

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
 Data File : VY020414.D
 Acq On : 22 Nov 2024 15:36
 Operator : SY/MD
 Sample : P4960-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 00:02:19 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)

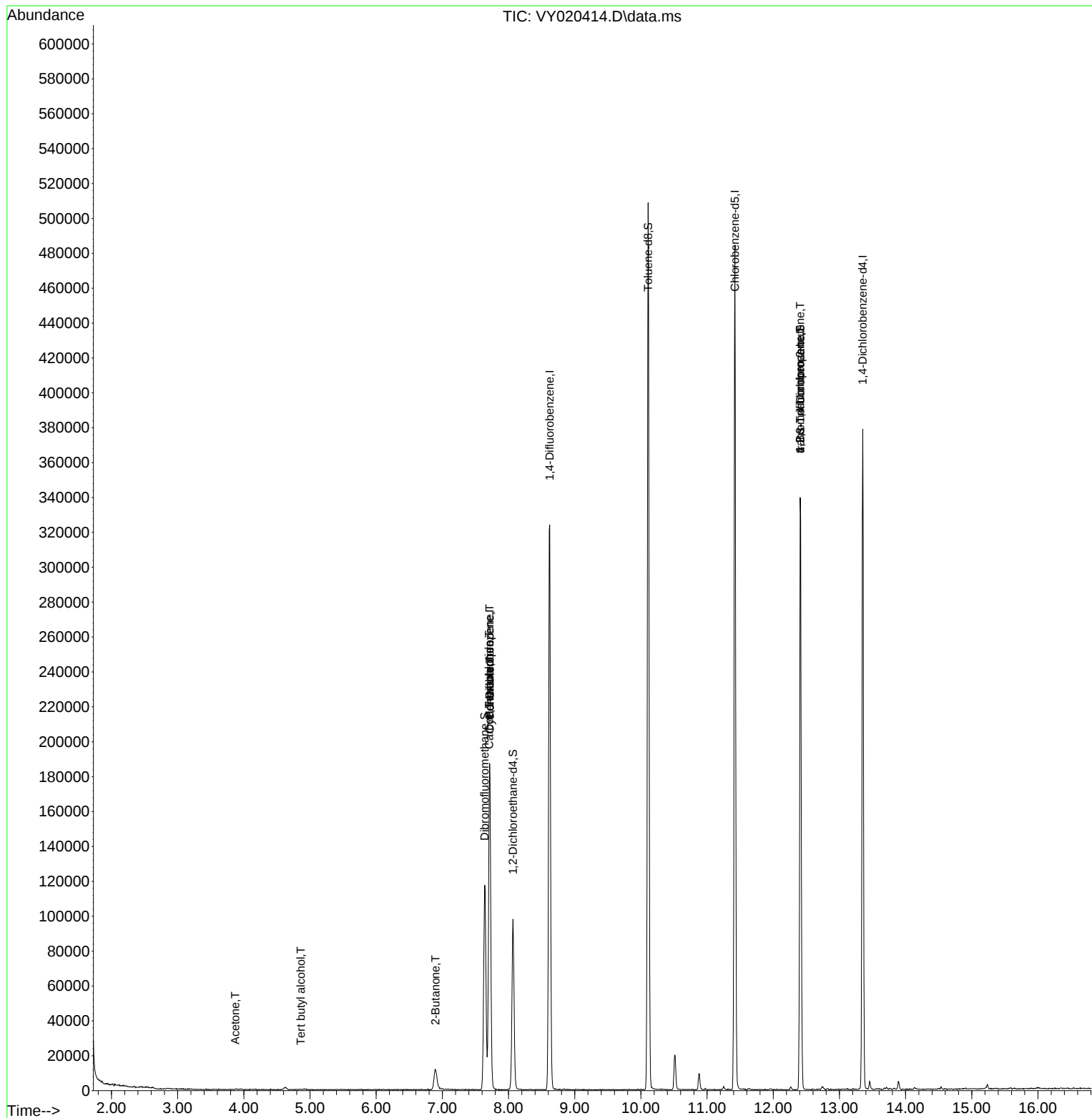
Internal Standards						
1) Pentafluorobenzene	7.713	168	140264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	266905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	244006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	91276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	78476	48.698	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.400%		
35) Dibromofluoromethane	7.640	113	83149	48.583	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.160%		
50) Toluene-d8	10.109	98	325045	48.213	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.420%		
62) 4-Bromofluorobenzene	12.408	95	101991	47.059	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	94.120%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.860	59	234	1.220	ug/l #	73
16) Acetone	3.872	43	458	1.186	ug/l #	43
25) 2-Butanone	6.896	43	810	1.629	ug/l #	50
31) Cyclohexane	7.719	56	3142	1.046	ug/l #	31
36) 1,1-Dichloropropene	7.713	75	11625	4.447	ug/l #	52
38) Carbon Tetrachloride	7.707	117	15190	5.565	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	57518	66.858	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	57518	131.005	ug/l #	9

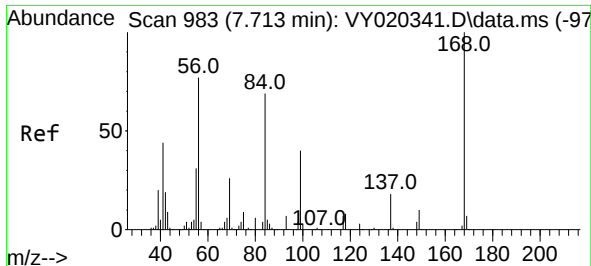
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 23 00:02:19 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

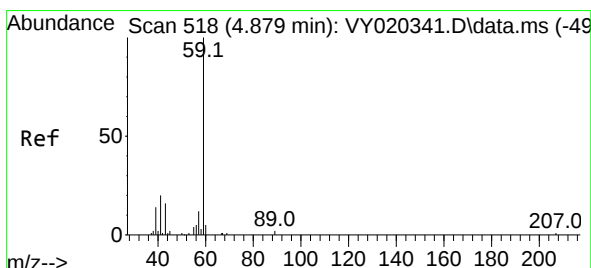
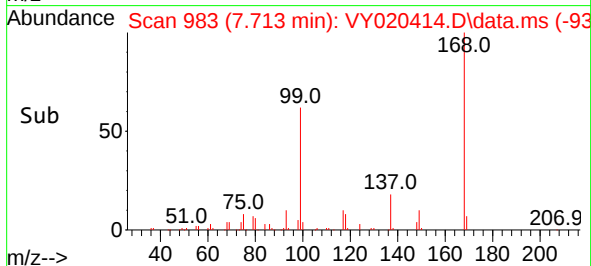
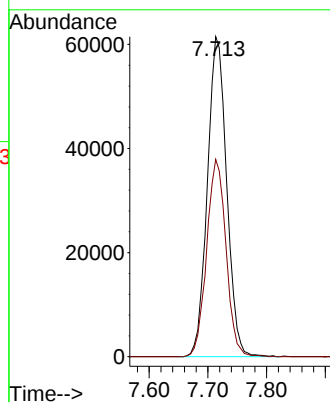
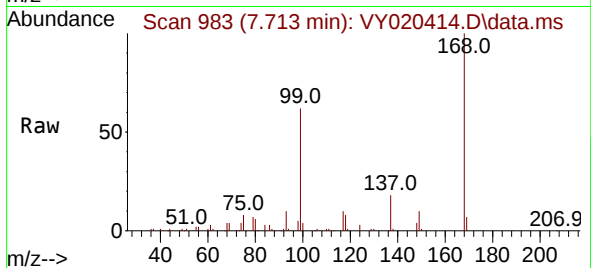




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020414.D
Acq: 22 Nov 2024 15:36

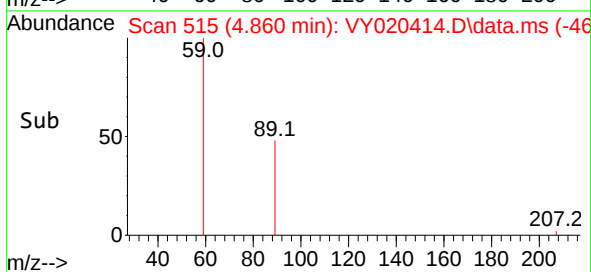
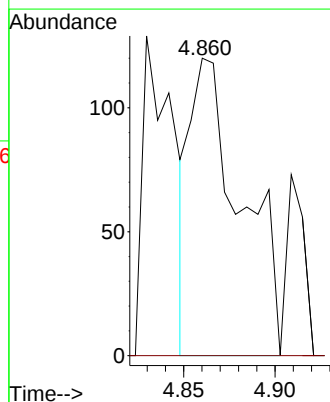
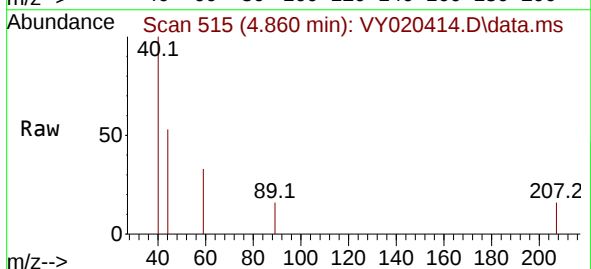
Instrument :
MSVOA_Y
ClientSampleId :

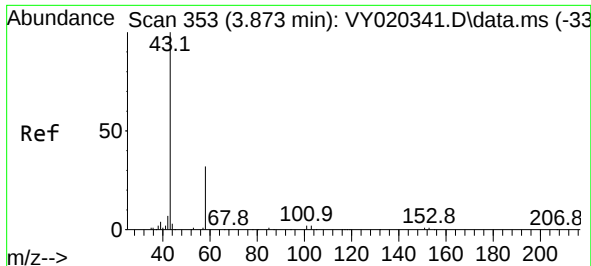
Tgt Ion:168 Resp: 140264
Ion Ratio Lower Upper
168 100
99 61.7 46.6 69.8



#11
Tert butyl alcohol
Concen: 1.220 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY020414.D
Acq: 22 Nov 2024 15:36

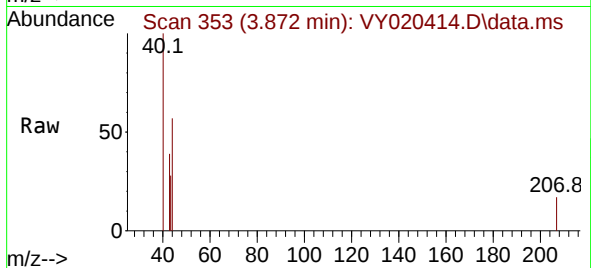
Tgt Ion: 59 Resp: 234
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



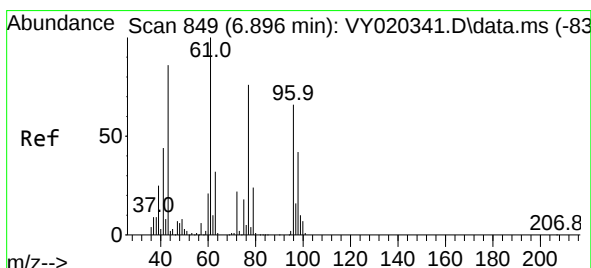
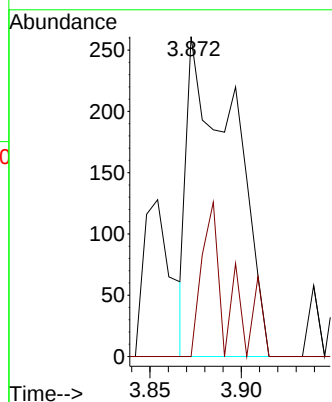
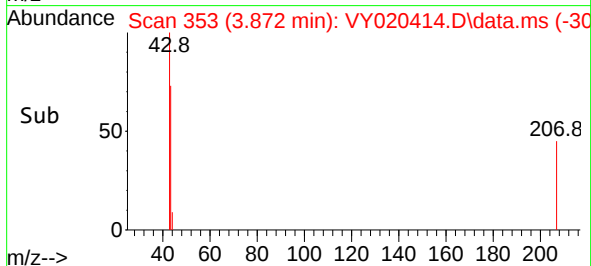


#16
Acetone
Concen: 1.186 ug/l
RT: 3.872 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY020414.D
Acq: 22 Nov 2024 15:36

Instrument :
MSVOA_Y
ClientSampleId :

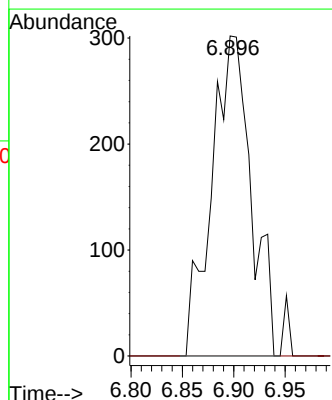
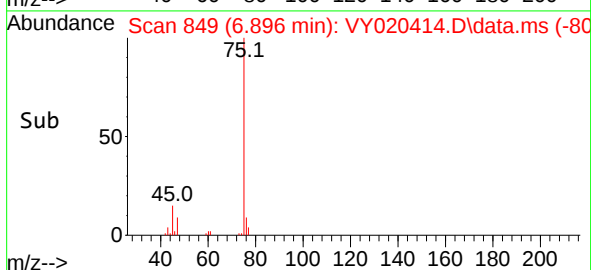
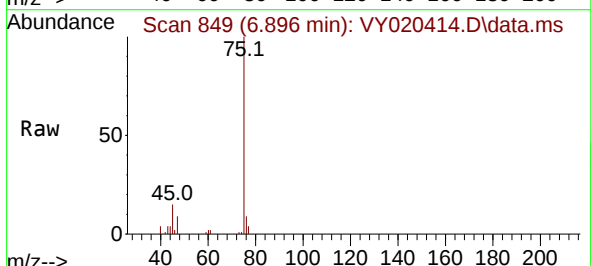


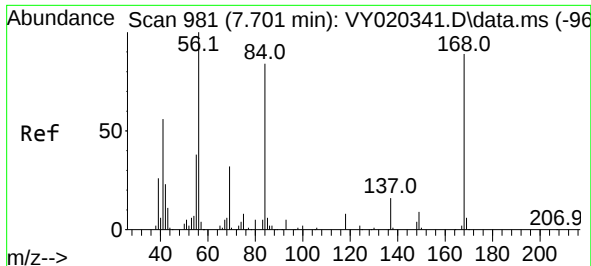
Tgt Ion: 43 Resp: 458
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



#25
2-Butanone
Concen: 1.629 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY020414.D
Acq: 22 Nov 2024 15:36

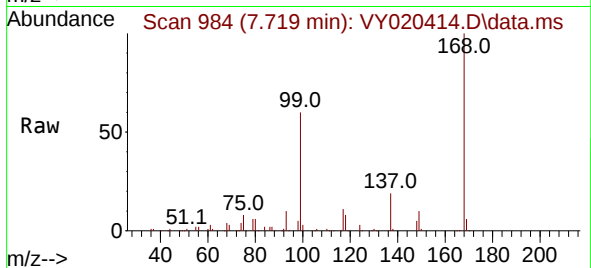
Tgt Ion: 43 Resp: 810
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



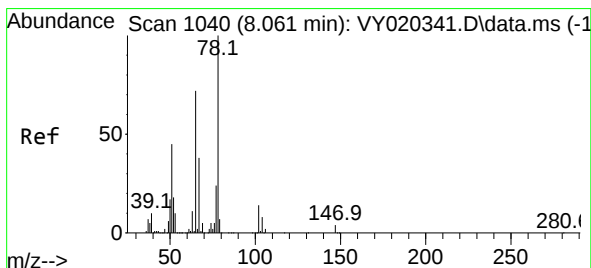
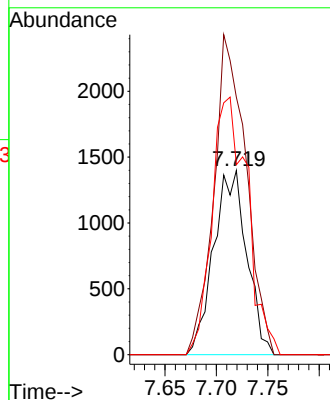
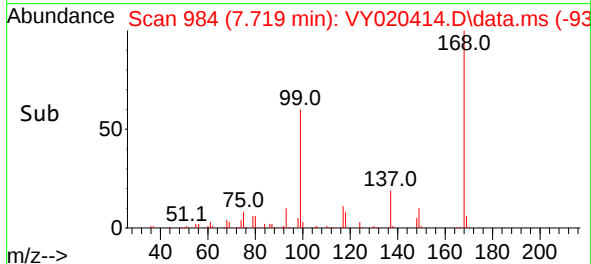


#31
Cyclohexane
Concen: 1.046 ug/l
RT: 7.719 min Scan# 981
Delta R.T. 0.018 min
Lab File: VY020414.D
Acq: 22 Nov 2024 15:36

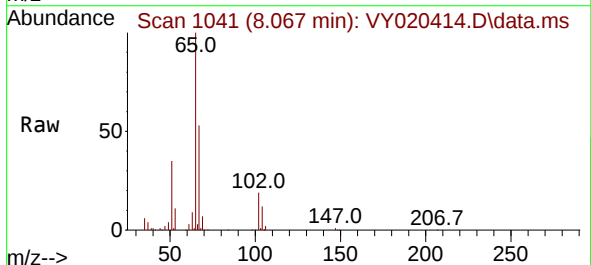
Instrument :
MSVOA_Y
ClientSampleId :



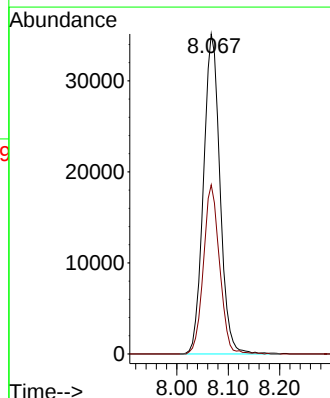
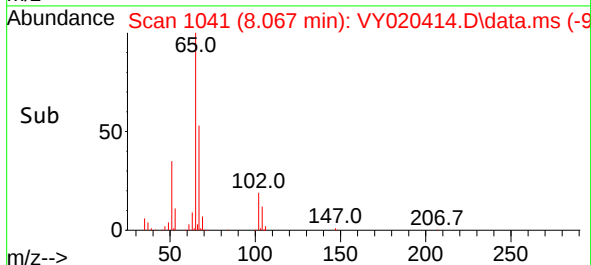
Tgt Ion: 56 Resp: 3142
Ion Ratio Lower Upper
56 100
69 139.7 25.3 37.9#
84 103.1 66.9 100.3#

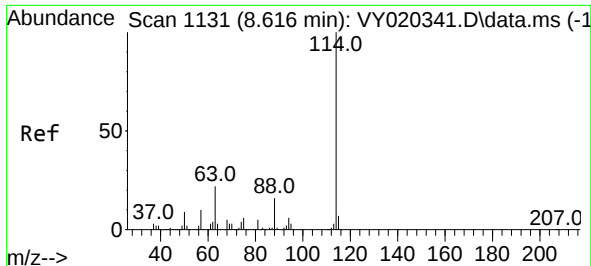


#33
1,2-Dichloroethane-d4
Concen: 48.698 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020414.D
Acq: 22 Nov 2024 15:36



Tgt Ion: 65 Resp: 78476
Ion Ratio Lower Upper
65 100
67 51.5 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: VY020414.D

Acq: 22 Nov 2024 15:36

Instrument :

MSVOA_Y

ClientSampleId :

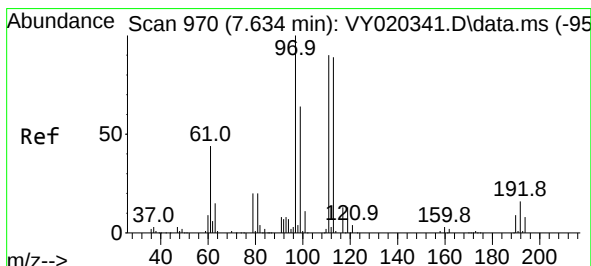
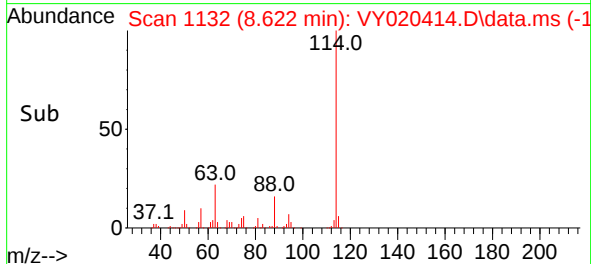
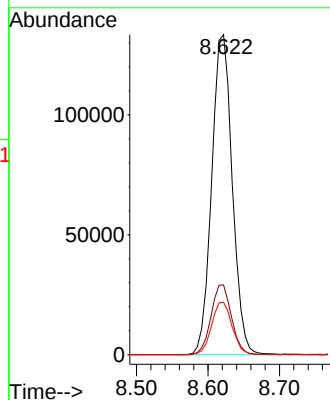
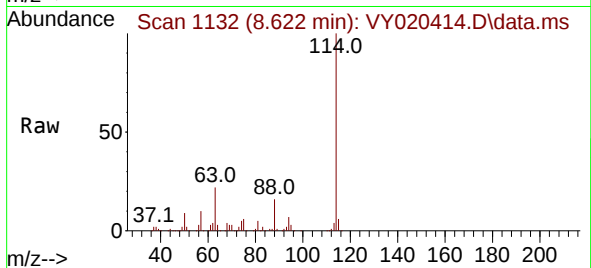
Tgt Ion:114 Resp: 266905

Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.8

88 16.4 0.0 32.0



#35

Dibromofluoromethane

Concen: 48.583 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY020414.D

Acq: 22 Nov 2024 15:36

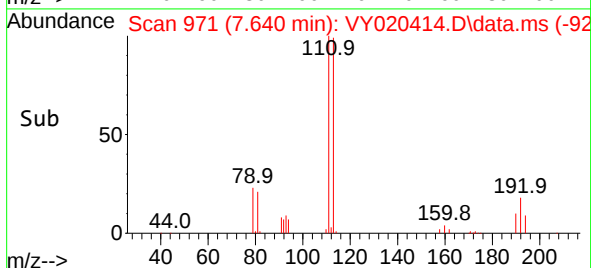
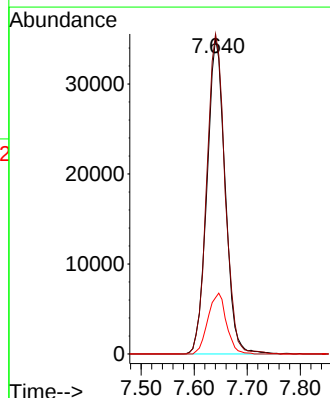
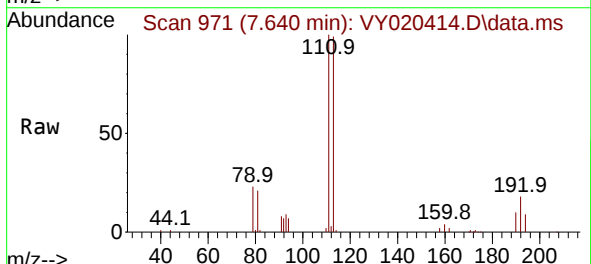
Tgt Ion:113 Resp: 83149

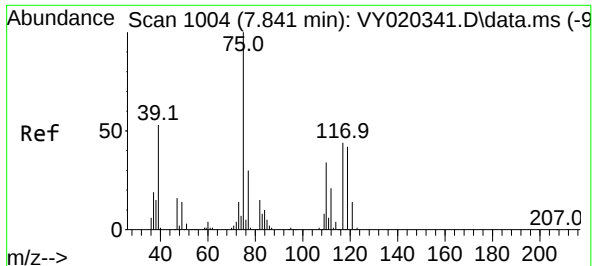
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 19.6 15.1 22.7





#36

1,1-Dichloropropene

Concen: 4.447 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.128 min

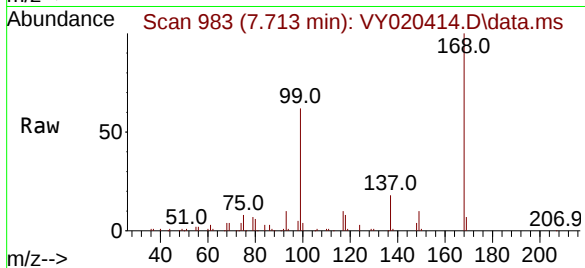
Lab File: VY020414.D

Acq: 22 Nov 2024 15:36

Instrument :

MSVOA_Y

ClientSampleId :



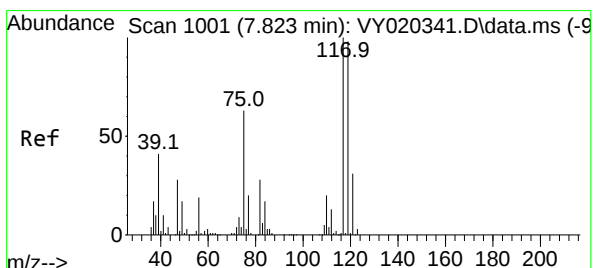
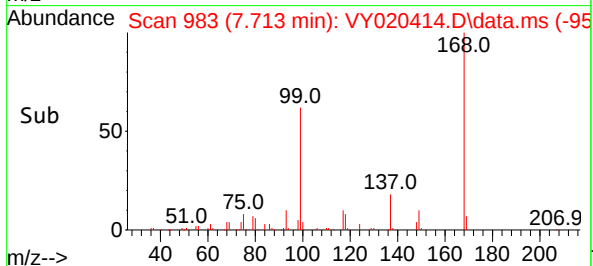
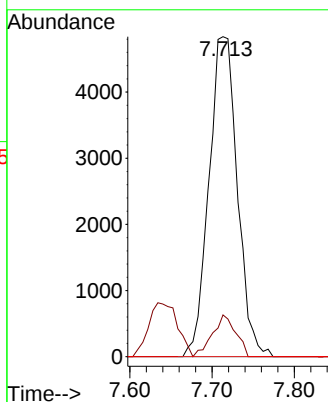
Tgt Ion: 75 Resp: 11625

Ion Ratio Lower Upper

75 100

110 10.7 16.7 50.0#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.565 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.116 min

Lab File: VY020414.D

Acq: 22 Nov 2024 15:36

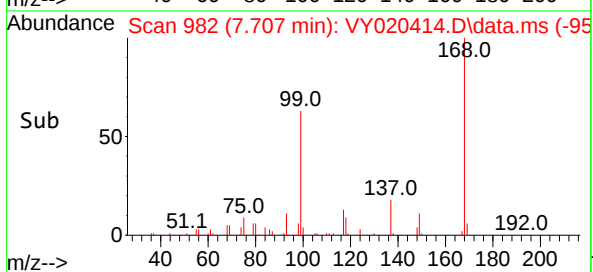
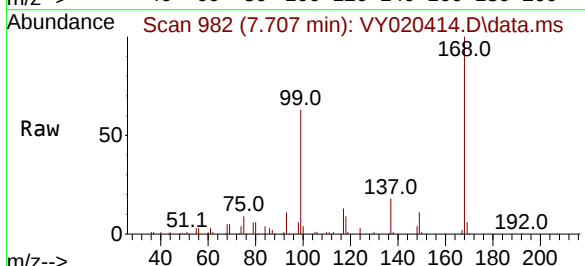
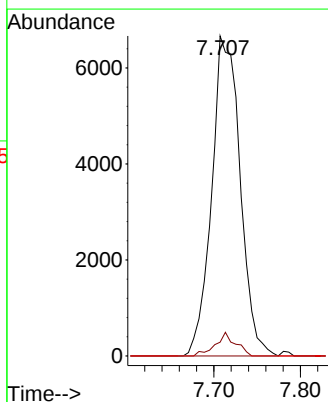
Tgt Ion: 117 Resp: 15190

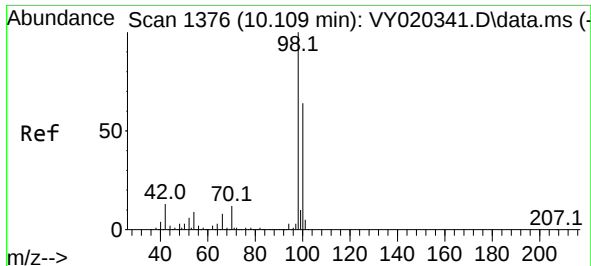
Ion Ratio Lower Upper

117 100

119 4.3 77.8 116.6#

121 0.0 24.6 37.0#

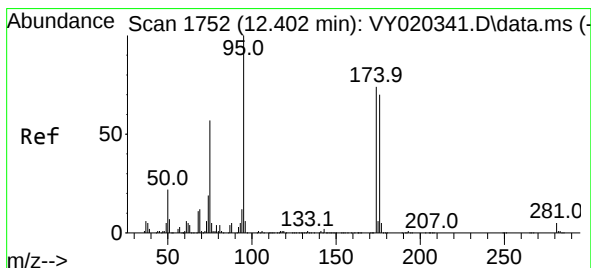
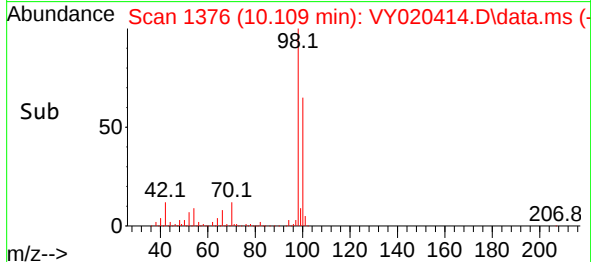
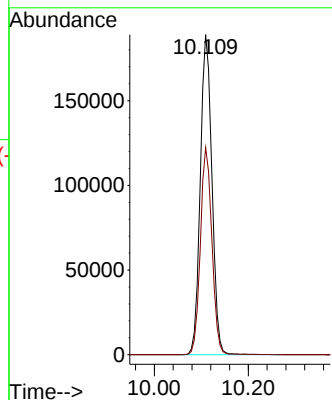
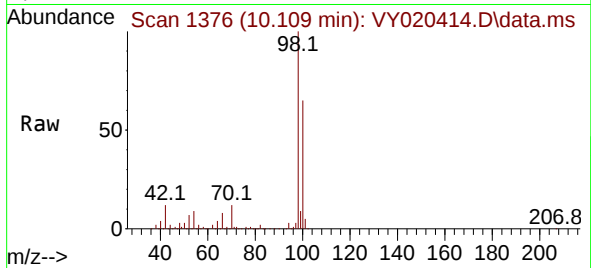




#50
Toluene-d8
Concen: 48.213 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020414.D
Acq: 22 Nov 2024 15:36

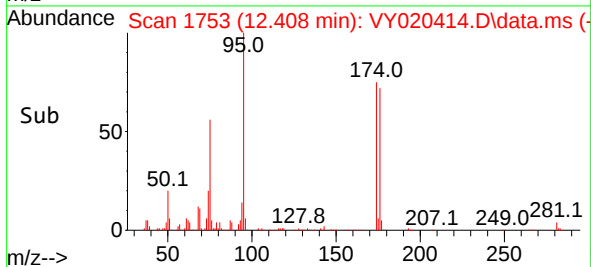
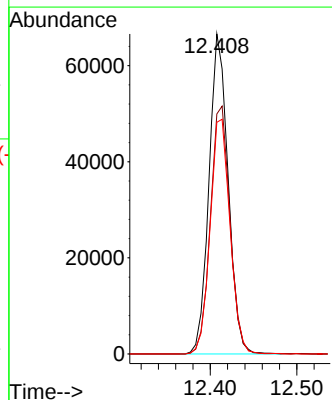
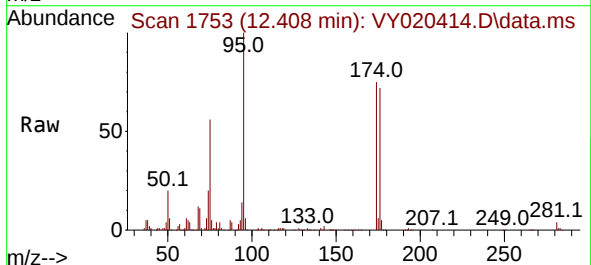
Instrument :
MSVOA_Y
ClientSampleId :

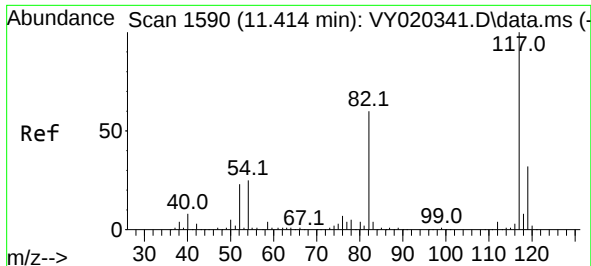
Tgt Ion: 98 Resp: 325045
Ion Ratio Lower Upper
98 100
100 64.2 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 47.059 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020414.D
Acq: 22 Nov 2024 15:36

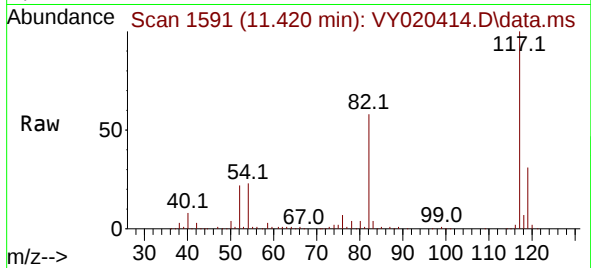
Tgt Ion: 95 Resp: 101991
Ion Ratio Lower Upper
95 100
174 79.8 0.0 156.8
176 76.3 0.0 152.0



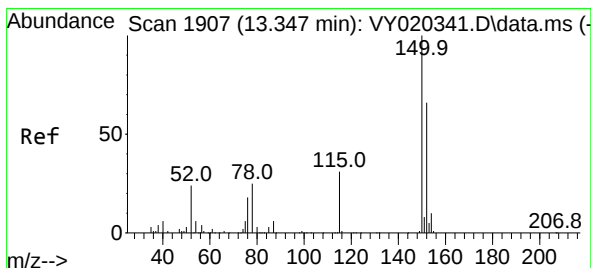
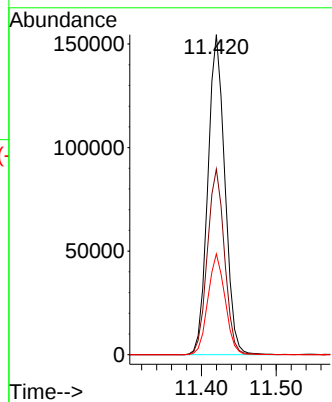
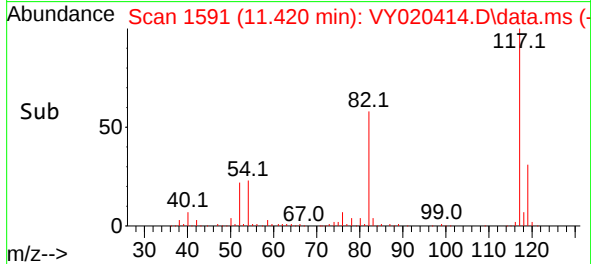


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020414.D
Acq: 22 Nov 2024 15:36

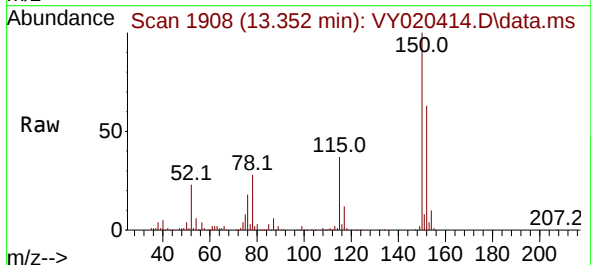
Instrument :
MSVOA_Y
ClientSampleId :



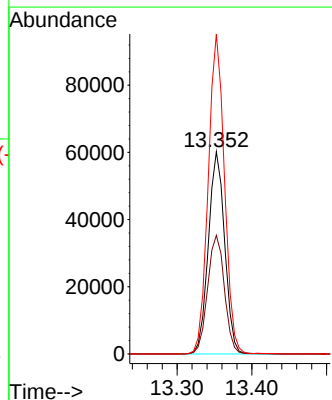
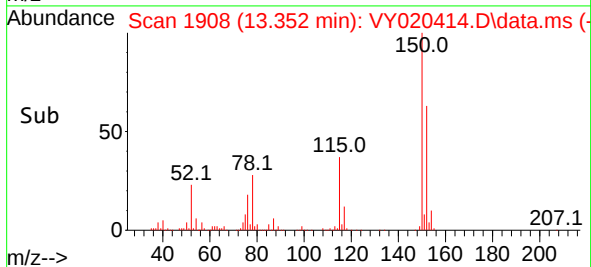
Tgt Ion:117 Resp: 244006
Ion Ratio Lower Upper
117 100
82 58.0 48.2 72.4
119 31.5 25.8 38.8

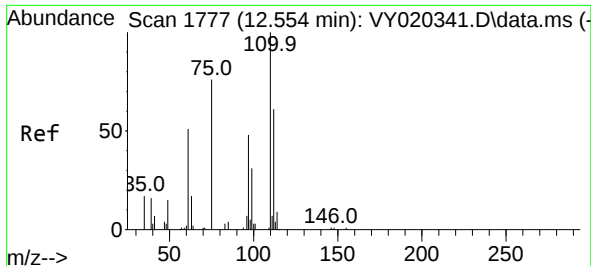


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY020414.D
Acq: 22 Nov 2024 15:36



Tgt Ion:152 Resp: 91276
Ion Ratio Lower Upper
152 100
115 60.5 30.0 90.0
150 157.0 0.0 348.2

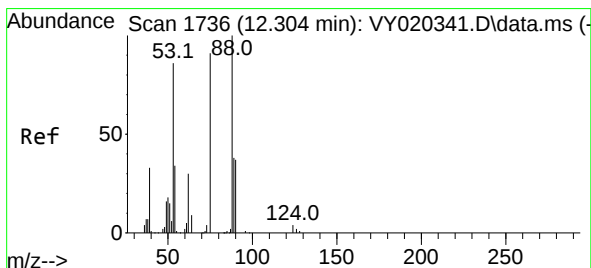
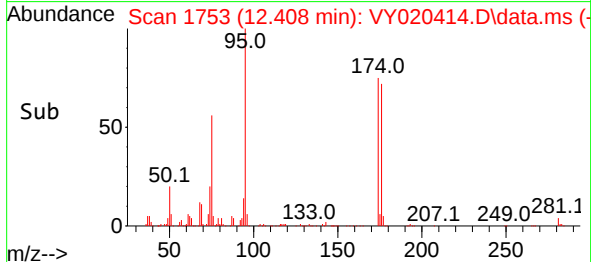
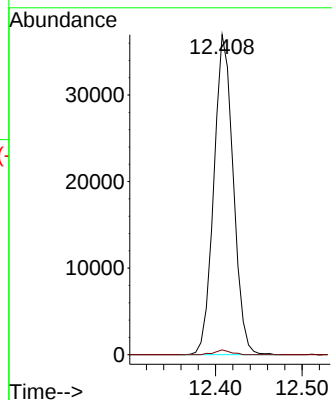
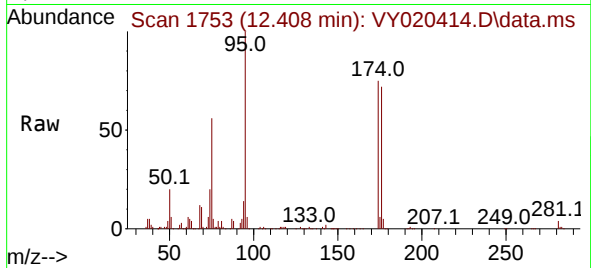




#76
1,2,3-Trichloropropane
Concen: 66.858 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY020414.D
Acq: 22 Nov 2024 15:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 57518
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.005 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.103 min
Lab File: VY020414.D
Acq: 22 Nov 2024 15:36

Tgt Ion: 75 Resp: 57518
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.1 35.1 52.7#

