

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
 Data File : VY020665.D
 Acq On : 20 Dec 2024 11:24
 Operator : SY/MD
 Sample : VY1220SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 18:08:17 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)

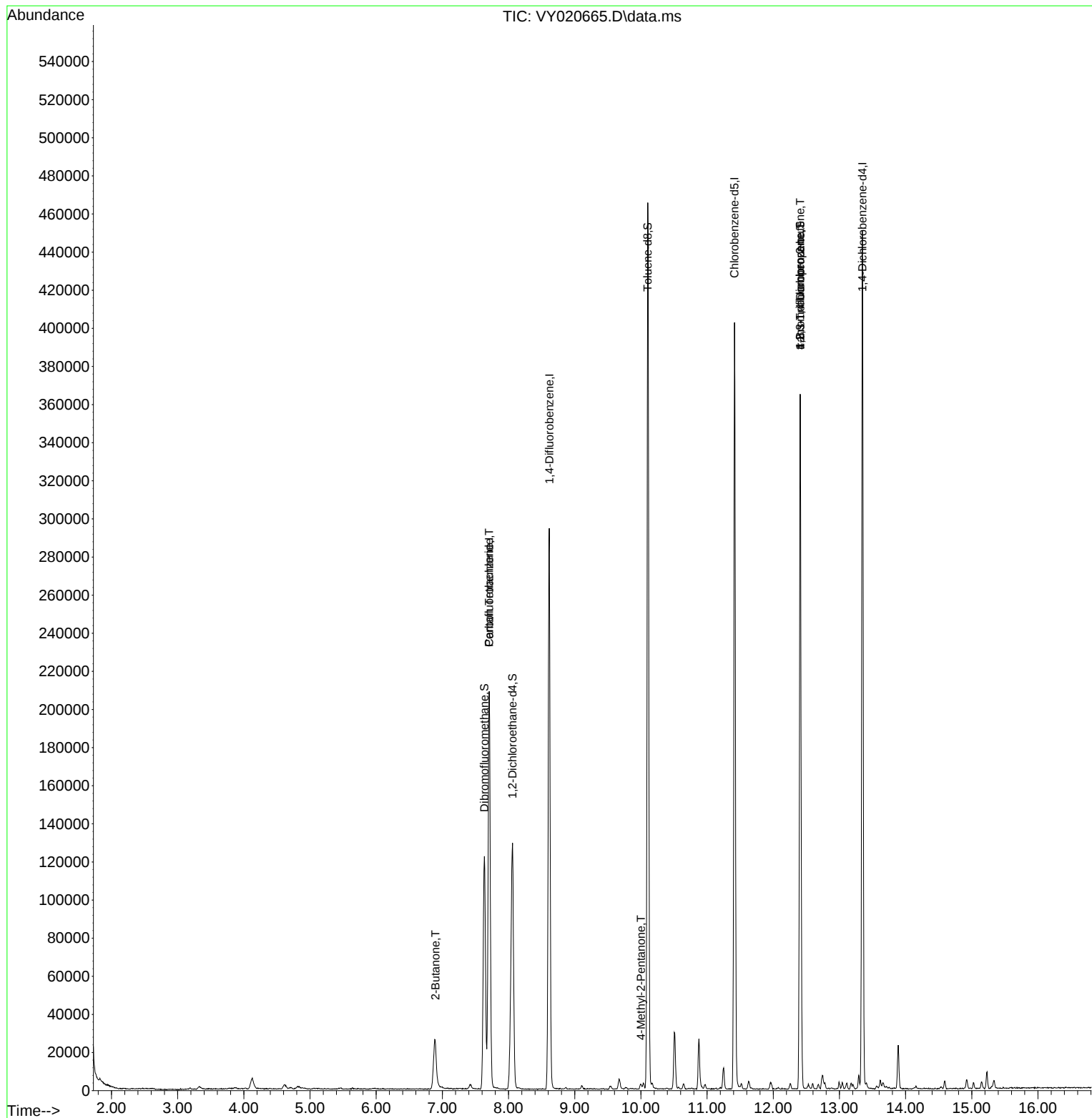
Internal Standards						
1) Pentafluorobenzene	7.707	168	159056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	246351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	208495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	109647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	85448	49.052	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.100%
35) Dibromofluoromethane	7.634	113	88079	50.730	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.460%
50) Toluene-d8	10.103	98	302895	49.843	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.408	95	105889	44.544	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	89.080%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.818	59	1005	Below Cal	#	75
16) Acetone	3.867	43	1011	Below Cal	#	43
25) 2-Butanone	6.896	43	1764	2.725	ug/l #	49
30) Chloroform	7.415	83	2316	Below Cal		95
38) Carbon Tetrachloride	7.707	117	16124	4.603	ug/l #	15
51) 4-Methyl-2-Pentanone	10.000	43	2233	1.501	ug/l	94
76) 1,2,3-Trichloropropane	12.408	75	57181	50.202	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	57181	105.376	ug/l #	12

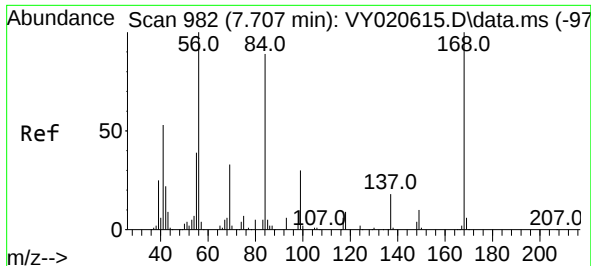
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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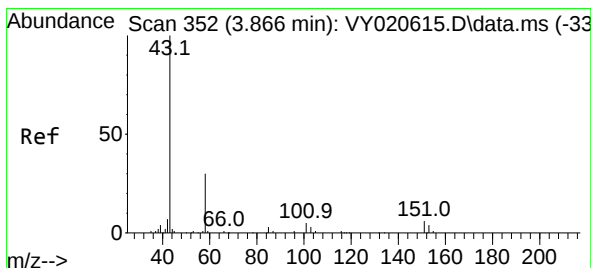
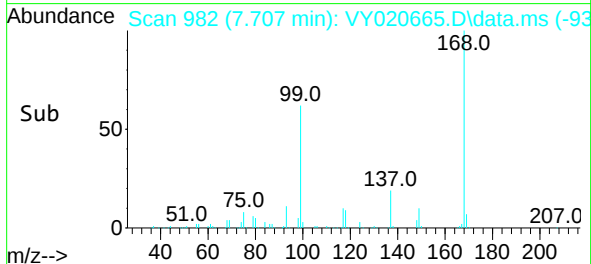
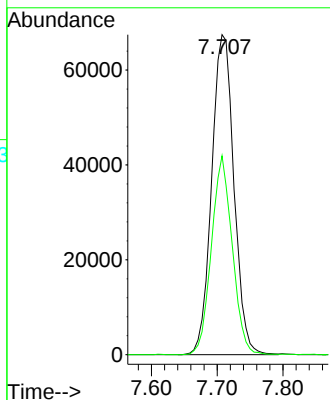
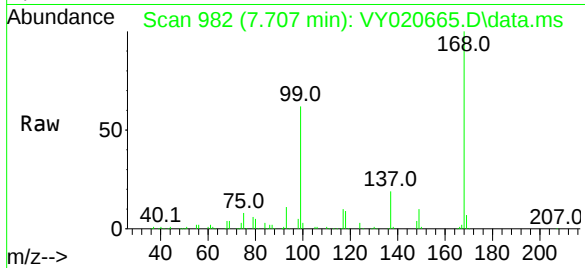




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020665.D
Acq: 20 Dec 2024 11:24

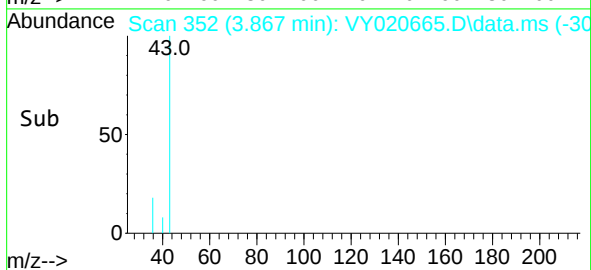
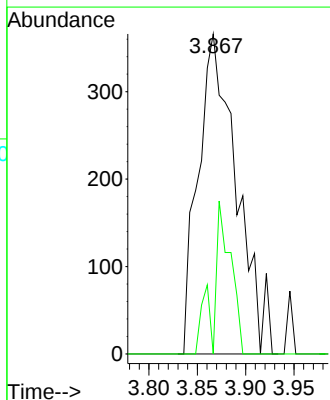
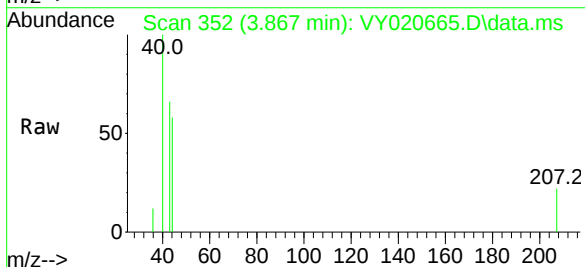
Instrument :
MSVOA_Y
ClientSampleId :

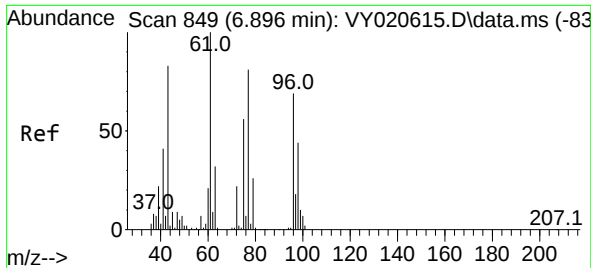
Tgt Ion:168 Resp: 159056
Ion Ratio Lower Upper
168 100
99 62.1 47.0 70.6



#16
Acetone
Concen: Below Cal
RT: 3.867 min Scan# 352
Delta R.T. 0.001 min
Lab File: VY020665.D
Acq: 20 Dec 2024 11:24

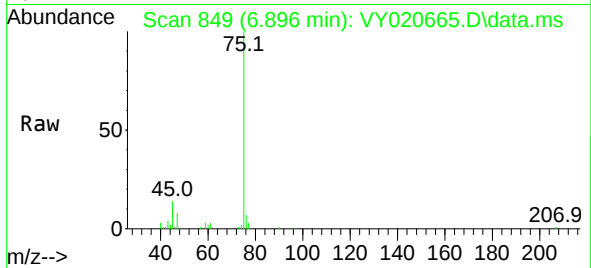
Tgt Ion: 43 Resp: 1011
Ion Ratio Lower Upper
43 100
58 0.0 25.0 37.6#



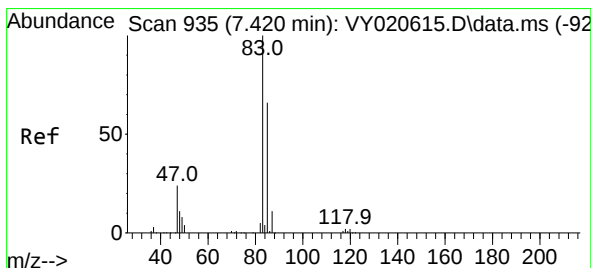
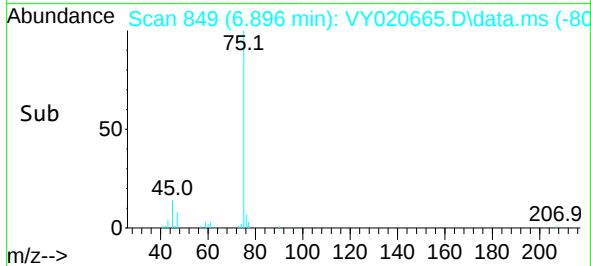
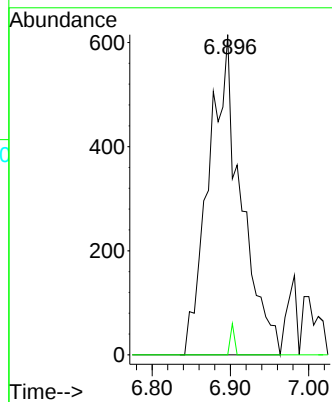


#25
2-Butanone
Concen: 2.725 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY020665.D
Acq: 20 Dec 2024 11:24

Instrument :
MSVOA_Y
ClientSampleId :

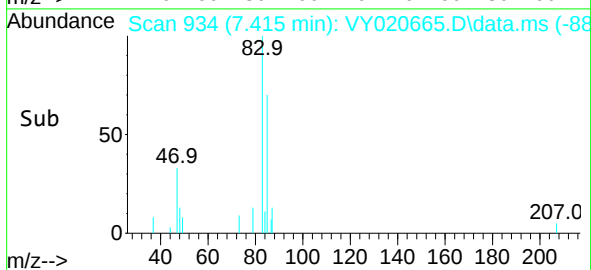
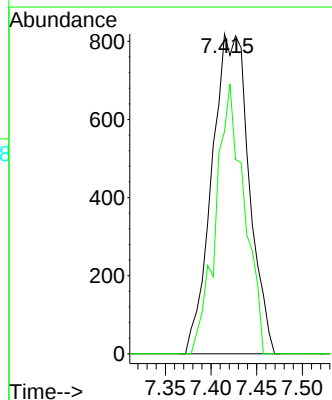
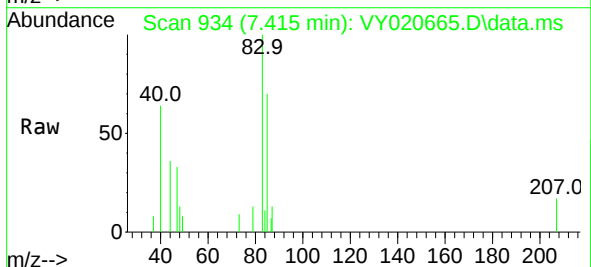


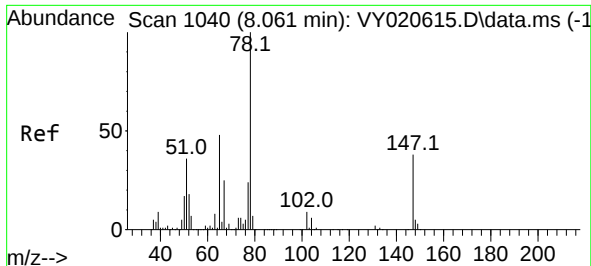
Tgt Ion: 43 Resp: 1764
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#



#30
Chloroform
Concen: Below Cal
RT: 7.415 min Scan# 934
Delta R.T. -0.005 min
Lab File: VY020665.D
Acq: 20 Dec 2024 11:24

Tgt Ion: 83 Resp: 2316
Ion Ratio Lower Upper
83 100
85 69.6 52.7 79.1





#33

1,2-Dichloroethane-d4

Concen: 49.052 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY020665.D

Acq: 20 Dec 2024 11:24

Instrument :

MSVOA_Y

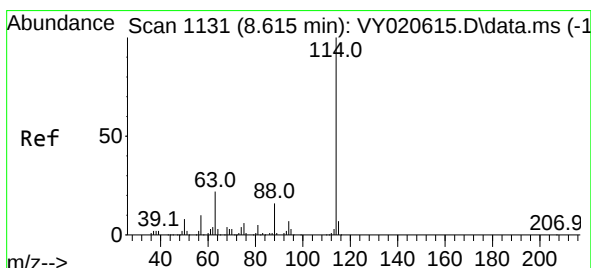
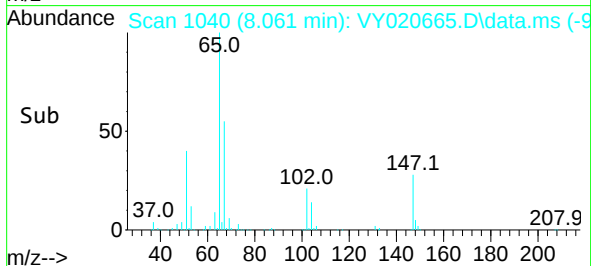
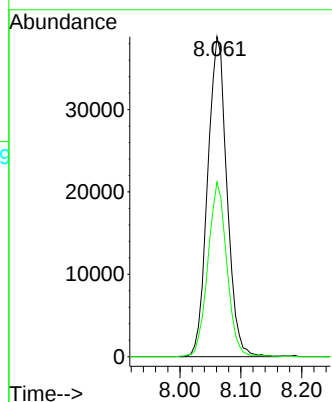
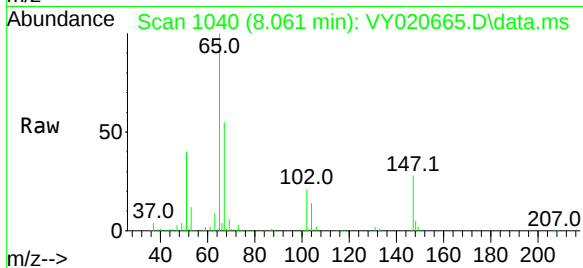
ClientSampleId :

Tgt Ion: 65 Resp: 85448

Ion Ratio Lower Upper

65 100

67 53.5 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020665.D

Acq: 20 Dec 2024 11:24

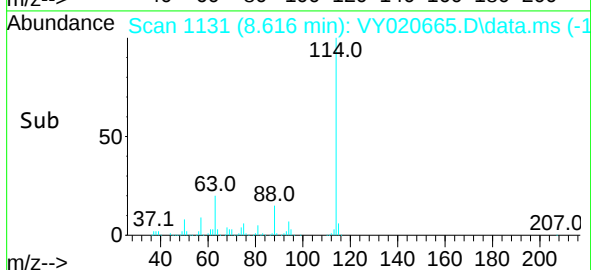
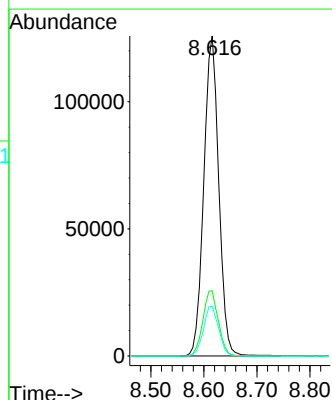
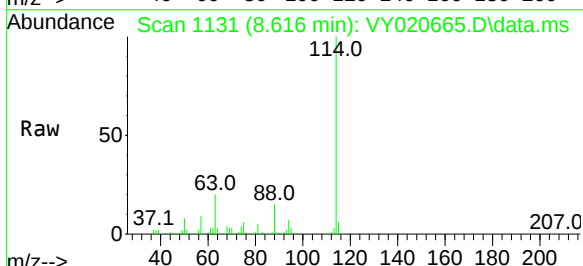
Tgt Ion: 114 Resp: 246351

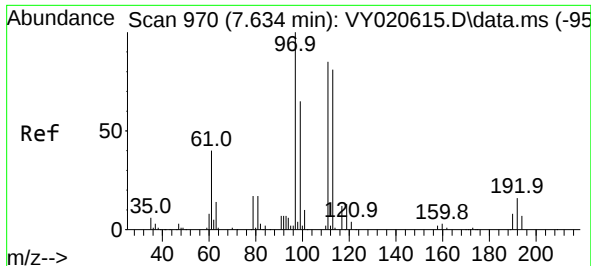
Ion Ratio Lower Upper

114 100

63 20.4 0.0 44.0

88 15.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.730 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

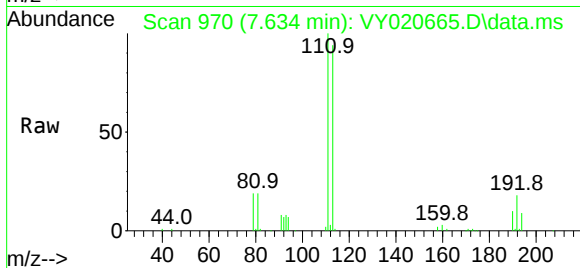
Lab File: VY020665.D

Acq: 20 Dec 2024 11:24

Instrument :

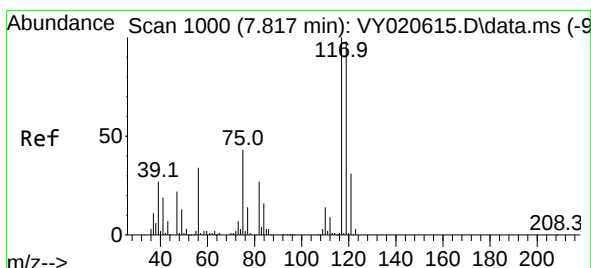
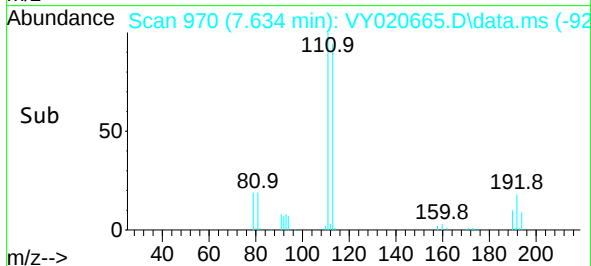
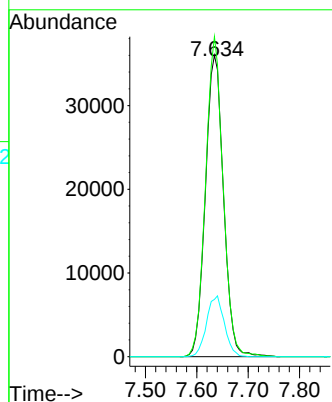
MSVOA_Y

ClientSampleId :



Tgt Ion:113 Resp: 88079

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	19.9	15.7	23.5



#38

Carbon Tetrachloride

Concen: 4.603 ug/l

RT: 7.707 min Scan# 982

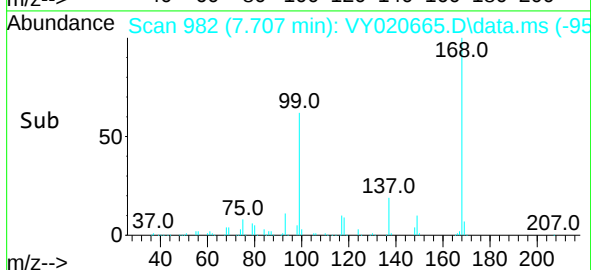
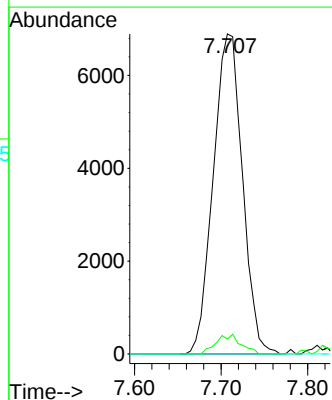
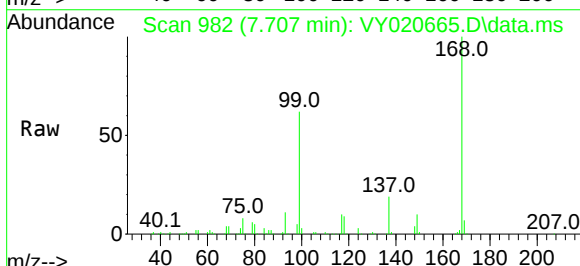
Delta R.T. -0.109 min

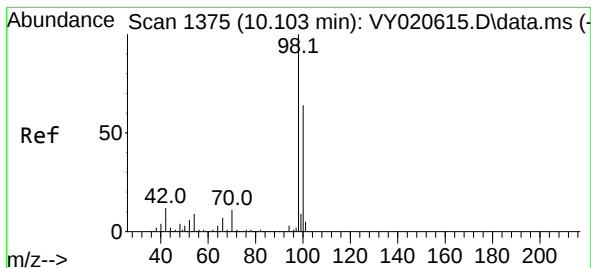
Lab File: VY020665.D

Acq: 20 Dec 2024 11:24

Tgt Ion:117 Resp: 16124

Ion	Ratio	Lower	Upper
117	100		
119	4.6	78.3	117.5#
121	0.0	25.1	37.7#





#50

Toluene-d8

Concen: 49.843 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020665.D

Acq: 20 Dec 2024 11:24

Instrument :

MSVOA_Y

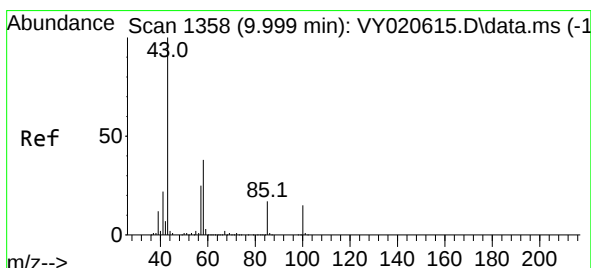
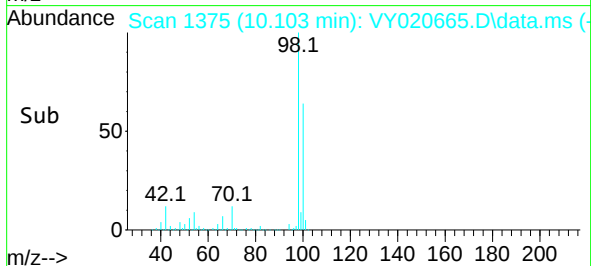
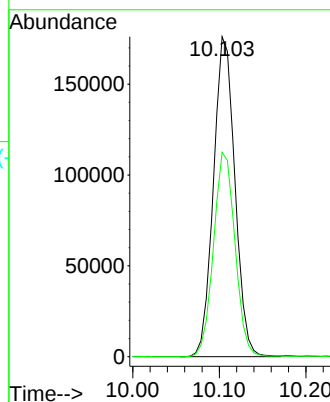
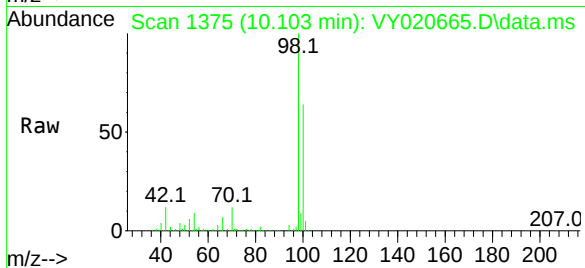
ClientSampleId :

Tgt Ion: 98 Resp: 302895

Ion Ratio Lower Upper

98 100

100 64.2 52.1 78.1



#51

4-Methyl-2-Pentanone

Concen: 1.501 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY020665.D

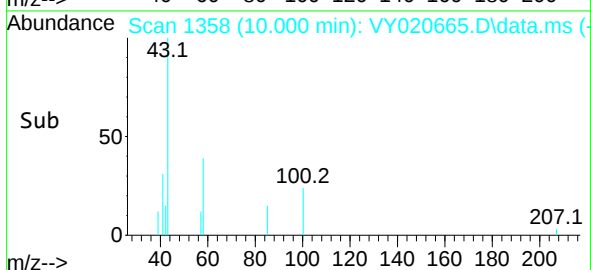
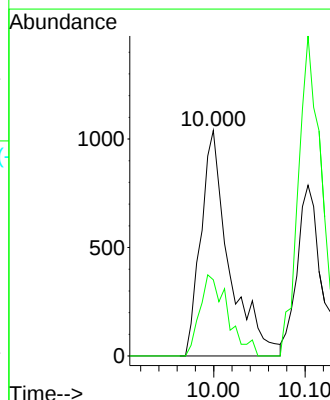
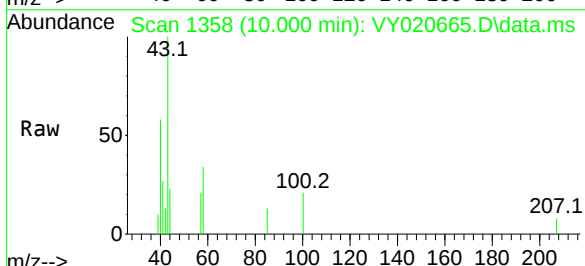
Acq: 20 Dec 2024 11:24

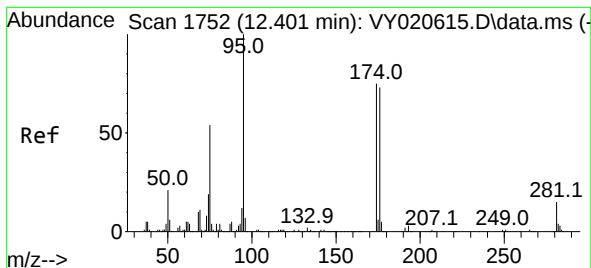
Tgt Ion: 43 Resp: 2233

Ion Ratio Lower Upper

43 100

58 35.8 31.4 47.2

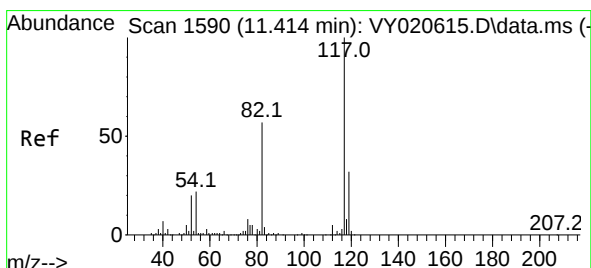
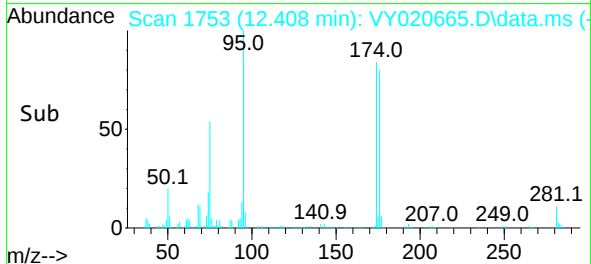
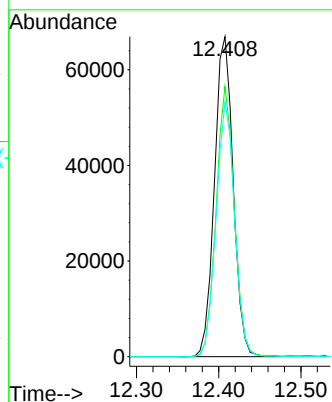
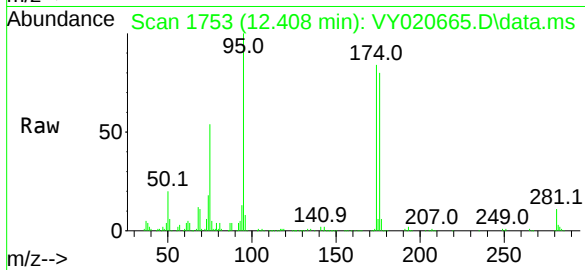




#62
4-Bromofluorobenzene
Concen: 44.544 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020665.D
Acq: 20 Dec 2024 11:24

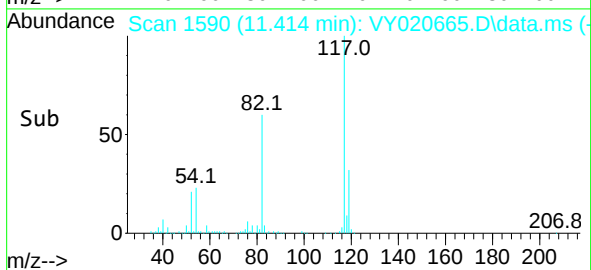
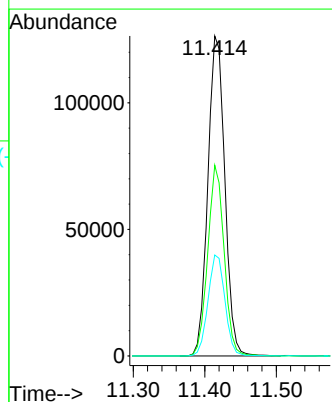
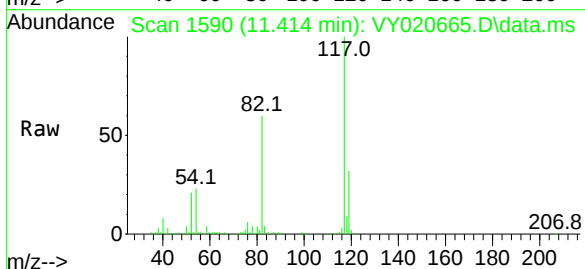
Instrument :
MSVOA_Y
ClientSampleId :

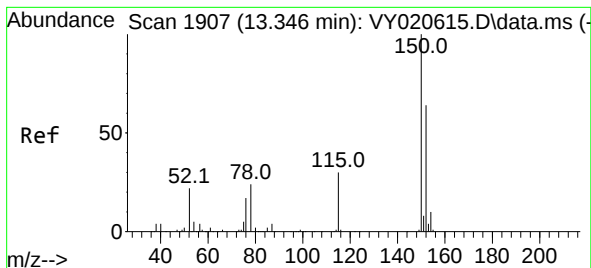
Tgt Ion: 95 Resp: 105889
Ion Ratio Lower Upper
95 100
174 82.4 0.0 161.8
176 78.6 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY020665.D
Acq: 20 Dec 2024 11:24

Tgt Ion: 117 Resp: 208495
Ion Ratio Lower Upper
117 100
82 59.6 45.8 68.6
119 31.5 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

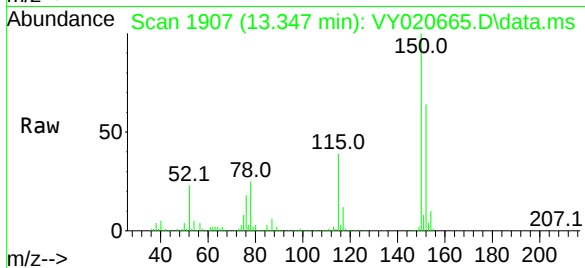
Lab File: VY020665.D

Acq: 20 Dec 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :



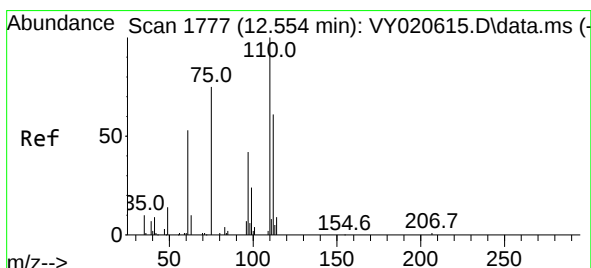
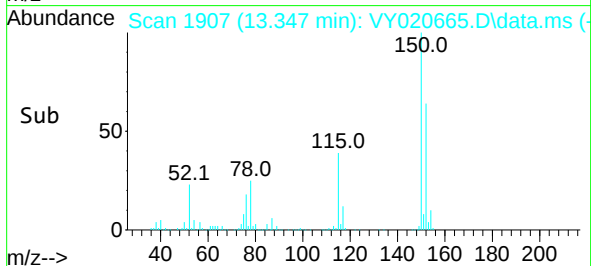
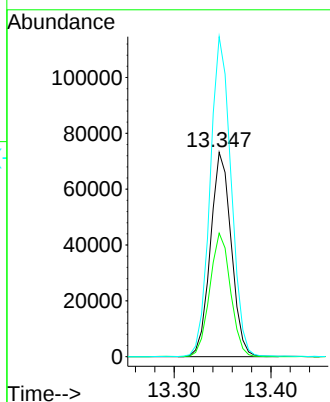
Tgt Ion:152 Resp: 109647

Ion Ratio Lower Upper

152 100

115 60.0 30.2 90.6

150 158.3 0.0 355.4



#76

1,2,3-Trichloropropane

Concen: 50.202 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY020665.D

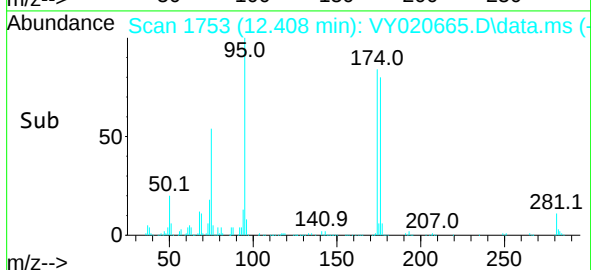
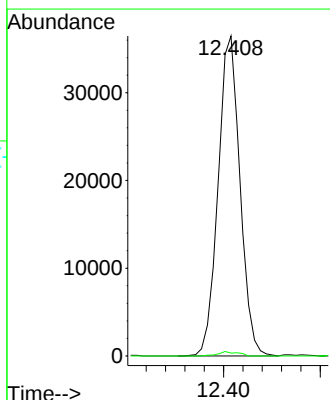
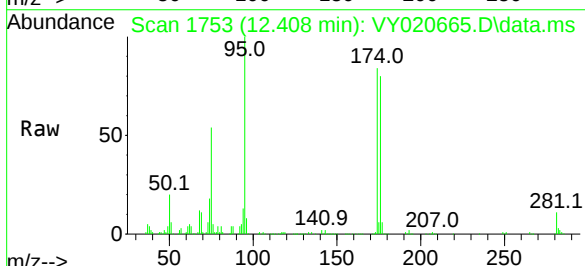
Acq: 20 Dec 2024 11:24

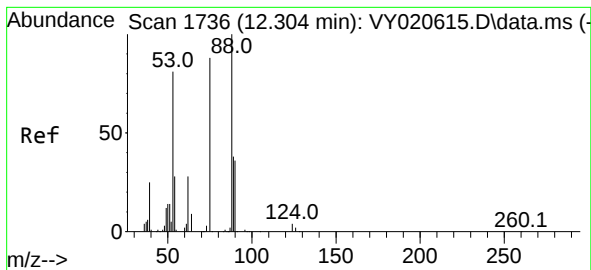
Tgt Ion: 75 Resp: 57181

Ion Ratio Lower Upper

75 100

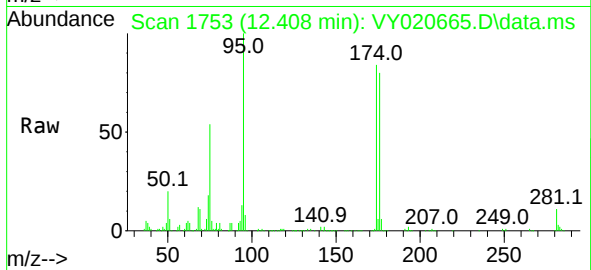
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 105.376 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY020665.D
Acq: 20 Dec 2024 11:24

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.4	113.2#
89	0.1	37.0	55.4#

