

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
 Data File : VY021385.D
 Acq On : 28 Feb 2025 17:05
 Operator : SY/MD
 Sample : Q1448-05RE
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P4RE

Quant Time: Feb 28 22:22:21 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)

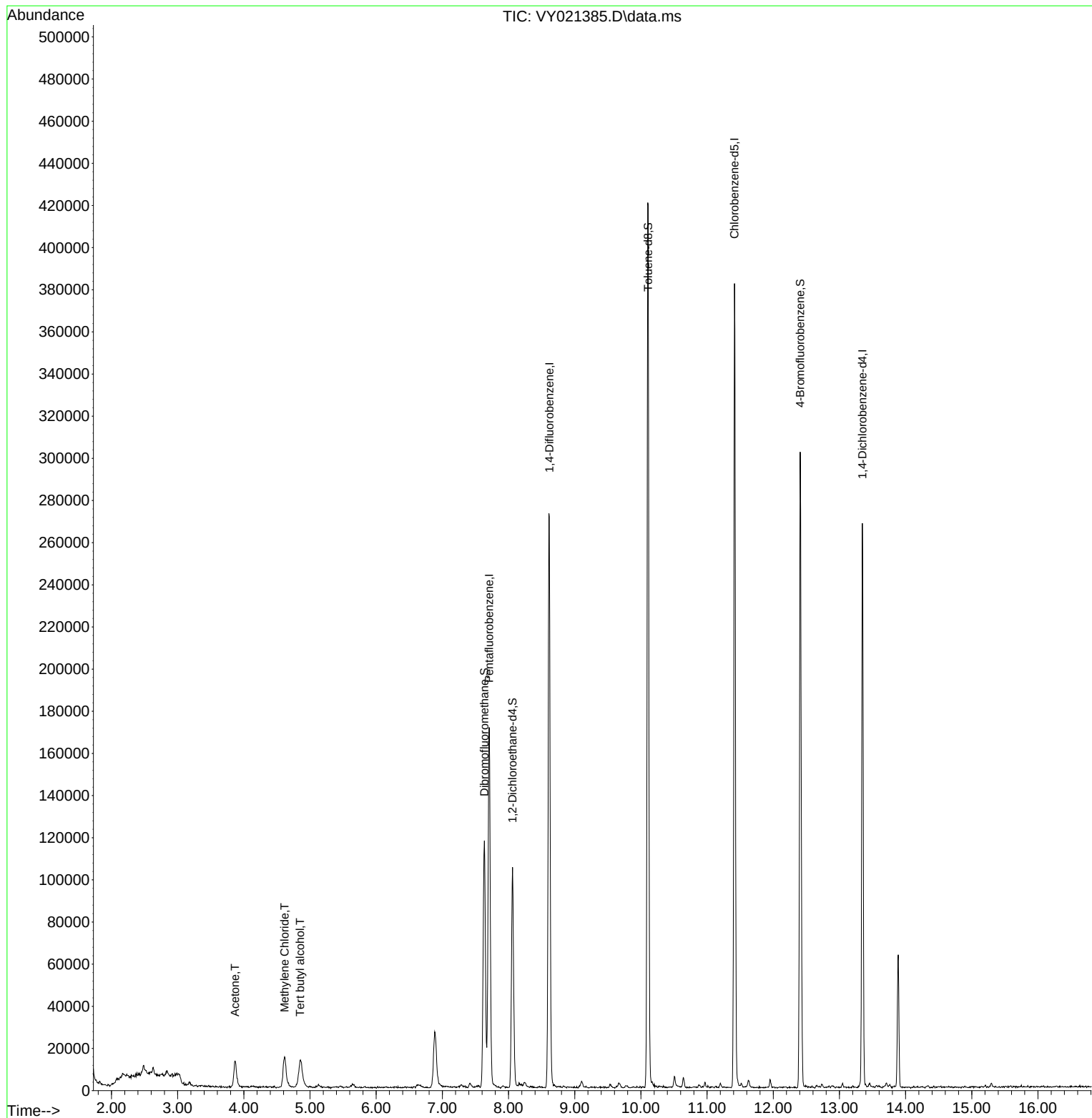
Internal Standards						
1) Pentafluorobenzene	7.707	168	127050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	227538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	195919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	63405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	84138	58.378	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.760%
35) Dibromofluoromethane	7.634	113	81861	54.876	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.760%
50) Toluene-d8	10.109	98	276052	47.882	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.760%
62) 4-Bromofluorobenzene	12.407	95	74956	38.632	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.260%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.848	59	23386	210.951	ug/l	99
16) Acetone	3.866	43	22189	80.258	ug/l	98
20) Methylene Chloride	4.616	84	10242	6.851	ug/l	90

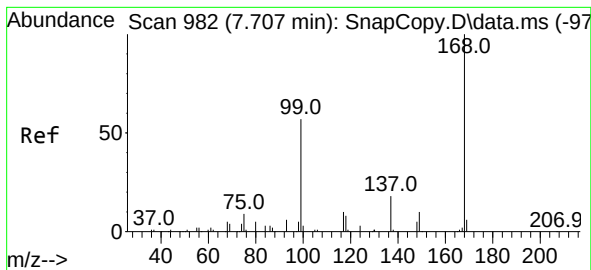
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY021385.D

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Instrument :

MSVOA_Y

ClientSampleId :

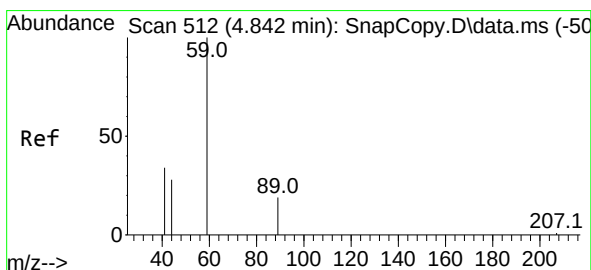
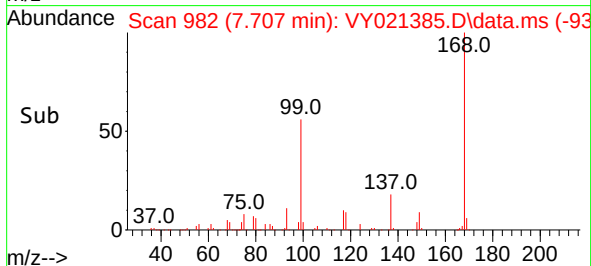
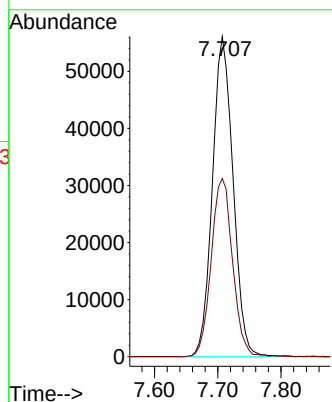
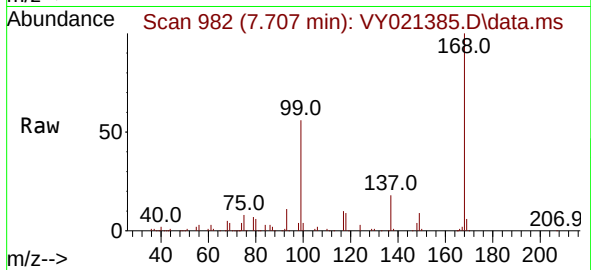
P4RE

Tgt Ion:168 Resp: 127050

Ion Ratio Lower Upper

168 100

99 55.7 47.1 70.7



#11

Tert butyl alcohol

Concen: 210.951 ug/l

RT: 4.848 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY021385.D

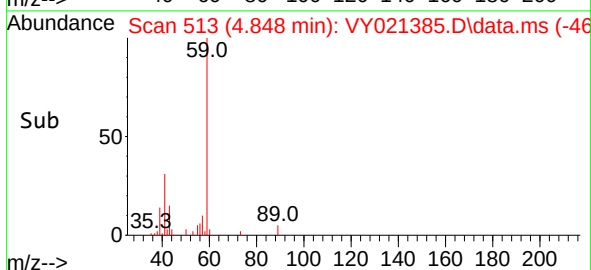
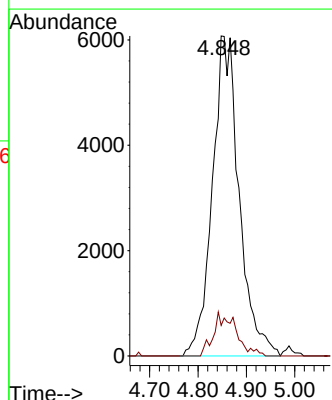
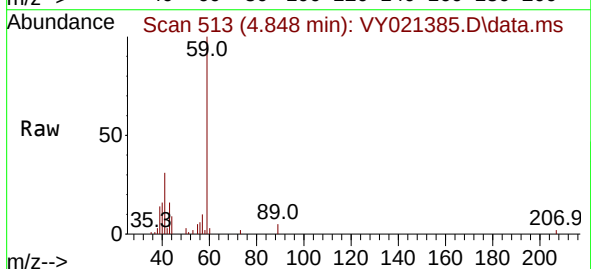
Acq: 28 Feb 2025 17:05

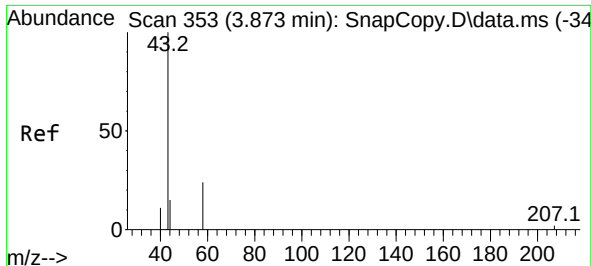
Tgt Ion: 59 Resp: 23386

Ion Ratio Lower Upper

59 100

57 10.8 8.3 12.5

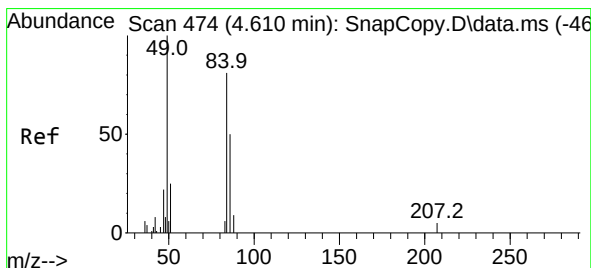
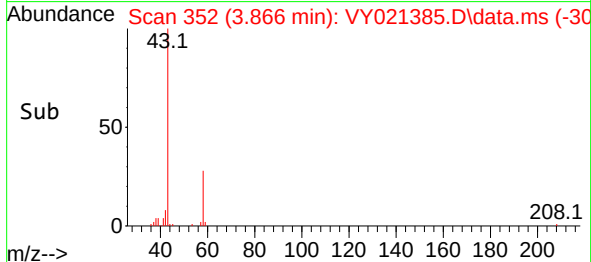
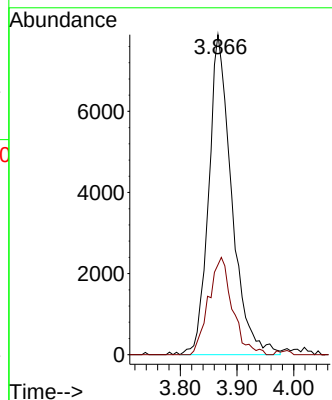
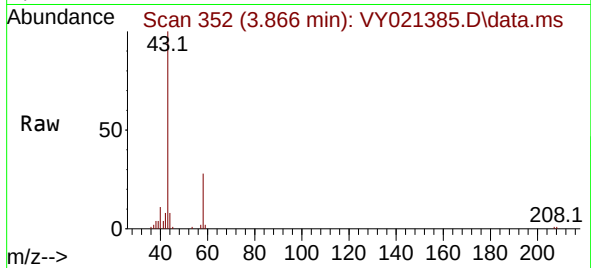




#16
Acetone
Concen: 80.258 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY021385.D
Acq: 28 Feb 2025 17:05

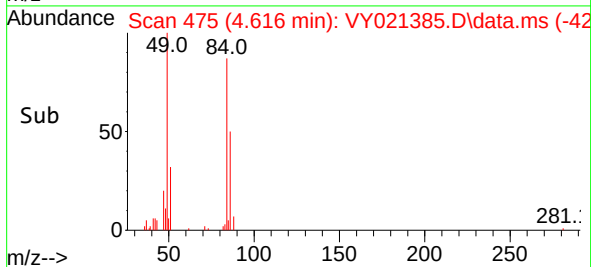
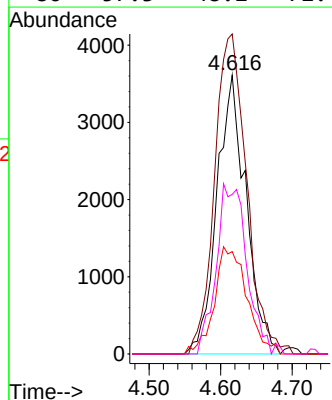
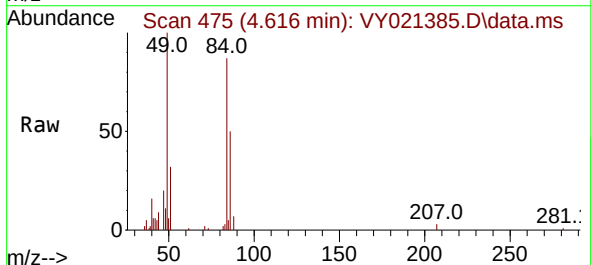
Instrument :
MSVOA_Y
ClientSampleId :
P4RE

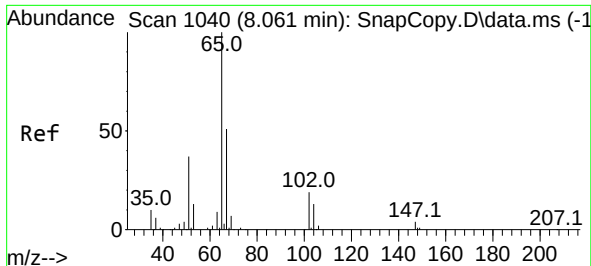
Tgt Ion: 43 Resp: 22189
Ion Ratio Lower Upper
43 100
58 28.1 23.5 35.3



#20
Methylene Chloride
Concen: 6.851 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021385.D
Acq: 28 Feb 2025 17:05

Tgt Ion: 84 Resp: 10242
Ion Ratio Lower Upper
84 100
49 114.8 105.1 157.7
51 36.7 31.0 46.4
86 57.3 48.2 72.4





#33

1,2-Dichloroethane-d4

Concen: 58.378 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY021385.D

Acq: 28 Feb 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

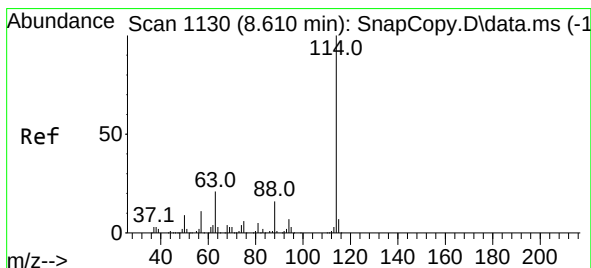
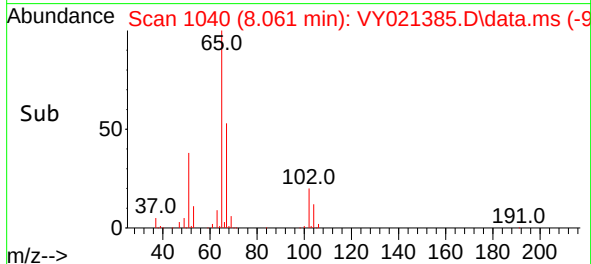
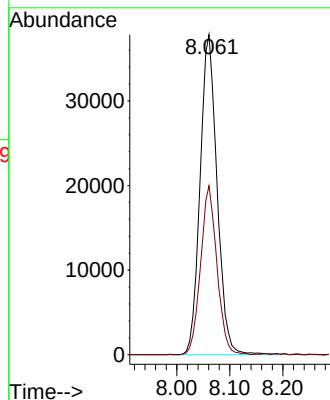
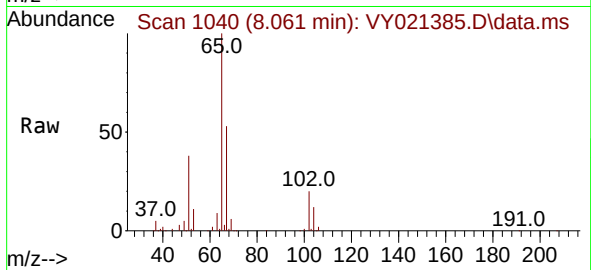
P4RE

Tgt Ion: 65 Resp: 84138

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021385.D

Acq: 28 Feb 2025 17:05

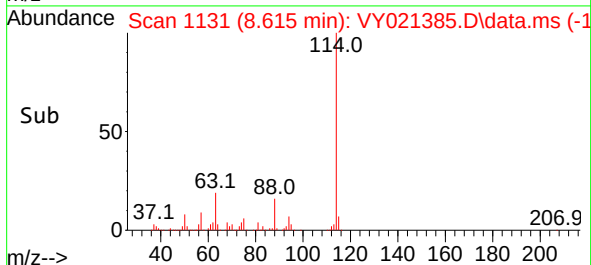
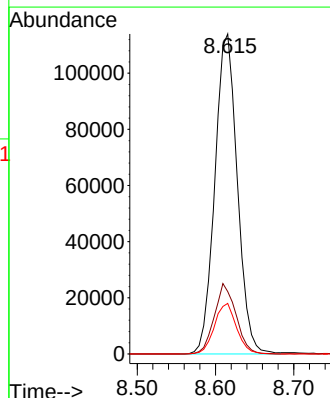
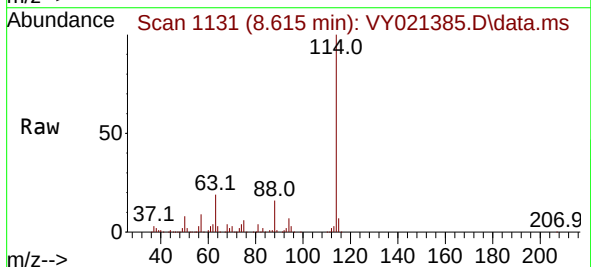
Tgt Ion: 114 Resp: 227538

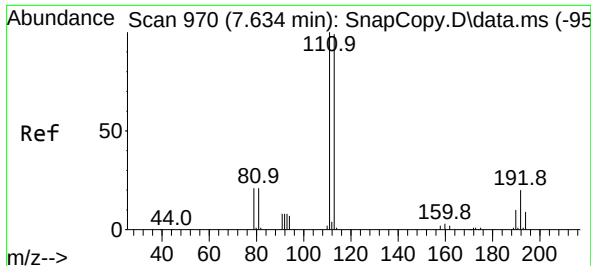
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.2

88 15.8 0.0 29.8





#35

Dibromofluoromethane

Concen: 54.876 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY021385.D

Acq: 28 Feb 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

P4RE

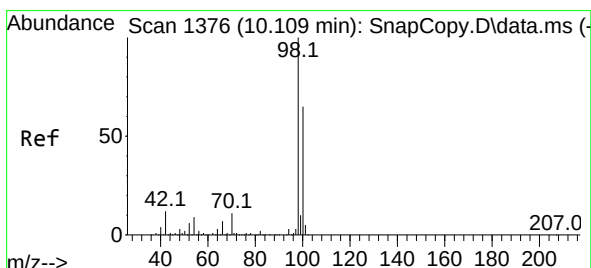
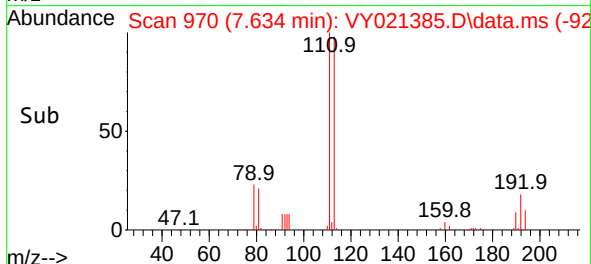
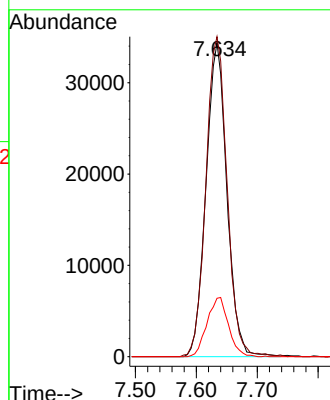
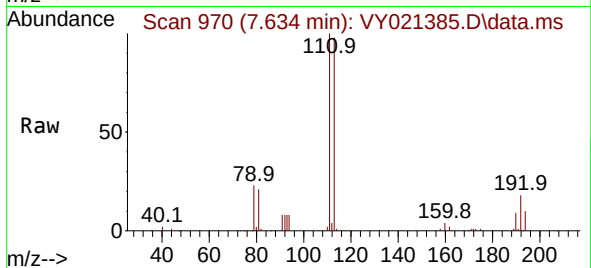
Tgt Ion:113 Resp: 81861

Ion Ratio Lower Upper

113 100

111 103.3 81.0 121.6

192 19.3 15.8 23.8



#50

Toluene-d8

Concen: 47.882 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY021385.D

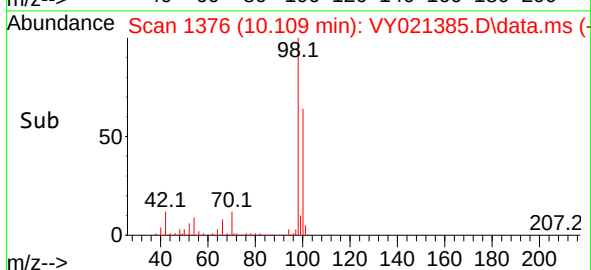
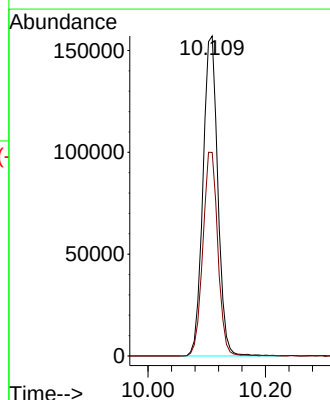
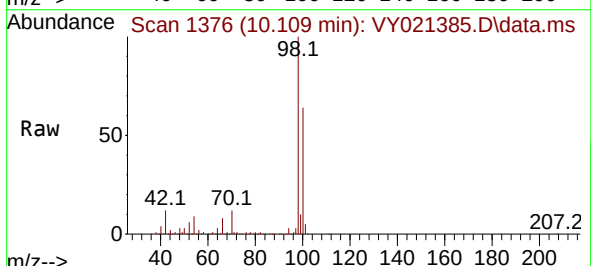
Acq: 28 Feb 2025 17:05

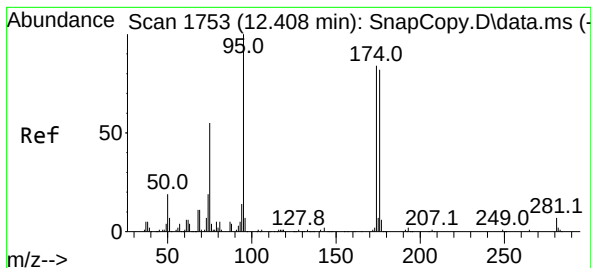
Tgt Ion: 98 Resp: 276052

Ion Ratio Lower Upper

98 100

100 64.1 52.4 78.6

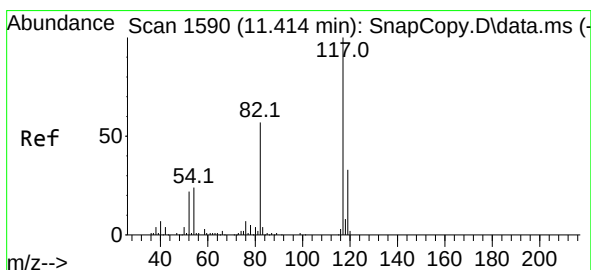
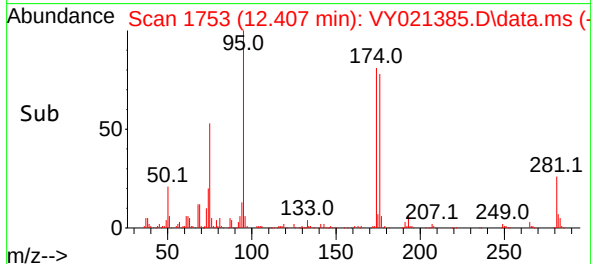
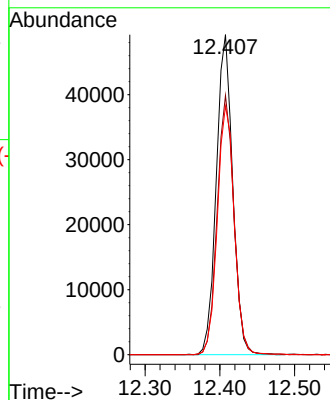
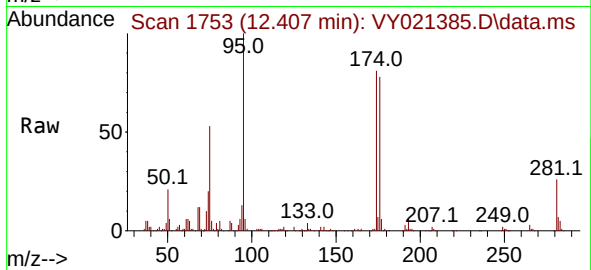




#62
4-Bromofluorobenzene
Concen: 38.632 ug/l
RT: 12.407 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021385.D
Acq: 28 Feb 2025 17:05

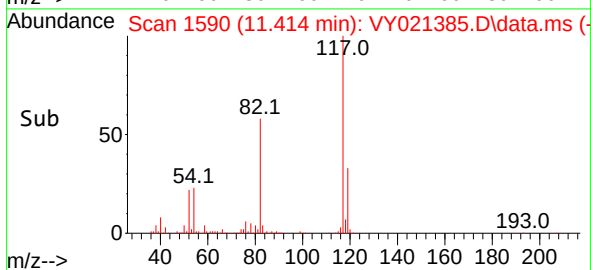
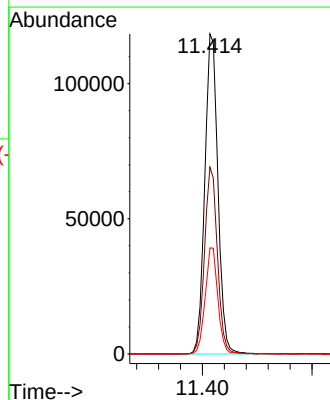
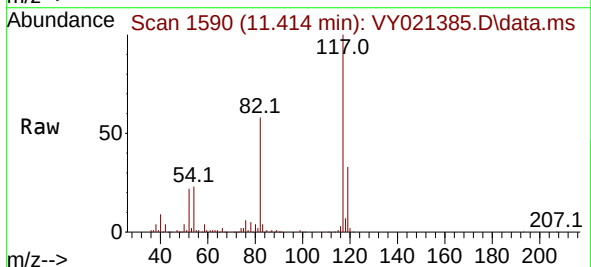
Instrument :
MSVOA_Y
ClientSampleId :
P4RE

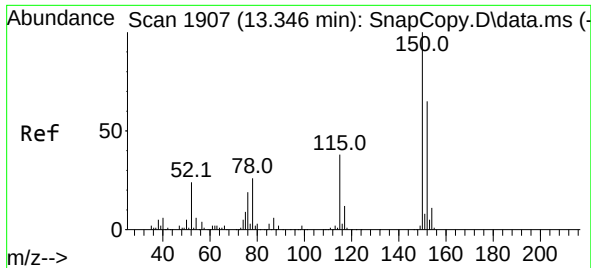
Tgt Ion: 95 Resp: 74956
Ion Ratio Lower Upper
95 100
174 82.7 0.0 168.0
176 80.3 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY021385.D
Acq: 28 Feb 2025 17:05

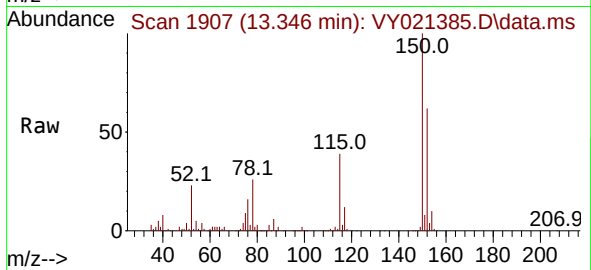
Tgt Ion: 117 Resp: 195919
Ion Ratio Lower Upper
117 100
82 58.3 46.2 69.4
119 33.1 24.9 37.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021385.D
 Acq: 28 Feb 2025 17:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 P4RE



Tgt Ion:	152	Resp:	63405
Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.3	88.0
150	161.3	0.0	347.4

