

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112524\
 Data File : VY020437.D
 Acq On : 25 Nov 2024 18:07
 Operator : SY/MD
 Sample : P4971-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 26 00:47:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

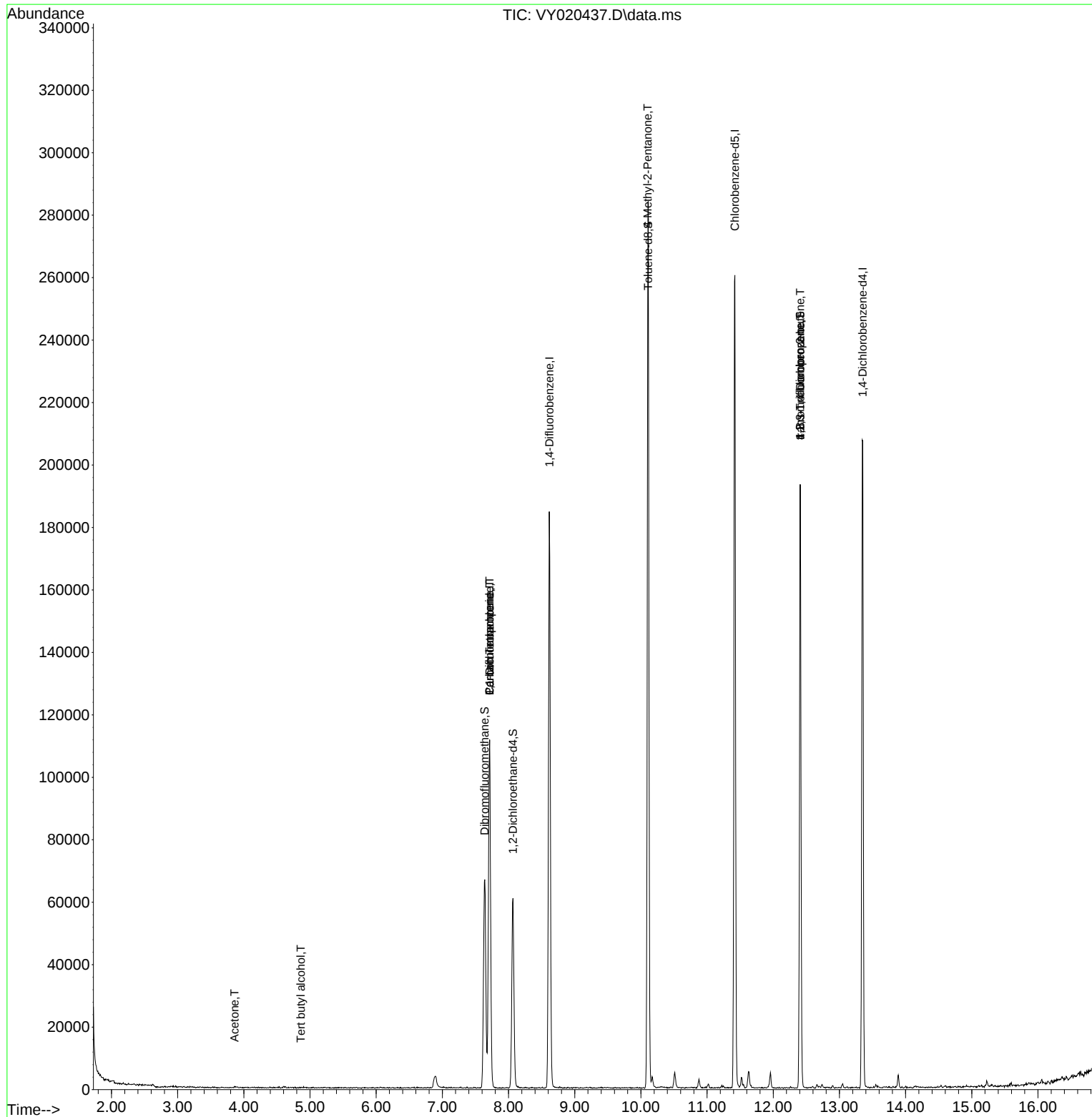
Internal Standards						
1) Pentafluorobenzene	7.713	168	82017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	151829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	139059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	53469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	50142	53.213	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.420%	
35) Dibromofluoromethane	7.640	113	47515	48.805	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.600%	
50) Toluene-d8	10.109	98	179708	46.859	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.720%	
62) 4-Bromofluorobenzene	12.408	95	58014	47.056	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 94.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.080	50	20	Below Cal	#	41
11) Tert butyl alcohol	4.860	59	131	1.143	ug/l #	73
16) Acetone	3.860	43	229	1.014	ug/l #	43
36) 1,1-Dichloropropene	7.713	75	7168	4.820	ug/l #	52
38) Carbon Tetrachloride	7.713	117	9190	5.919	ug/l #	16
51) 4-Methyl-2-Pentanone	10.103	43	899	1.337	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	32411	64.312	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	32411	126.017	ug/l #	9

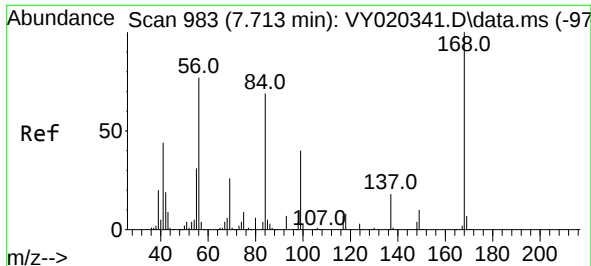
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112524\
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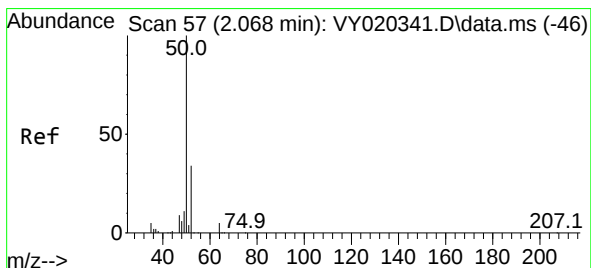
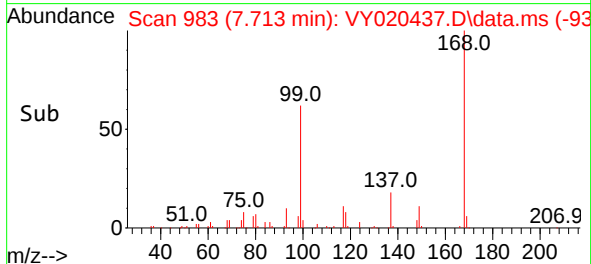
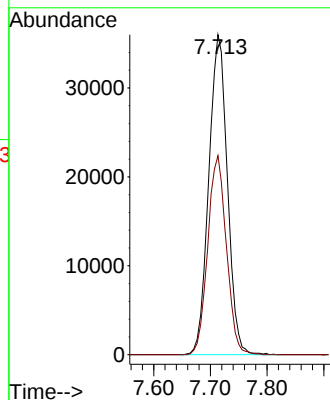
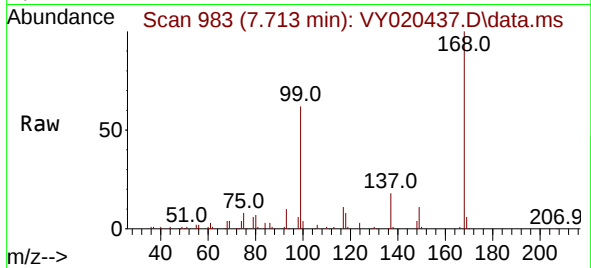




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020437.D
Acq: 25 Nov 2024 18:07

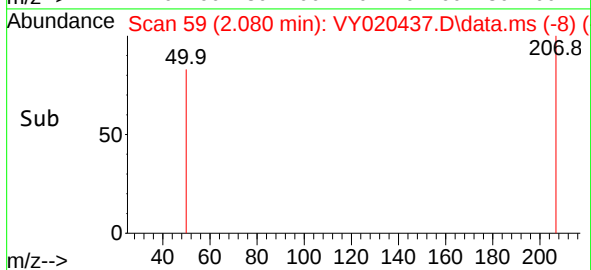
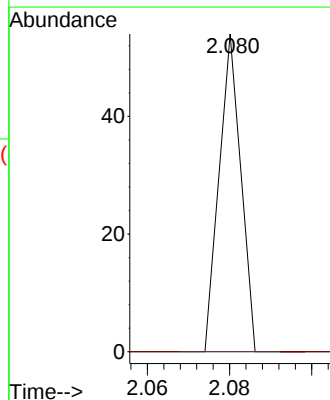
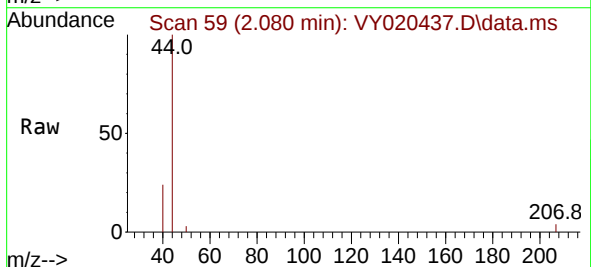
Instrument :
MSVOA_Y
ClientSampleId :

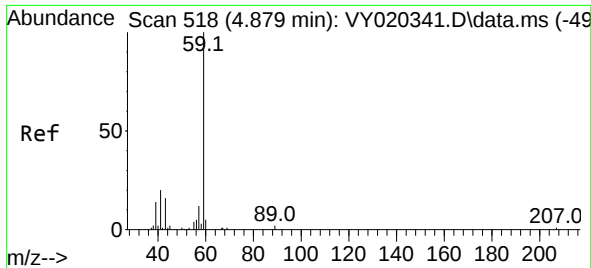
Tgt Ion:168 Resp: 82017
Ion Ratio Lower Upper
168 100
99 62.2 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.080 min Scan# 59
Delta R.T. 0.012 min
Lab File: VY020437.D
Acq: 25 Nov 2024 18:07

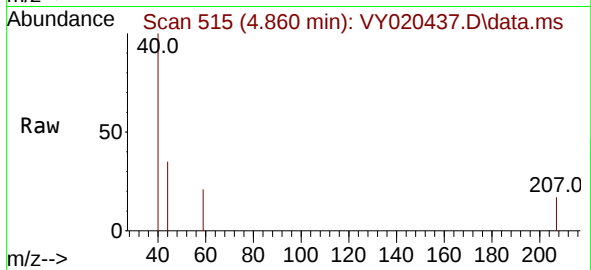
Tgt Ion: 50 Resp: 20
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



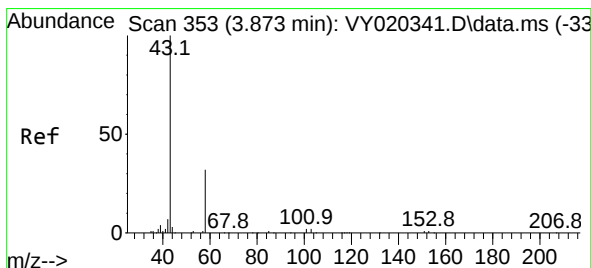
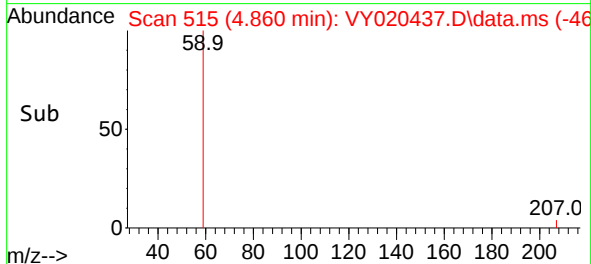
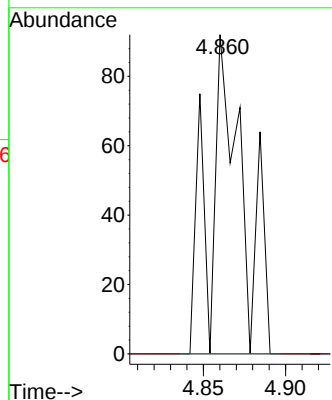


#11
Tert butyl alcohol
Concen: 1.143 ug/l
RT: 4.860 min Scan# 518
Delta R.T. -0.018 min
Lab File: VY020437.D
Acq: 25 Nov 2024 18:07

Instrument :
MSVOA_Y
ClientSampleId :

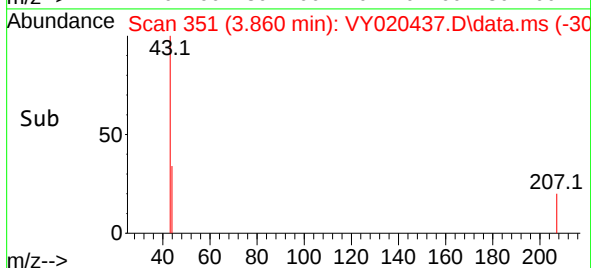
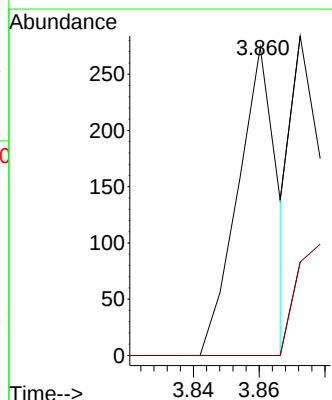
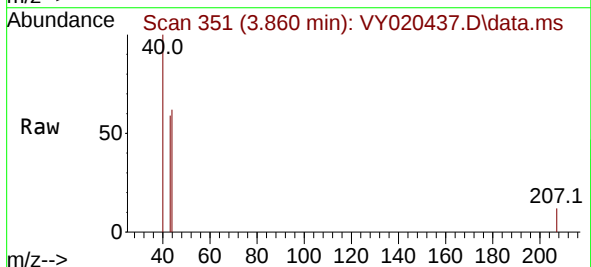


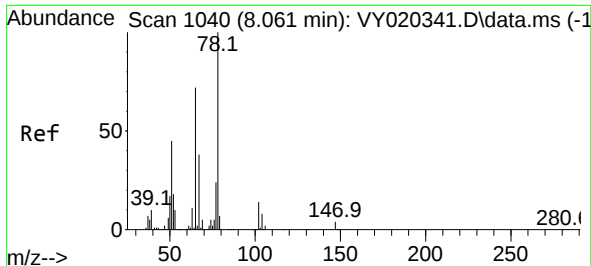
Tgt Ion: 59 Resp: 131
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 1.014 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY020437.D
Acq: 25 Nov 2024 18:07

Tgt Ion: 43 Resp: 229
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#





#33

1,2-Dichloroethane-d4

Concen: 53.213 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY020437.D

Acq: 25 Nov 2024 18:07

Instrument :

MSVOA_Y

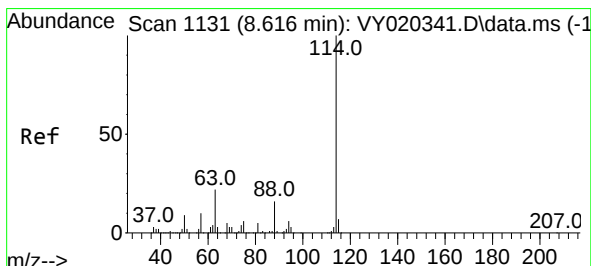
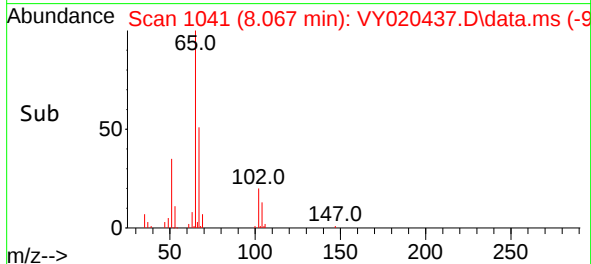
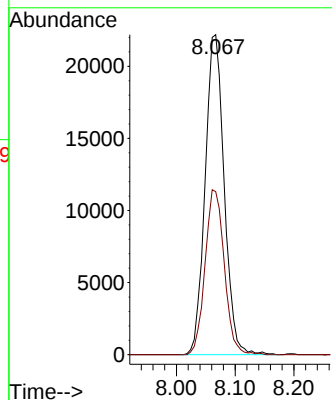
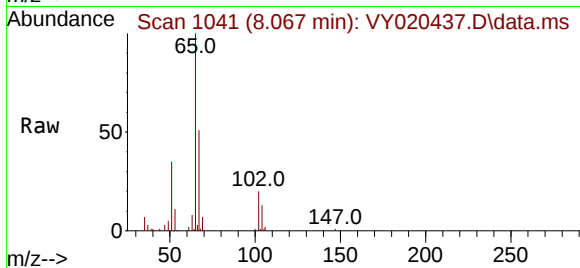
ClientSampleId :

Tgt Ion: 65 Resp: 50142

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY020437.D

Acq: 25 Nov 2024 18:07

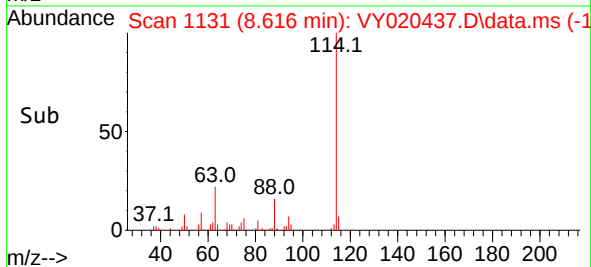
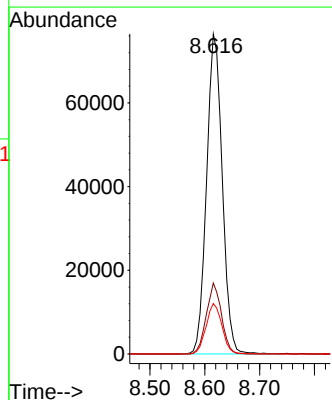
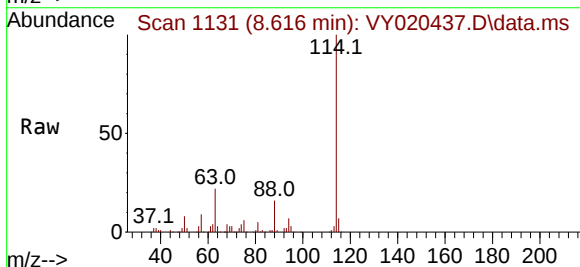
Tgt Ion: 114 Resp: 151829

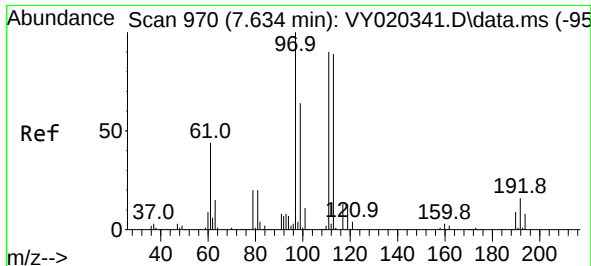
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.8

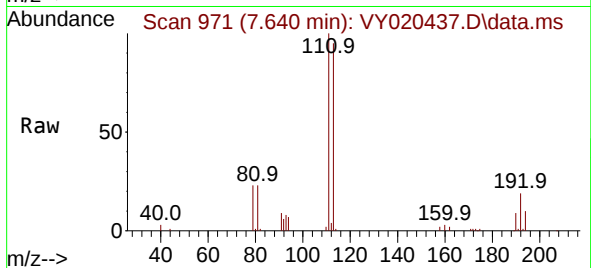
88 15.7 0.0 32.0



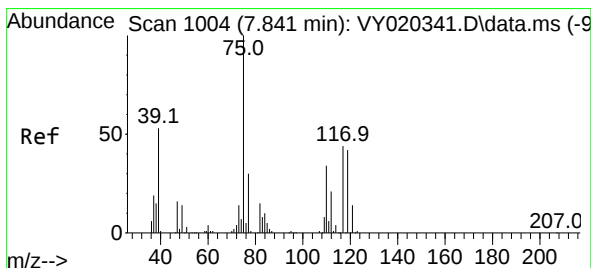
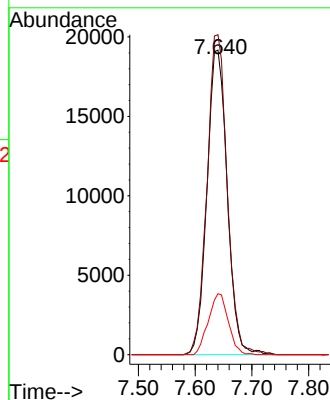
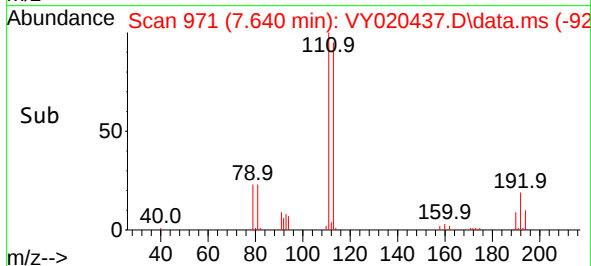


#35
Dibromofluoromethane
Concen: 48.805 ug/l
RT: 7.640 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY020437.D
Acq: 25 Nov 2024 18:07

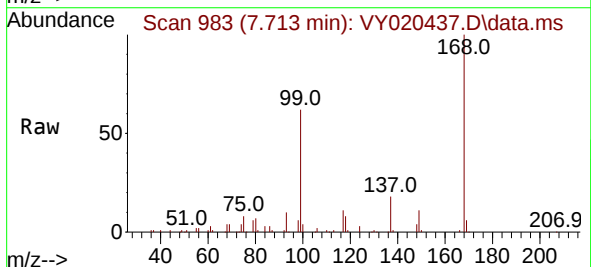
Instrument :
MSVOA_Y
ClientSampleId :



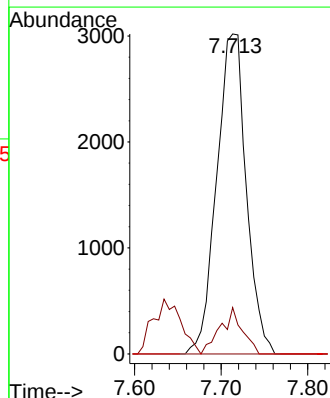
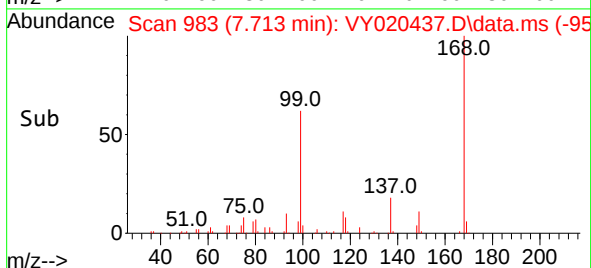
Tgt Ion:113 Resp: 47515
Ion Ratio Lower Upper
113 100
111 104.4 81.4 122.0
192 19.7 15.1 22.7

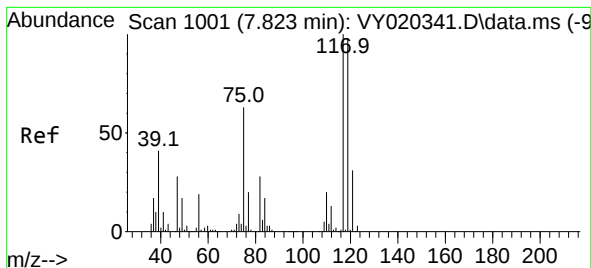


#36
1,1-Dichloropropene
Concen: 4.820 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY020437.D
Acq: 25 Nov 2024 18:07



Tgt Ion: 75 Resp: 7168
Ion Ratio Lower Upper
75 100
110 10.7 16.7 50.0#
77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.919 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.110 min

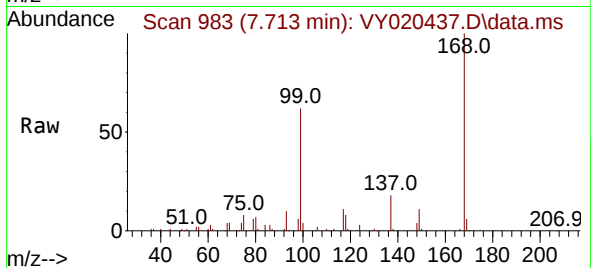
Lab File: VY020437.D

Acq: 25 Nov 2024 18:07

Instrument :

MSVOA_Y

ClientSampleId :



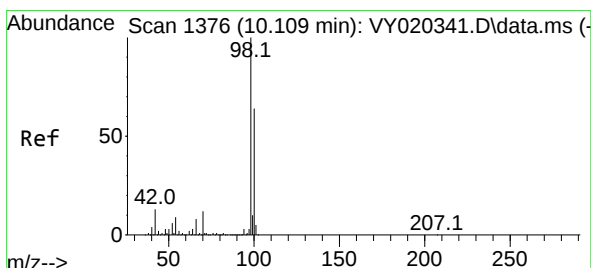
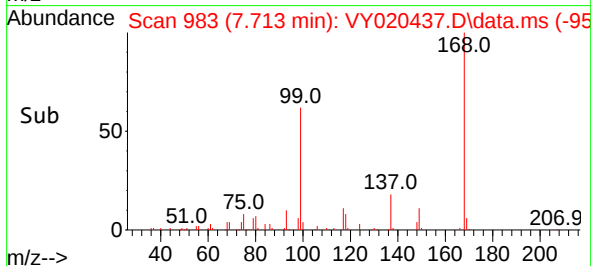
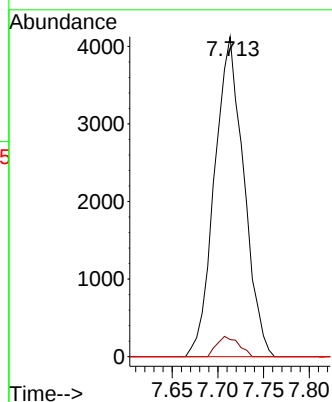
Tgt Ion:117 Resp: 9190

Ion Ratio Lower Upper

117 100

119 5.4 77.8 116.6#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 46.859 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020437.D

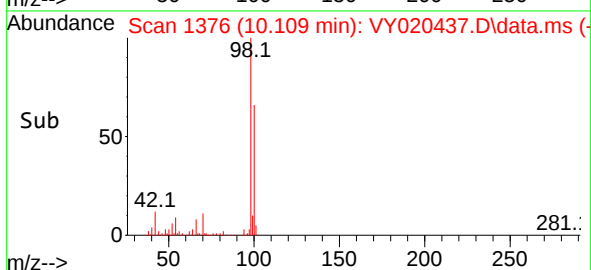
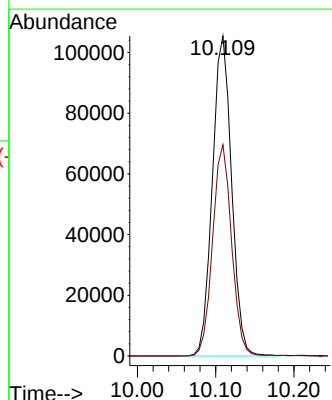
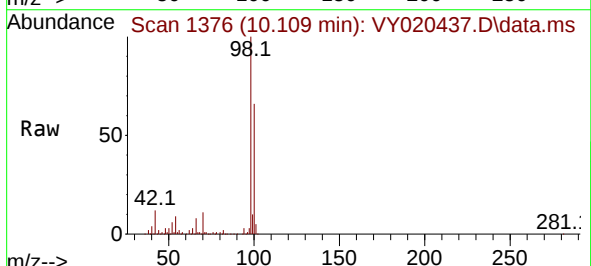
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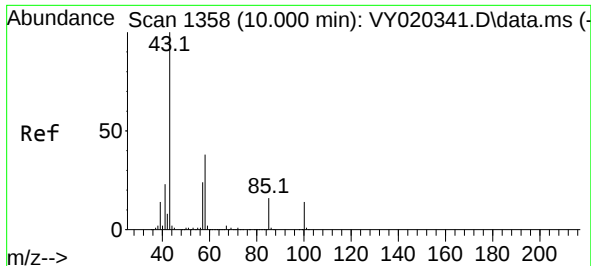
Tgt Ion: 98 Resp: 179708

Ion Ratio Lower Upper

98 100

100 65.3 51.3 76.9

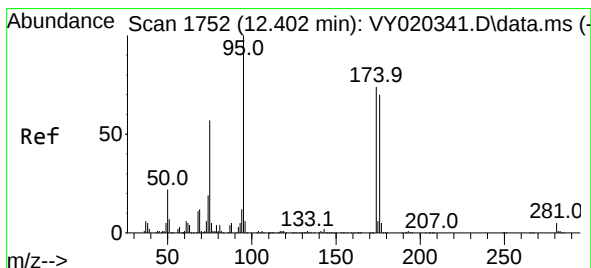
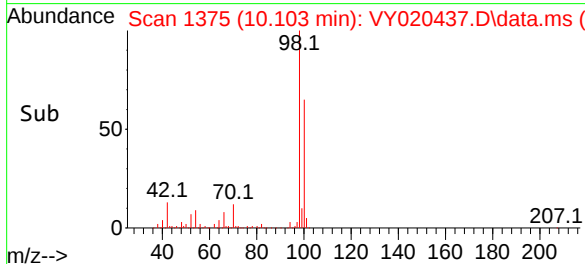
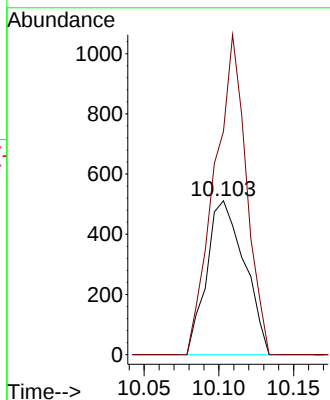
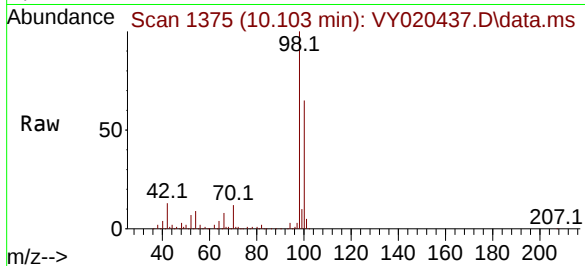




#51
4-Methyl-2-Pentanone
Concen: 1.337 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY020437.D
Acq: 25 Nov 2024 18:07

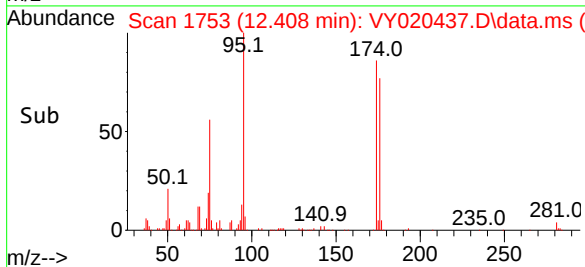
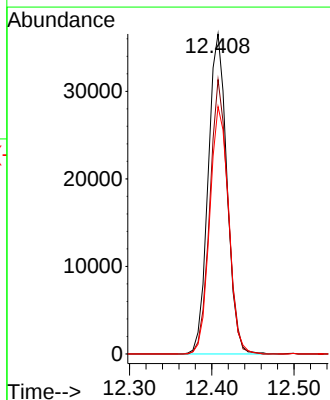
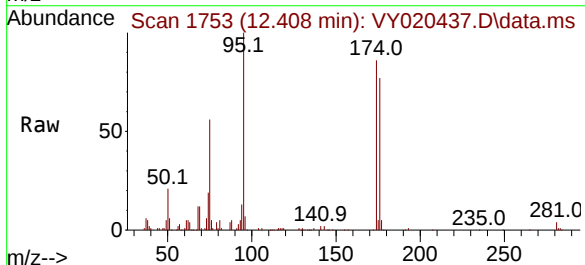
Instrument :
MSVOA_Y
ClientSampleId :

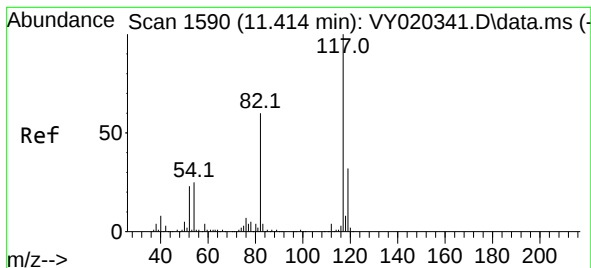
Tgt Ion: 43 Resp: 899
Ion Ratio Lower Upper
43 100
58 175.3 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 47.056 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020437.D
Acq: 25 Nov 2024 18:07

Tgt Ion: 95 Resp: 58014
Ion Ratio Lower Upper
95 100
174 82.4 0.0 156.8
176 77.8 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020437.D

Acq: 25 Nov 2024 18:07

Instrument :

MSVOA_Y

ClientSampleId :

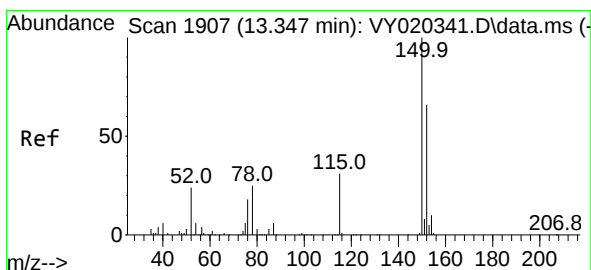
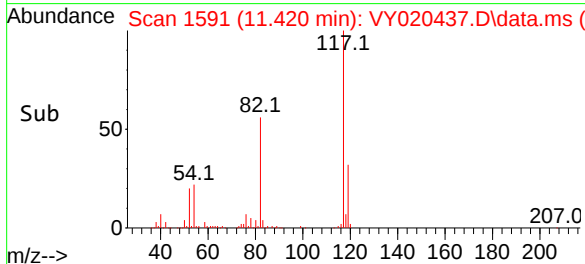
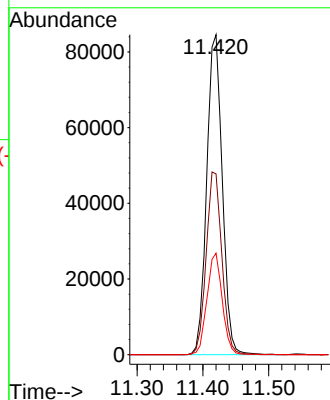
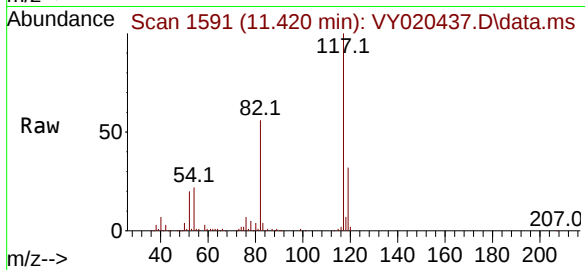
Tgt Ion:117 Resp: 139059

Ion Ratio Lower Upper

117 100

82 56.5 48.2 72.4

119 31.7 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020437.D

Acq: 25 Nov 2024 18:07

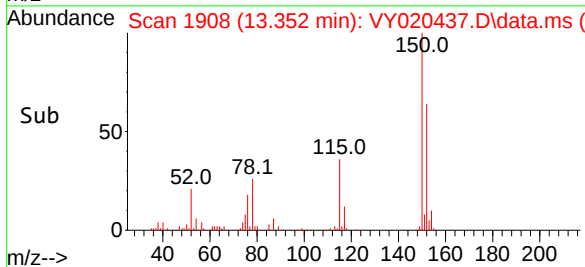
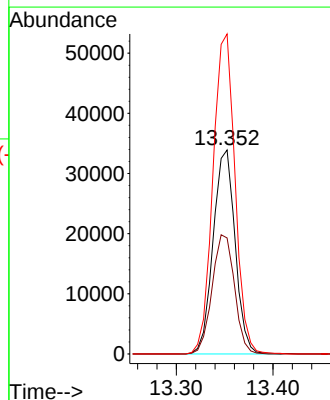
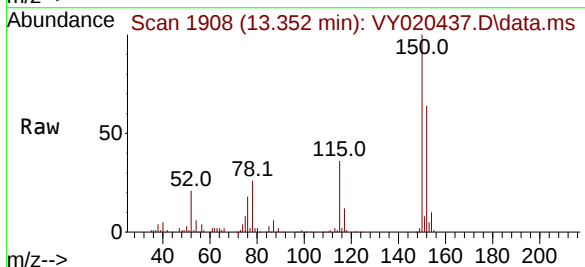
Tgt Ion:152 Resp: 53469

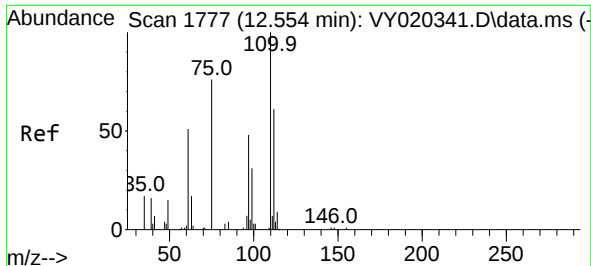
Ion Ratio Lower Upper

152 100

115 59.6 30.0 90.0

150 157.5 0.0 348.2

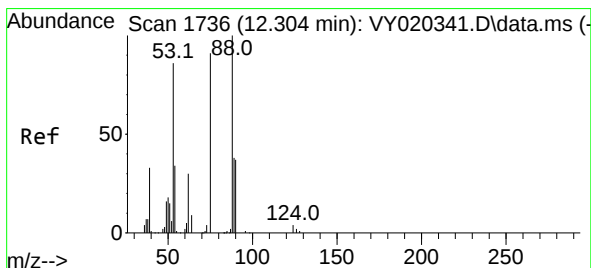
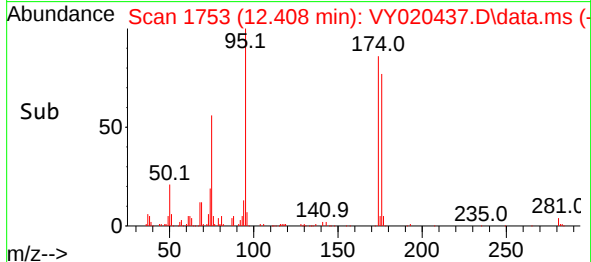
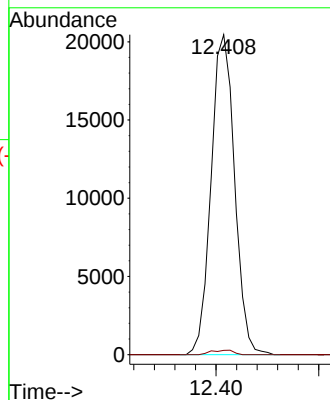
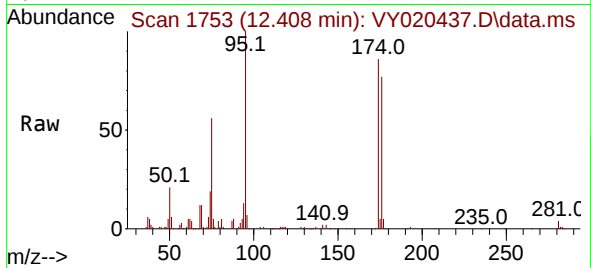




#76
1,2,3-Trichloropropane
Concen: 64.312 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.147 min
Lab File: VY020437.D
Acq: 25 Nov 2024 18:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 32411
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.017 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.103 min
Lab File: VY020437.D
Acq: 25 Nov 2024 18:07

Tgt Ion: 75 Resp: 32411
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#

