

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
 Data File : VY020681.D
 Acq On : 20 Dec 2024 19:13
 Operator : SY/MD
 Sample : P5306-09
 Misc : 5.5.23g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-VSL-11-121224RE

Quant Time: Dec 20 22:04:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

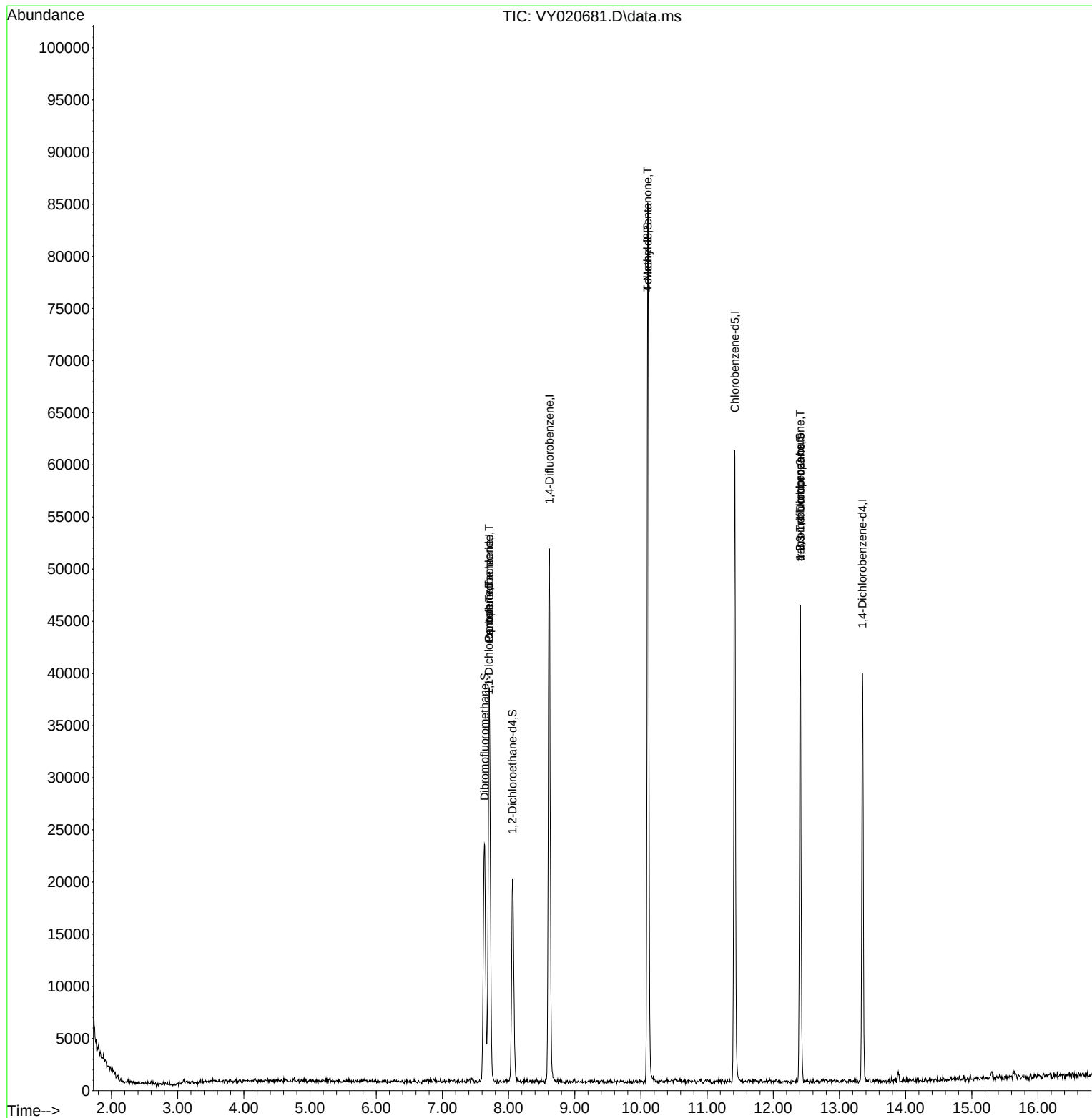
Internal Standards						
1) Pentafluorobenzene	7.707	168	29041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	44319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	33564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	10185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	16679	52.440	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.880%	
35) Dibromofluoromethane	7.640	113	17054	54.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.200%	
50) Toluene-d8	10.103	98	57386	52.490	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.980%	
62) 4-Bromofluorobenzene	12.407	95	13663	31.949	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 63.900%	
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	126	Below Cal	#	43
36) 1,1-Dichloropropene	7.701	75	2291	4.022	ug/l #	53
38) Carbon Tetrachloride	7.707	117	2927	4.645	ug/l #	11
51) 4-Methyl-2-Pentanone	10.103	43	346	1.292	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	7004	66.199	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	7004	138.954	ug/l #	12

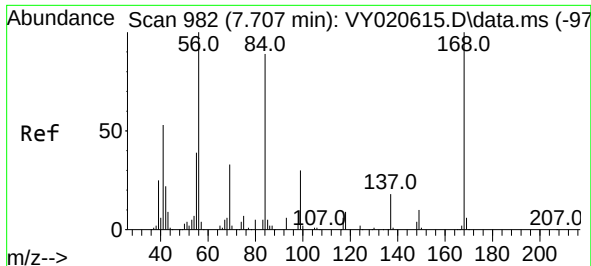
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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OU4-VSL-11-121224RE

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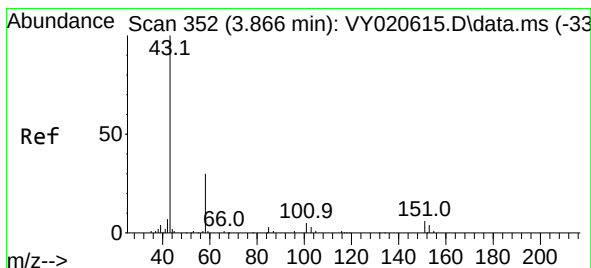
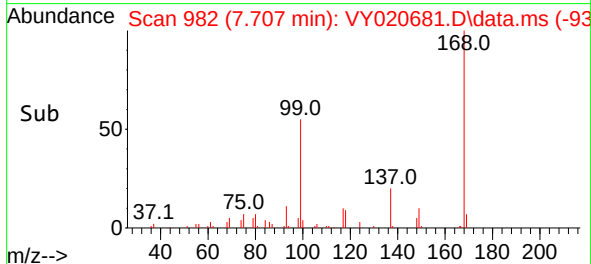
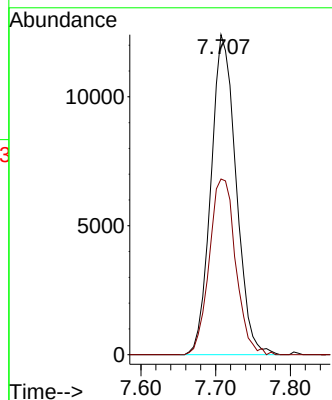
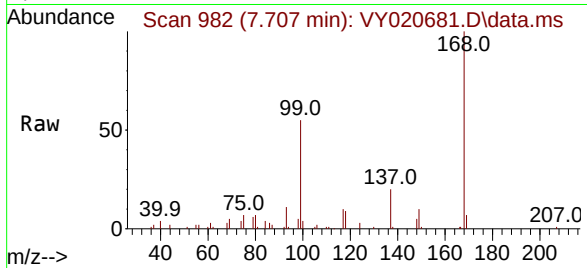




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020681.D
Acq: 20 Dec 2024 19:13

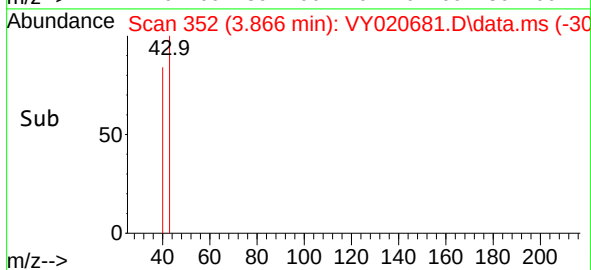
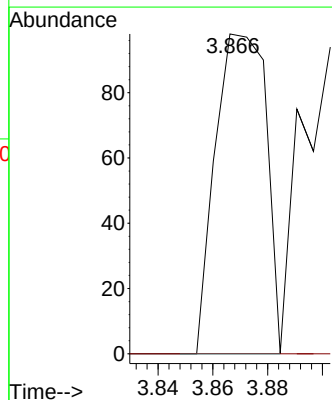
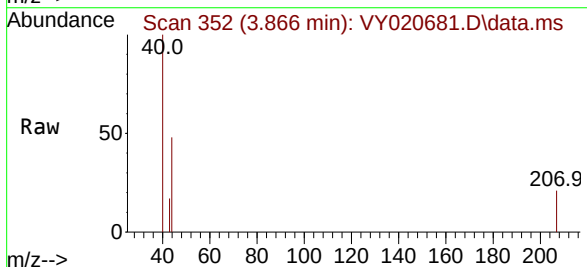
Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-11-121224RE

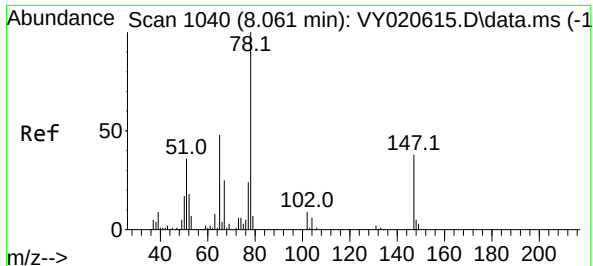
Tgt Ion:168 Resp: 29041
Ion Ratio Lower Upper
168 100
99 54.9 47.0 70.6



#16
Acetone
Concen: Below Cal
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY020681.D
Acq: 20 Dec 2024 19:13

Tgt Ion: 43 Resp: 126
Ion Ratio Lower Upper
43 100
58 0.0 25.0 37.6#





#33

1,2-Dichloroethane-d4

Concen: 52.440 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY020681.D

Acq: 20 Dec 2024 19:13

Instrument :

MSVOA_Y

ClientSampleId :

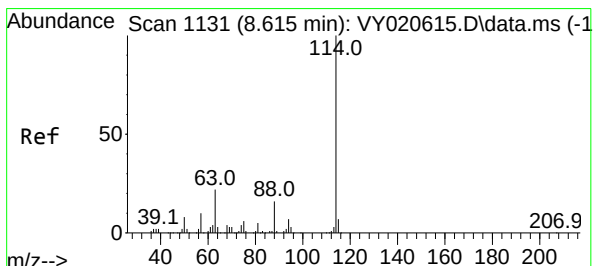
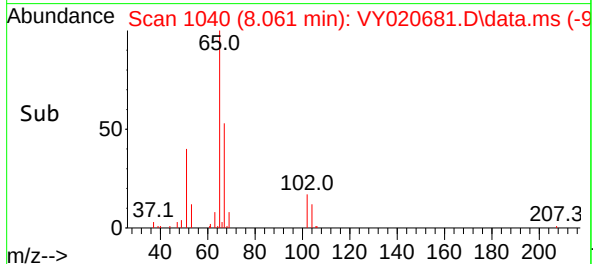
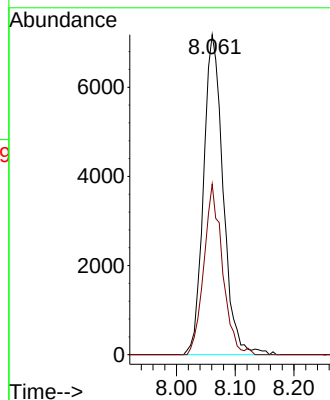
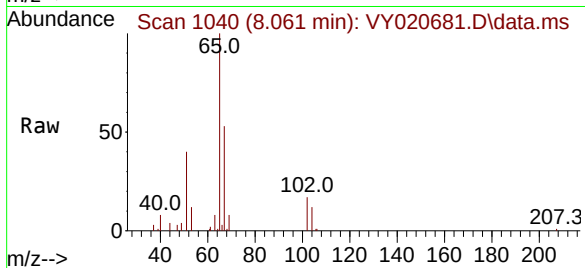
OU4-VSL-11-121224RE

Tgt Ion: 65 Resp: 16679

Ion Ratio Lower Upper

65 100

67 50.4 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020681.D

Acq: 20 Dec 2024 19:13

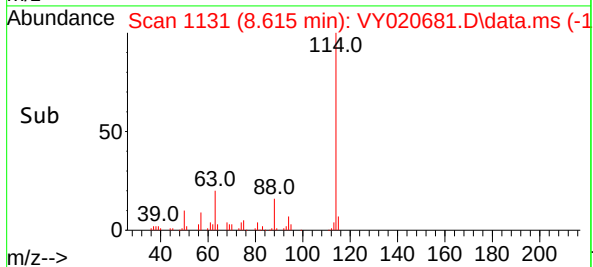
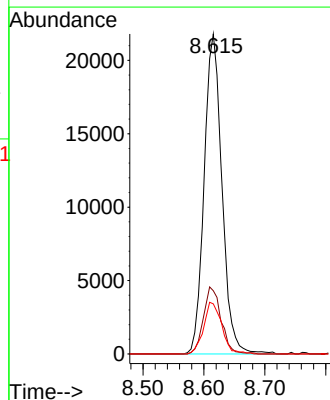
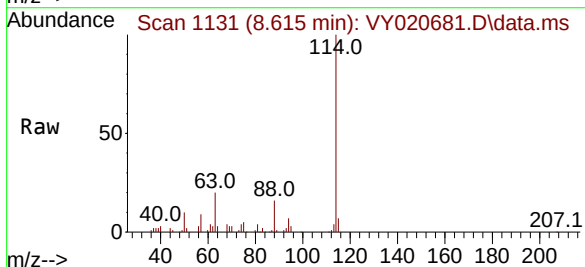
Tgt Ion: 114 Resp: 44319

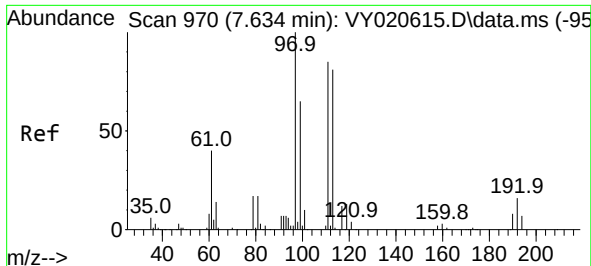
Ion Ratio Lower Upper

114 100

63 19.8 0.0 44.0

88 15.7 0.0 32.8

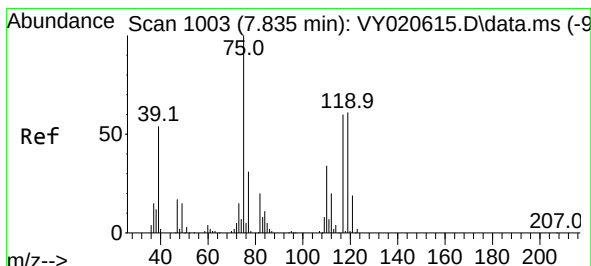
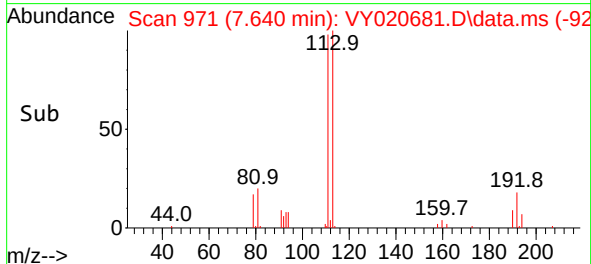
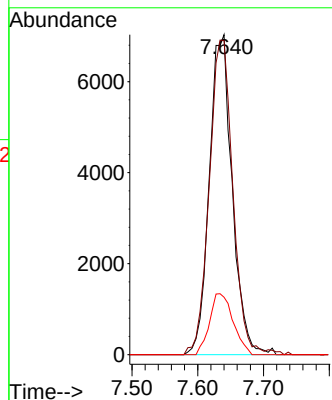
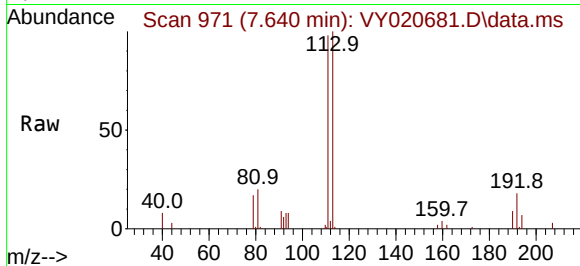




#35
Dibromofluoromethane
Concen: 54.599 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020681.D
Acq: 20 Dec 2024 19:13

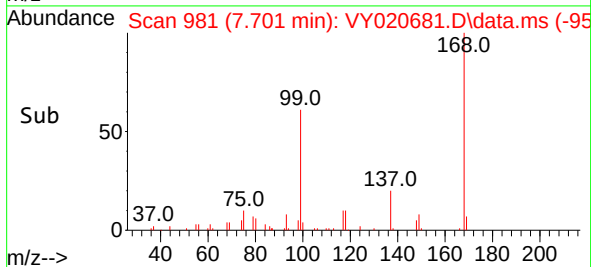
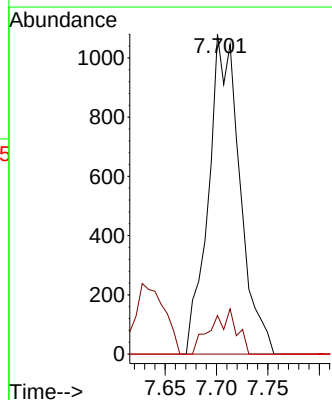
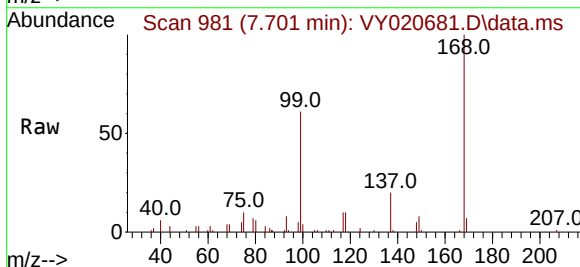
Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-11-121224RE

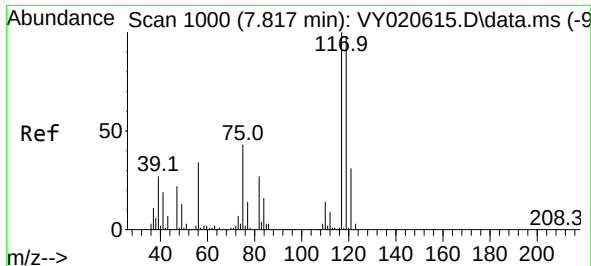
Tgt Ion:113 Resp: 17054
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 19.5 15.7 23.5



#36
1,1-Dichloropropene
Concen: 4.022 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY020681.D
Acq: 20 Dec 2024 19:13

Tgt Ion: 75 Resp: 2291
Ion Ratio Lower Upper
75 100
110 11.6 16.8 50.4#
77 0.0 25.0 37.6#

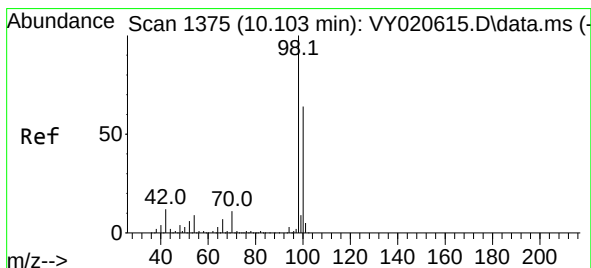
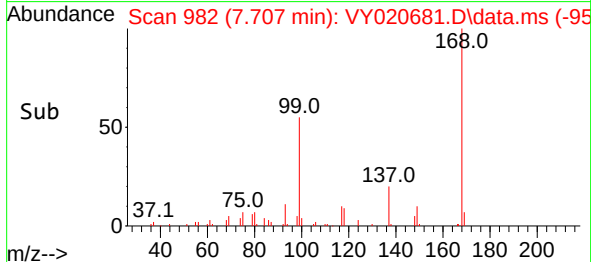
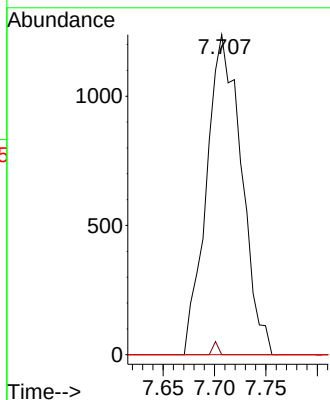
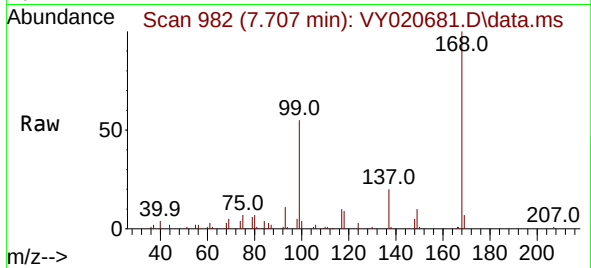




#38
Carbon Tetrachloride
Concen: 4.645 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY020681.D
Acq: 20 Dec 2024 19:13

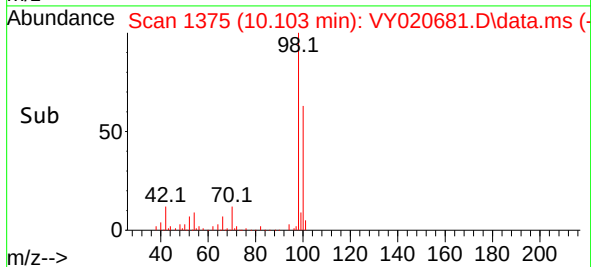
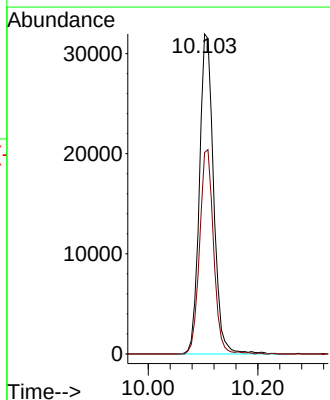
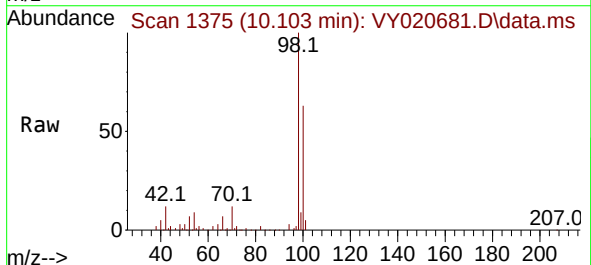
Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-11-121224RE

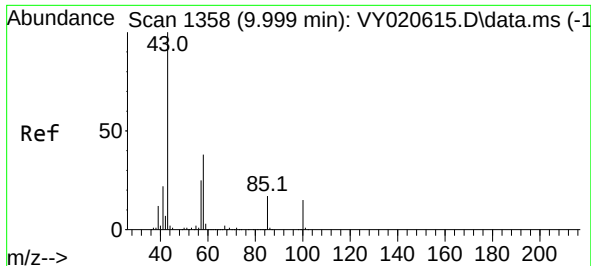
Tgt Ion:117 Resp: 2927
Ion Ratio Lower Upper
117 100
119 0.0 78.3 117.5#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 52.490 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY020681.D
Acq: 20 Dec 2024 19:13

Tgt Ion: 98 Resp: 57386
Ion Ratio Lower Upper
98 100
100 62.9 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 1.292 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.104 min

Lab File: VY020681.D

Acq: 20 Dec 2024 19:13

Instrument :

MSVOA_Y

ClientSampleId :

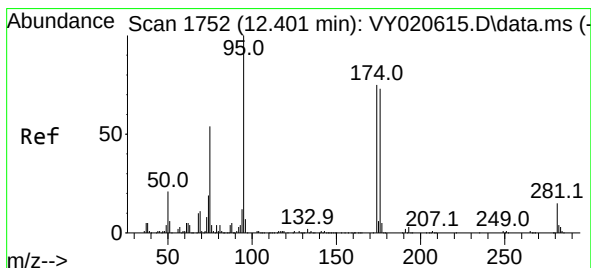
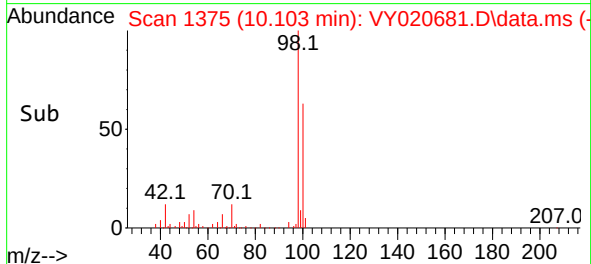
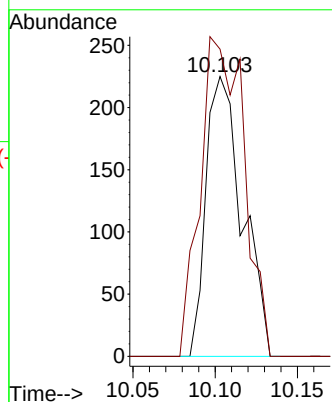
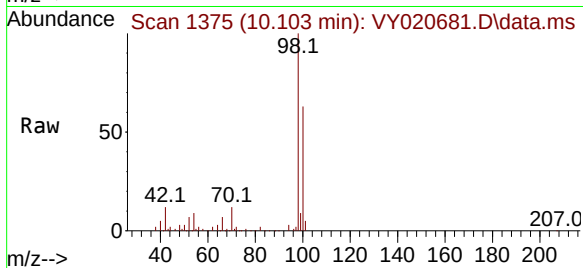
OU4-VSL-11-121224RE

Tgt Ion: 43 Resp: 346

Ion Ratio Lower Upper

43 100

58 137.3 31.4 47.2#



#62

4-Bromofluorobenzene

Concen: 31.949 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020681.D

Acq: 20 Dec 2024 19:13

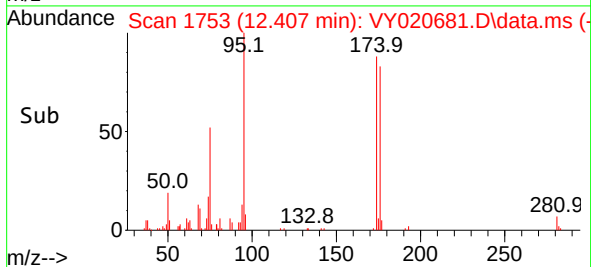
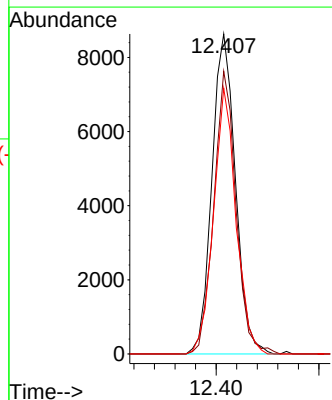
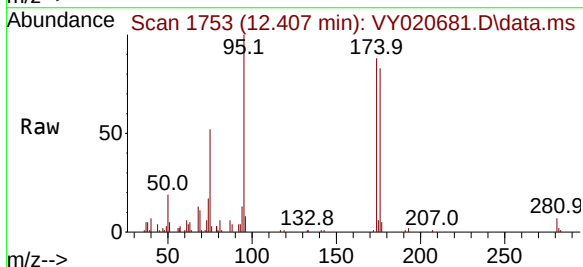
Tgt Ion: 95 Resp: 13663

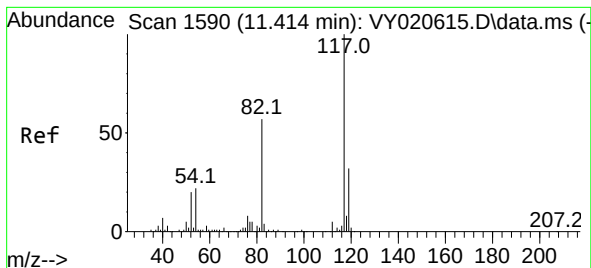
Ion Ratio Lower Upper

95 100

174 83.5 0.0 161.8

176 79.5 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020681.D

Acq: 20 Dec 2024 19:13

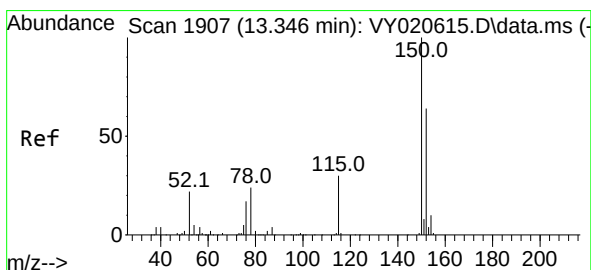
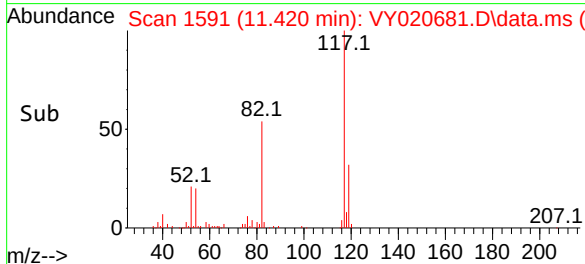
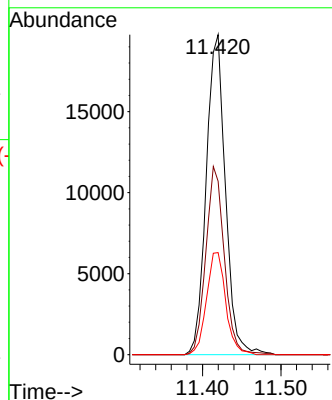
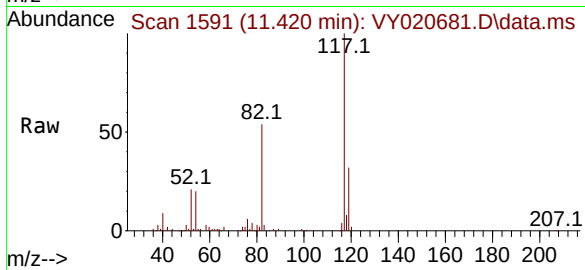
Instrument :

MSVOA_Y

ClientSampleId :

OU4-VSL-11-121224RE

Tgt Ion:117	Resp:	33564
Ion	Ratio	Lower Upper
117	100	
82	54.2	45.8 68.6
119	31.9	25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

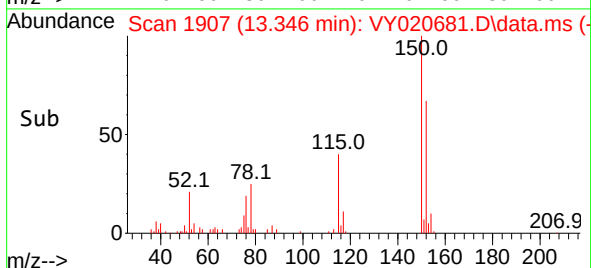
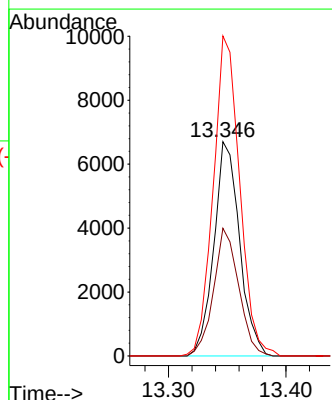
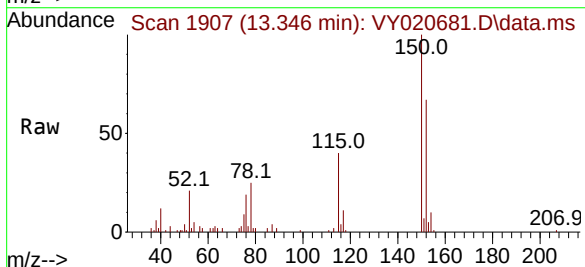
RT: 13.346 min Scan# 1907

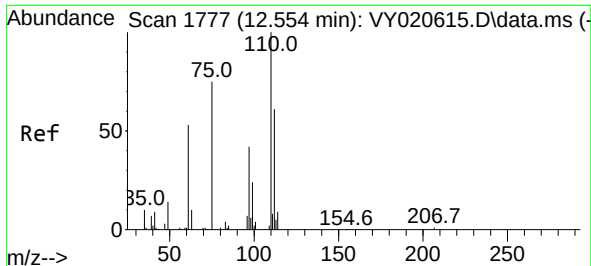
Delta R.T. 0.000 min

Lab File: VY020681.D

Acq: 20 Dec 2024 19:13

Tgt Ion:152	Resp:	10185
Ion	Ratio	Lower Upper
152	100	
115	58.3	30.2 90.6
150	153.7	0.0 355.4

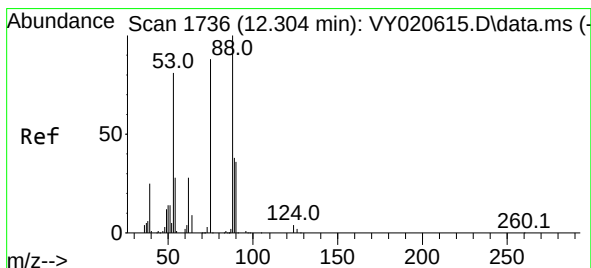
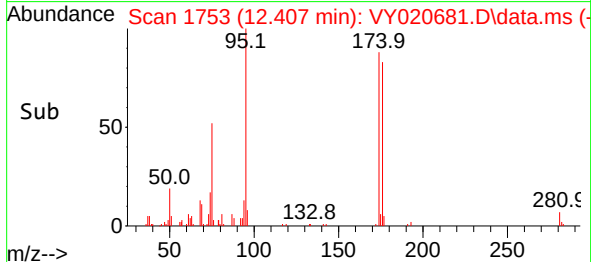
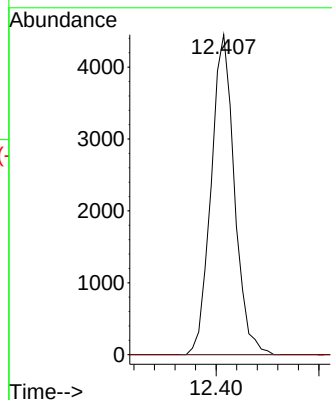
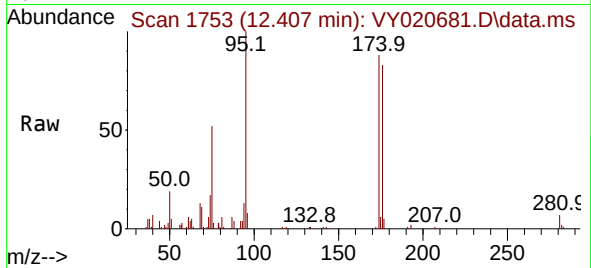




#76
1,2,3-Trichloropropane
Concen: 66.199 ug/l
RT: 12.407 min Scan# 1777
Delta R.T. -0.146 min
Lab File: VY020681.D
Acq: 20 Dec 2024 19:13

Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-11-121224RE

Tgt Ion: 75 Resp: 7004
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 138.954 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020681.D
Acq: 20 Dec 2024 19:13

Tgt Ion: 75 Resp: 7004
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 37.0 55.4#

