

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
 Data File : VY021384.D
 Acq On : 28 Feb 2025 16:41
 Operator : SY/MD
 Sample : Q1448-03RE
 Misc : 5.22g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P2RE

Quant Time: Feb 28 22:21:59 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)

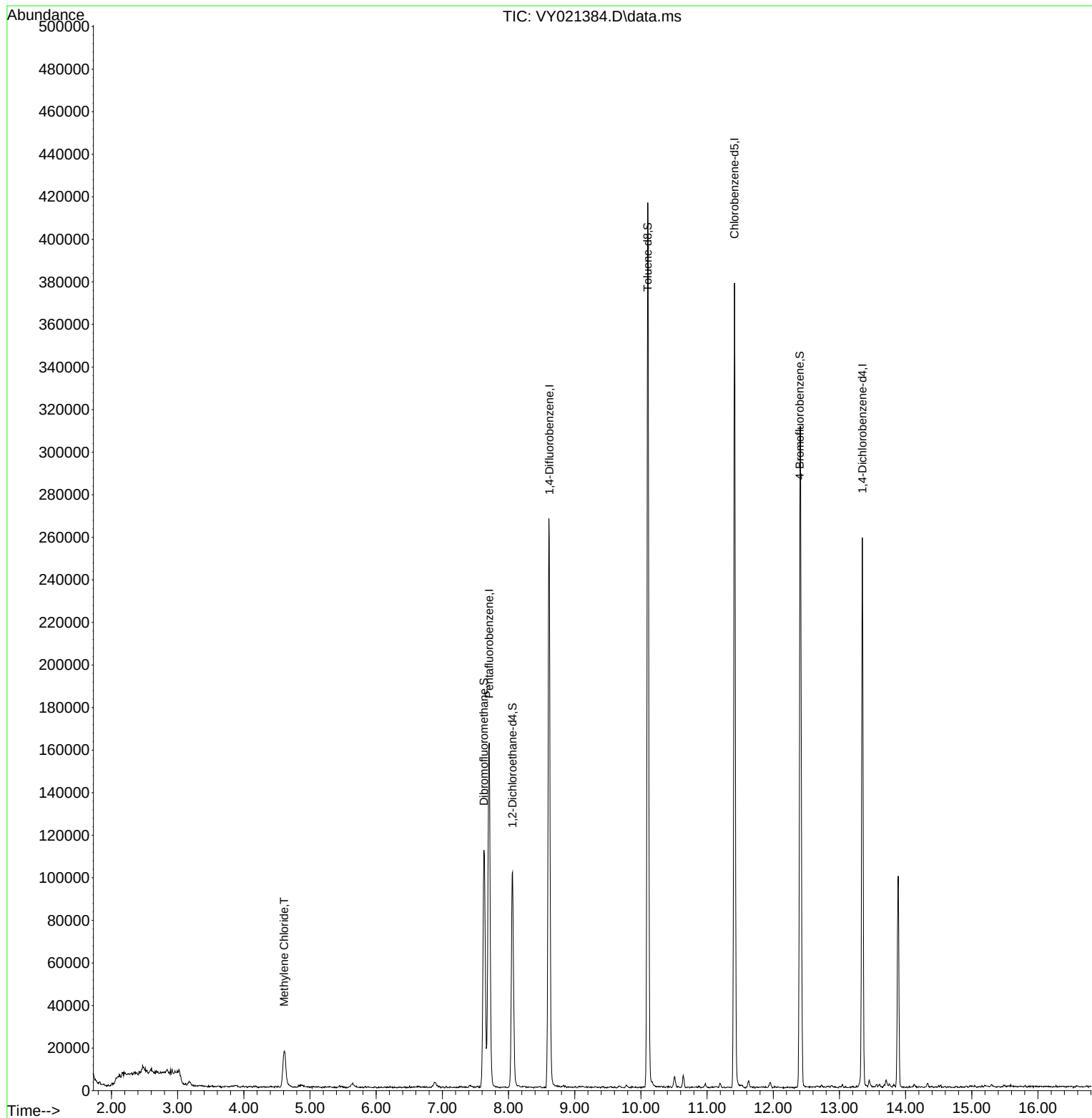
Internal Standards						
1) Pentafluorobenzene	7.707	168	121901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	220759	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	190273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	61708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	82163	59.415	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.840%	
35) Dibromofluoromethane	7.628	113	79241	54.750	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.500%	
50) Toluene-d8	10.103	98	265235	47.419	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.840%	
62) 4-Bromofluorobenzene	12.402	95	72859	38.704	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 77.400%	
Target Compounds						Qvalue
20) Methylene Chloride	4.610	84	12720	8.868	ug/l	88

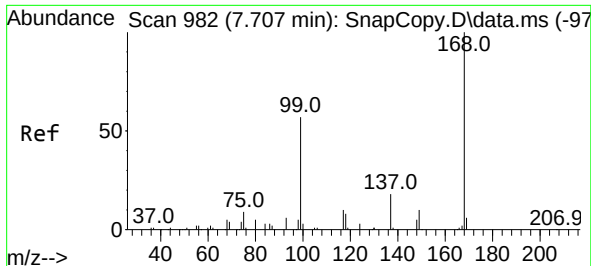
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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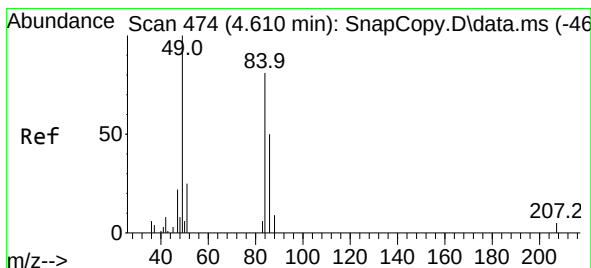
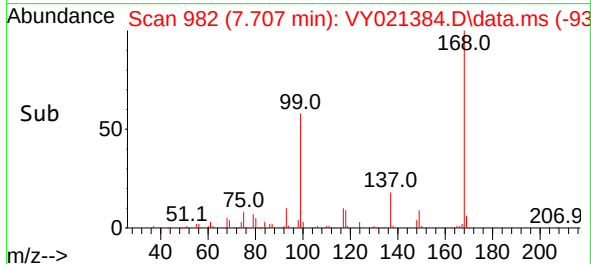
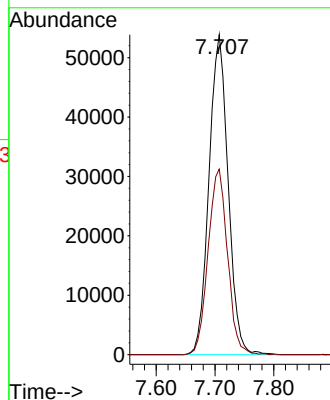
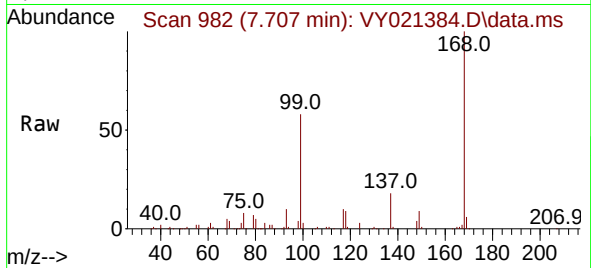




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021384.D
Acq: 28 Feb 2025 16:41

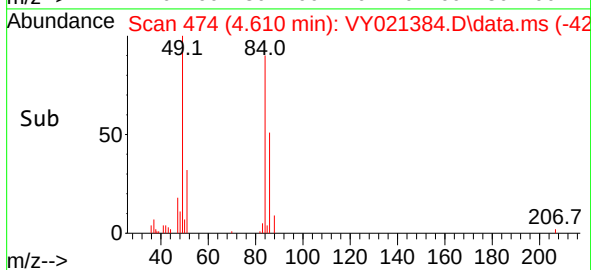
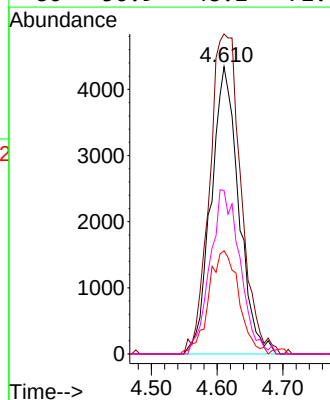
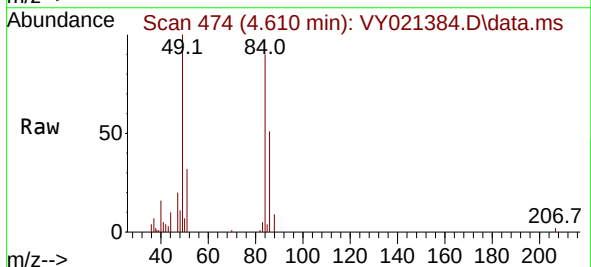
Instrument :
MSVOA_Y
ClientSampleId :
P2RE

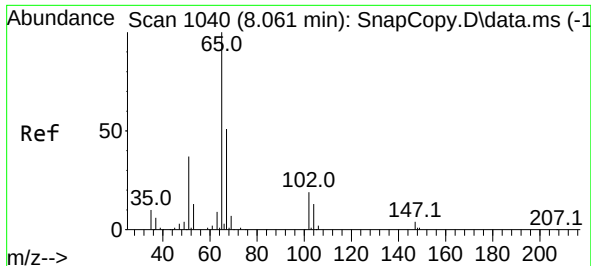
Tgt Ion:168 Resp: 121901
Ion Ratio Lower Upper
168 100
99 58.0 47.1 70.7



#20
Methylene Chloride
Concen: 8.868 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY021384.D
Acq: 28 Feb 2025 16:41

Tgt Ion: 84 Resp: 12720
Ion Ratio Lower Upper
84 100
49 111.4 105.1 157.7
51 36.0 31.0 46.4
86 56.9 48.2 72.4





#33

1,2-Dichloroethane-d4

Concen: 59.415 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY021384.D

Acq: 28 Feb 2025 16:41

Instrument :

MSVOA_Y

ClientSampleId :

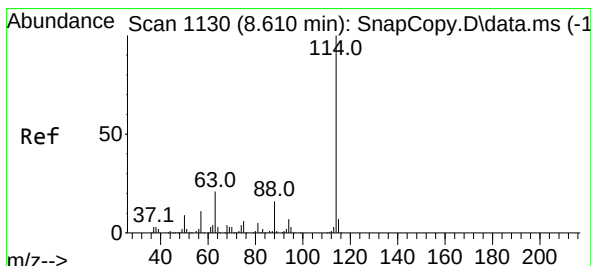
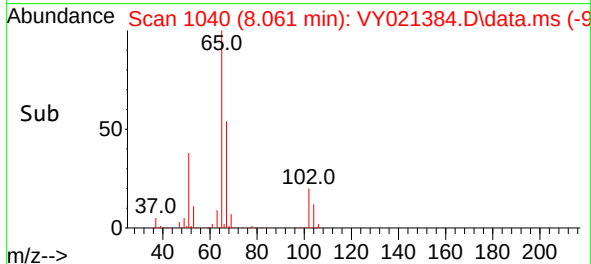
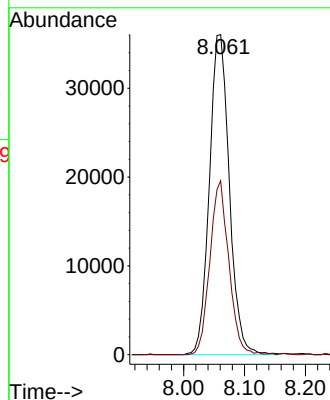
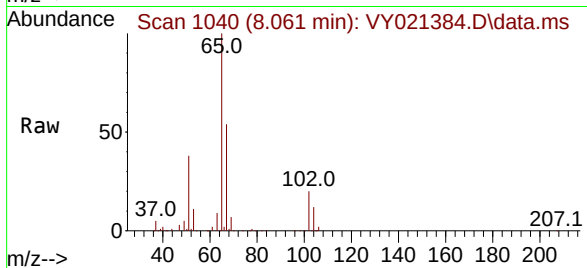
P2RE

Tgt Ion: 65 Resp: 82163

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021384.D

Acq: 28 Feb 2025 16:41

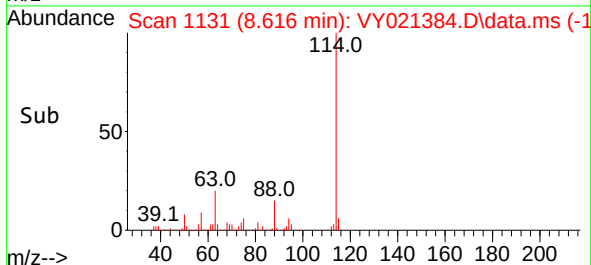
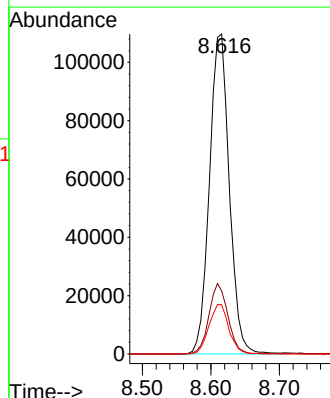
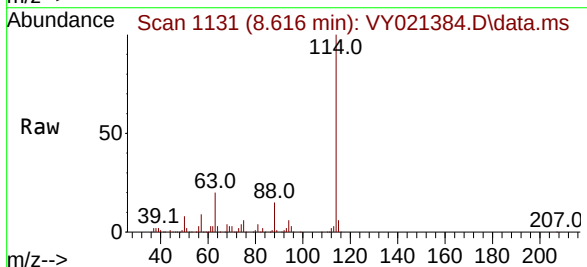
Tgt Ion:114 Resp: 220759

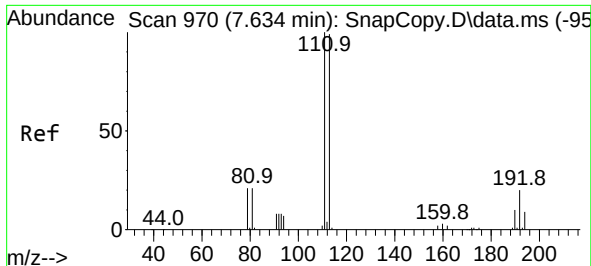
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.2

88 15.4 0.0 29.8

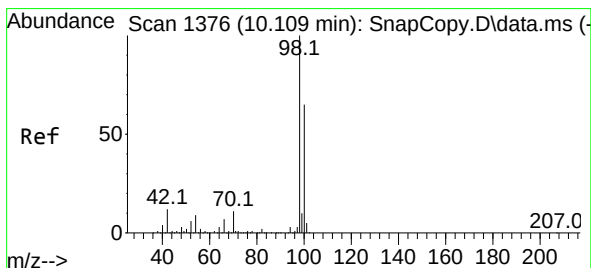
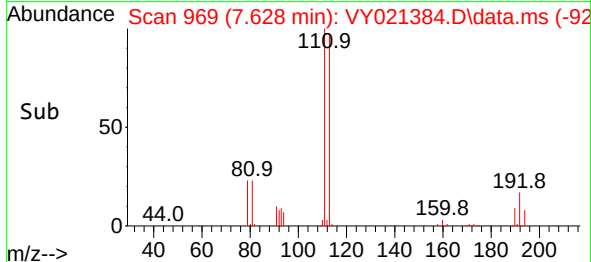
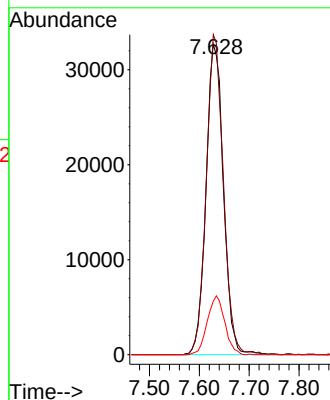
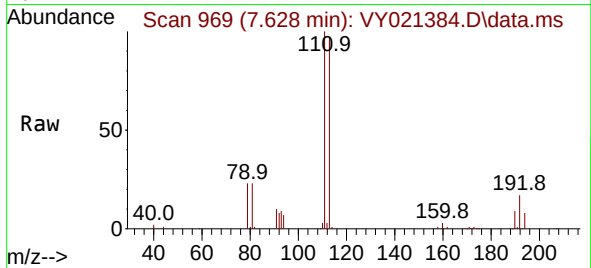




#35
Dibromofluoromethane
Concen: 54.750 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021384.D
Acq: 28 Feb 2025 16:41

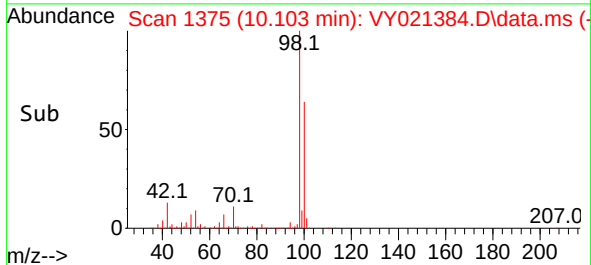
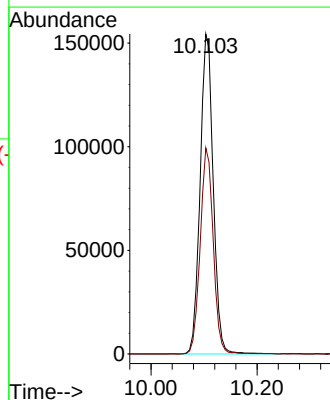
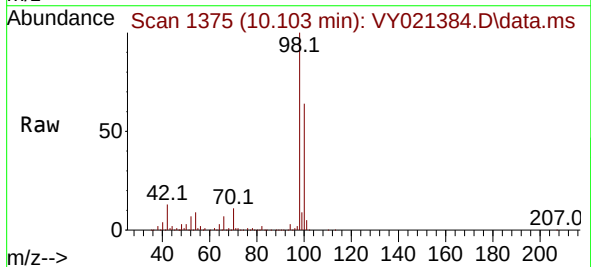
Instrument :
MSVOA_Y
ClientSampleId :
P2RE

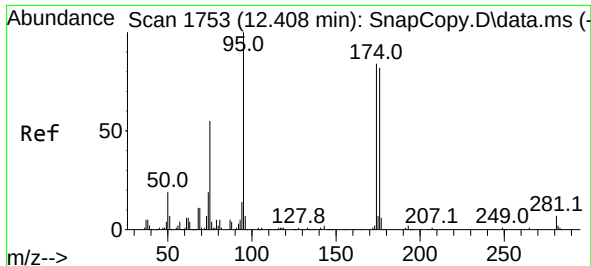
Tgt Ion:113 Resp: 79241
Ion Ratio Lower Upper
113 100
111 101.6 81.0 121.6
192 19.0 15.8 23.8



#50
Toluene-d8
Concen: 47.419 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021384.D
Acq: 28 Feb 2025 16:41

Tgt Ion: 98 Resp: 265235
Ion Ratio Lower Upper
98 100
100 64.1 52.4 78.6

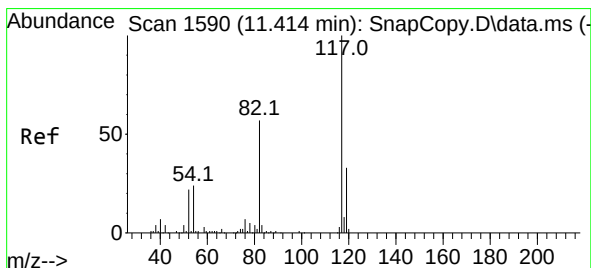
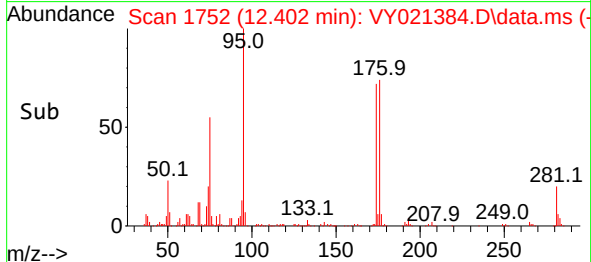
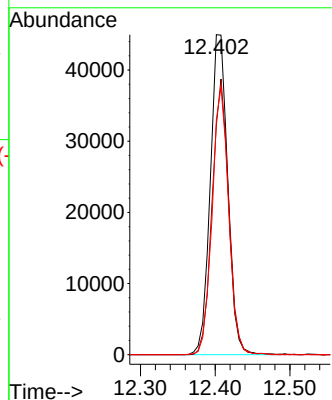
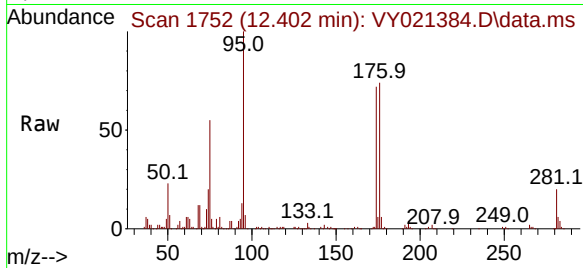




#62
4-Bromofluorobenzene
Concen: 38.704 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021384.D
Acq: 28 Feb 2025 16:41

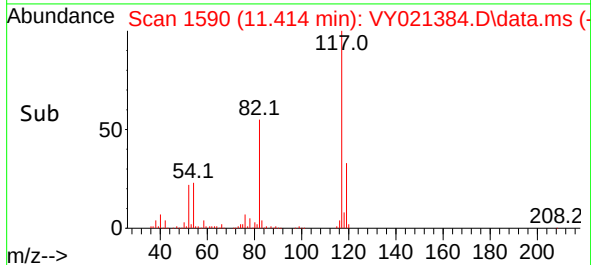
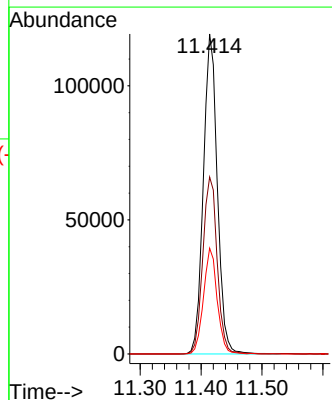
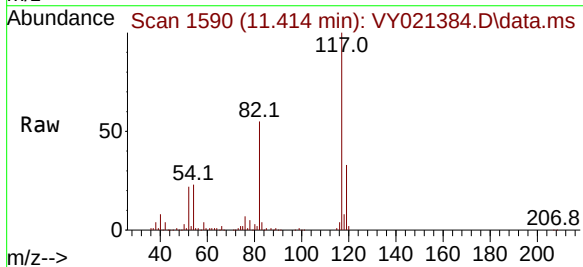
Instrument :
MSVOA_Y
ClientSampleId :
P2RE

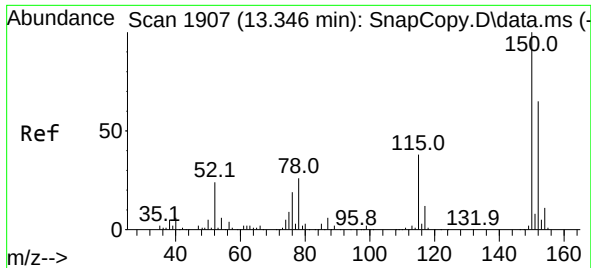
Tgt Ion: 95 Resp: 72859
Ion Ratio Lower Upper
95 100
174 82.1 0.0 168.0
176 79.3 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY021384.D
Acq: 28 Feb 2025 16:41

Tgt Ion: 117 Resp: 190273
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 33.1 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021384.D

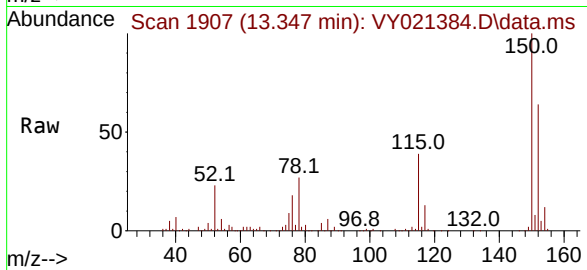
Acq: 28 Feb 2025 16:41

Instrument :

MSVOA_Y

ClientSampleId :

P2RE



Tgt Ion:152 Resp: 61708

Ion Ratio Lower Upper

152 100

115 61.0 29.3 88.0

150 157.8 0.0 347.4

