

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
 Data File : VY020408.D
 Acq On : 22 Nov 2024 13:16
 Operator : SY/MD
 Sample : P4948-03
 Misc : 3.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 23:59:45 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)

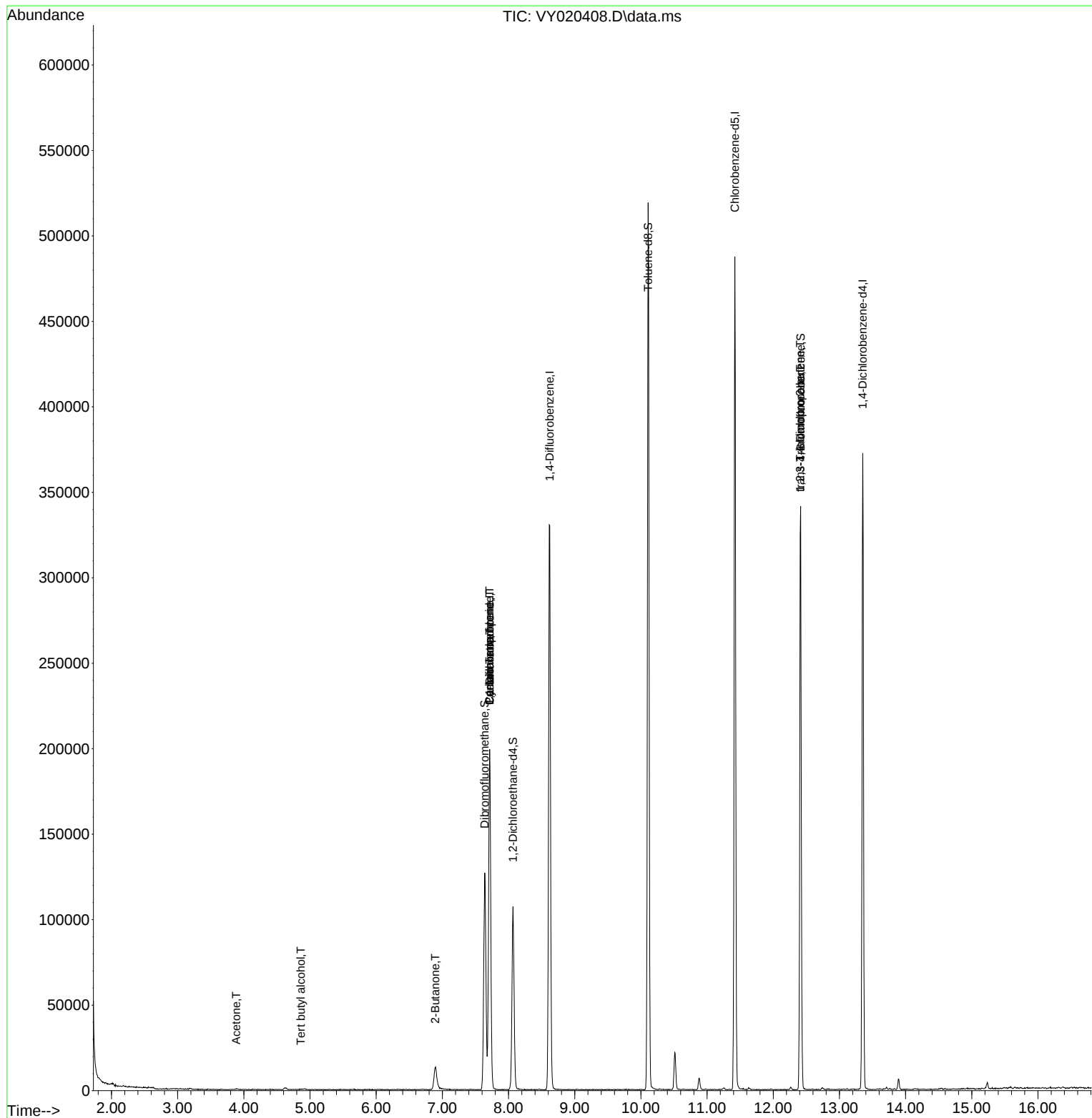
Internal Standards						
1) Pentafluorobenzene	7.713	168	146942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	279491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	248935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	89499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	84938	50.313	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.620%	
35) Dibromofluoromethane	7.640	113	87936	49.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.140%	
50) Toluene-d8	10.109	98	332853	47.148	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.300%	
62) 4-Bromofluorobenzene	12.414	95	103410	45.565	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 91.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	255	1.293	ug/l #	73
16) Acetone	3.885	43	701	1.732	ug/l #	82
25) 2-Butanone	6.890	43	616	1.182	ug/l #	50
31) Cyclohexane	7.713	56	3184	1.012	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	12299	4.493	ug/l #	52
38) Carbon Tetrachloride	7.713	117	15827	5.538	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	57964	68.714	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	57964	134.642	ug/l #	9

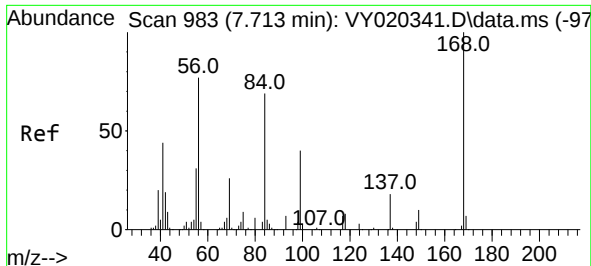
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
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QLast Update : Wed Nov 20 04:38:24 2024
Response via : Initial Calibration

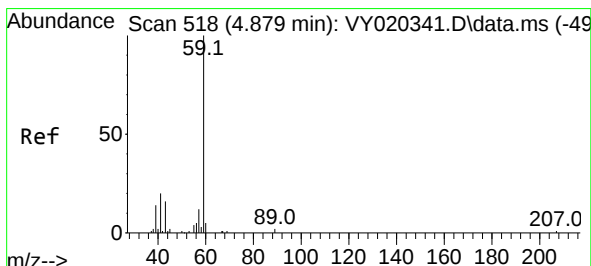
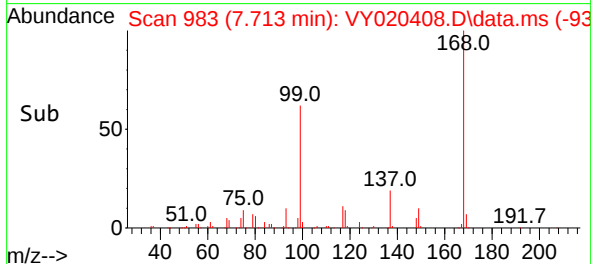
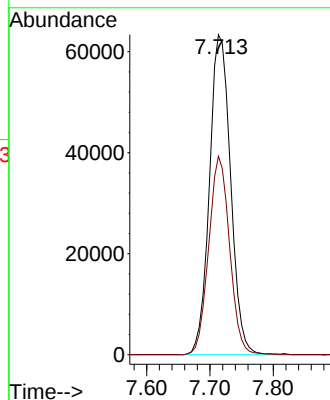
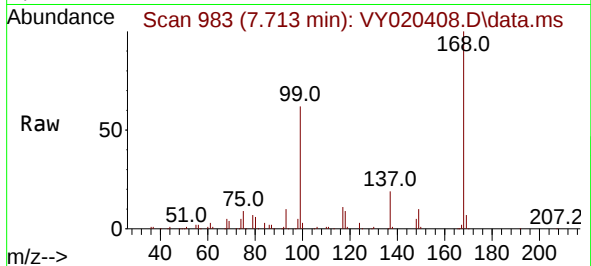




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020408.D
Acq: 22 Nov 2024 13:16

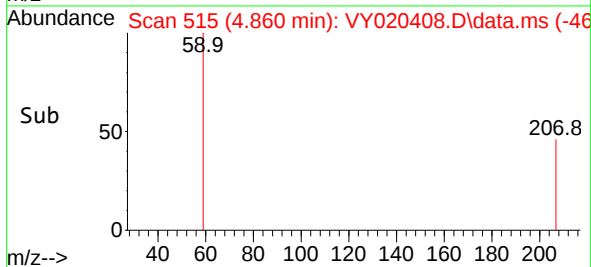
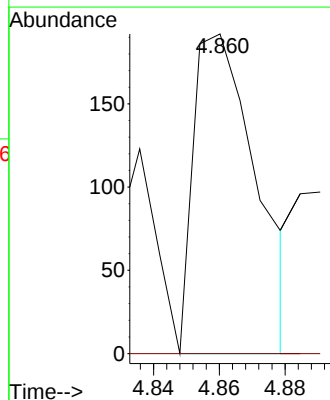
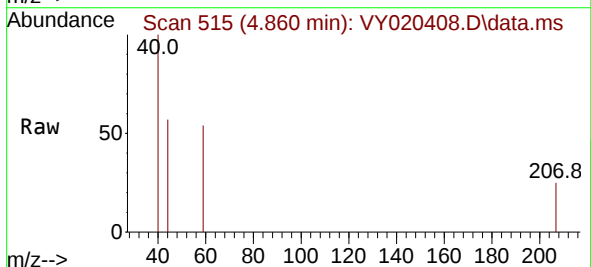
Instrument :
MSVOA_Y
ClientSampleId :

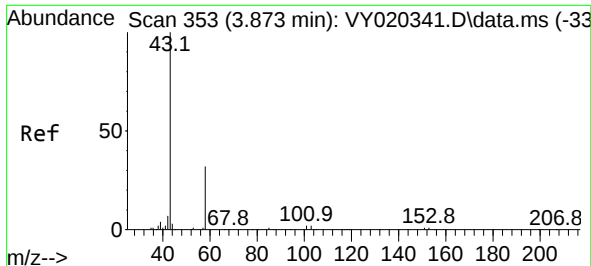
Tgt Ion:168 Resp: 146942
Ion Ratio Lower Upper
168 100
99 62.1 46.6 69.8



#11
Tert butyl alcohol
Concen: 1.293 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY020408.D
Acq: 22 Nov 2024 13:16

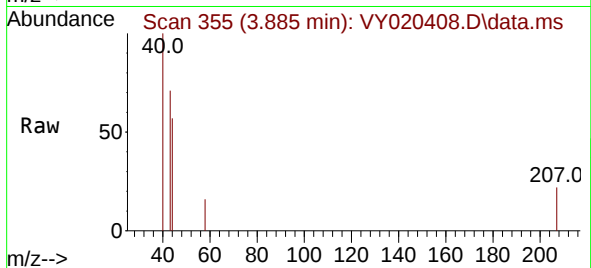
Tgt Ion: 59 Resp: 255
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



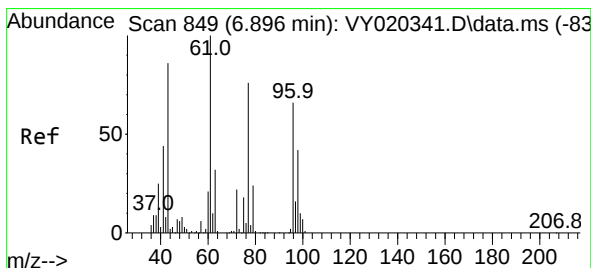
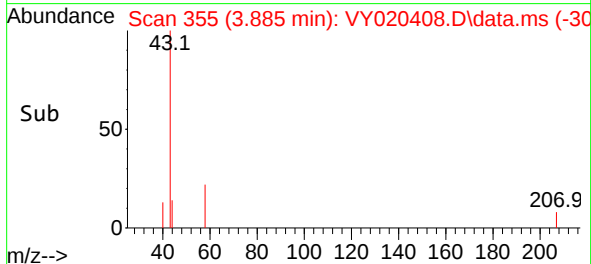
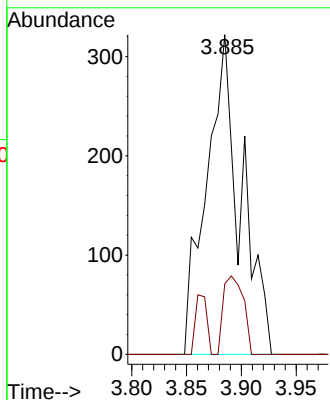


#16
Acetone
Concen: 1.732 ug/l
RT: 3.885 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY020408.D
Acq: 22 Nov 2024 13:16

Instrument :
MSVOA_Y
ClientSampleId :

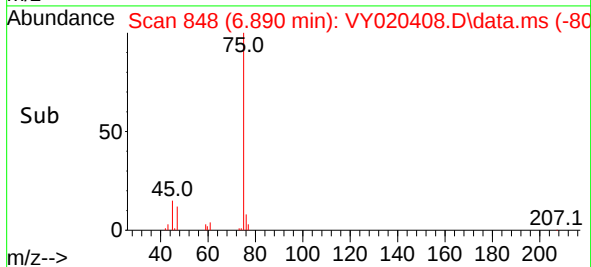
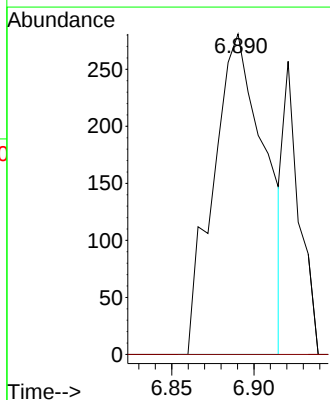
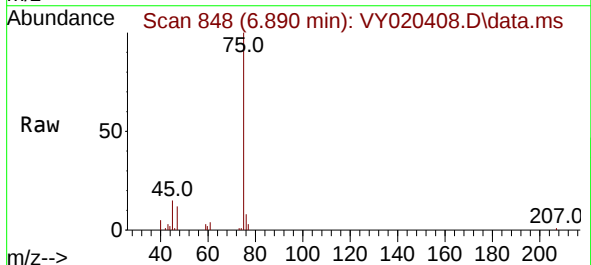


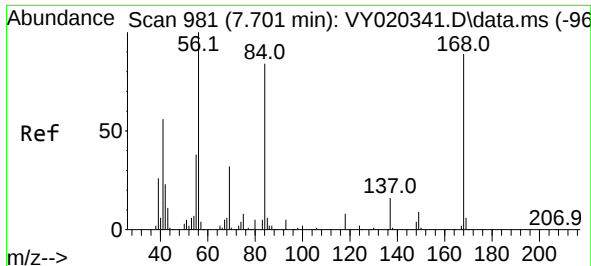
Tgt Ion: 43 Resp: 701
Ion Ratio Lower Upper
43 100
58 22.0 25.7 38.5#



#25
2-Butanone
Concen: 1.182 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY020408.D
Acq: 22 Nov 2024 13:16

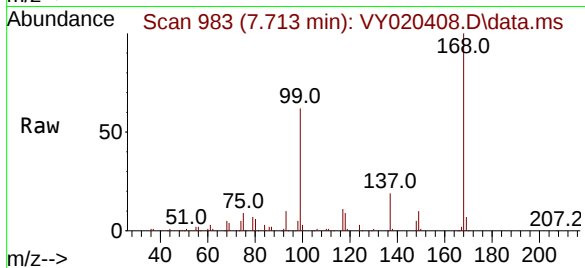
Tgt Ion: 43 Resp: 616
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



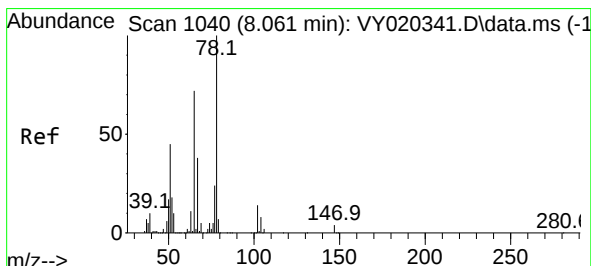
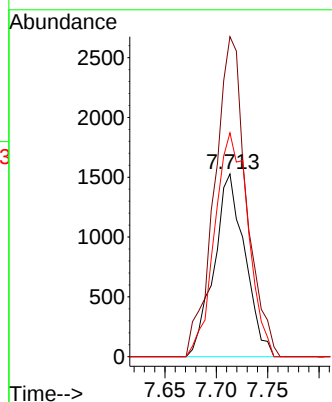
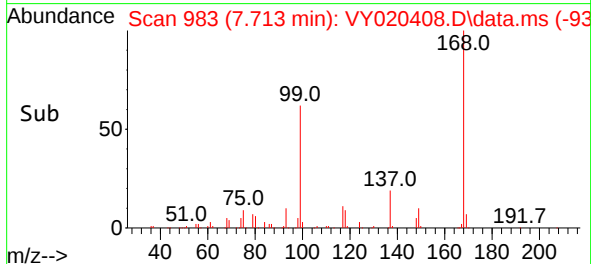


#31
Cyclohexane
Concen: 1.012 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY020408.D
Acq: 22 Nov 2024 13:16

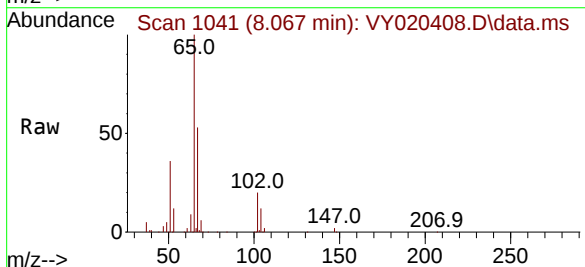
Instrument :
MSVOA_Y
ClientSampleId :



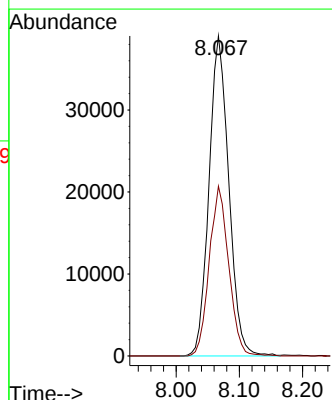
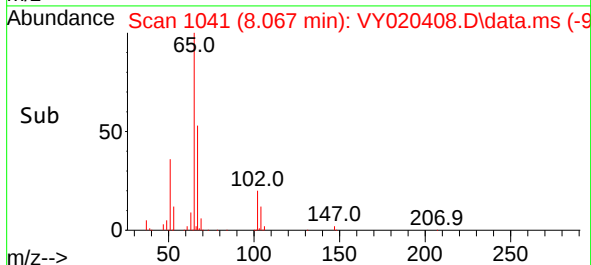
Tgt Ion: 56 Resp: 3184
Ion Ratio Lower Upper
56 100
69 175.1 25.3 37.9#
84 122.4 66.9 100.3#

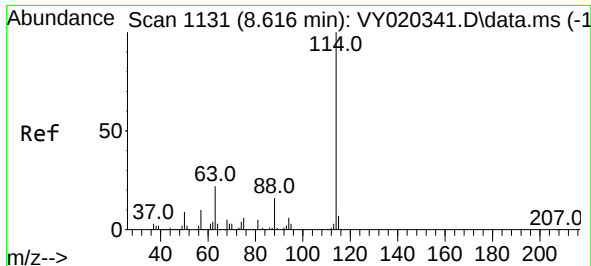


#33
1,2-Dichloroethane-d4
Concen: 50.313 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020408.D
Acq: 22 Nov 2024 13:16



Tgt Ion: 65 Resp: 84938
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY020408.D

Acq: 22 Nov 2024 13:16

Instrument :

MSVOA_Y

ClientSampleId :

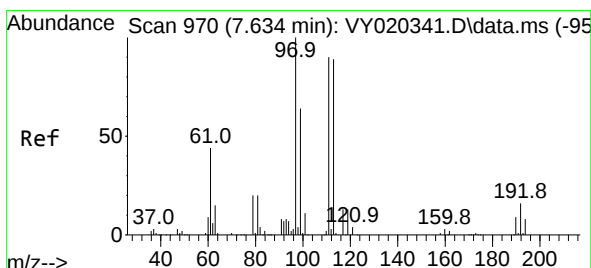
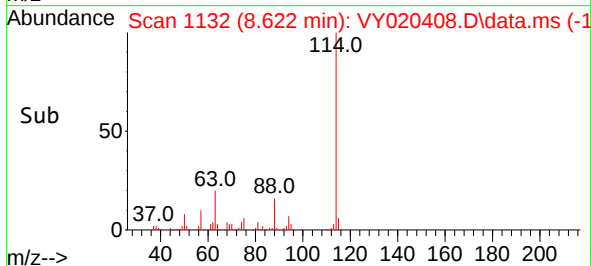
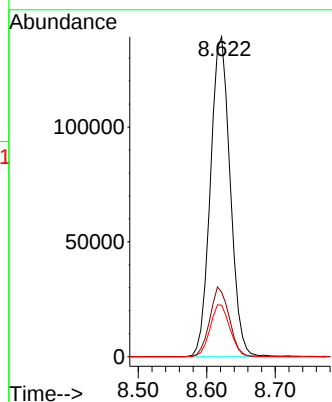
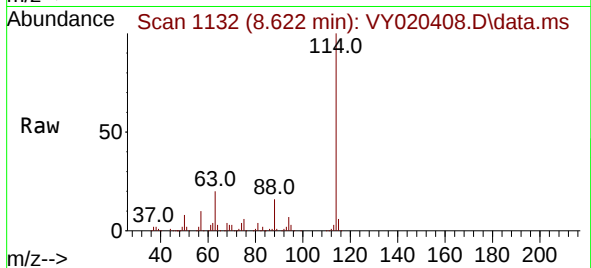
Tgt Ion:114 Resp: 279491

Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.8

88 16.1 0.0 32.0



#35

Dibromofluoromethane

Concen: 49.067 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY020408.D

Acq: 22 Nov 2024 13:16

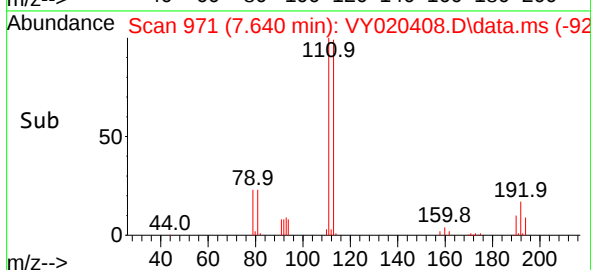
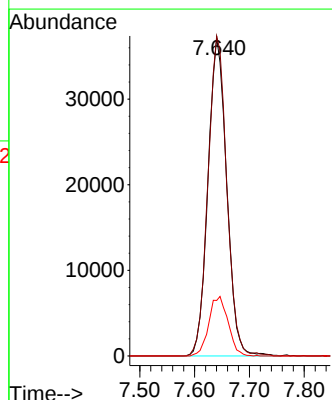
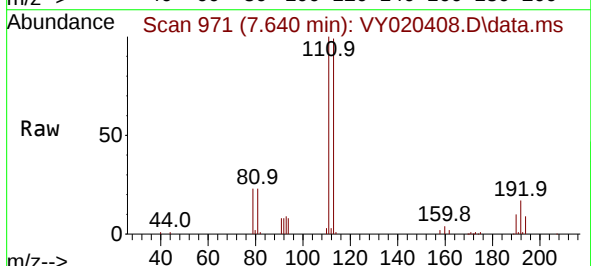
Tgt Ion:113 Resp: 87936

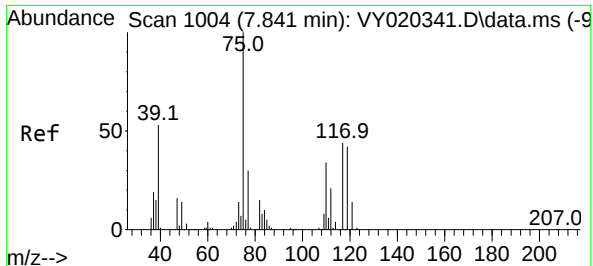
Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

192 19.3 15.1 22.7





#36

1,1-Dichloropropene

Concen: 4.493 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.128 min

Lab File: VY020408.D

Acq: 22 Nov 2024 13:16

Instrument :

MSVOA_Y

ClientSampleId :

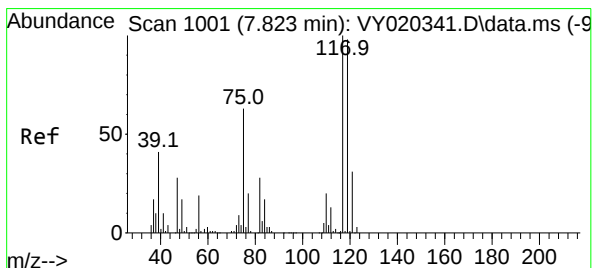
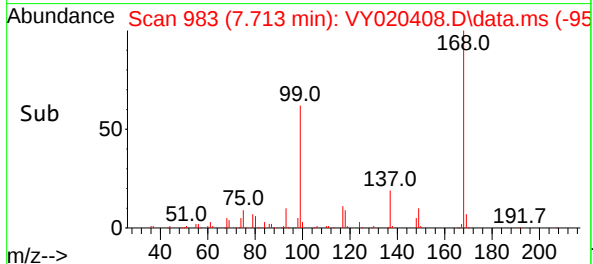
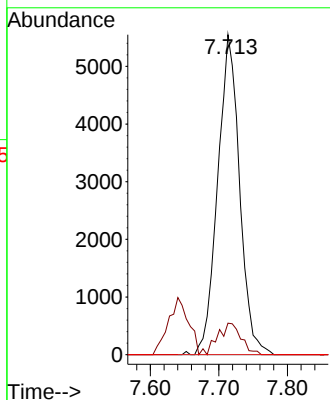
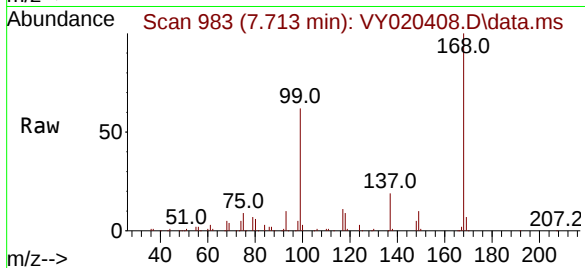
Tgt Ion: 75 Resp: 12299

Ion Ratio Lower Upper

75 100

110 10.3 16.7 50.0#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.538 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.110 min

Lab File: VY020408.D

Acq: 22 Nov 2024 13:16

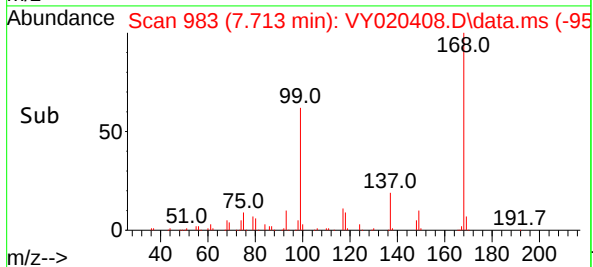
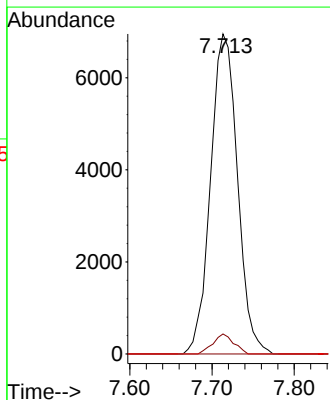
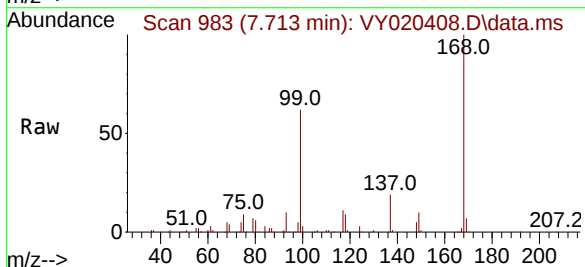
Tgt Ion: 117 Resp: 15827

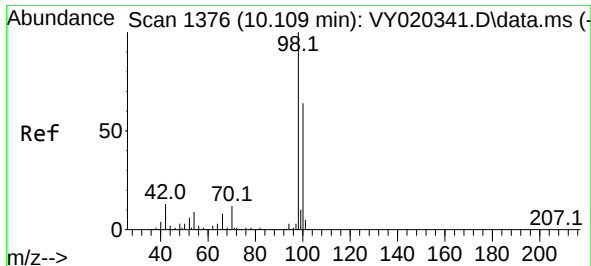
Ion Ratio Lower Upper

117 100

119 6.3 77.8 116.6#

121 0.0 24.6 37.0#

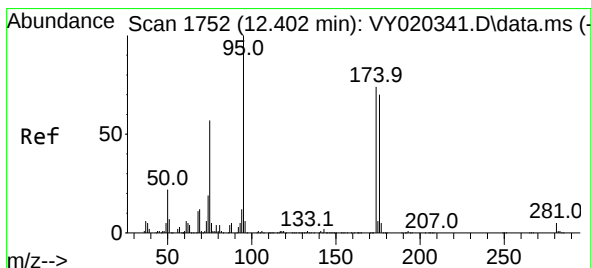
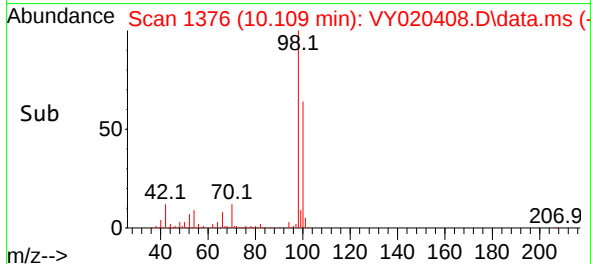
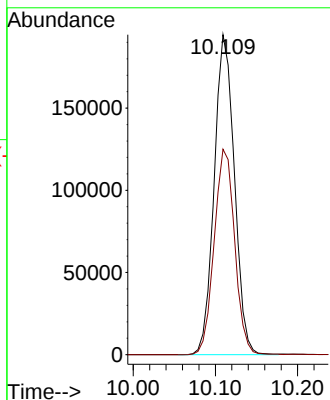
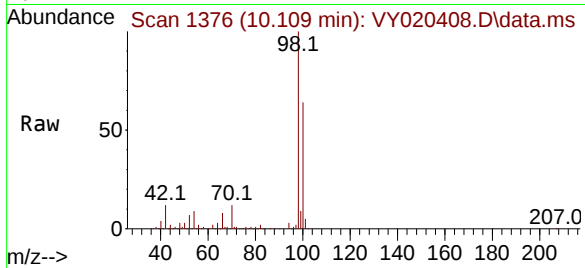




#50
Toluene-d8
Concen: 47.148 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020408.D
Acq: 22 Nov 2024 13:16

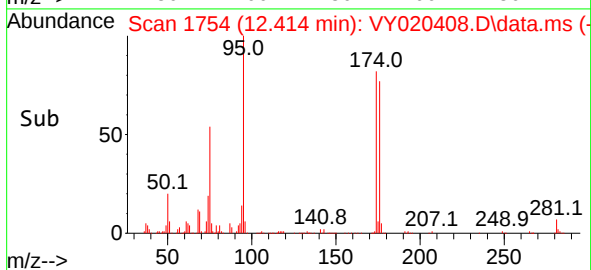
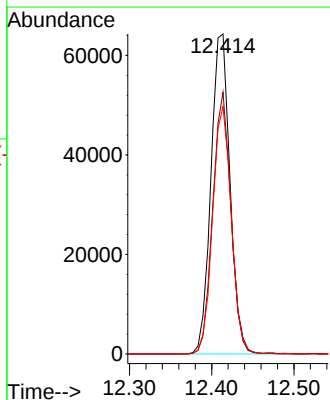
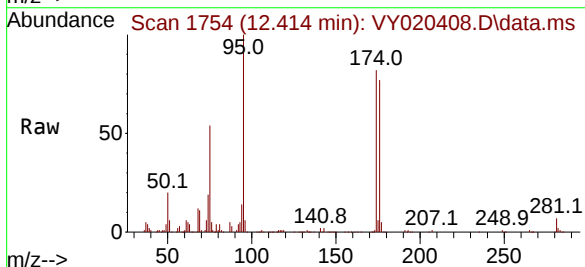
Instrument :
MSVOA_Y
ClientSampleId :

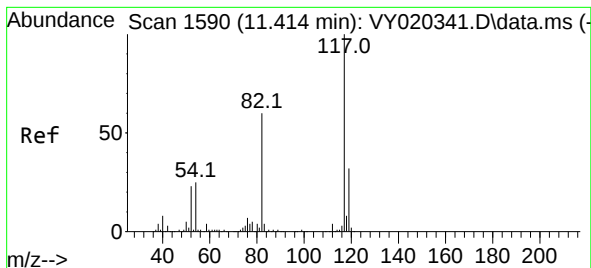
Tgt Ion: 98 Resp: 332853
Ion Ratio Lower Upper
98 100
100 65.2 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 45.565 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.012 min
Lab File: VY020408.D
Acq: 22 Nov 2024 13:16

Tgt Ion: 95 Resp: 103410
Ion Ratio Lower Upper
95 100
174 78.6 0.0 156.8
176 75.9 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: VY020408.D

Acq: 22 Nov 2024 13:16

Instrument :

MSVOA_Y

ClientSampleId :

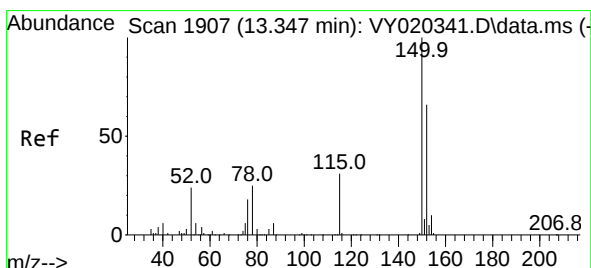
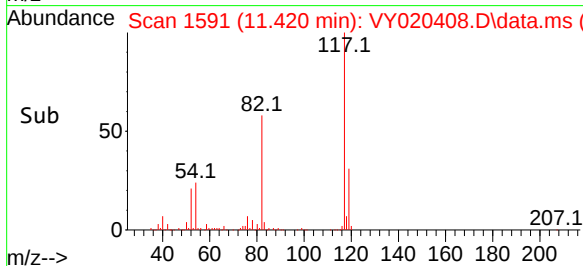
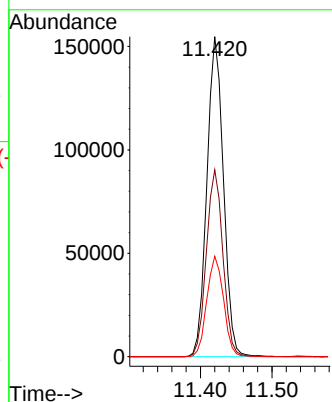
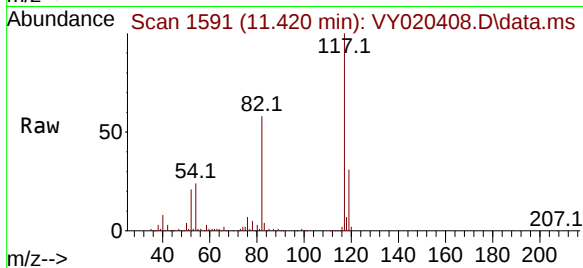
Tgt Ion:117 Resp: 248935

Ion Ratio Lower Upper

117 100

82 58.4 48.2 72.4

119 31.4 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020408.D

Acq: 22 Nov 2024 13:16

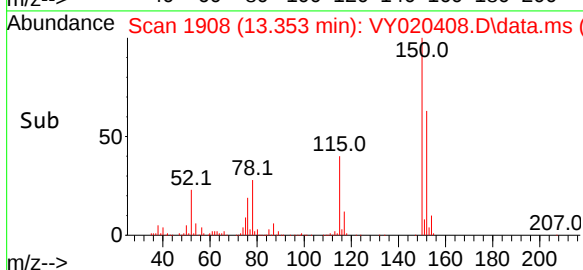
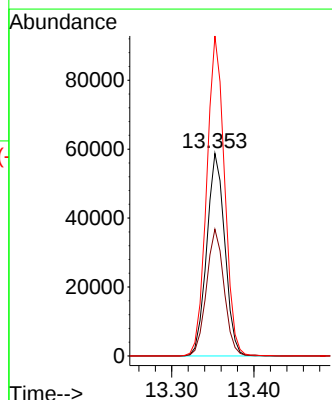
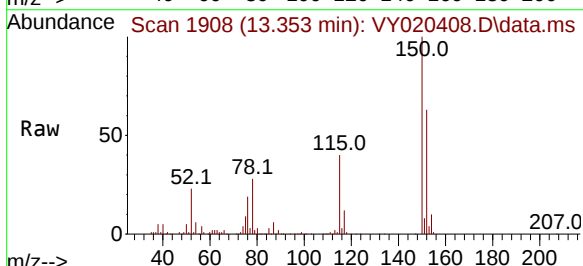
Tgt Ion:152 Resp: 89499

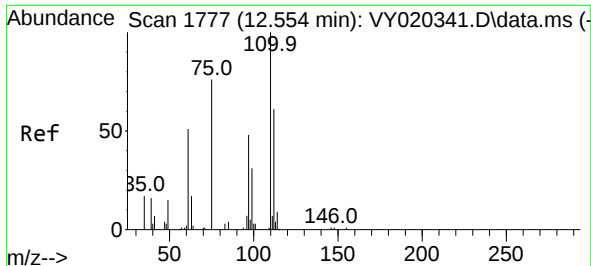
Ion Ratio Lower Upper

152 100

115 61.3 30.0 90.0

150 156.3 0.0 348.2

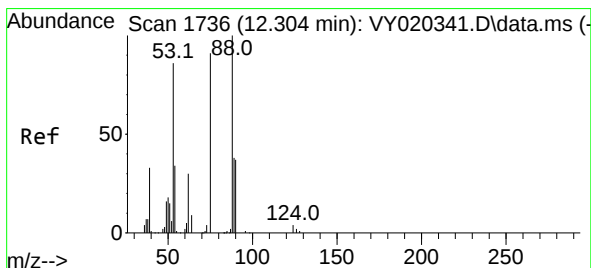
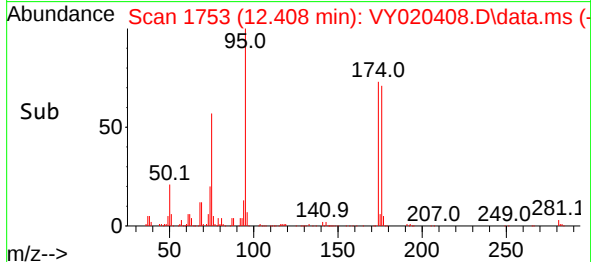
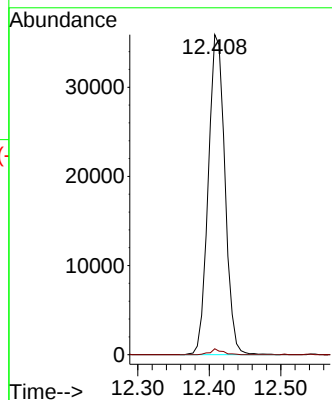
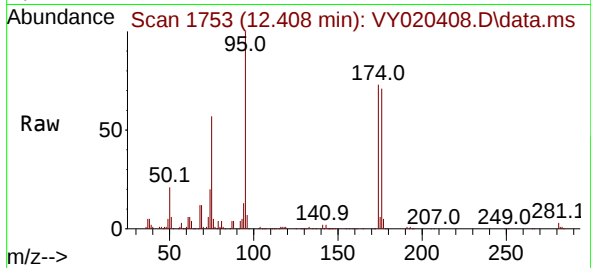




#76
1,2,3-Trichloropropane
Concen: 68.714 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY020408.D
Acq: 22 Nov 2024 13:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 57964
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.642 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020408.D
Acq: 22 Nov 2024 13:16

Tgt Ion: 75 Resp: 57964
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#

