

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
 Data File : VY021351.D
 Acq On : 27 Feb 2025 12:28
 Operator : SY/MD
 Sample : Q1442-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 351

Quant Time: Feb 28 00:41:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

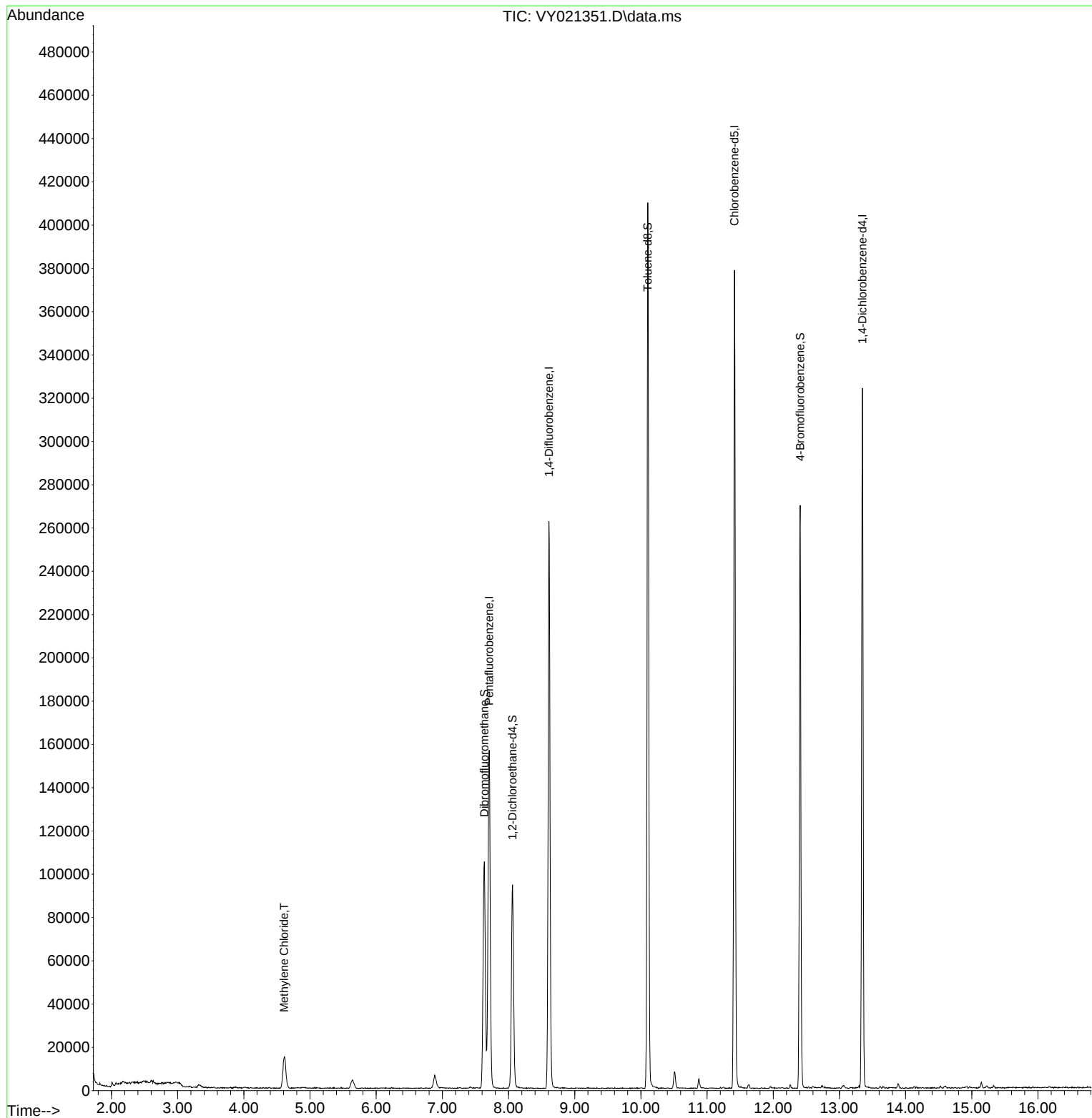
Internal Standards						
1) Pentafluorobenzene	7.707	168	118963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	213600	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	193897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	79357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	76242	56.495	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.000%
35) Dibromofluoromethane	7.634	113	74099	52.914	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.820%
50) Toluene-d8	10.103	98	257396	47.559	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.120%
62) 4-Bromofluorobenzene	12.408	95	79764	43.793	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.580%
Target Compounds						
20) Methylene Chloride	4.610	84	10933	7.810	ug/l	Qvalue 95

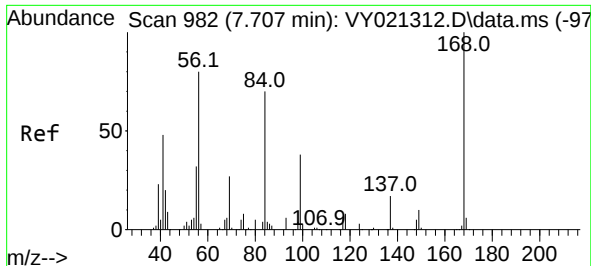
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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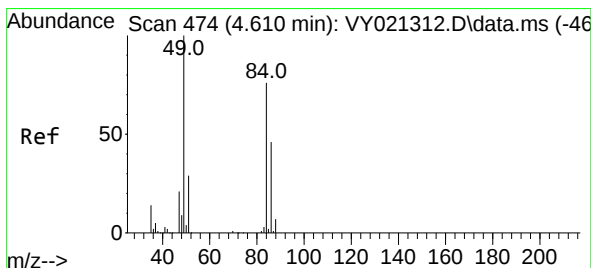
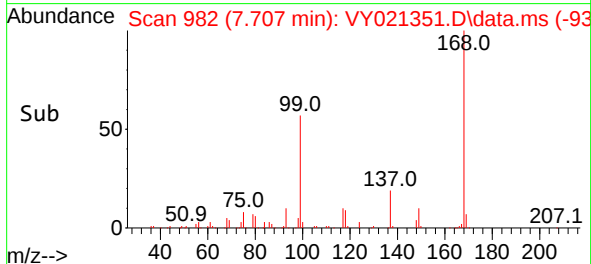
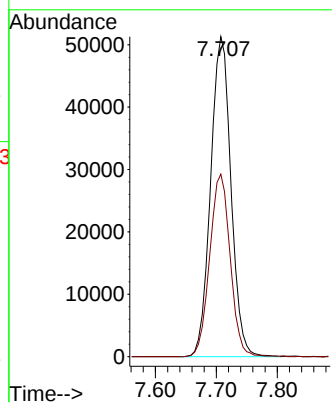
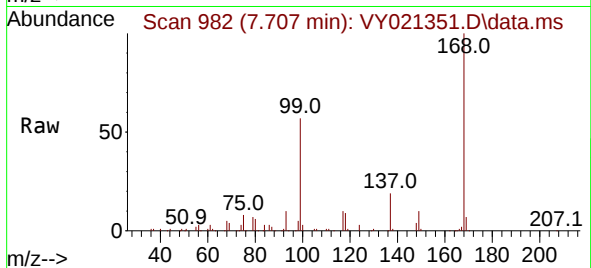




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021351.D
Acq: 27 Feb 2025 12:28

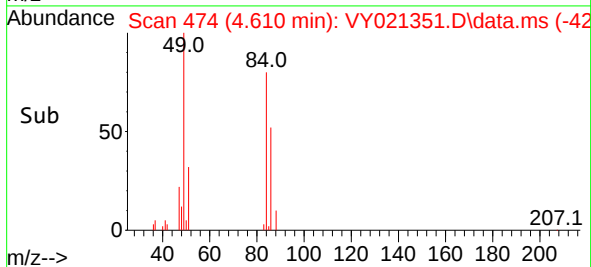
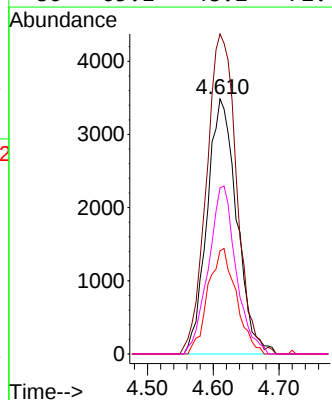
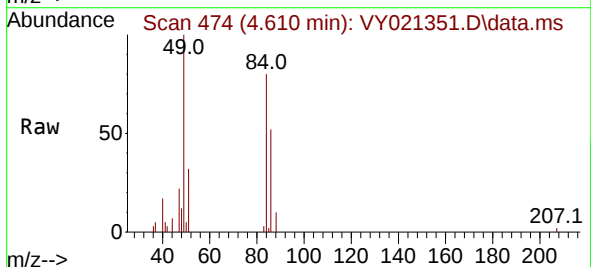
Instrument :
MSVOA_Y
ClientSampleId :
351

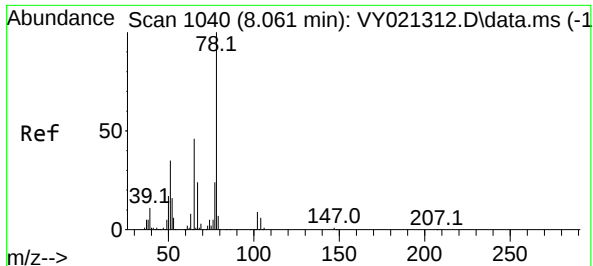
Tgt Ion:168 Resp: 118963
Ion Ratio Lower Upper
168 100
99 57.0 47.1 70.7



#20
Methylene Chloride
Concen: 7.810 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY021351.D
Acq: 27 Feb 2025 12:28

Tgt Ion: 84 Resp: 10933
Ion Ratio Lower Upper
84 100
49 125.5 105.1 157.7
51 40.5 31.0 46.4
86 65.1 48.2 72.4





#33

1,2-Dichloroethane-d4

Concen: 56.495 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY021351.D

Acq: 27 Feb 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

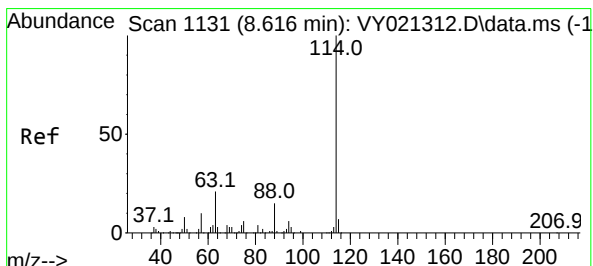
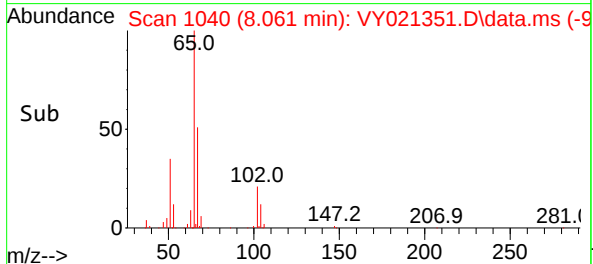
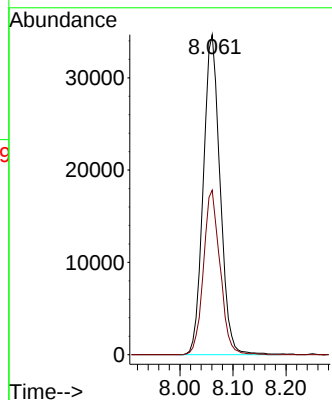
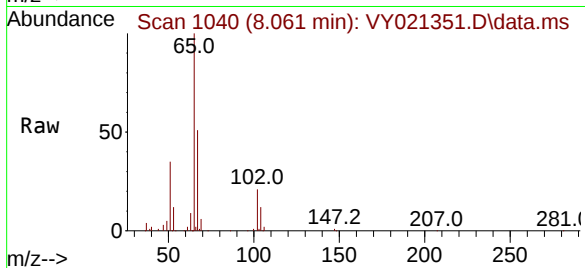
351

Tgt Ion: 65 Resp: 76242

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY021351.D

Acq: 27 Feb 2025 12:28

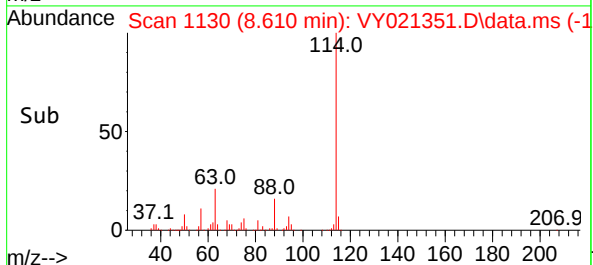
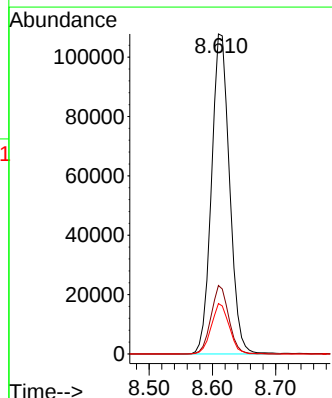
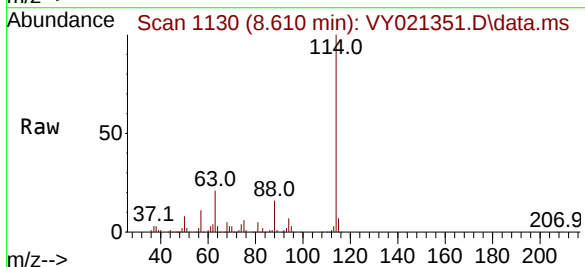
Tgt Ion: 114 Resp: 213600

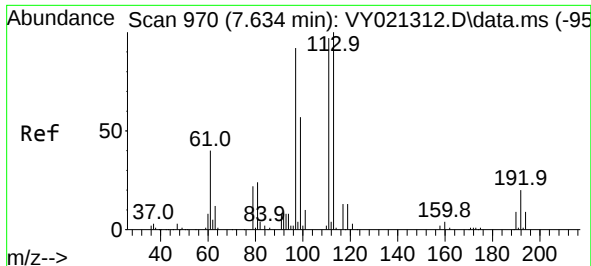
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.2

88 15.8 0.0 29.8

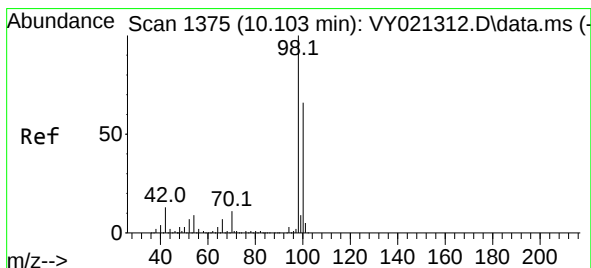
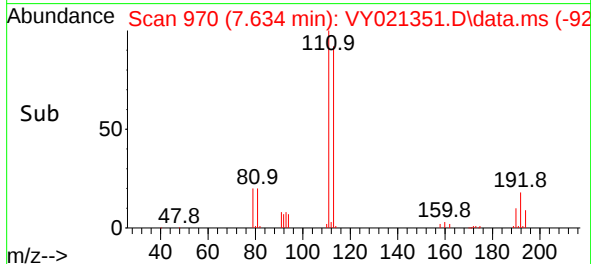
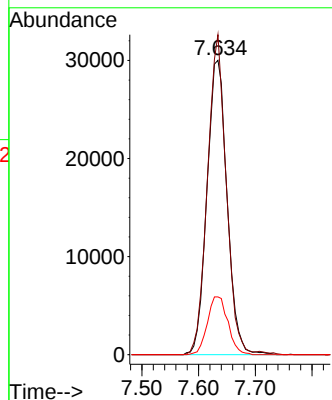
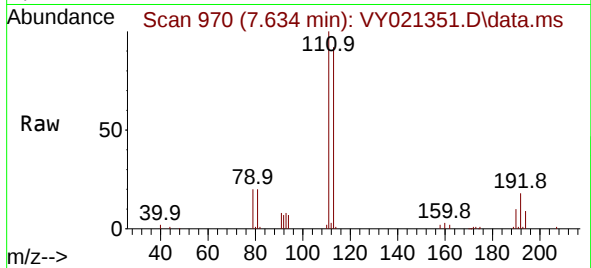




#35
Dibromofluoromethane
Concen: 52.914 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021351.D
Acq: 27 Feb 2025 12:28

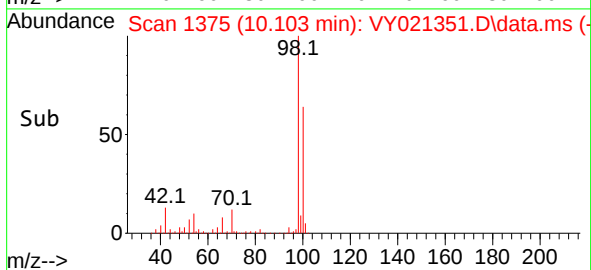
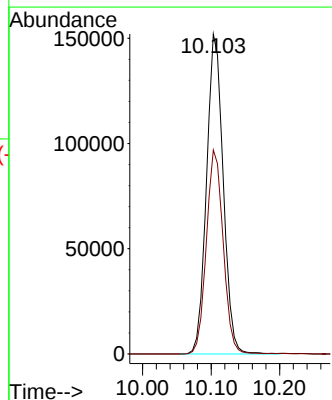
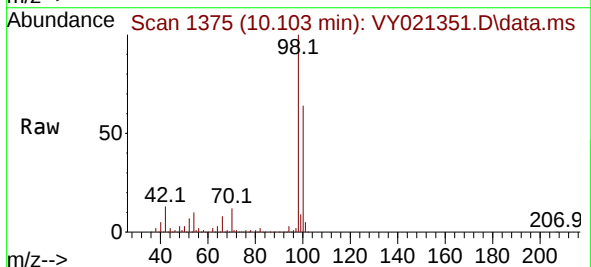
Instrument :
MSVOA_Y
ClientSampleId :
351

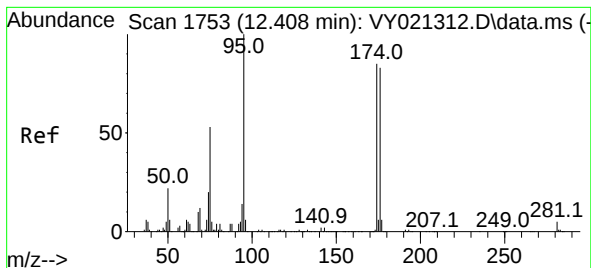
Tgt Ion:113 Resp: 74099
Ion Ratio Lower Upper
113 100
111 101.9 81.0 121.6
192 20.0 15.8 23.8



#50
Toluene-d8
Concen: 47.559 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021351.D
Acq: 27 Feb 2025 12:28

Tgt Ion: 98 Resp: 257396
Ion Ratio Lower Upper
98 100
100 64.3 52.4 78.6

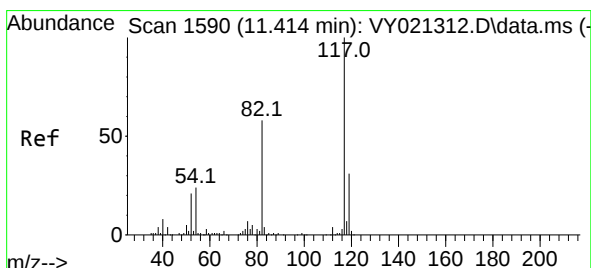
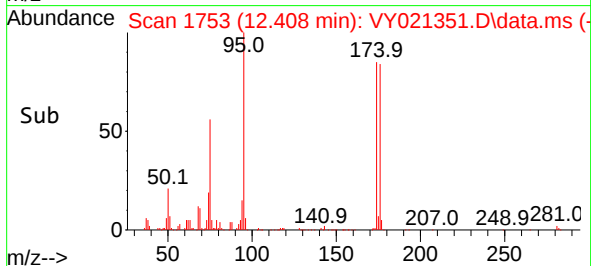
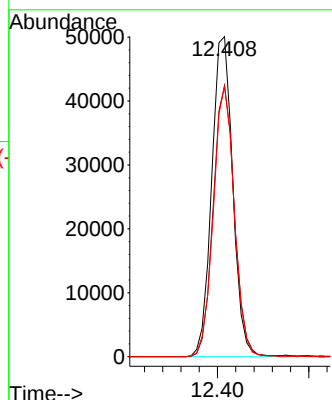
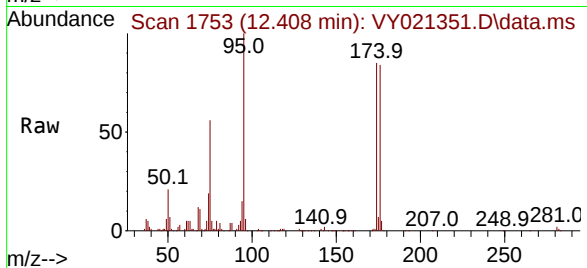




#62
4-Bromofluorobenzene
Concen: 43.793 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021351.D
Acq: 27 Feb 2025 12:28

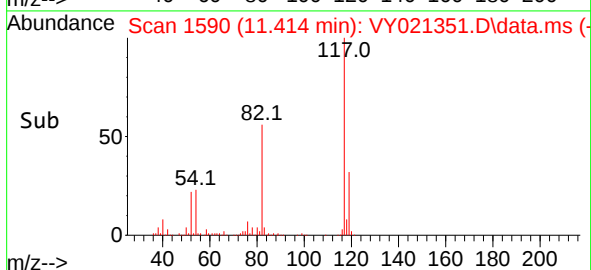
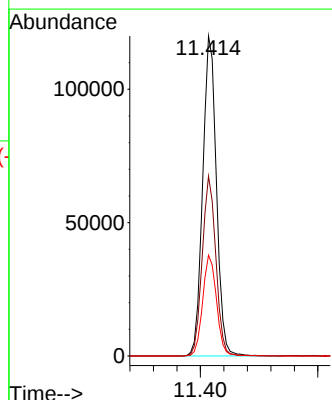
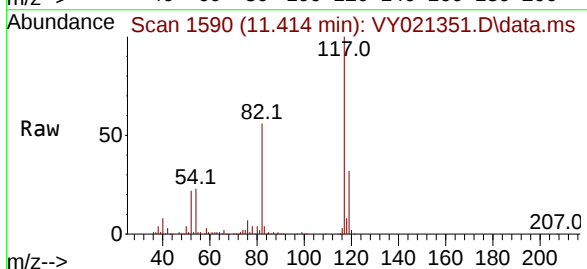
Instrument :
MSVOA_Y
ClientSampleId :
351

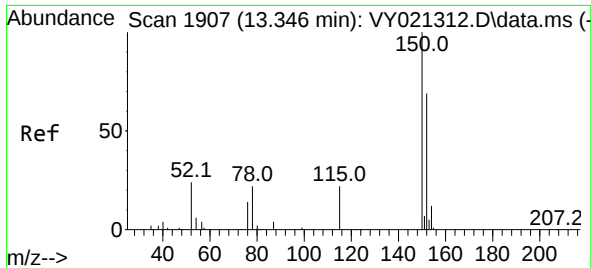
Tgt Ion:	95	Resp:	79764
Ion	Ratio	Lower	Upper
95	100		
174	85.0	0.0	168.0
176	83.8	0.0	162.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY021351.D
Acq: 27 Feb 2025 12:28

Tgt Ion:	117	Resp:	193897
Ion	Ratio	Lower	Upper
117	100		
82	56.2	46.2	69.4
119	31.5	24.9	37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021351.D

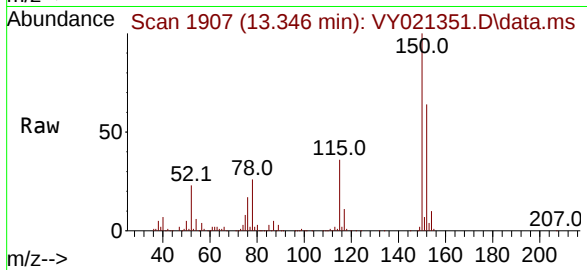
Acq: 27 Feb 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

351



Tgt Ion:152 Resp: 79357

Ion Ratio Lower Upper

152 100

115 58.4 29.3 88.0

150 156.4 0.0 347.4

