

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
 Data File : VY021637.D
 Acq On : 25 Mar 2025 15:46
 Operator : SY/MD
 Sample : Q1636-19
 Misc : 5.81g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-5-VOC

Quant Time: Mar 26 01:37:24 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)

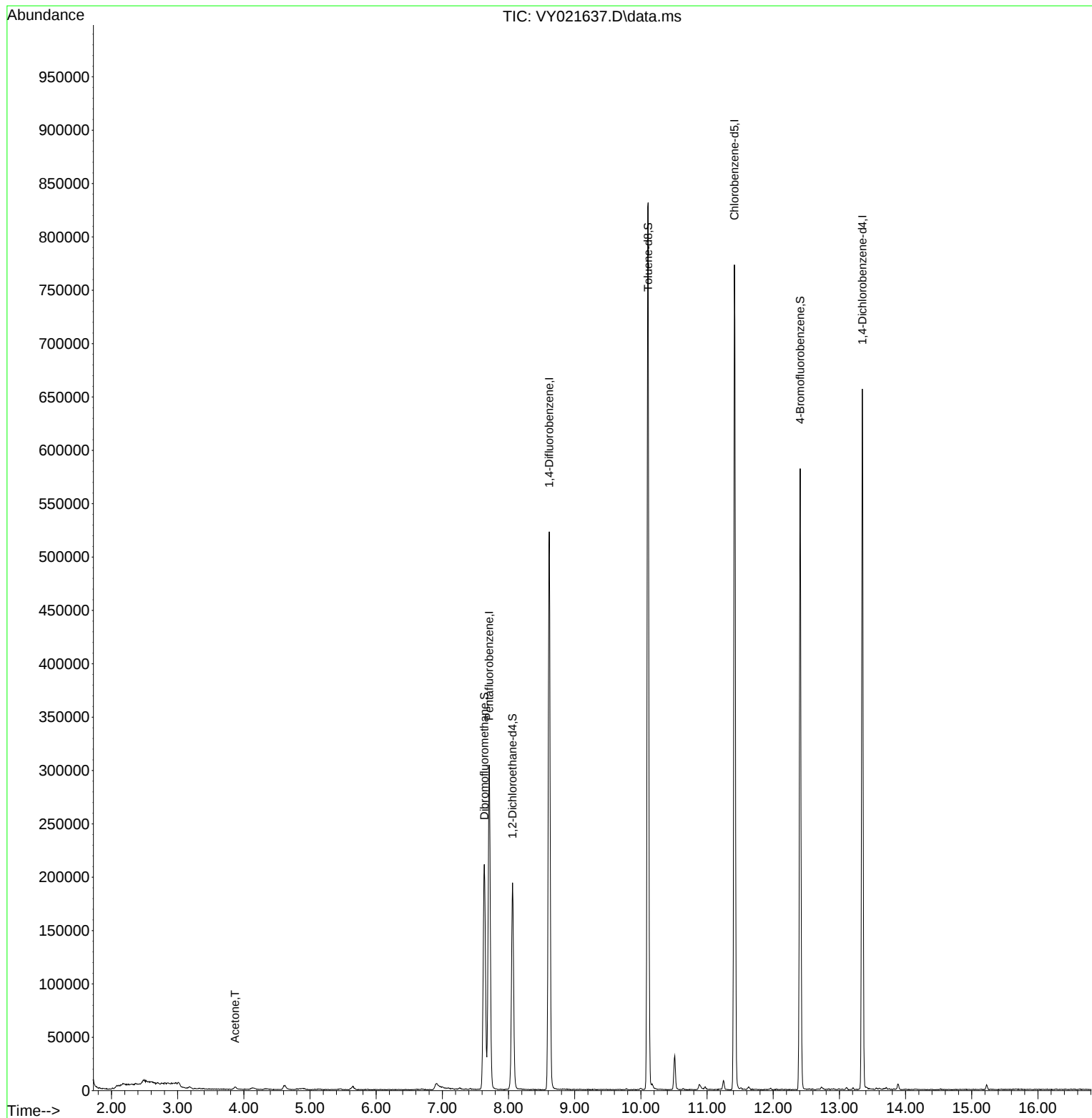
Internal Standards						
1) Pentafluorobenzene	7.707	168	226016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	432529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	402259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	157953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	150534	63.015	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.040%	
35) Dibromofluoromethane	7.634	113	148755	52.322	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.640%	
50) Toluene-d8	10.109	98	530493	49.280	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.560%	
62) 4-Bromofluorobenzene	12.408	95	165706	45.253	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.500%	
Target Compounds						Qvalue
16) Acetone	3.866	43	4114	7.896	ug/l	94

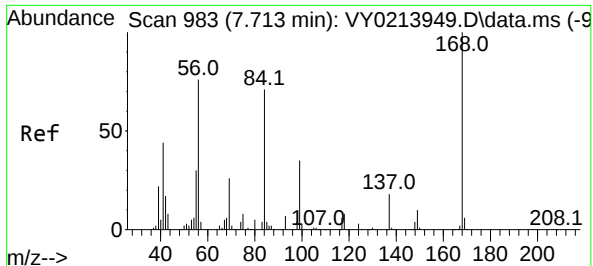
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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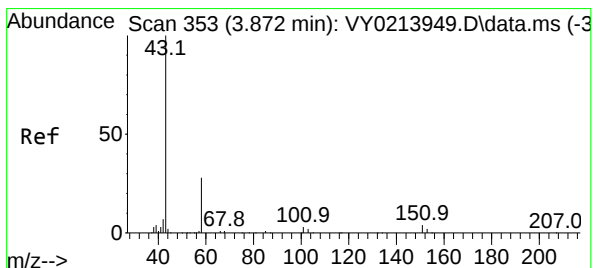
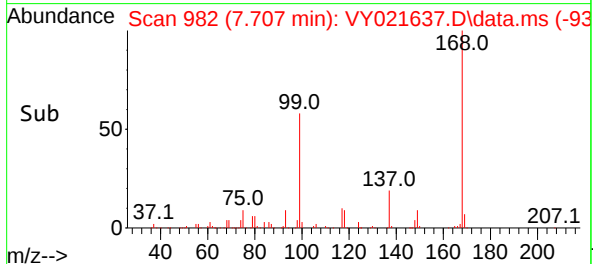
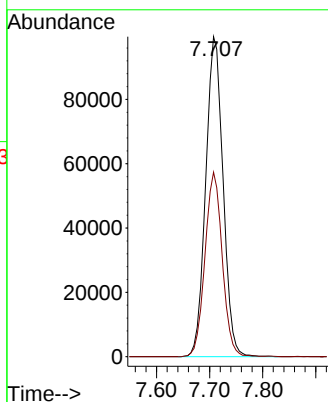
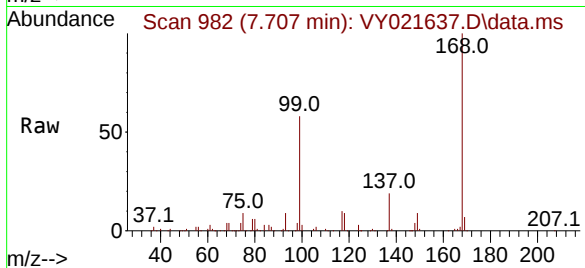




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021637.D
Acq: 25 Mar 2025 15:46

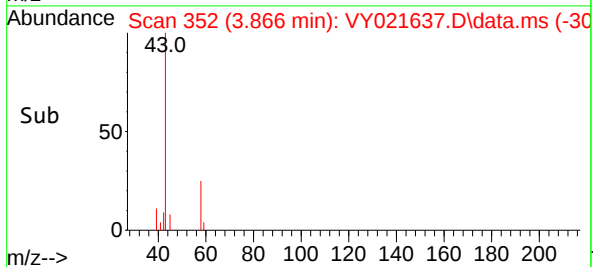
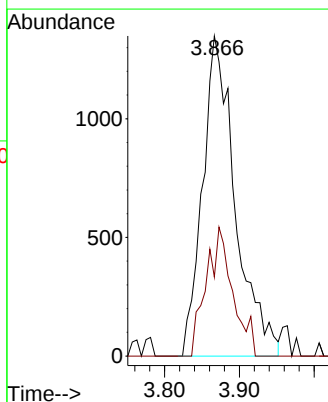
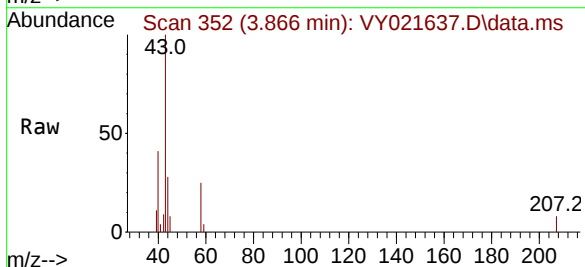
Instrument :
MSVOA_Y
ClientSampleId :
WC-5-VOC

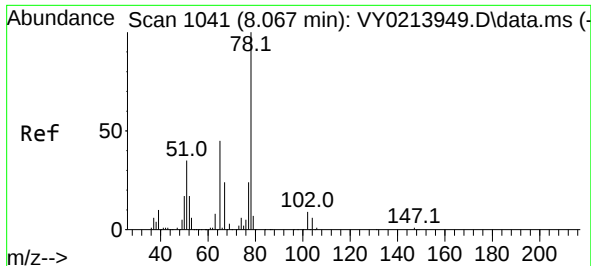
Tgt Ion:168 Resp: 226016
Ion Ratio Lower Upper
168 100
99 57.6 46.0 69.0



#16
Acetone
Concen: 7.896 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021637.D
Acq: 25 Mar 2025 15:46

Tgt Ion: 43 Resp: 4114
Ion Ratio Lower Upper
43 100
58 24.7 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 63.015 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021637.D

Acq: 25 Mar 2025 15:46

Instrument :

MSVOA_Y

ClientSampleId :

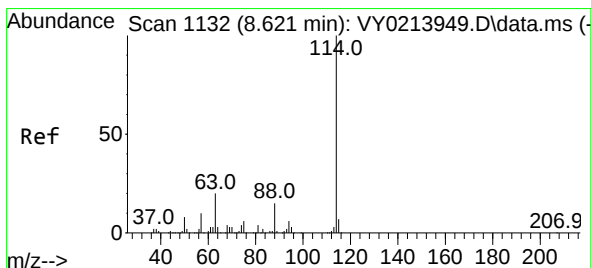
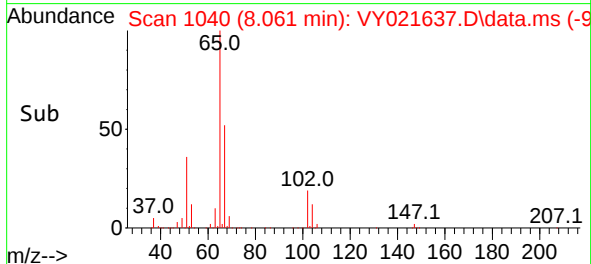
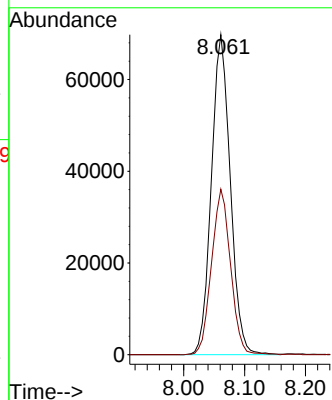
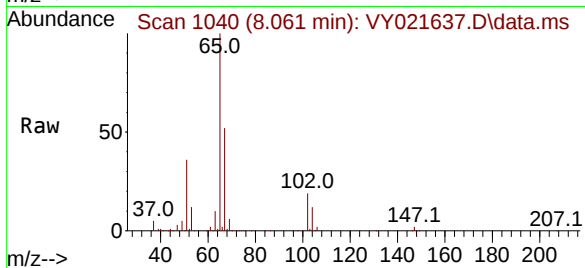
WC-5-VOC

Tgt Ion: 65 Resp: 150534

Ion Ratio Lower Upper

65 100

67 52.0 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: VY021637.D

Acq: 25 Mar 2025 15:46

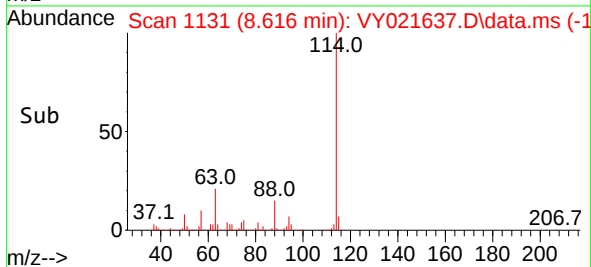
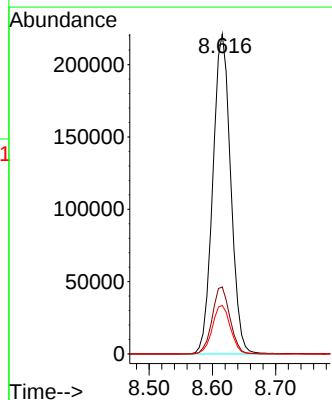
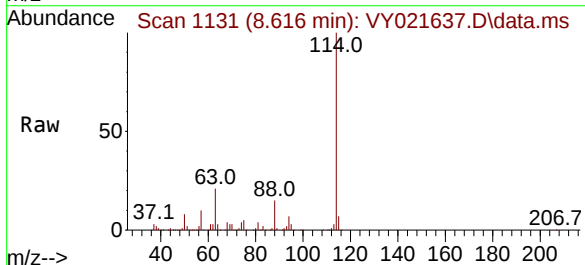
Tgt Ion: 114 Resp: 432529

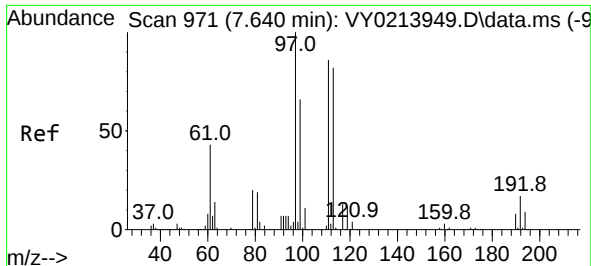
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

88 15.2 0.0 30.8



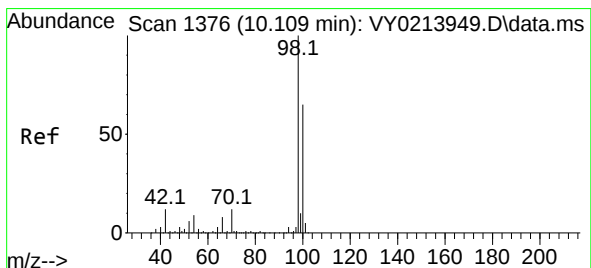
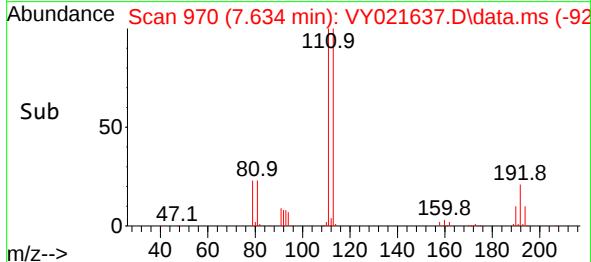
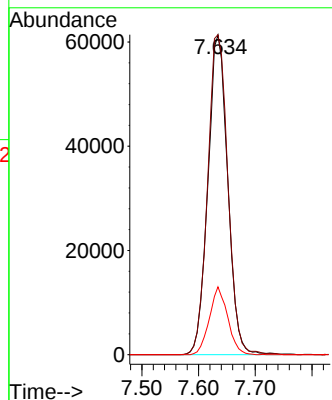
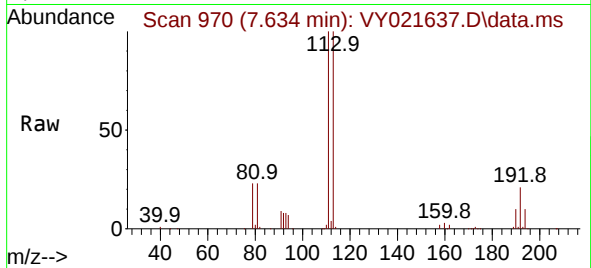


#35
 Dibromofluoromethane
 Concen: 52.322 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY021637.D
 Acq: 25 Mar 2025 15:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-5-VOC

Tgt Ion:113 Resp: 148755

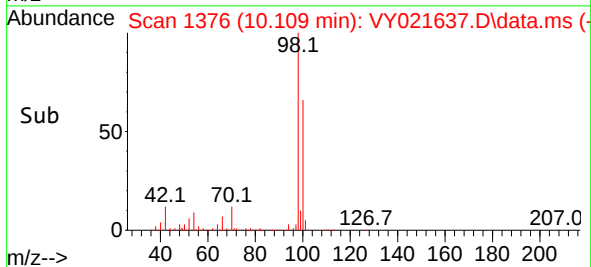
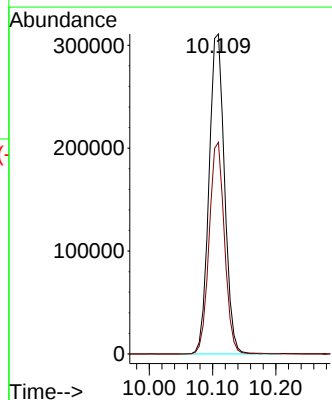
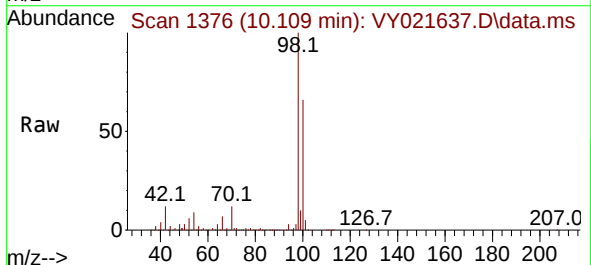
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.0	123.0
192	19.6	15.9	23.9

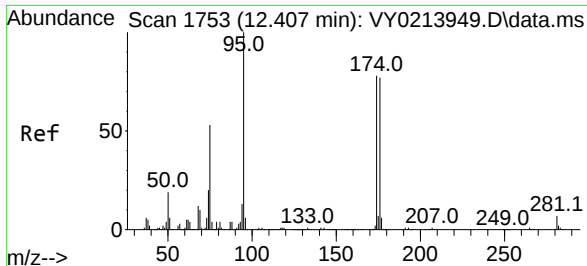


#50
 Toluene-d8
 Concen: 49.280 ug/l
 RT: 10.109 min Scan# 1376
 Delta R.T. 0.000 min
 Lab File: VY021637.D
 Acq: 25 Mar 2025 15:46

Tgt Ion: 98 Resp: 530493

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.1	78.1

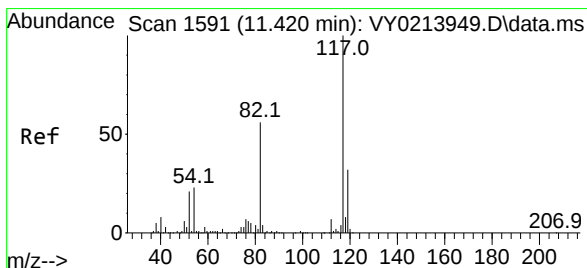
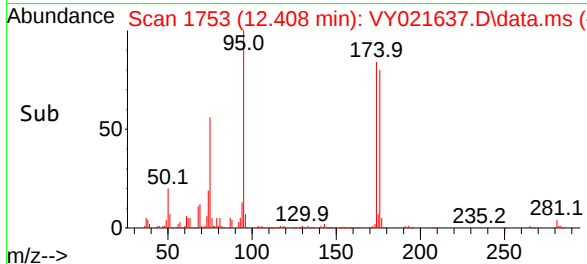
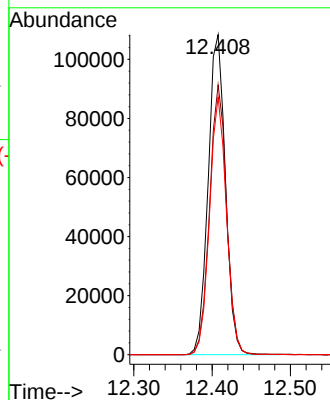
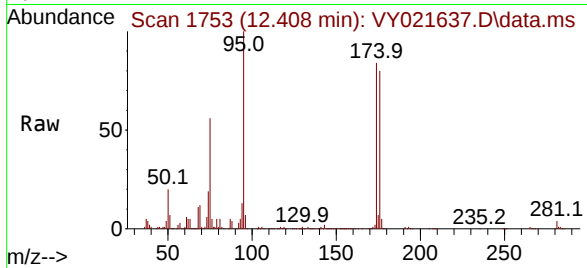




#62
4-Bromofluorobenzene
Concen: 45.253 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021637.D
Acq: 25 Mar 2025 15:46

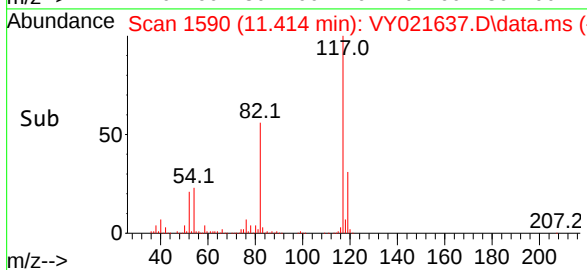
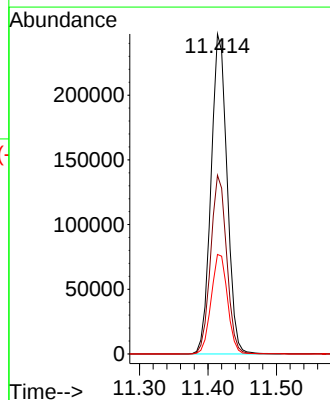
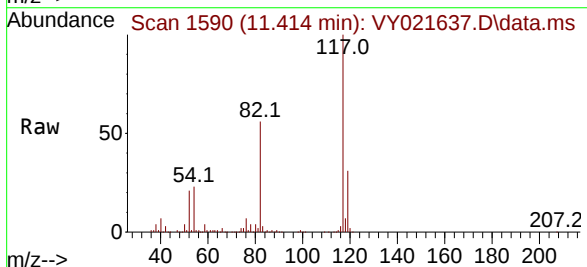
Instrument :
MSVOA_Y
ClientSampleId :
WC-5-VOC

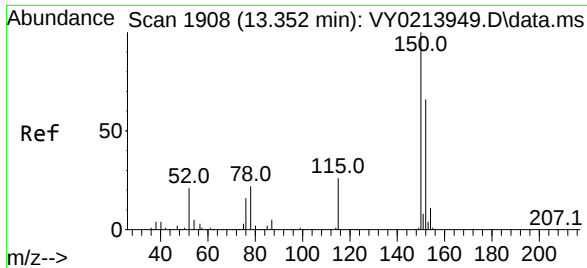
Tgt Ion: 95 Resp: 165706
Ion Ratio Lower Upper
95 100
174 83.3 0.0 165.0
176 78.9 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021637.D
Acq: 25 Mar 2025 15:46

Tgt Ion: 117 Resp: 402259
Ion Ratio Lower Upper
117 100
82 55.8 44.6 67.0
119 31.1 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: VY021637.D
 Acq: 25 Mar 2025 15:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-5-VOC

Tgt Ion:152 Resp: 157953
 Ion Ratio Lower Upper
 152 100
 115 59.4 29.0 87.0
 150 158.0 0.0 347.2

