

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032425\
 Data File : VY021621.D
 Acq On : 24 Mar 2025 16:25
 Operator : SY/MD
 Sample : Q1635-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-VOC

Quant Time: Mar 25 01:31:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

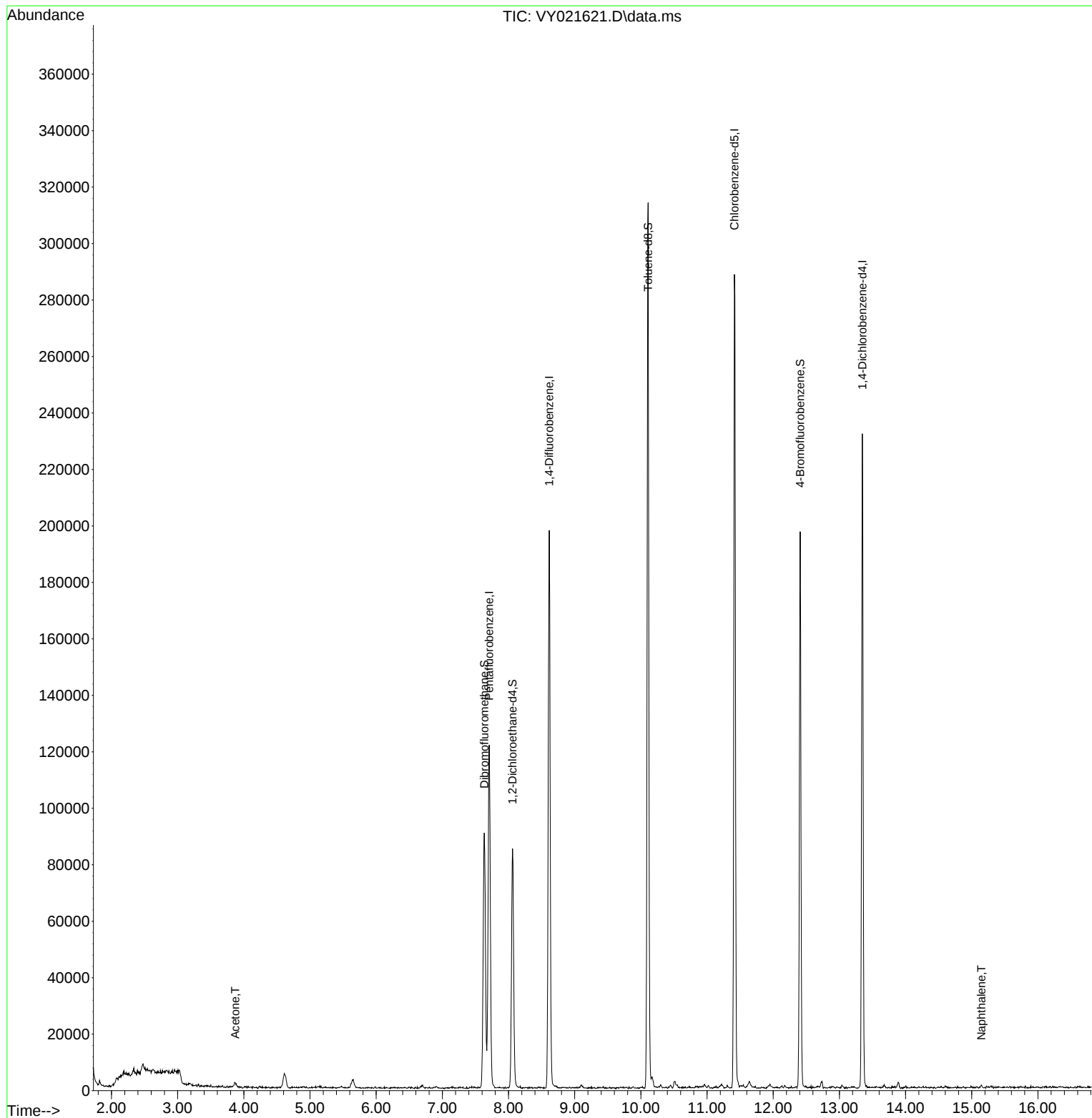
Internal Standards						
1) Pentafluorobenzene	7.707	168	92431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	162368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	151338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	57651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	69238	70.872	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.740%	
35) Dibromofluoromethane	7.634	113	64356	60.300	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.600%	
50) Toluene-d8	10.109	98	201230	49.797	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.600%	
62) 4-Bromofluorobenzene	12.408	95	58443	42.517	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.040%	
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	2651	12.441	ug/l	93
95) Naphthalene	15.145	128	855	1.996	ug/l #	89

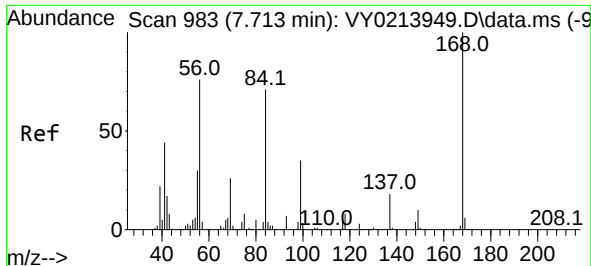
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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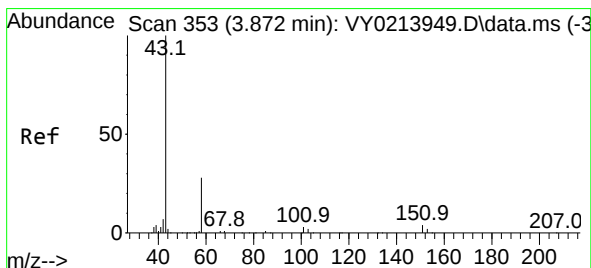
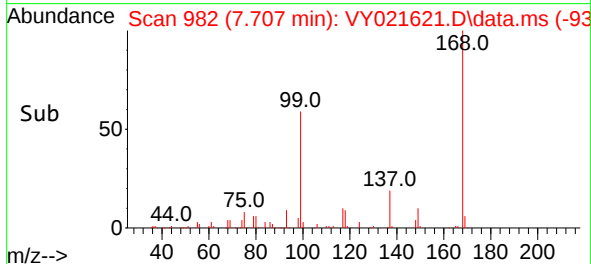
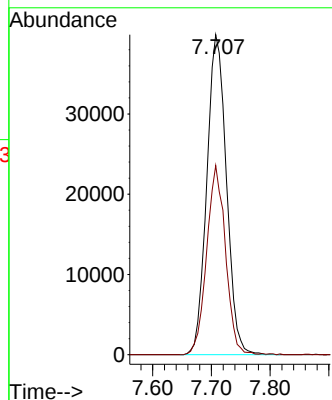
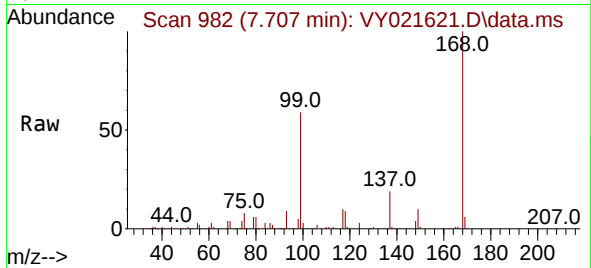




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021621.D
Acq: 24 Mar 2025 16:25

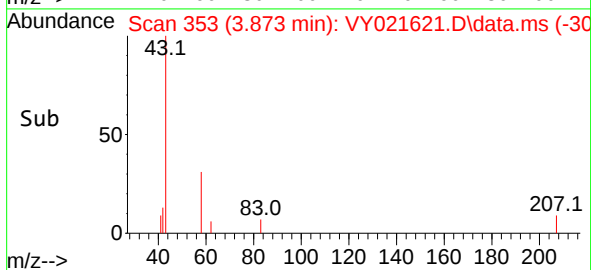
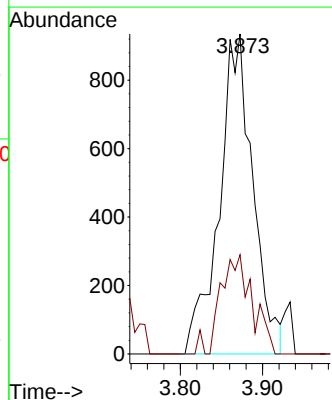
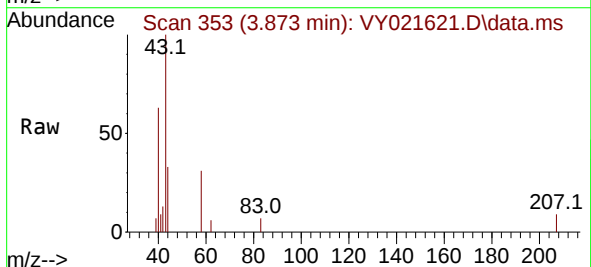
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-VOC

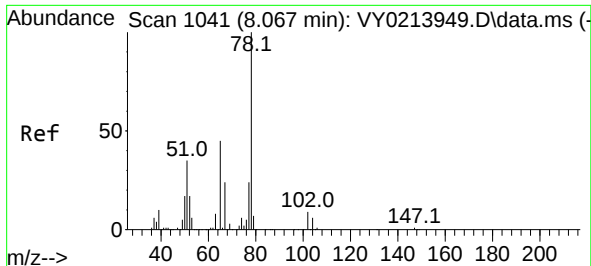
Tgt Ion:168 Resp: 92431
Ion Ratio Lower Upper
168 100
99 59.1 46.0 69.0



#16
Acetone
Concen: 12.441 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.001 min
Lab File: VY021621.D
Acq: 24 Mar 2025 16:25

Tgt Ion: 43 Resp: 2651
Ion Ratio Lower Upper
43 100
58 31.0 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 70.872 ug/l

RT: 8.061 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY021621.D

Acq: 24 Mar 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

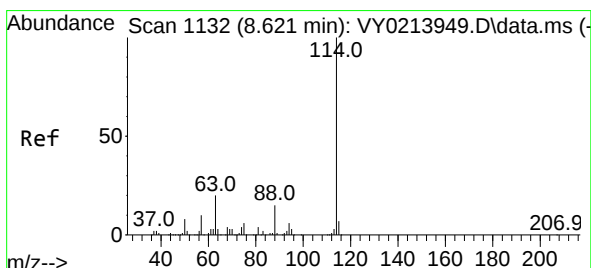
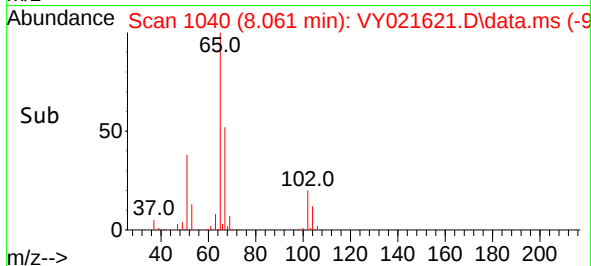
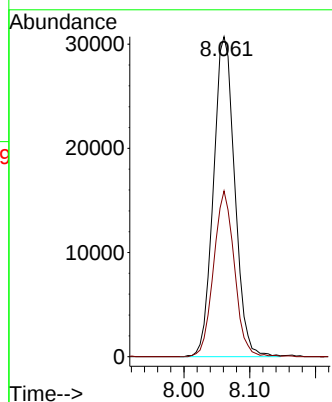
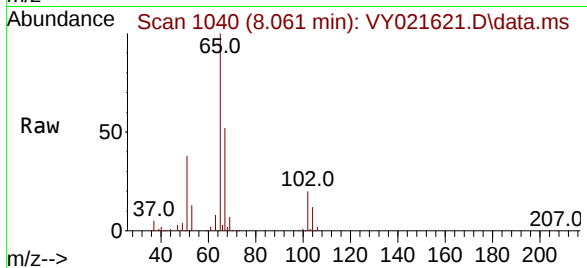
TP-2-VOC

Tgt Ion: 65 Resp: 69238

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021621.D

Acq: 24 Mar 2025 16:25

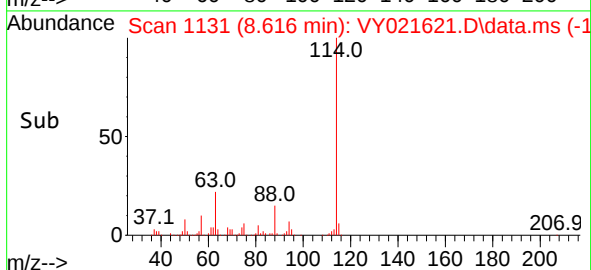
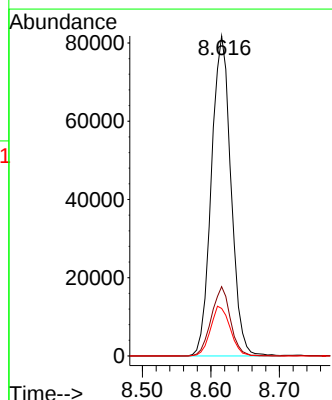
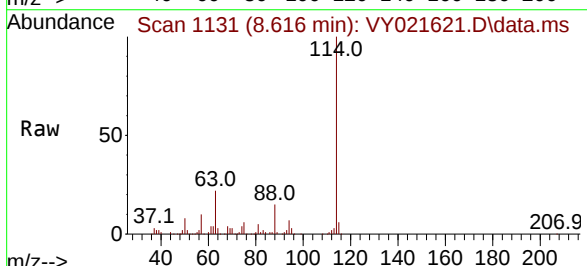
Tgt Ion: 114 Resp: 162368

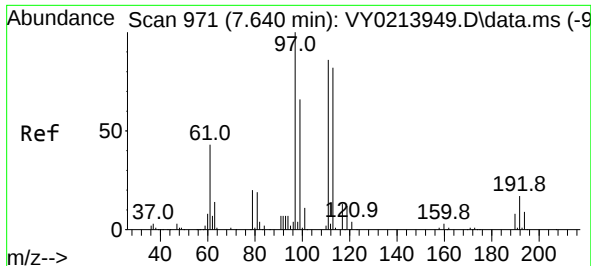
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.8

88 14.9 0.0 30.8

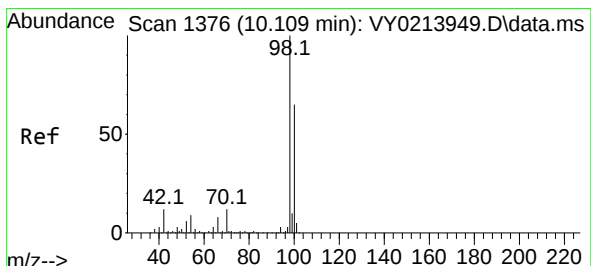
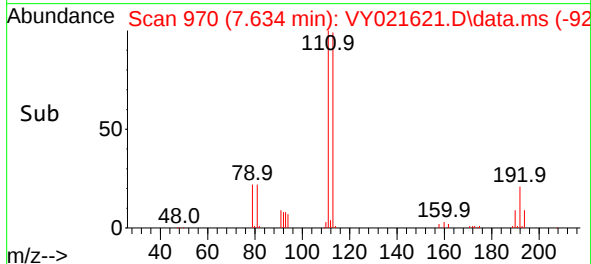
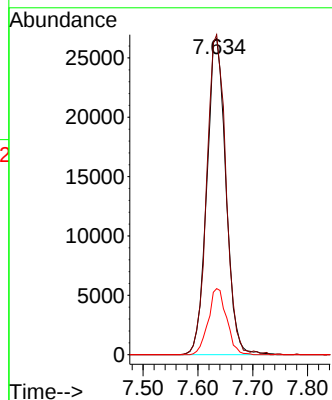
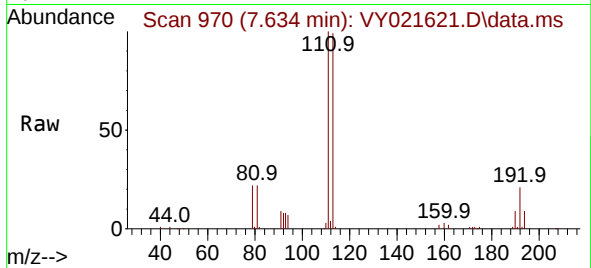




#35
Dibromofluoromethane
Concen: 60.300 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021621.D
Acq: 24 Mar 2025 16:25

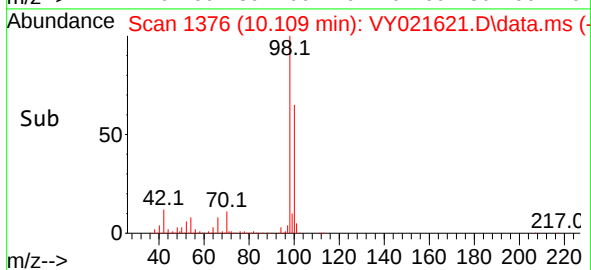
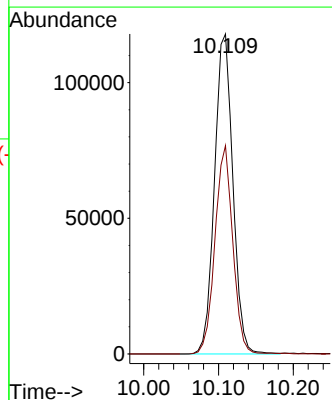
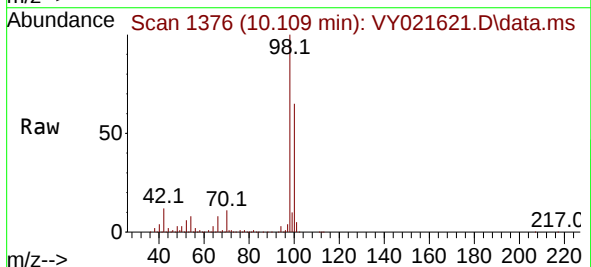
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-VOC

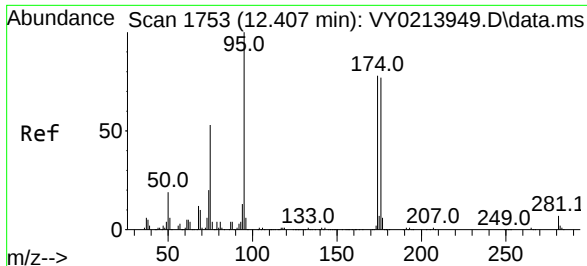
Tgt Ion:113 Resp: 64356
Ion Ratio Lower Upper
113 100
111 101.7 82.0 123.0
192 20.1 15.9 23.9



#50
Toluene-d8
Concen: 49.797 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021621.D
Acq: 24 Mar 2025 16:25

Tgt Ion: 98 Resp: 201230
Ion Ratio Lower Upper
98 100
100 63.2 52.1 78.1

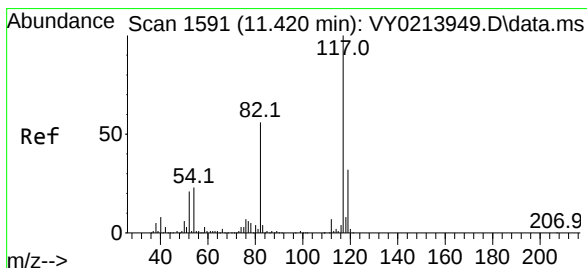
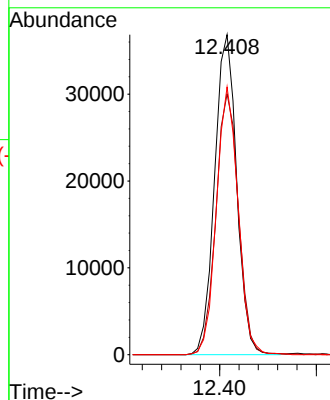
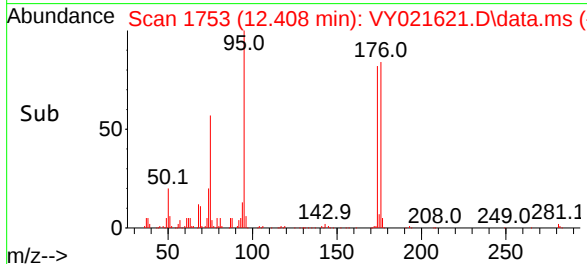
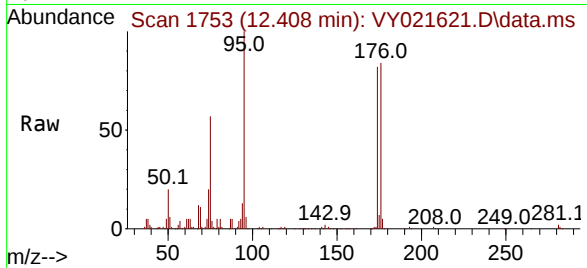




#62
4-Bromofluorobenzene
Concen: 42.517 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021621.D
Acq: 24 Mar 2025 16:25

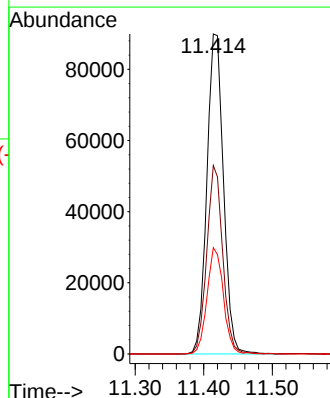
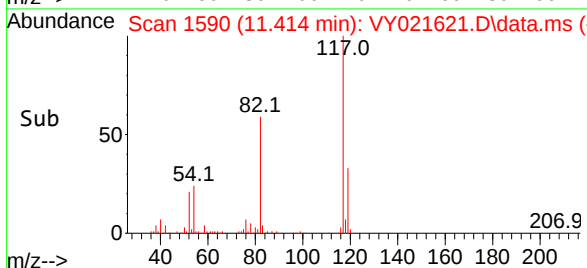
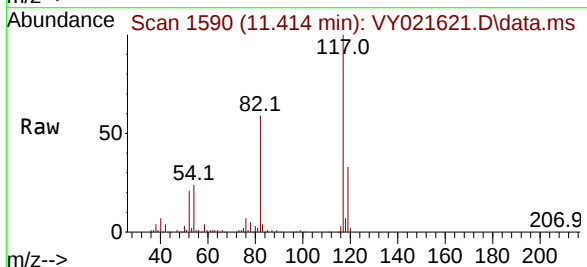
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-VOC

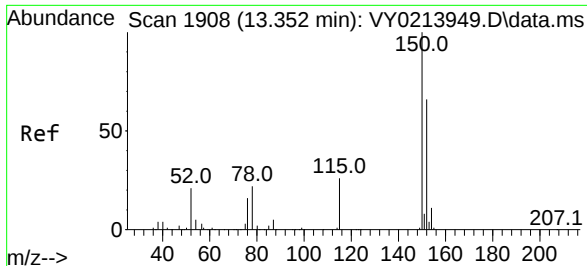
Tgt Ion:	95	Resp:	58443
Ion Ratio	Lower	Upper	
95	100		
174	83.3	0.0	165.0
176	82.0	0.0	160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021621.D
Acq: 24 Mar 2025 16:25

Tgt Ion:	117	Resp:	151338
Ion Ratio	Lower	Upper	
117	100		
82	58.9	44.6	67.0
119	33.2	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY021621.D

Acq: 24 Mar 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

TP-2-VOC

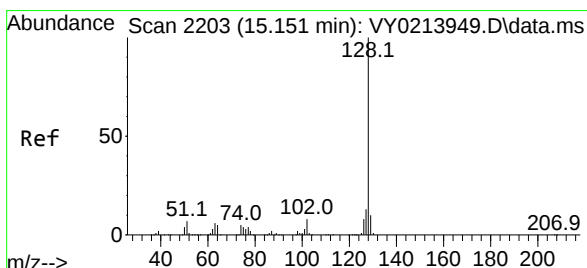
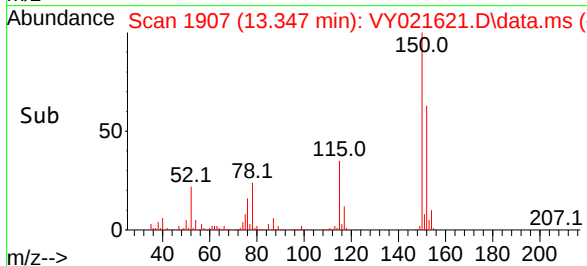
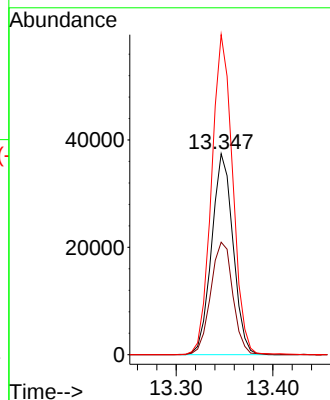
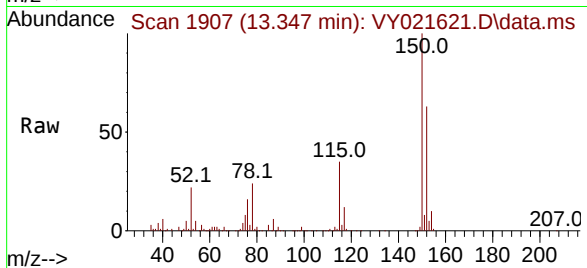
Tgt Ion:152 Resp: 57651

Ion Ratio Lower Upper

152 100

115 57.8 29.0 87.0

150 157.4 0.0 347.2



#95

Naphthalene

Concen: 1.996 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.006 min

Lab File: VY021621.D

Acq: 24 Mar 2025 16:25

Tgt Ion:128 Resp: 855

Ion Ratio Lower Upper

128 100

127 12.5 10.6 15.8

129 2.7 8.6 13.0#

