

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051325\
 Data File : VY022239.D
 Acq On : 13 May 2025 13:39
 Operator : SY/MD
 Sample : Q1983-08
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-636-VOC-02

Quant Time: May 13 13:52:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

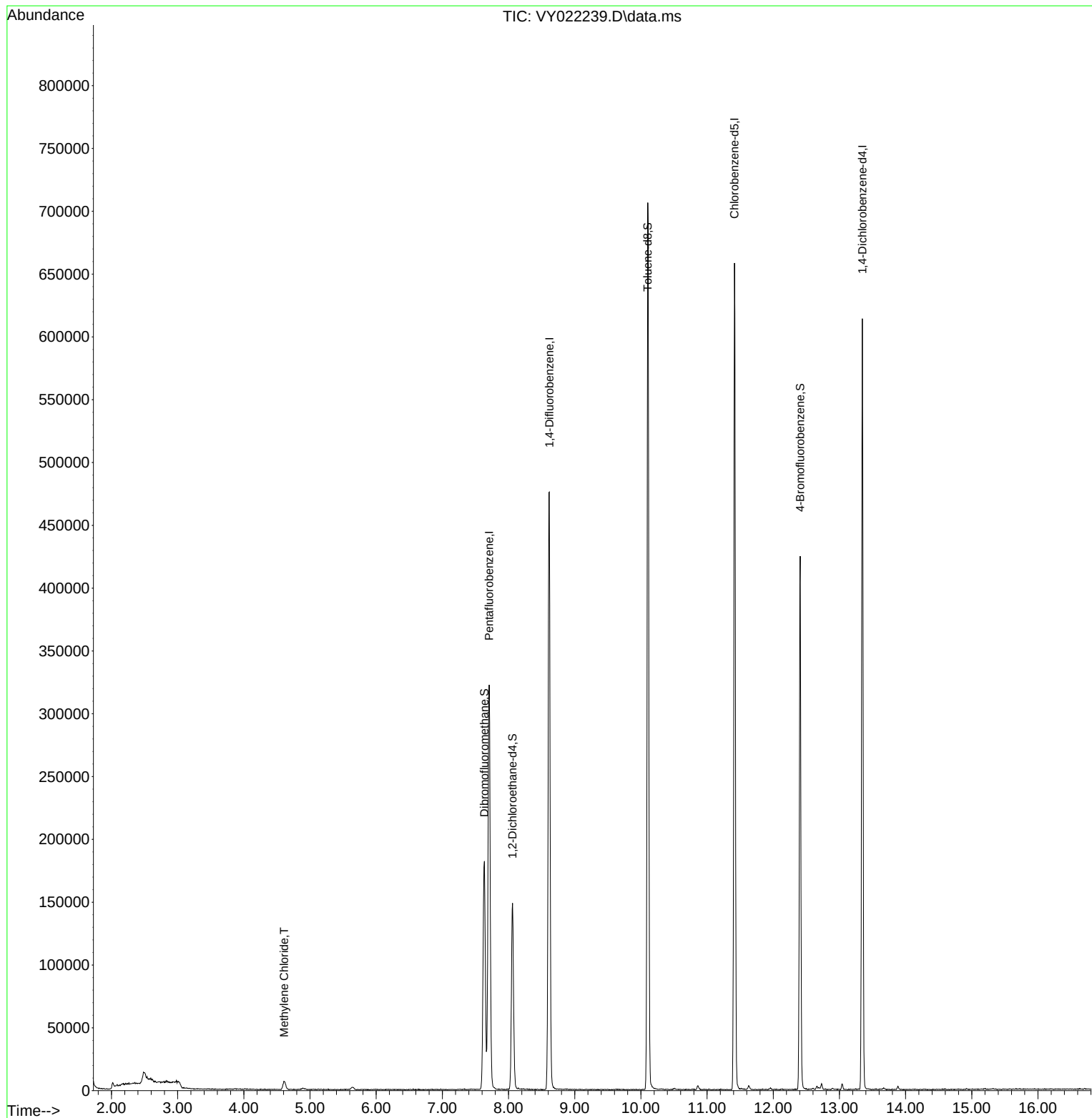
Internal Standards						
1) Pentafluorobenzene	7.707	168	256363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	432641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	367329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	157683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	117005	49.411	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.820%
35) Dibromofluoromethane	7.634	113	130871	45.787	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.580%
50) Toluene-d8	10.103	98	470902	43.701	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.400%
62) 4-Bromofluorobenzene	12.408	95	131438	36.234	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.460%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.610	84	5248	1.753	ug/l	94

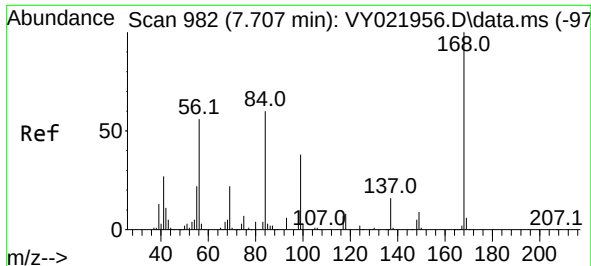
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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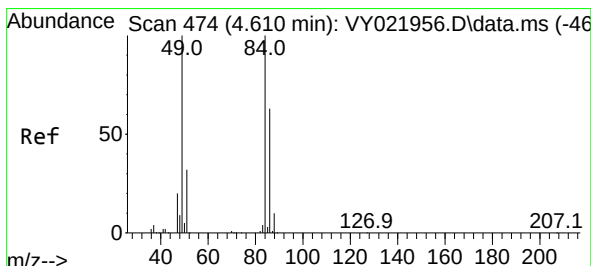
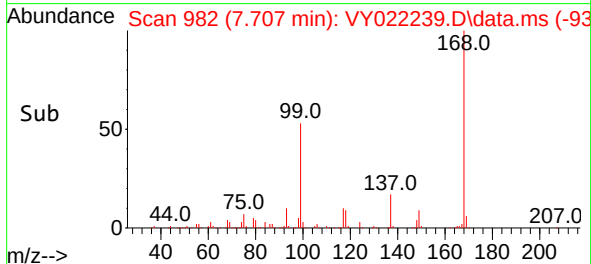
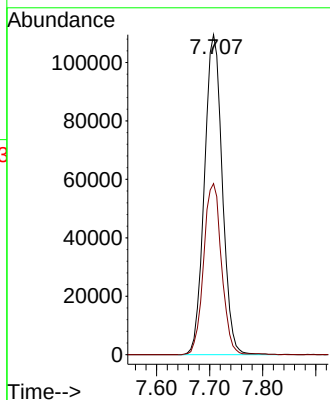
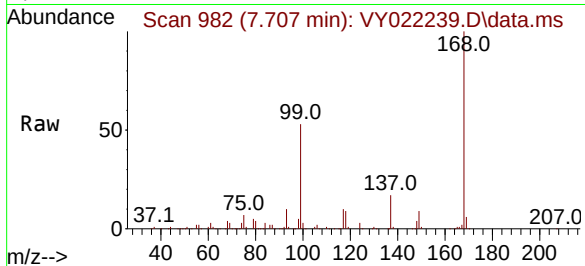




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022239.D
Acq: 13 May 2025 13:39

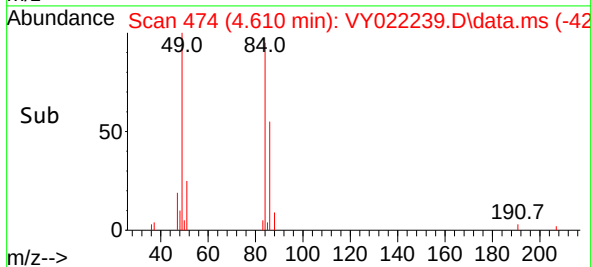
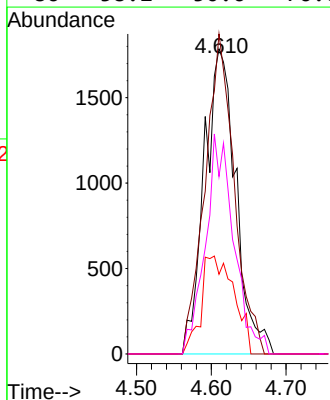
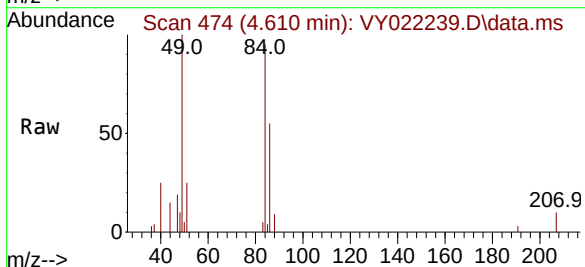
Instrument :
MSVOA_Y
ClientSampleId :
OR-636-VOC-02

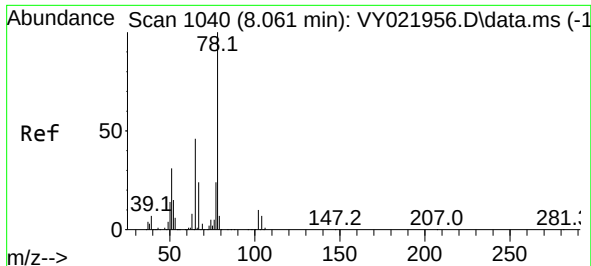
Tgt Ion:168 Resp: 256363
Ion Ratio Lower Upper
168 100
99 53.5 43.1 64.7



#20
Methylene Chloride
Concen: 1.753 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY022239.D
Acq: 13 May 2025 13:39

Tgt Ion: 84 Resp: 5248
Ion Ratio Lower Upper
84 100
49 104.9 79.9 119.9
51 26.1 25.4 38.0
86 58.2 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 49.411 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.000 min

Lab File: VY022239.D

Acq: 13 May 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :

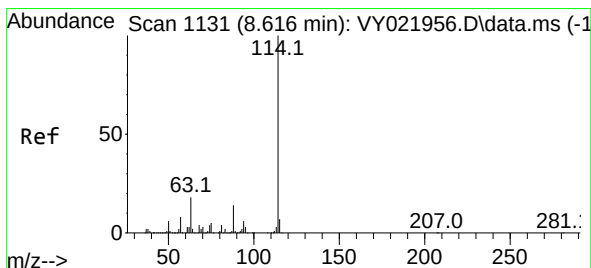
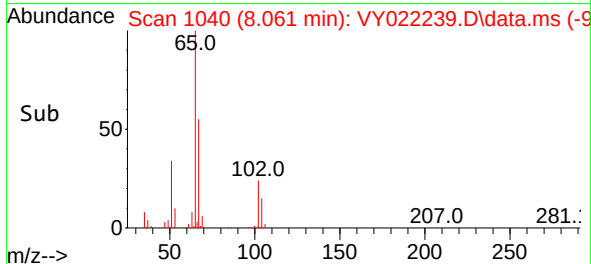
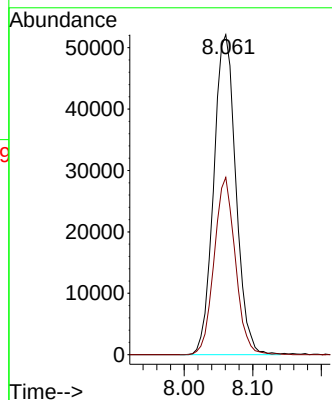
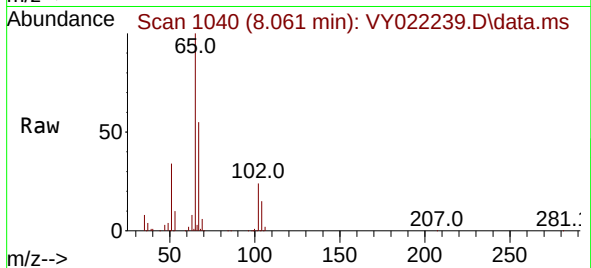
OR-636-VOC-02

Tgt Ion: 65 Resp: 117005

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022239.D

Acq: 13 May 2025 13:39

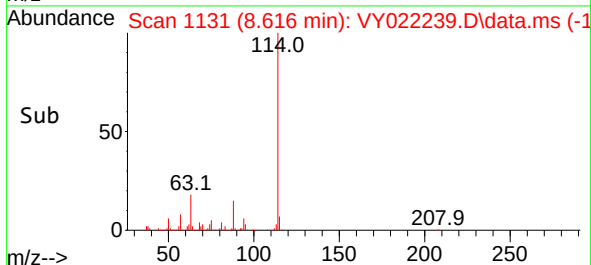
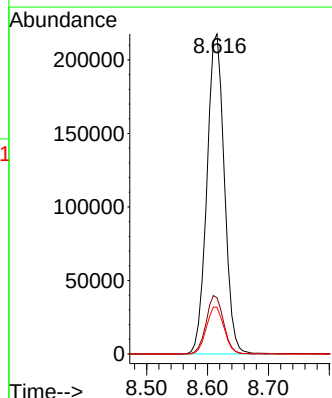
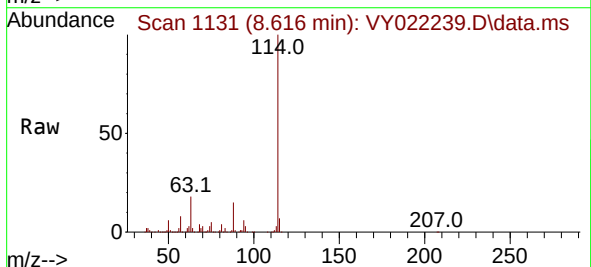
Tgt Ion: 114 Resp: 432641

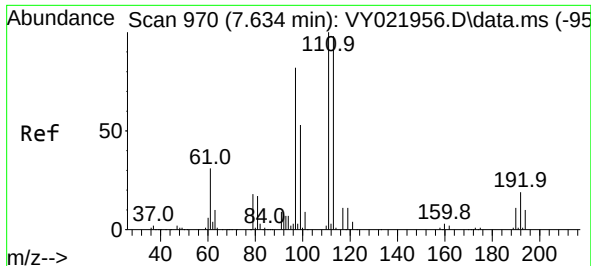
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.4

88 14.6 0.0 28.2

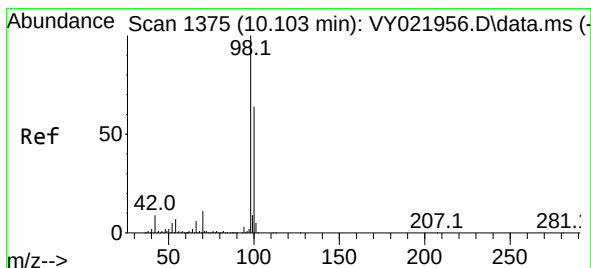
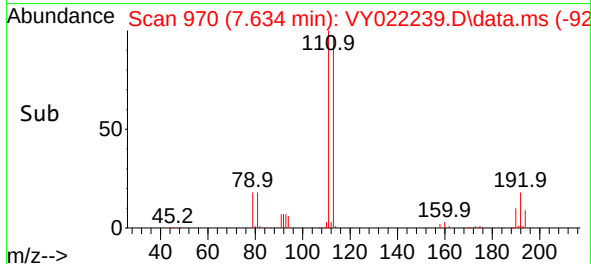
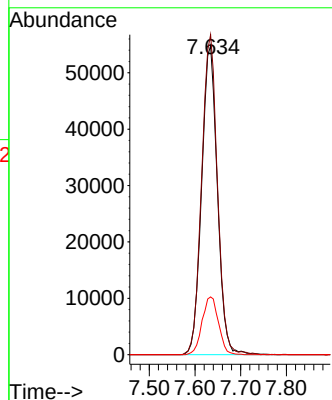
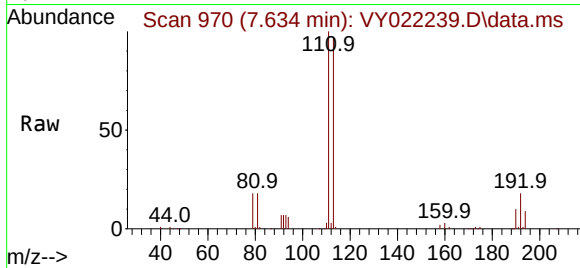




#35
Dibromofluoromethane
Concen: 45.787 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022239.D
Acq: 13 May 2025 13:39

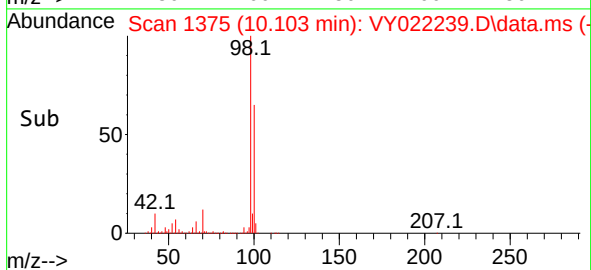
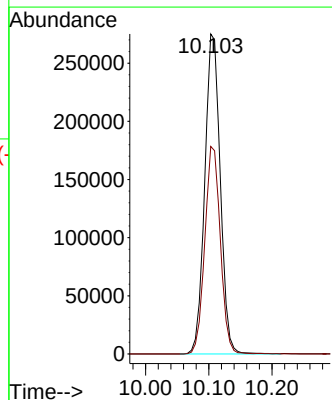
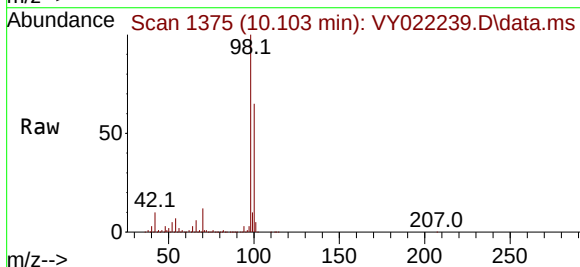
Instrument :
MSVOA_Y
ClientSampleId :
OR-636-VOC-02

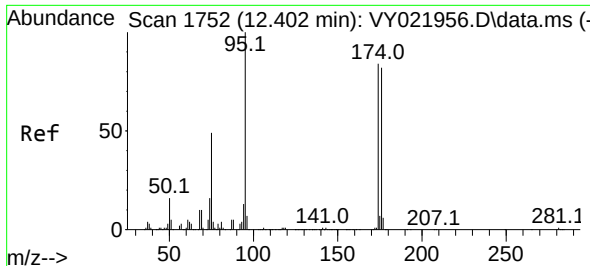
Tgt Ion:113 Resp: 130871
Ion Ratio Lower Upper
113 100
111 103.9 81.8 122.8
192 19.5 15.6 23.4



#50
Toluene-d8
Concen: 43.701 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY022239.D
Acq: 13 May 2025 13:39

Tgt Ion: 98 Resp: 470902
Ion Ratio Lower Upper
98 100
100 65.0 51.6 77.4

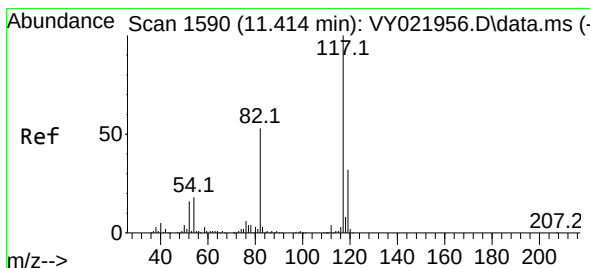
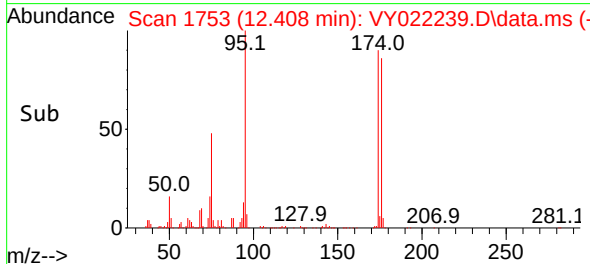
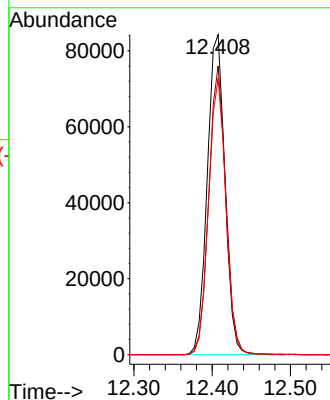
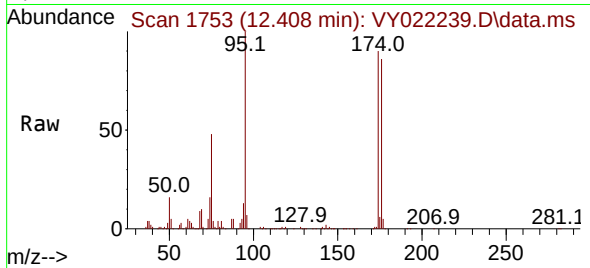




#62
4-Bromofluorobenzene
Concen: 36.234 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022239.D
Acq: 13 May 2025 13:39

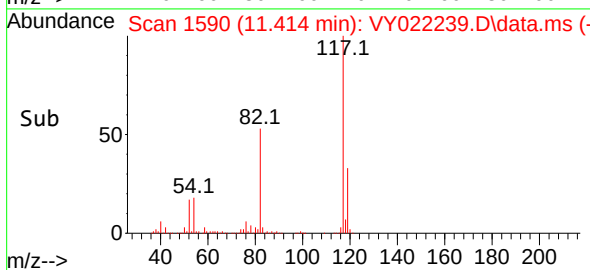
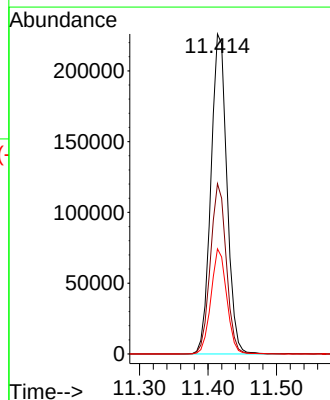
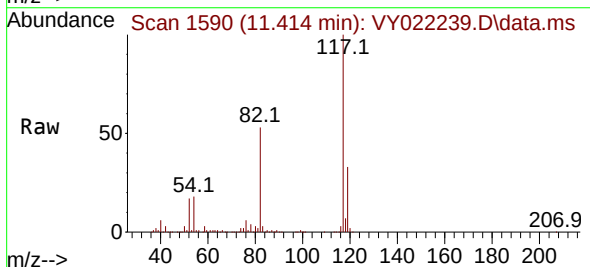
Instrument :
MSVOA_Y
ClientSampleId :
OR-636-VOC-02

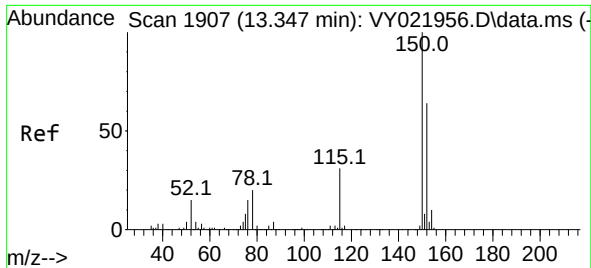
Tgt Ion: 95 Resp: 131438
Ion Ratio Lower Upper
95 100
174 87.8 0.0 179.0
176 84.6 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022239.D
Acq: 13 May 2025 13:39

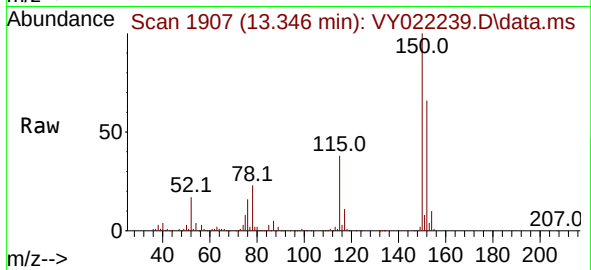
Tgt Ion: 117 Resp: 367329
Ion Ratio Lower Upper
117 100
82 53.2 42.1 63.1
119 32.8 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022239.D
 Acq: 13 May 2025 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-636-VOC-02



Tgt Ion:	152	Resp:	157683
Ion Ratio	Lower	Upper	
152	100		
115	56.8	28.0	84.0
150	156.8	0.0	345.6

