

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051325\
 Data File : VY022242.D
 Acq On : 13 May 2025 14:49
 Operator : SY/MD
 Sample : Q1983-26RE
 Misc : 5.47g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-636-VOC-05RE

Quant Time: May 13 15:44:58 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)

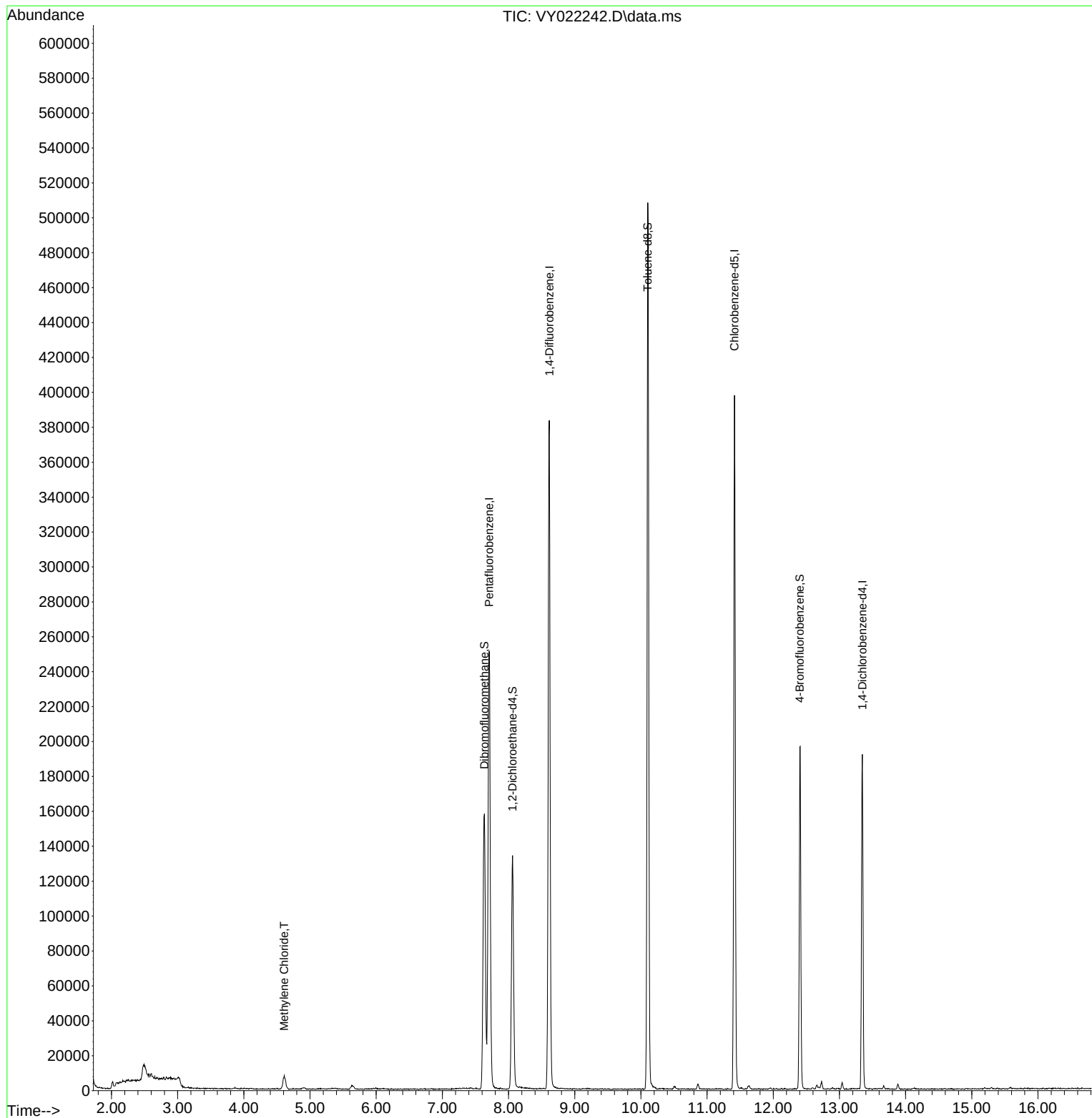
Internal Standards						
1) Pentafluorobenzene	7.707	168	199038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	340018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	221849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	52293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	105838	57.568	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.140%
35) Dibromofluoromethane	7.634	113	117411	52.268	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.540%
50) Toluene-d8	10.103	98	343849	40.602	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.200%
62) 4-Bromofluorobenzene	12.402	95	62115	21.788	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	43.580%
Target Compounds						
20) Methylene Chloride	4.610	84	6030	2.594	ug/l	Qvalue 96

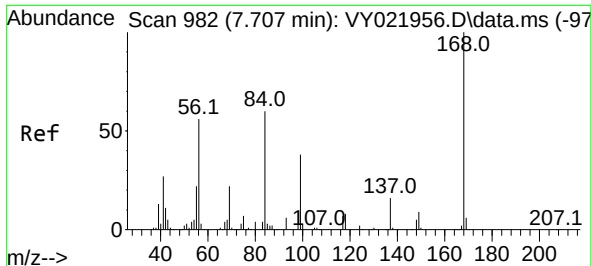
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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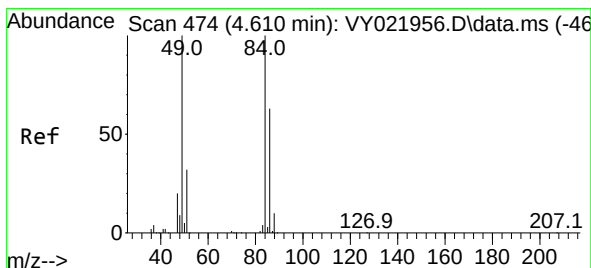
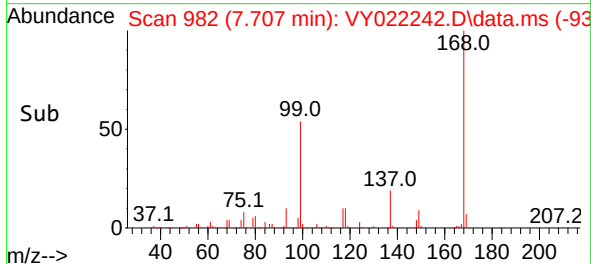
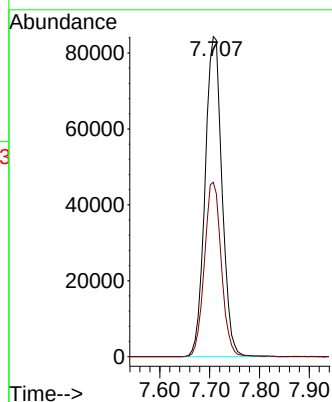
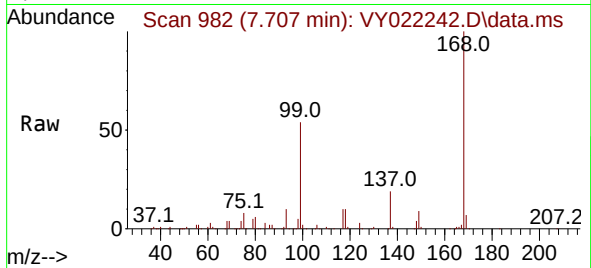




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022242.D
Acq: 13 May 2025 14:49

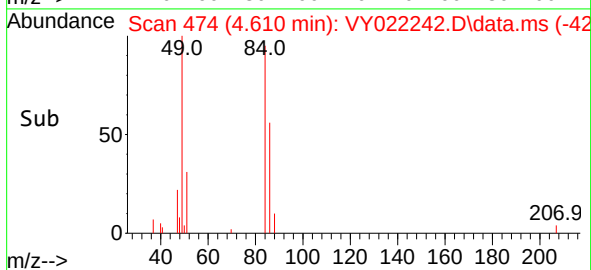
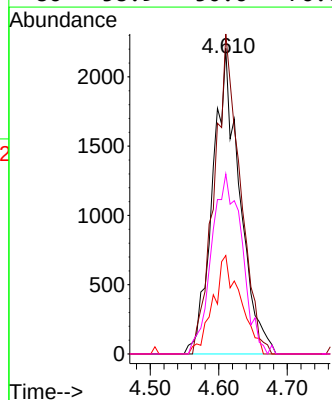
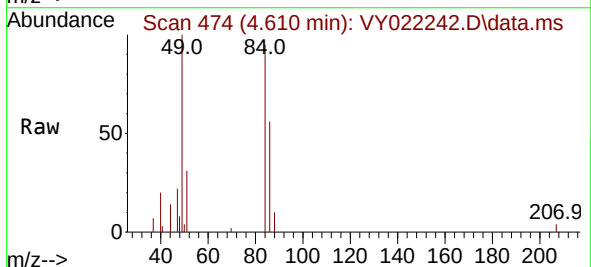
Instrument :
MSVOA_Y
ClientSampleId :
OR-636-VOC-05RE

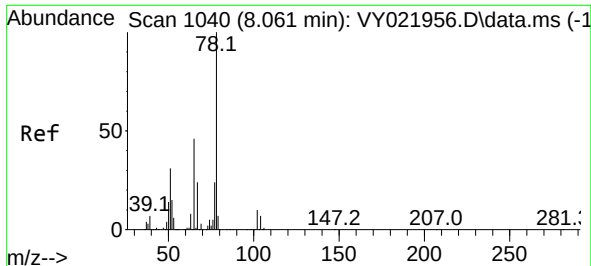
Tgt Ion:168 Resp: 199038
Ion Ratio Lower Upper
168 100
99 54.5 43.1 64.7



#20
Methylene Chloride
Concen: 2.594 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY022242.D
Acq: 13 May 2025 14:49

Tgt Ion: 84 Resp: 6030
Ion Ratio Lower Upper
84 100
49 104.7 79.9 119.9
51 32.2 25.4 38.0
86 58.9 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 57.568 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY022242.D

Acq: 13 May 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

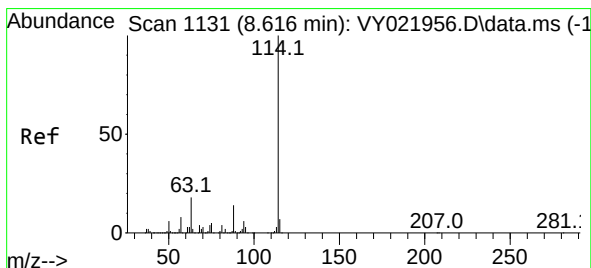
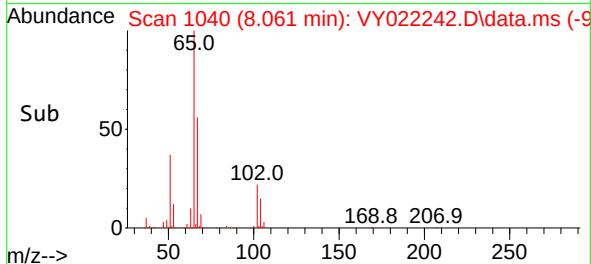
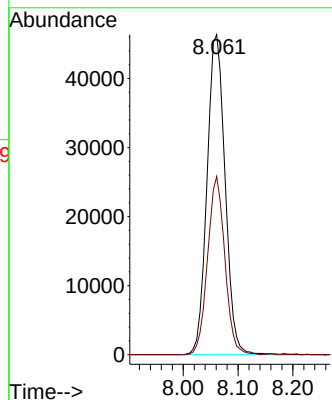
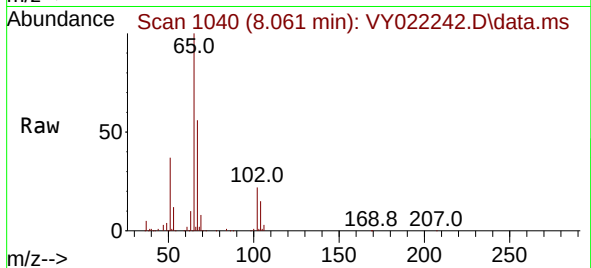
OR-636-VOC-05RE

Tgt Ion: 65 Resp: 105838

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: VY022242.D

Acq: 13 May 2025 14:49

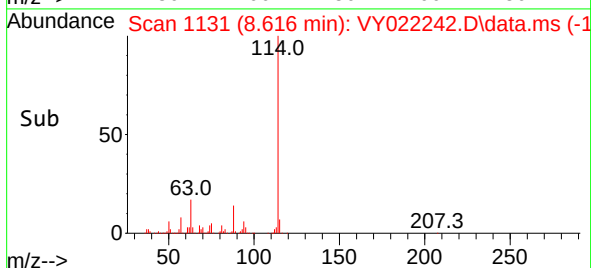
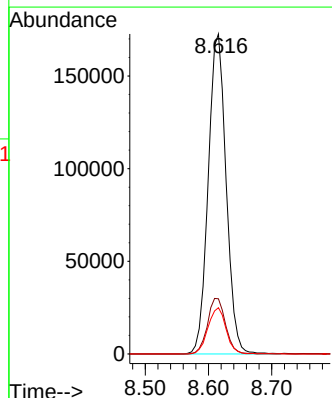
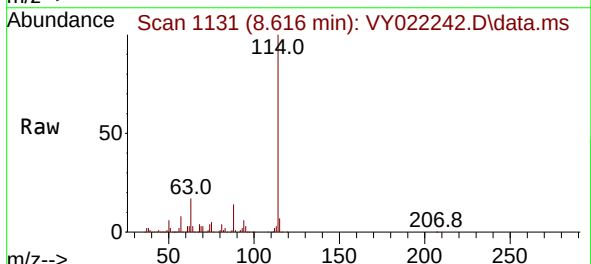
Tgt Ion: 114 Resp: 340018

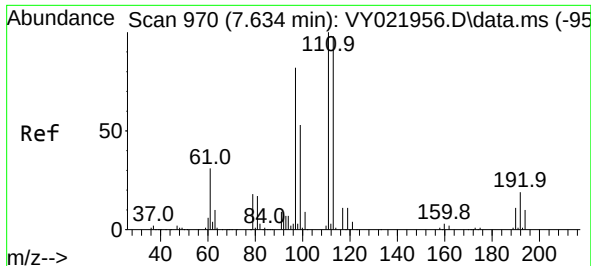
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.4

88 14.5 0.0 28.2

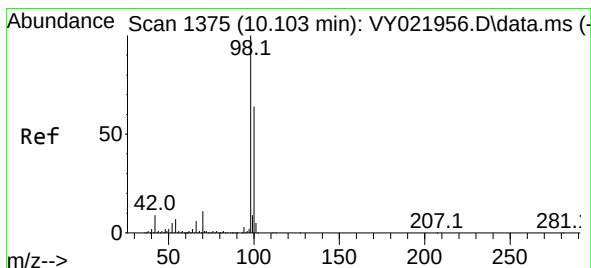
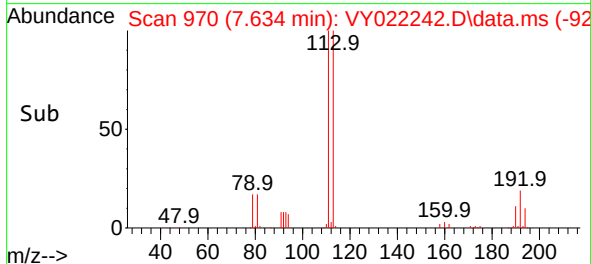
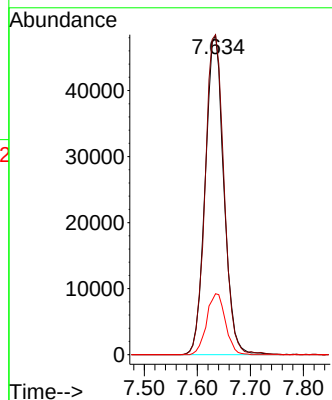
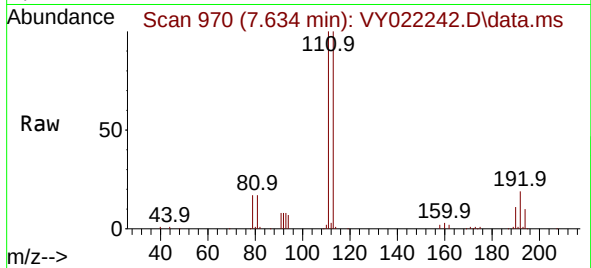




#35
Dibromofluoromethane
Concen: 52.268 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022242.D
Acq: 13 May 2025 14:49

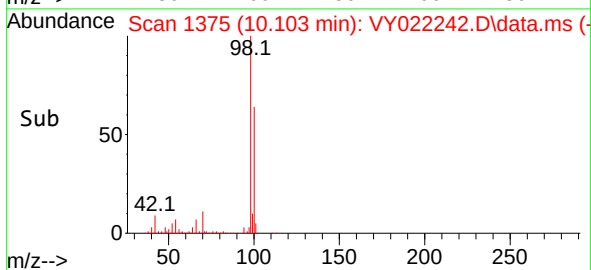
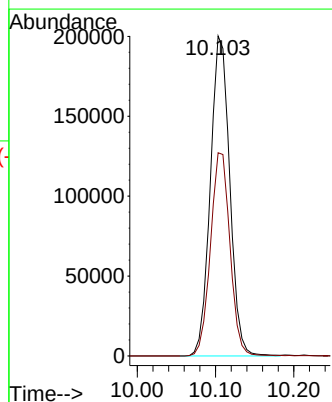
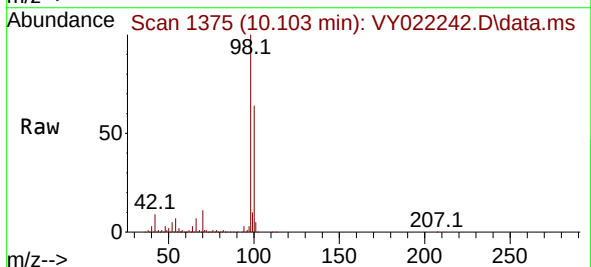
Instrument :
MSVOA_Y
ClientSampleId :
OR-636-VOC-05RE

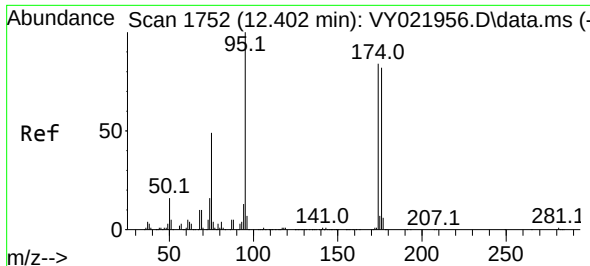
Tgt Ion:113 Resp: 117411
Ion Ratio Lower Upper
113 100
111 101.5 81.8 122.8
192 19.3 15.6 23.4



#50
Toluene-d8
Concen: 40.602 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY022242.D
Acq: 13 May 2025 14:49

Tgt Ion: 98 Resp: 343849
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4

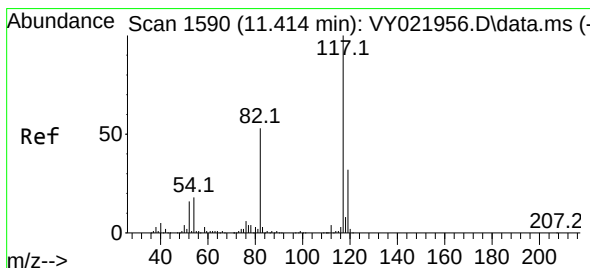
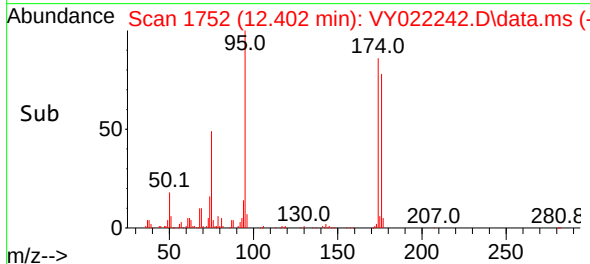
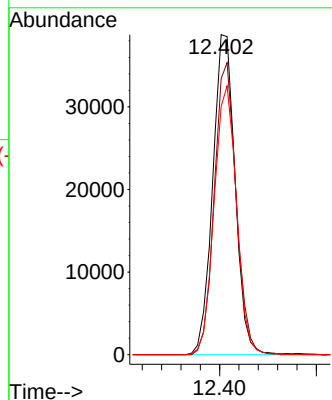
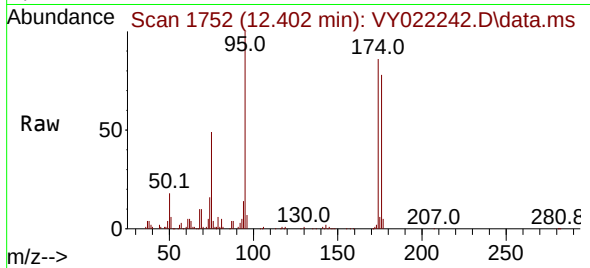




#62
4-Bromofluorobenzene
Concen: 21.788 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022242.D
Acq: 13 May 2025 14:49

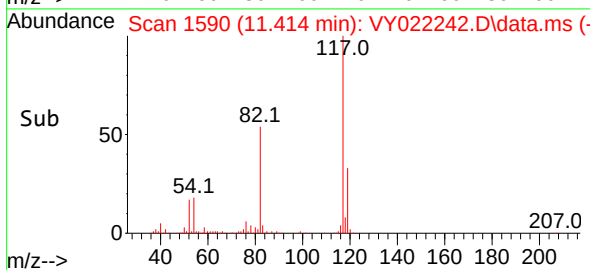
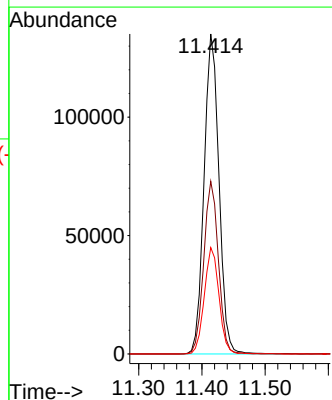
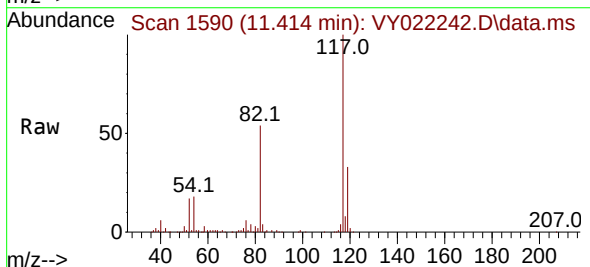
Instrument :
MSVOA_Y
ClientSampleId :
OR-636-VOC-05RE

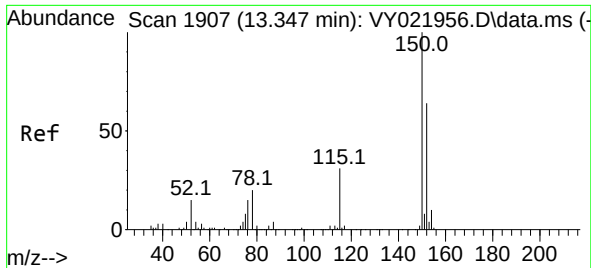
Tgt Ion: 95 Resp: 62115
Ion Ratio Lower Upper
95 100
174 89.2 0.0 179.0
176 84.0 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY022242.D
Acq: 13 May 2025 14:49

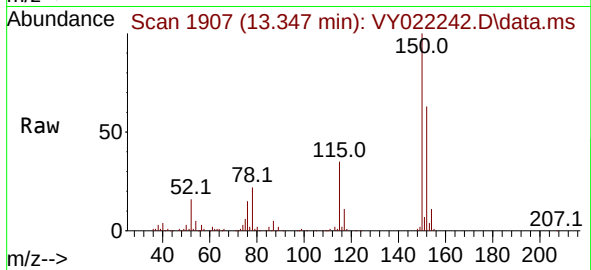
Tgt Ion: 117 Resp: 221849
Ion Ratio Lower Upper
117 100
82 54.0 42.1 63.1
119 33.2 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY022242.D
 Acq: 13 May 2025 14:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-636-VOC-05RE



Tgt Ion:	152	Resp:	52293
Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.0	84.0
150	156.9	0.0	345.6

