

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051325\
 Data File : VY022243.D
 Acq On : 13 May 2025 15:12
 Operator : SY/MD
 Sample : Q1983-32
 Misc : 5.69g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-636-VOC-06

Quant Time: May 13 15:47:35 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)

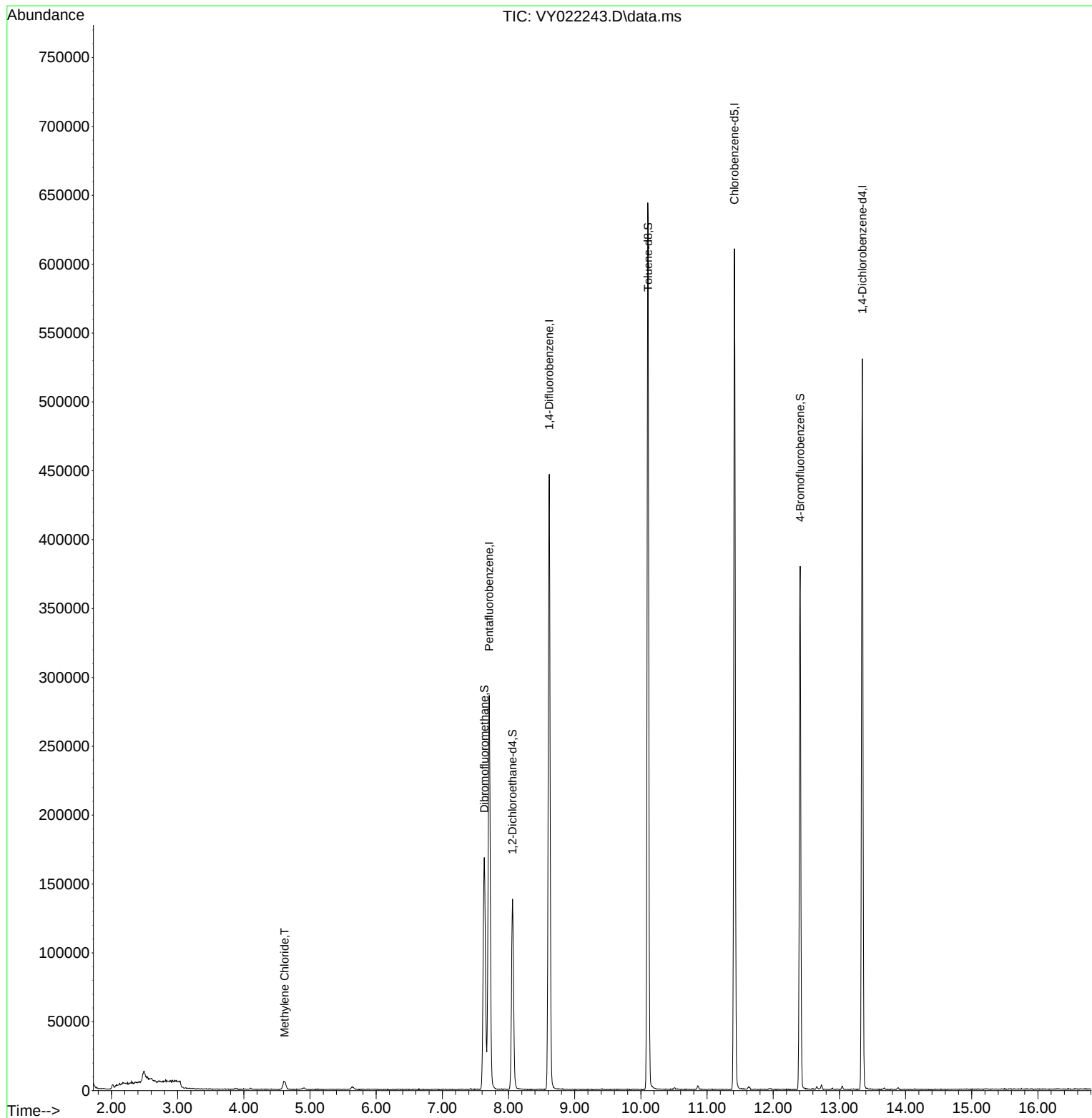
Internal Standards						
1) Pentafluorobenzene	7.707	168	222110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	388504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	331814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	139752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	106808	52.061	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.120%
35) Dibromofluoromethane	7.634	113	121367	47.286	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.580%
50) Toluene-d8	10.109	98	435897	45.048	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.100%
62) 4-Bromofluorobenzene	12.408	95	117496	36.070	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.140%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.616	84	4853	1.871	ug/l #	90

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

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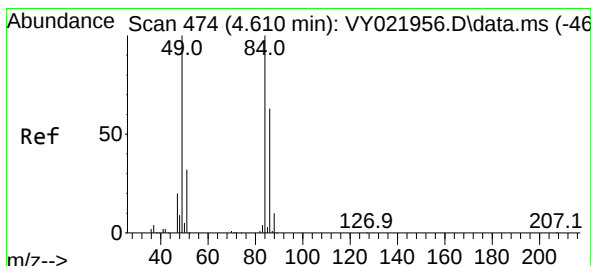
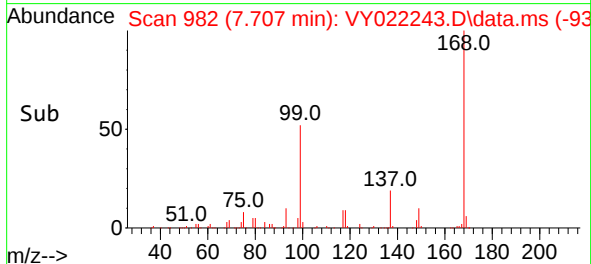
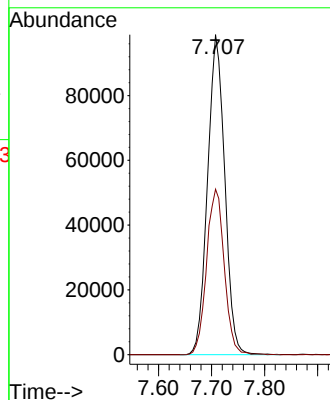
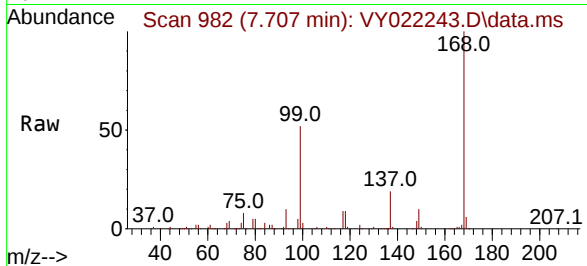




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022243.D
Acq: 13 May 2025 15:12

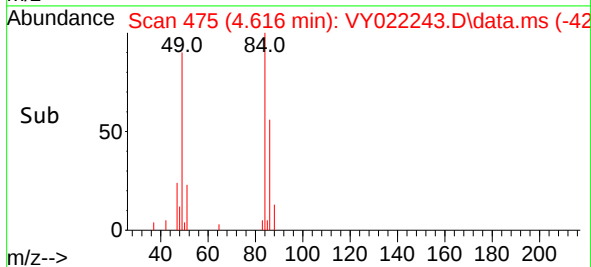
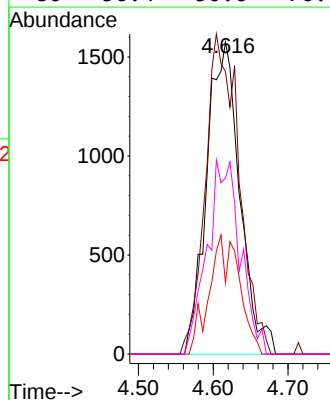
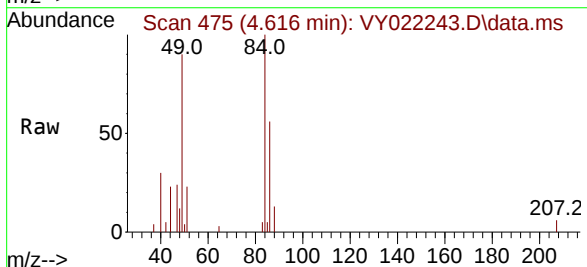
Instrument :
MSVOA_Y
ClientSampleId :
OR-636-VOC-06

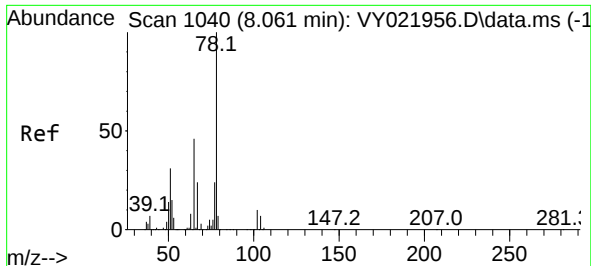
Tgt Ion:168 Resp: 222110
Ion Ratio Lower Upper
168 100
99 51.7 43.1 64.7



#20
Methylene Chloride
Concen: 1.871 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY022243.D
Acq: 13 May 2025 15:12

Tgt Ion: 84 Resp: 4853
Ion Ratio Lower Upper
84 100
49 90.5 79.9 119.9
51 22.8 25.4 38.0#
86 56.4 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 52.061 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.000 min

Lab File: VY022243.D

Acq: 13 May 2025 15:12

Instrument :

MSVOA_Y

ClientSampleId :

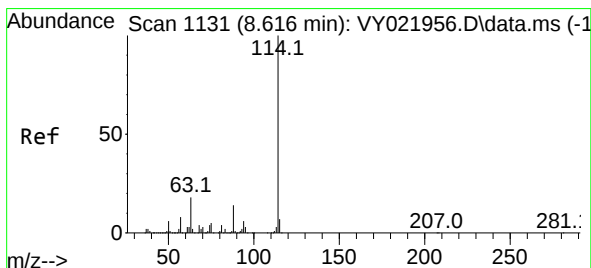
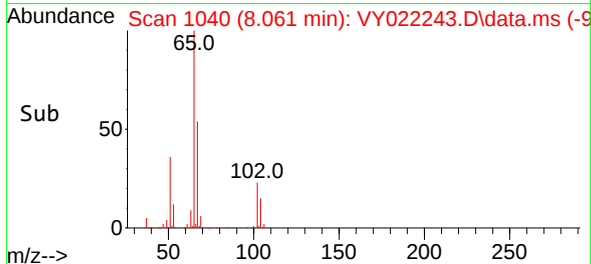
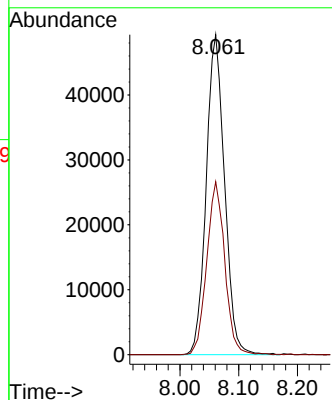
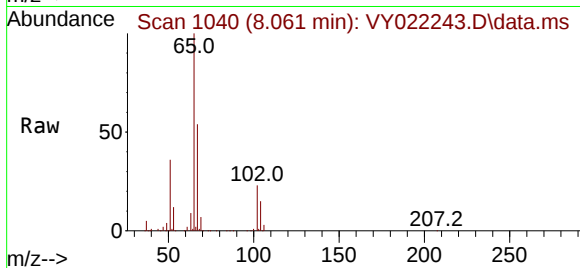
OR-636-VOC-06

Tgt Ion: 65 Resp: 106808

Ion Ratio Lower Upper

65 100

67 53.2 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: VY022243.D

Acq: 13 May 2025 15:12

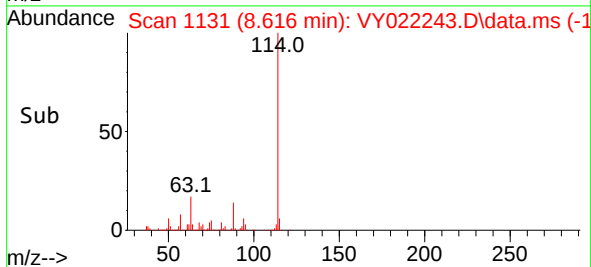
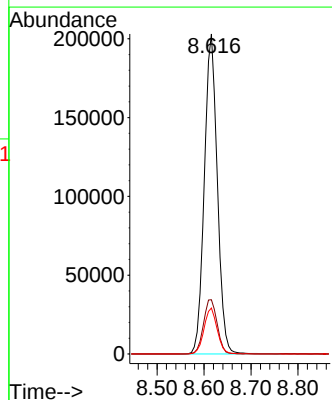
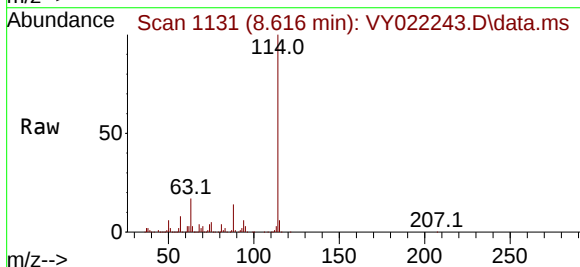
Tgt Ion: 114 Resp: 388504

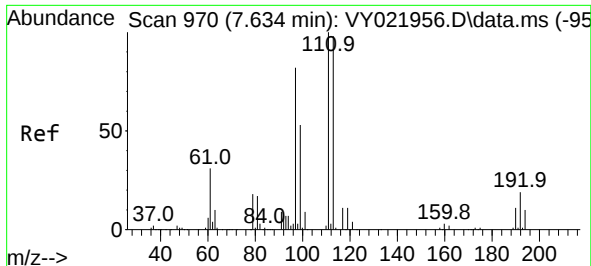
Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.4

88 14.4 0.0 28.2

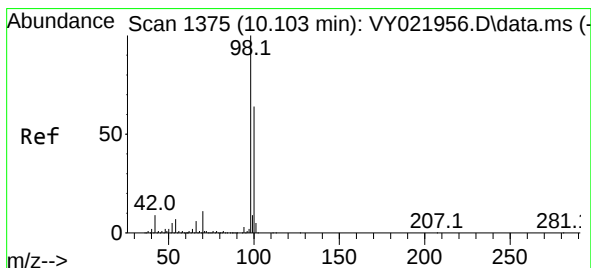
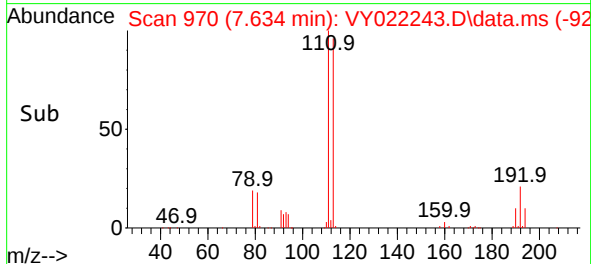
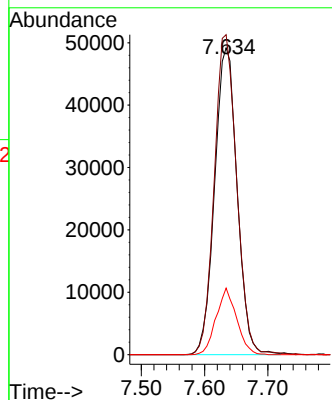
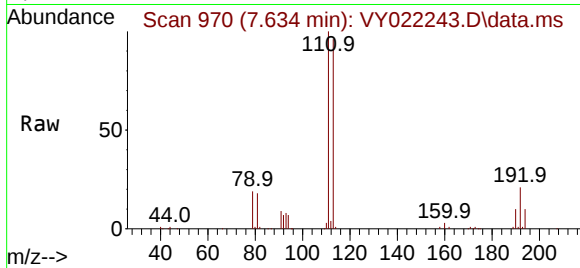




#35
Dibromofluoromethane
Concen: 47.286 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022243.D
Acq: 13 May 2025 15:12

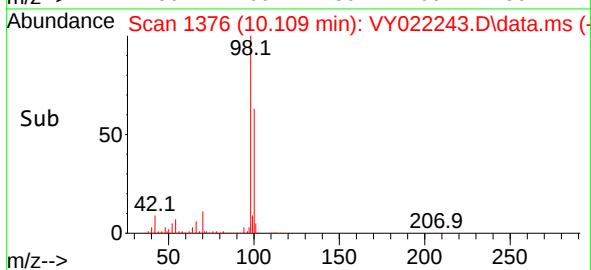
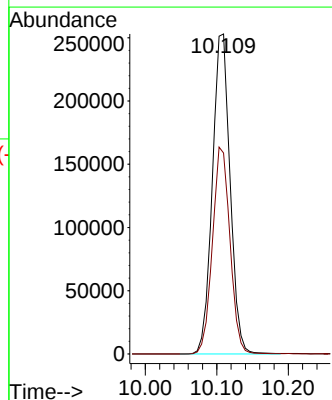
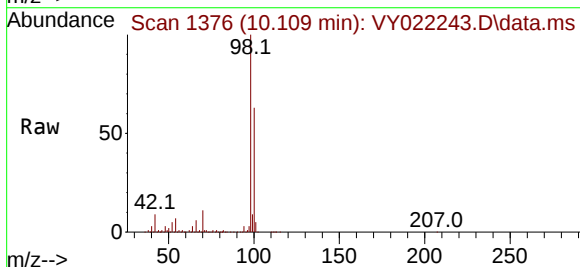
Instrument :
MSVOA_Y
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OR-636-VOC-06

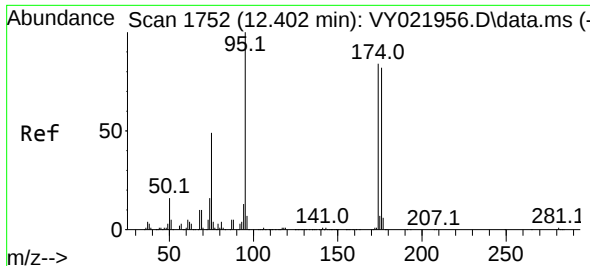
Tgt Ion:113 Resp: 121367
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.8
192 19.8 15.6 23.4



#50
Toluene-d8
Concen: 45.048 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022243.D
Acq: 13 May 2025 15:12

Tgt Ion: 98 Resp: 435897
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4

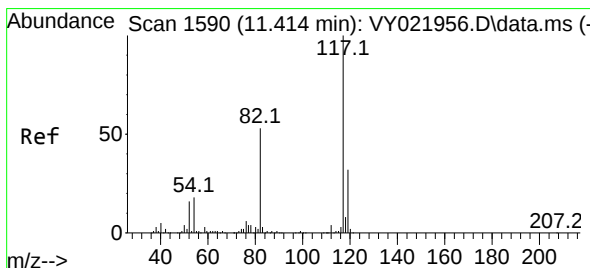
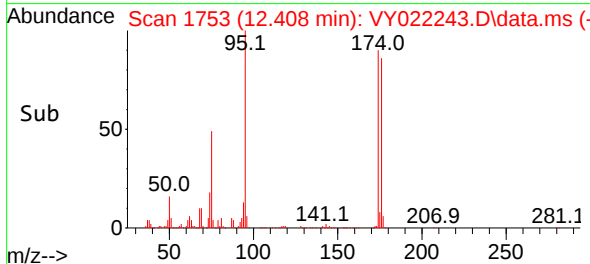
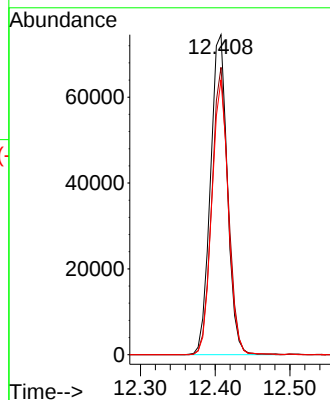
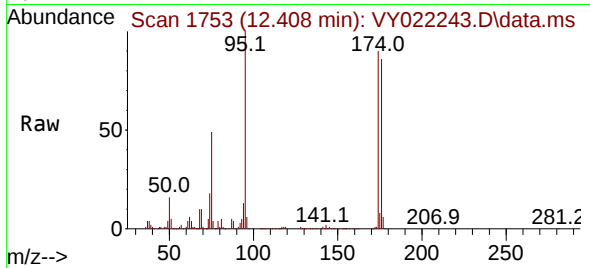




#62
4-Bromofluorobenzene
Concen: 36.070 ug/l
RT: 12.408 min Scan# 117496
Delta R.T. 0.006 min
Lab File: VY022243.D
Acq: 13 May 2025 15:12

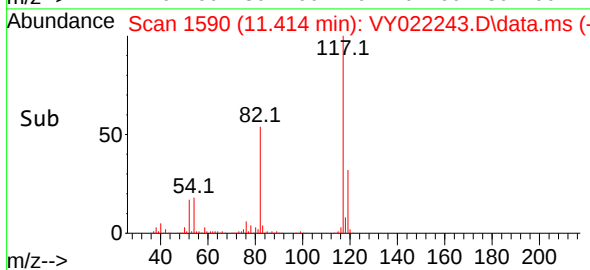
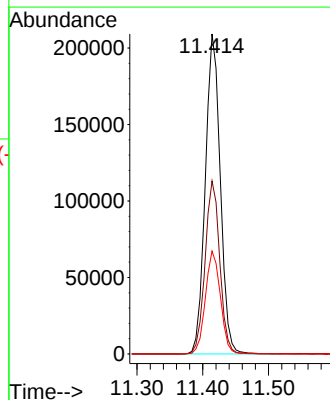
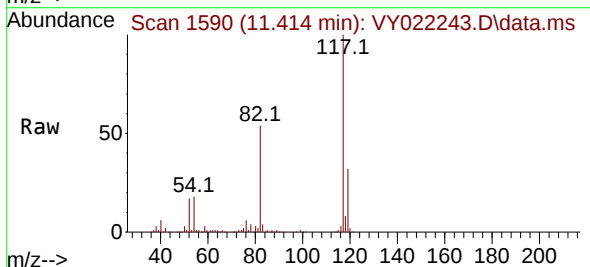
Instrument :
MSVOA_Y
ClientSampleId :
OR-636-VOC-06

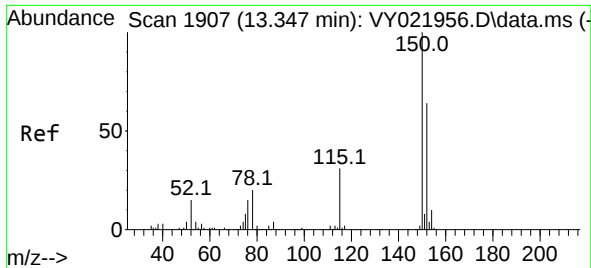
Tgt Ion: 95 Resp: 117496
Ion Ratio Lower Upper
95 100
174 87.4 0.0 179.0
176 83.8 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022243.D
Acq: 13 May 2025 15:12

Tgt Ion: 117 Resp: 331814
Ion Ratio Lower Upper
117 100
82 54.1 42.1 63.1
119 32.2 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022243.D

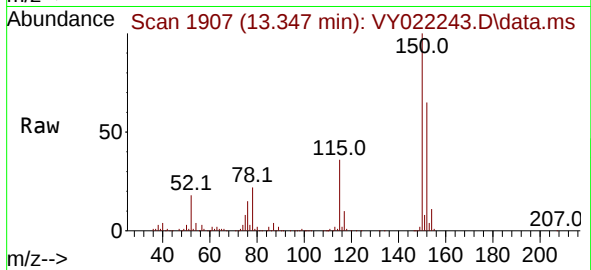
Acq: 13 May 2025 15:12

Instrument :

MSVOA_Y

ClientSampleId :

OR-636-VOC-06



Tgt Ion:152 Resp: 139752

Ion Ratio Lower Upper

152 100

115 56.4 28.0 84.0

150 156.0 0.0 345.6

