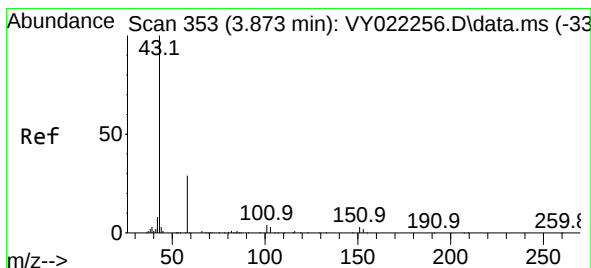
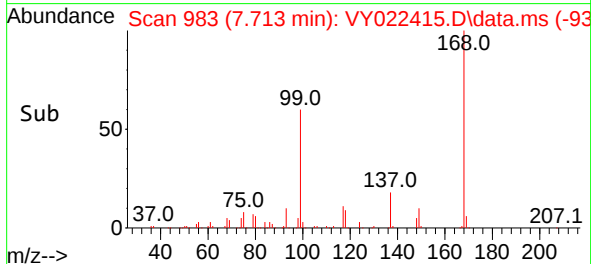
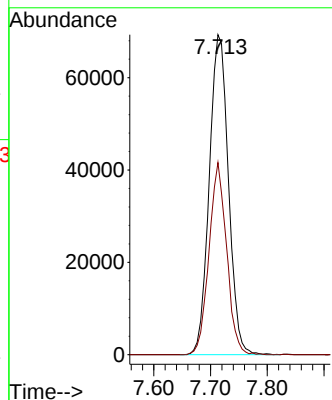
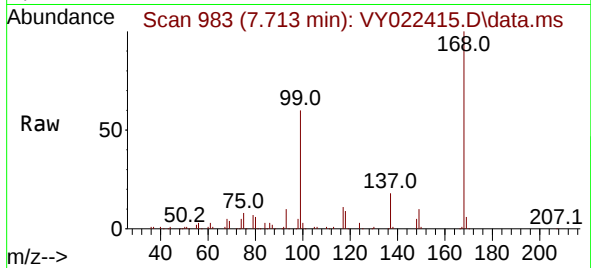




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022415.D
Acq: 23 May 2025 18:47

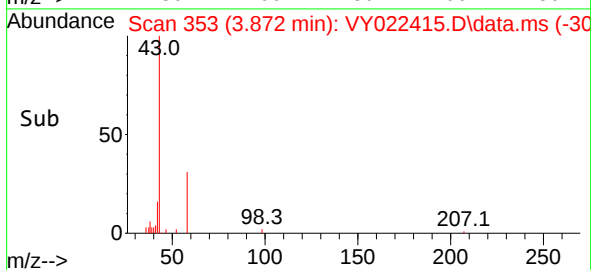
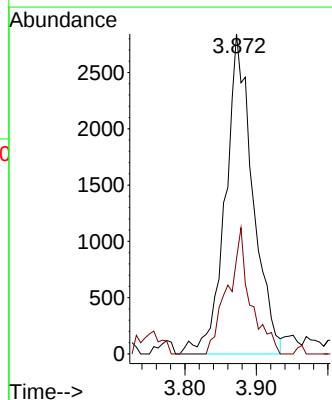
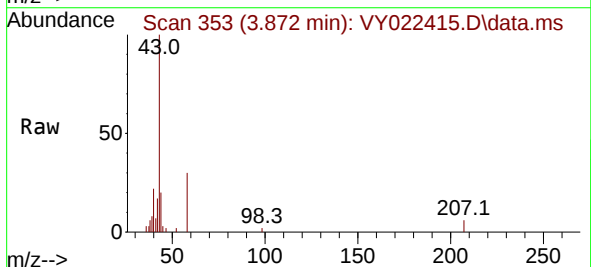
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

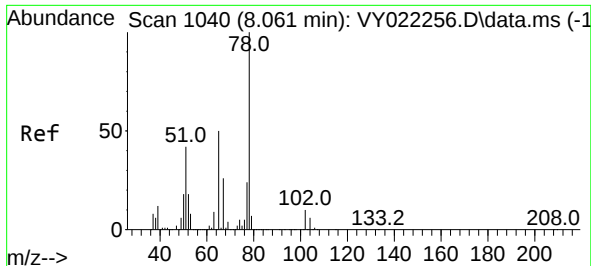
Tgt Ion:168 Resp: 162880
Ion Ratio Lower Upper
168 100
99 60.1 44.2 66.4



#16
Acetone
Concen: 22.667 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY022415.D
Acq: 23 May 2025 18:47

Tgt Ion: 43 Resp: 7566
Ion Ratio Lower Upper
43 100
58 29.8 23.6 35.4





#33

1,2-Dichloroethane-d4

Concen: 52.893 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY022415.D

Acq: 23 May 2025 18:47

Instrument :

MSVOA_Y

ClientSampleId :

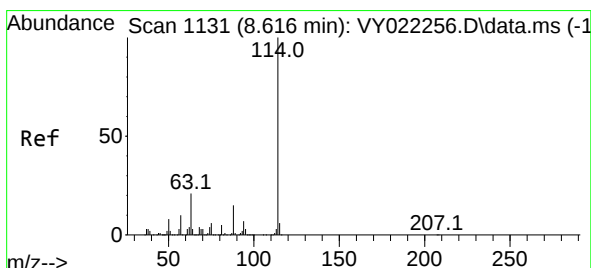
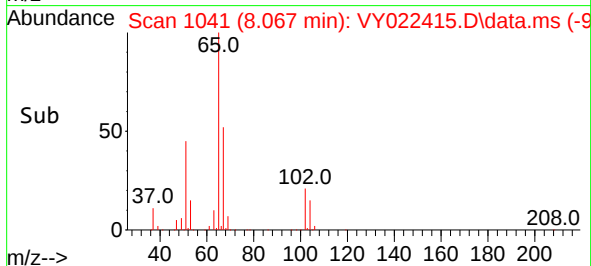
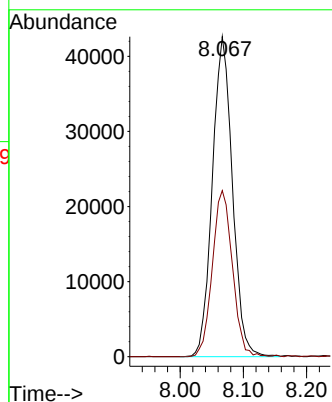
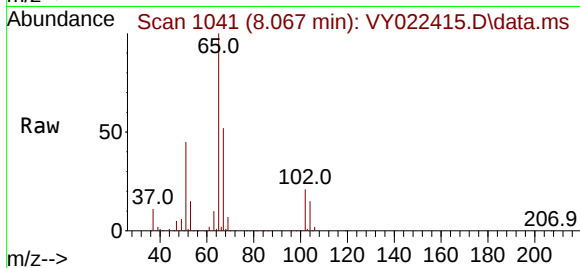
COMP-1

Tgt Ion: 65 Resp: 94156

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022415.D

Acq: 23 May 2025 18:47

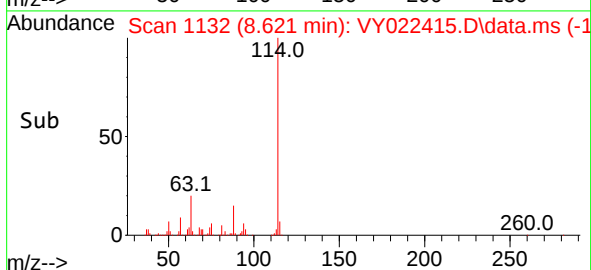
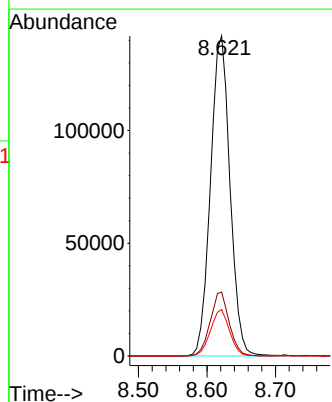
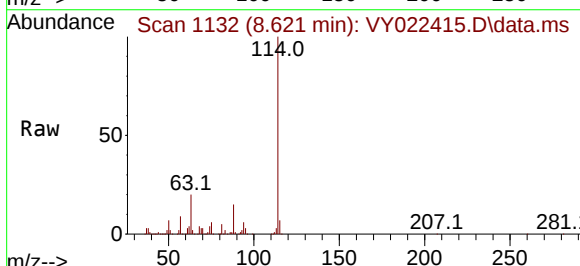
Tgt Ion:114 Resp: 280501

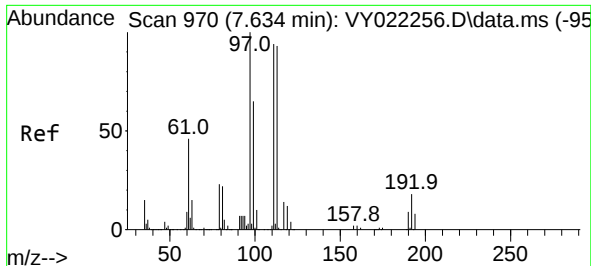
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.0

88 14.5 0.0 29.4





#35

Dibromofluoromethane

Concen: 51.293 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY022415.D

Acq: 23 May 2025 18:47

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

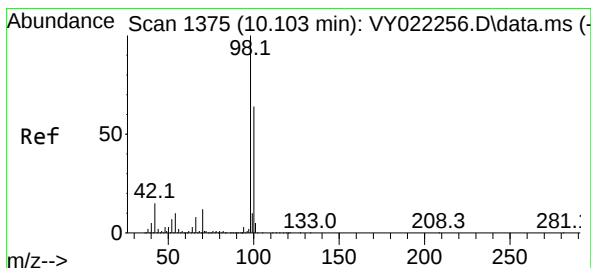
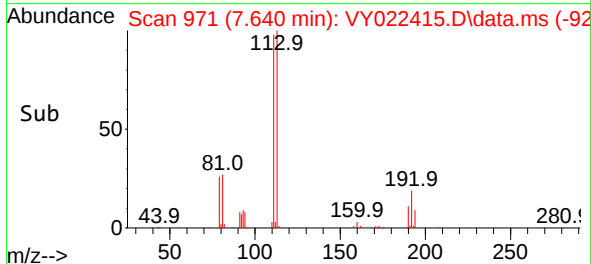
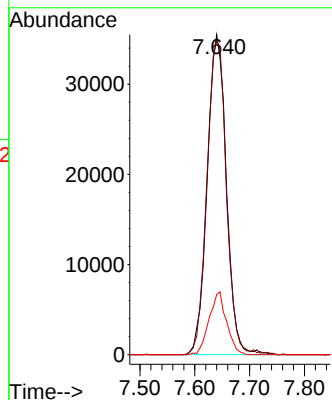
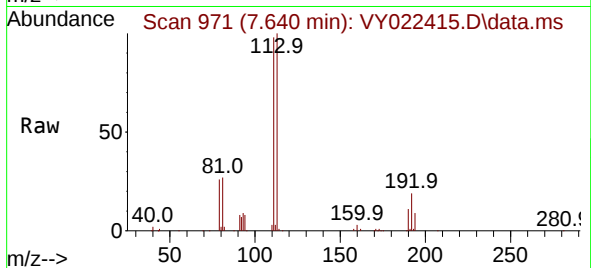
Tgt Ion:113 Resp: 85874

Ion Ratio Lower Upper

113 100

111 100.1 82.6 123.8

192 17.9 15.2 22.8



#50

Toluene-d8

Concen: 47.411 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022415.D

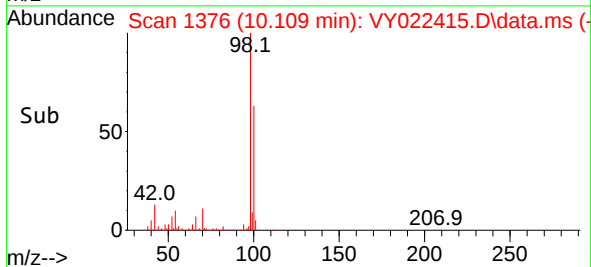
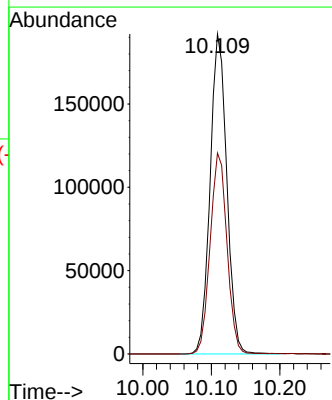
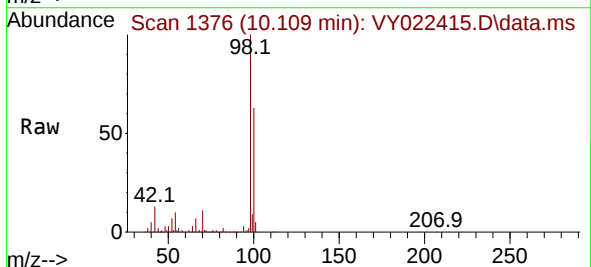
Acq: 23 May 2025 18:47

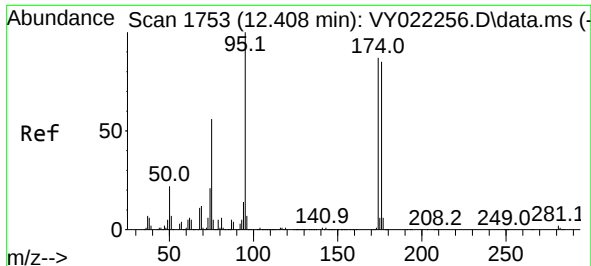
Tgt Ion: 98 Resp: 325089

Ion Ratio Lower Upper

98 100

100 63.4 51.8 77.8

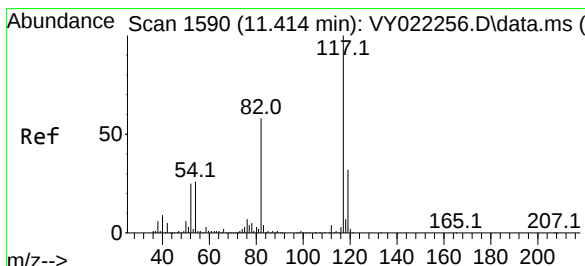
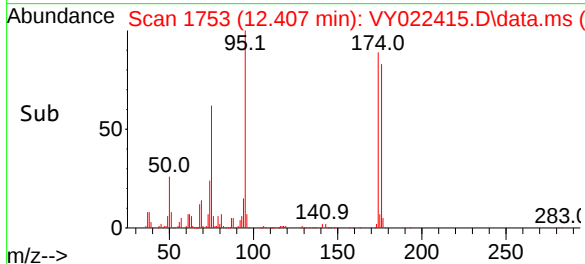
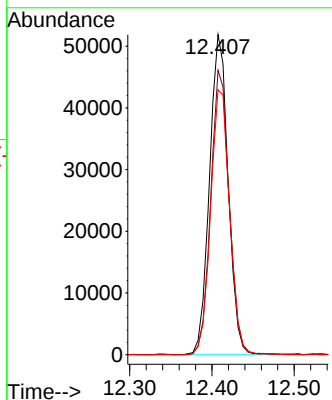
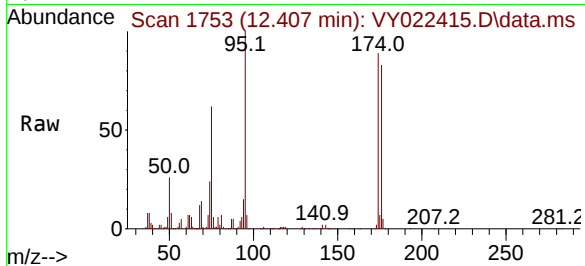




#62
4-Bromofluorobenzene
Concen: 37.594 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022415.D
Acq: 23 May 2025 18:47

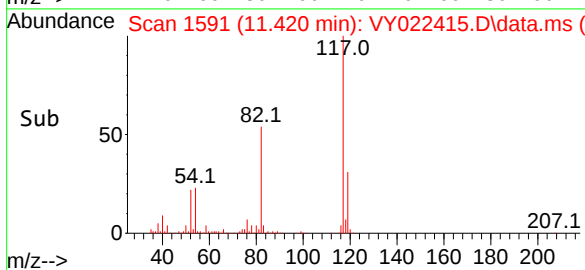
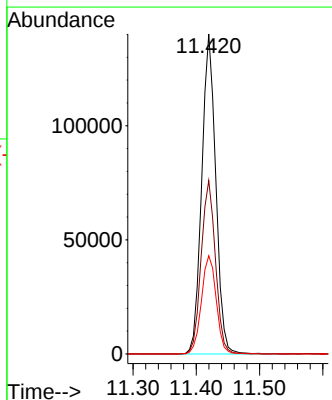
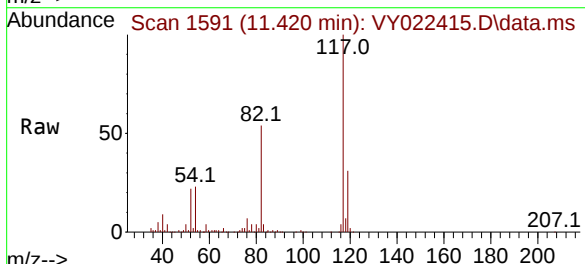
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

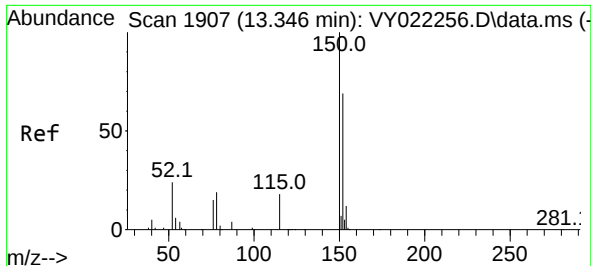
Tgt Ion:	95	Resp:	81706
Ion Ratio	Lower	Upper	
95	100		
174	88.1	0.0	166.8
176	84.3	0.0	160.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY022415.D
Acq: 23 May 2025 18:47

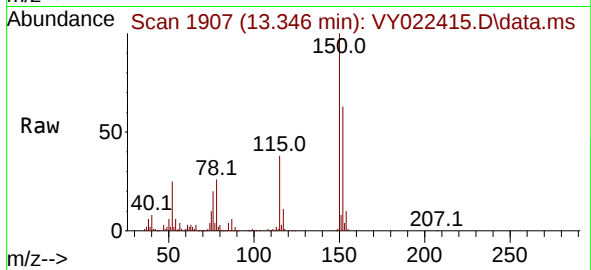
Tgt Ion:	117	Resp:	217309
Ion Ratio	Lower	Upper	
117	100		
82	54.2	46.6	70.0
119	30.7	25.8	38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022415.D
 Acq: 23 May 2025 18:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1



Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.4	88.2
150	155.9	0.0	353.8

