

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020370.D
 Acq On : 20 Nov 2024 19:22
 Operator : SY/MD
 Sample : P4768-04
 Misc : 4.50g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 00:52:55 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	7.707	168	142436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	269453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	254267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	98434	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	88311	53.966	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.940%
35) Dibromofluoromethane	7.634	113	86072	49.816	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.640%
50) Toluene-d8	10.109	98	332979	48.923	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.840%
62) 4-Bromofluorobenzene	12.407	95	110952	50.710	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	101.420%

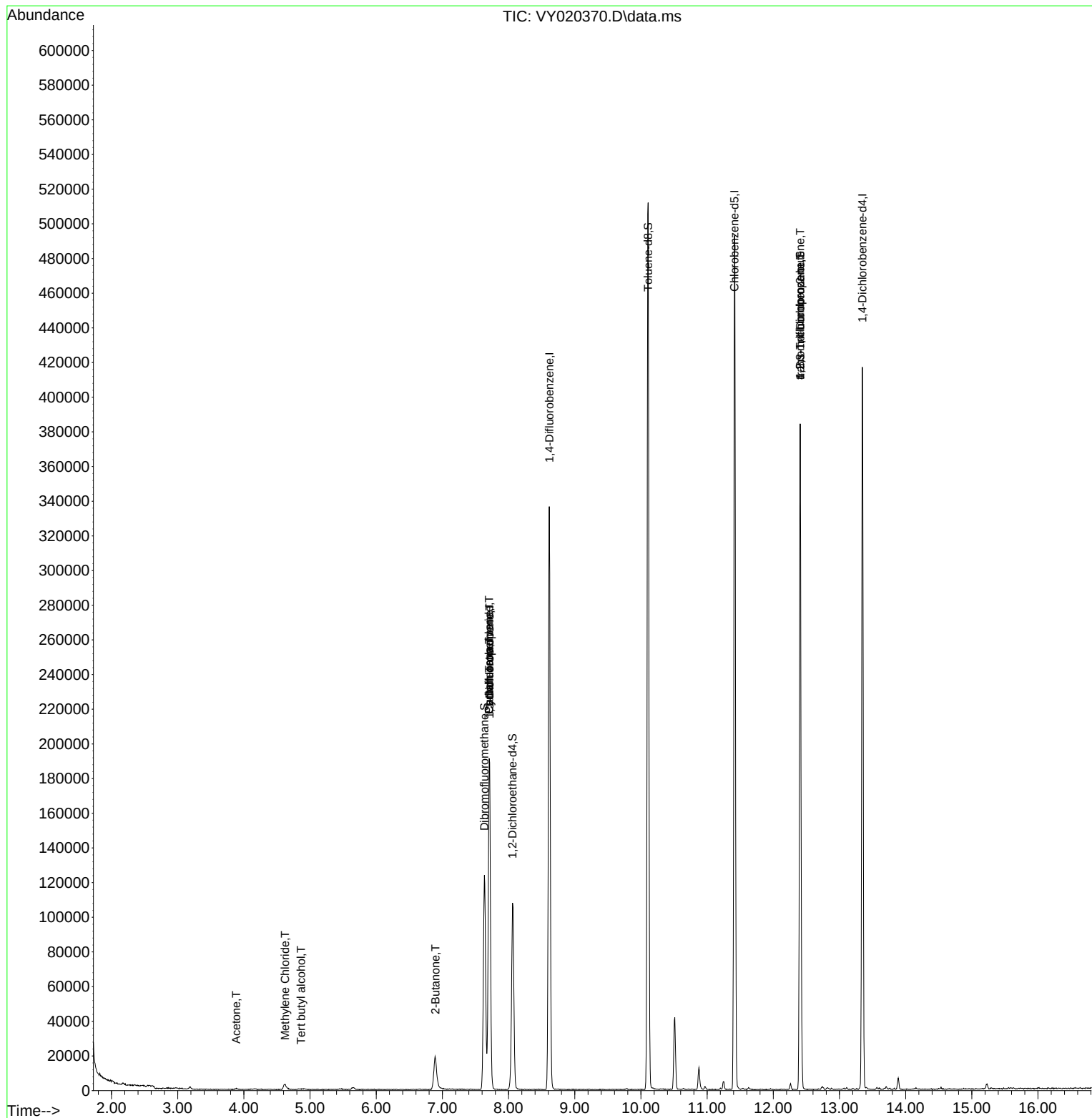
Target Compounds					Qvalue	
3) Chloromethane	2.068	50	144	Below Cal	#	41
11) Tert butyl alcohol	4.866	59	409	2.527	ug/l #	73
16) Acetone	3.884	43	970	2.473	ug/l #	73
20) Methylene Chloride	4.622	84	2151	1.295	ug/l #	90
25) 2-Butanone	6.896	43	1237	2.449	ug/l #	50
31) Cyclohexane	7.707	56	3352	1.099	ug/l #	8
36) 1,1-Dichloropropene	7.713	75	11966	4.534	ug/l #	53
38) Carbon Tetrachloride	7.707	117	15677	5.690	ug/l #	16
76) 1,2,3-Trichloropropane	12.407	75	62859	67.753	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	62859	132.759	ug/l #	9

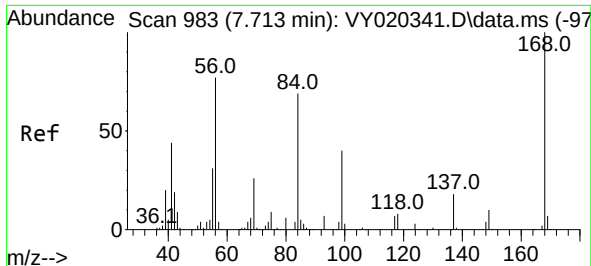
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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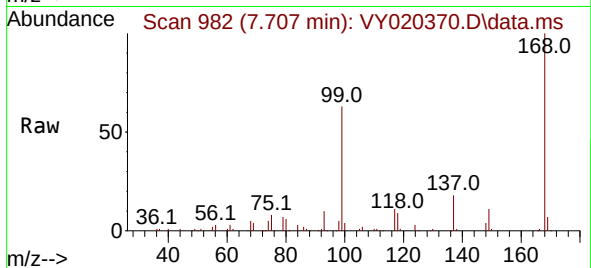
Quant Time: Nov 21 00:52:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 20 04:38:24 2024
Response via : Initial Calibration



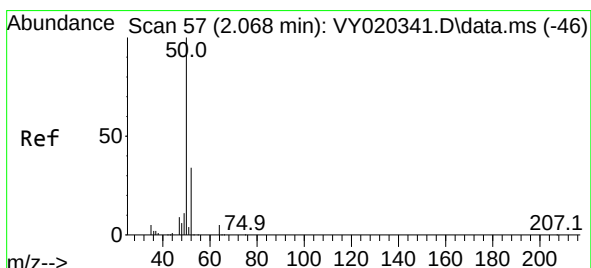
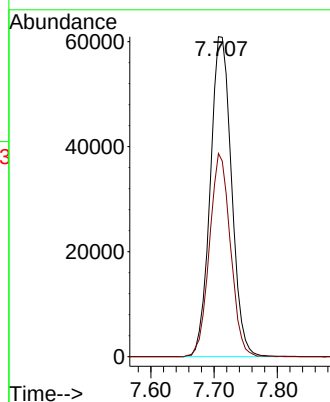
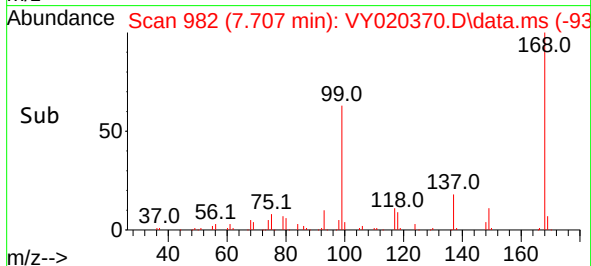


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020370.D
Acq: 20 Nov 2024 19:22

Instrument :
MSVOA_Y
ClientSampleId :

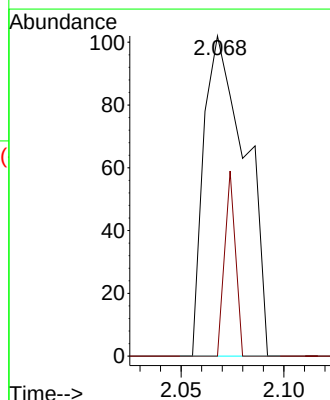
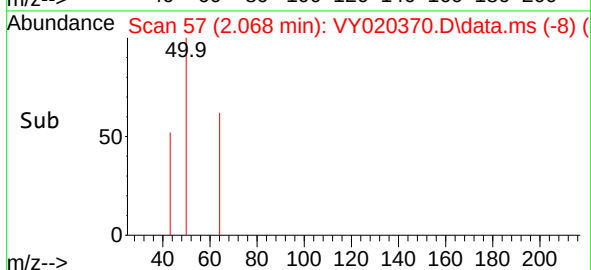
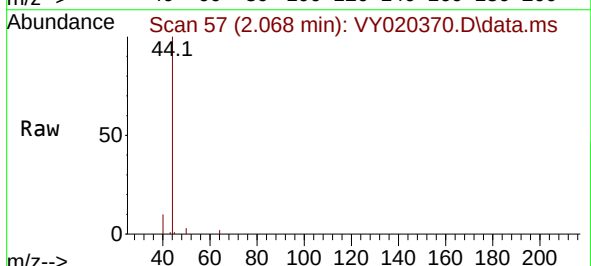


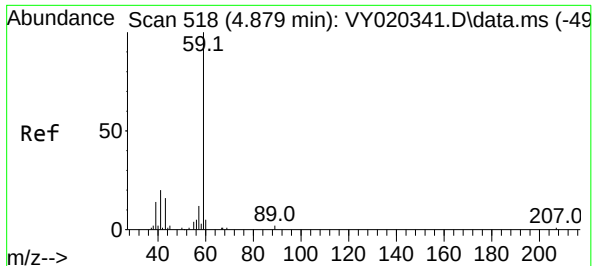
Tgt Ion:168 Resp: 142436
Ion Ratio Lower Upper
168 100
99 63.5 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.068 min Scan# 57
Delta R.T. -0.000 min
Lab File: VY020370.D
Acq: 20 Nov 2024 19:22

Tgt Ion: 50 Resp: 144
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#





#11

Tert butyl alcohol

Concen: 2.527 ug/l

RT: 4.866 min Scan# 518

Delta R.T. -0.013 min

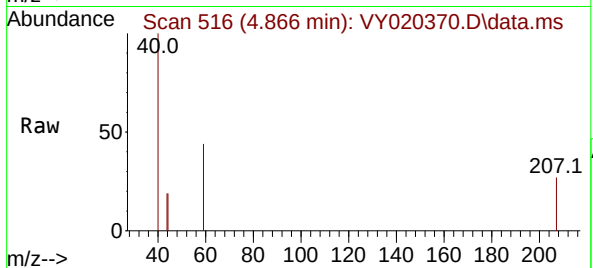
Lab File: VY020370.D

Acq: 20 Nov 2024 19:22

Instrument :

MSVOA_Y

ClientSampleId :

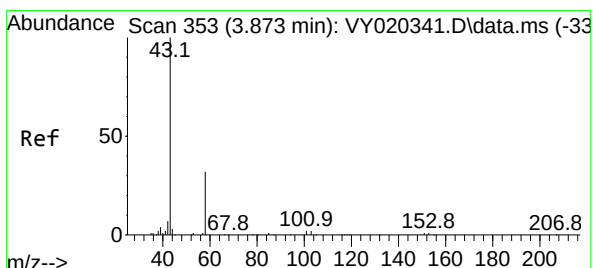
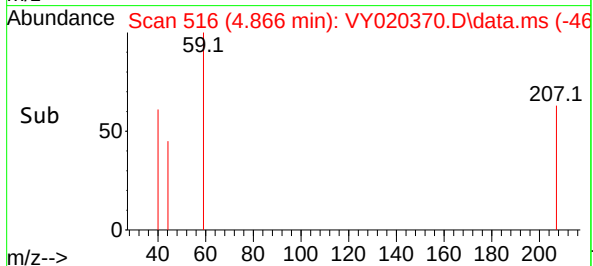
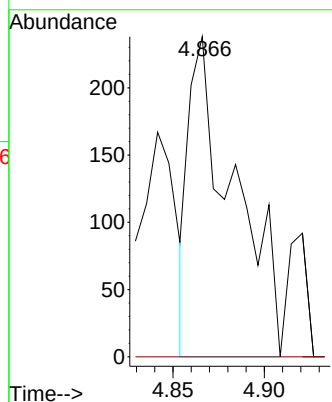


Tgt Ion: 59 Resp: 409

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: 2.473 ug/l

RT: 3.884 min Scan# 355

Delta R.T. 0.012 min

Lab File: VY020370.D

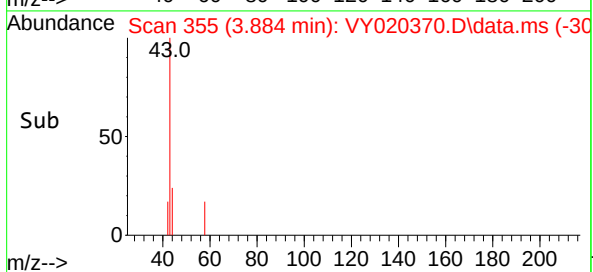
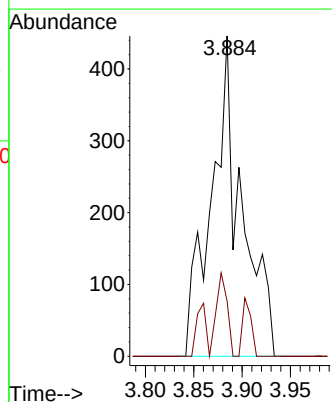
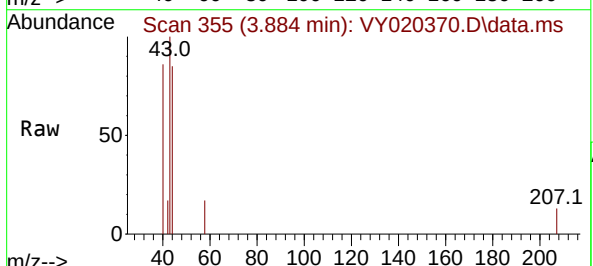
Acq: 20 Nov 2024 19:22

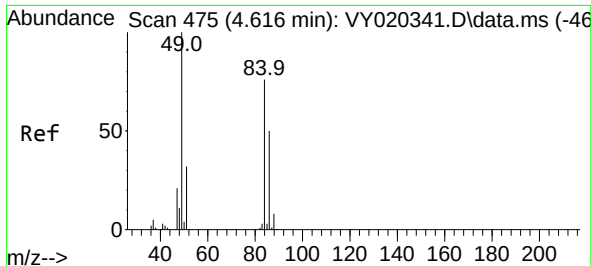
Tgt Ion: 43 Resp: 970

Ion Ratio Lower Upper

43 100

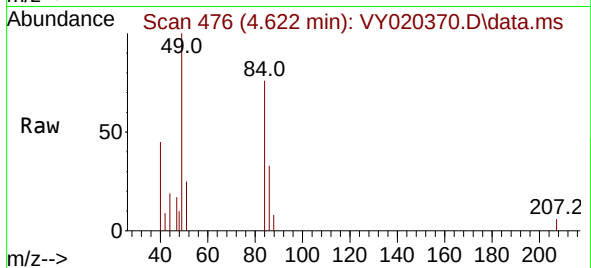
58 17.3 25.7 38.5#



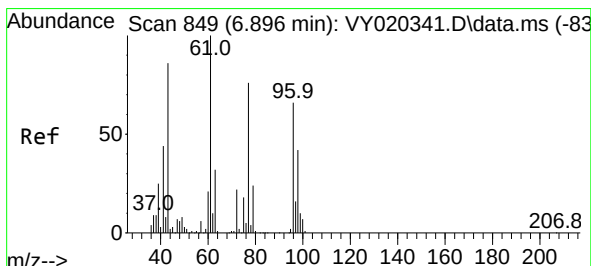
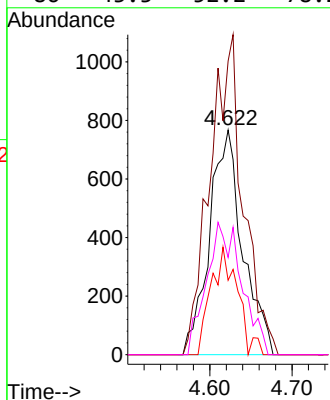
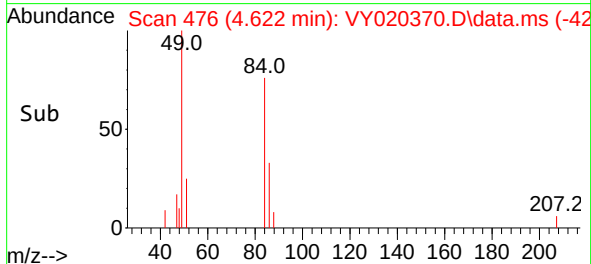


#20
Methylene Chloride
Concen: 1.295 ug/l
RT: 4.622 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY020370.D
Acq: 20 Nov 2024 19:22

Instrument :
MSVOA_Y
ClientSampleId :

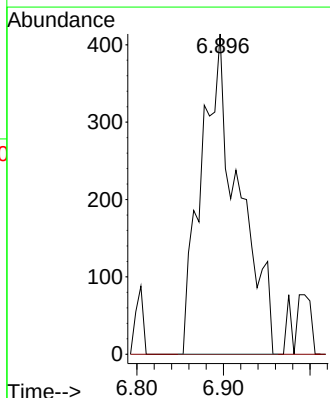
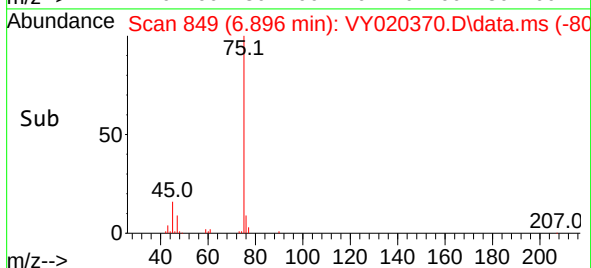
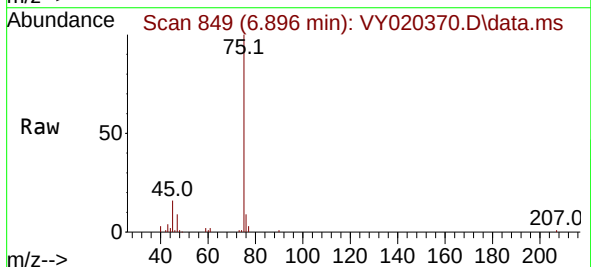


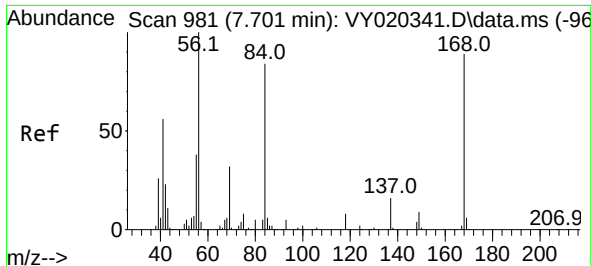
Tgt Ion: 84 Resp: 2151
Ion Ratio Lower Upper
84 100
49 130.8 104.7 157.1
51 33.1 33.4 50.0#
86 43.3 52.2 78.2#



#25
2-Butanone
Concen: 2.449 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY020370.D
Acq: 20 Nov 2024 19:22

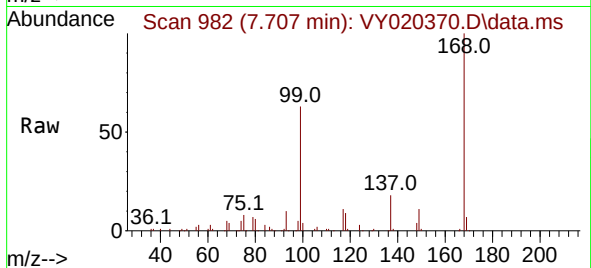
Tgt Ion: 43 Resp: 1237
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



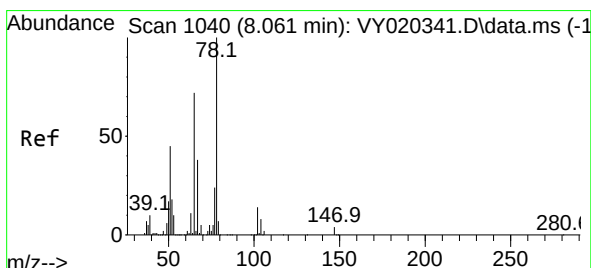
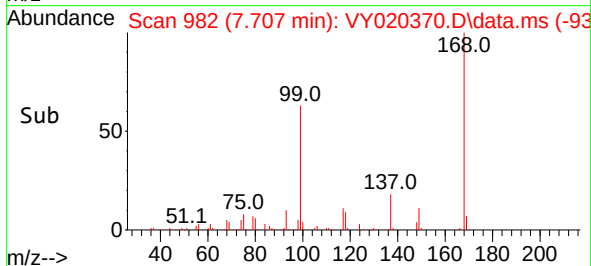
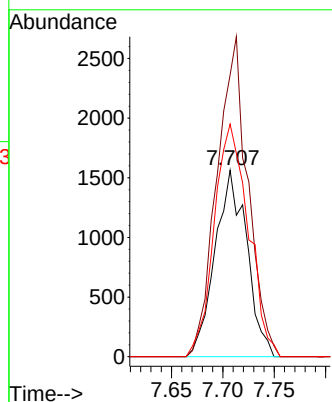


#31
Cyclohexane
Concen: 1.099 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020370.D
Acq: 20 Nov 2024 19:22

Instrument :
MSVOA_Y
ClientSampleId :

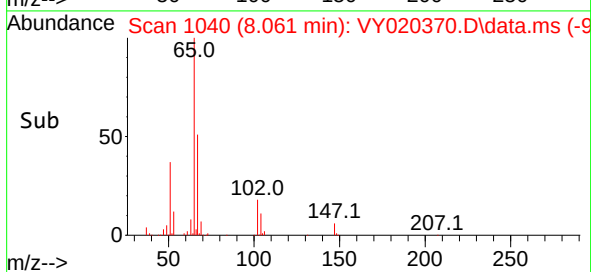
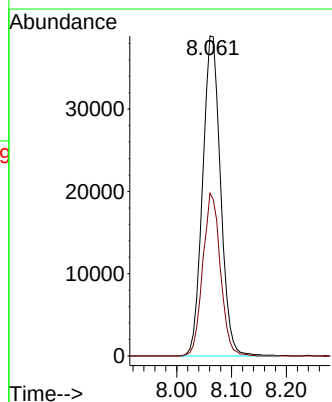
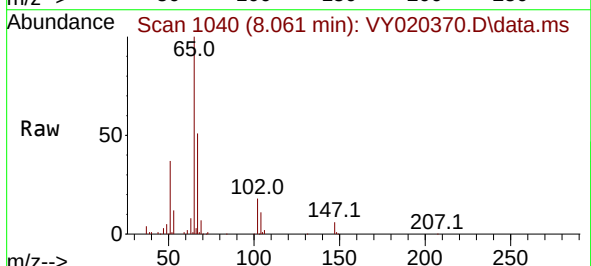


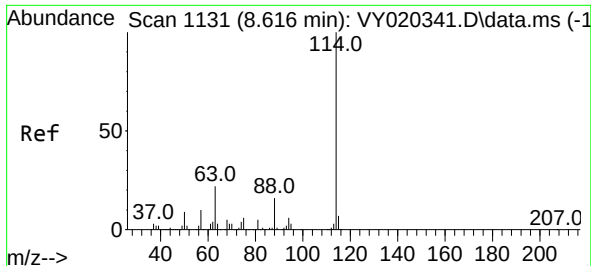
Tgt Ion: 56 Resp: 3352
Ion Ratio Lower Upper
56 100
69 151.1 25.3 37.9#
84 124.8 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 53.966 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020370.D
Acq: 20 Nov 2024 19:22

Tgt Ion: 65 Resp: 88311
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY020370.D

Acq: 20 Nov 2024 19:22

Instrument :

MSVOA_Y

ClientSampleId :

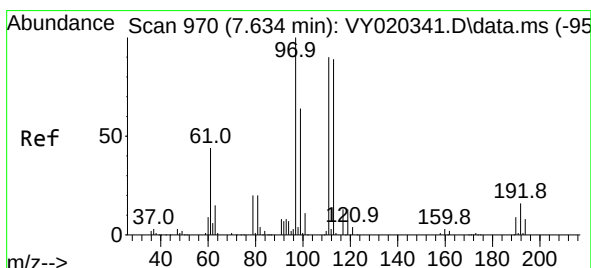
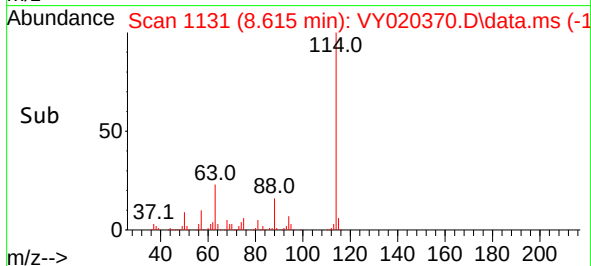
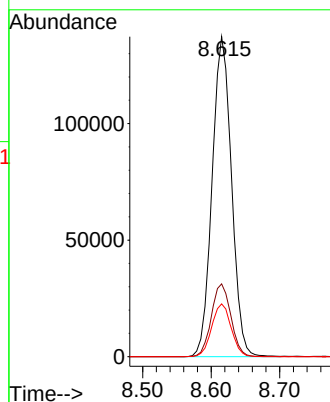
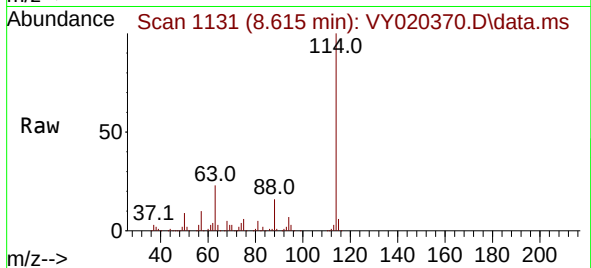
Tgt Ion:114 Resp: 269453

Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.8

88 16.5 0.0 32.0



#35

Dibromofluoromethane

Concen: 49.816 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY020370.D

Acq: 20 Nov 2024 19:22

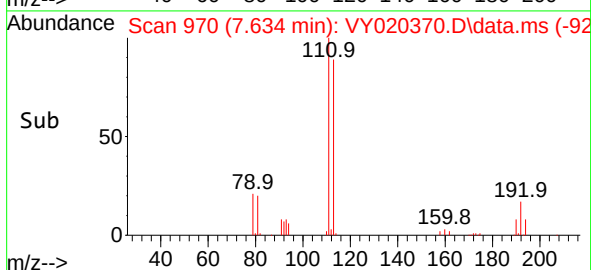
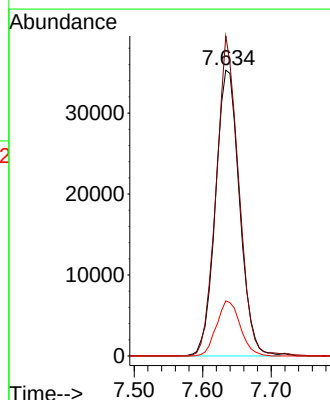
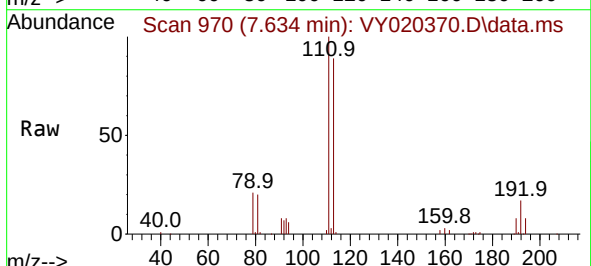
Tgt Ion:113 Resp: 86072

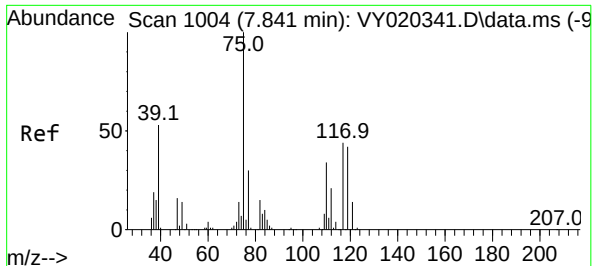
Ion Ratio Lower Upper

113 100

111 104.6 81.4 122.0

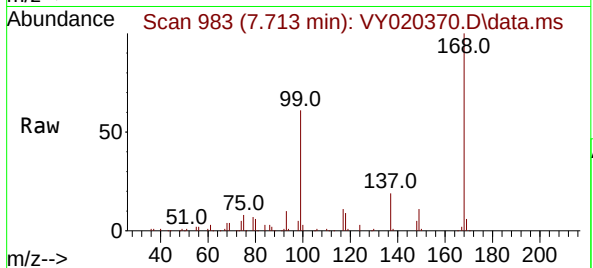
192 18.9 15.1 22.7



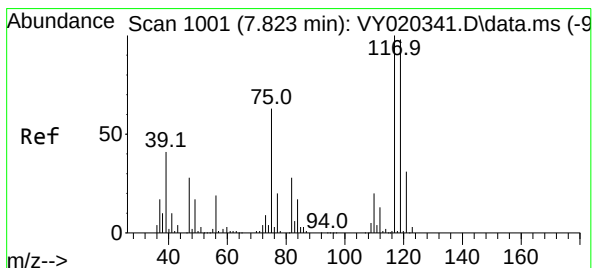
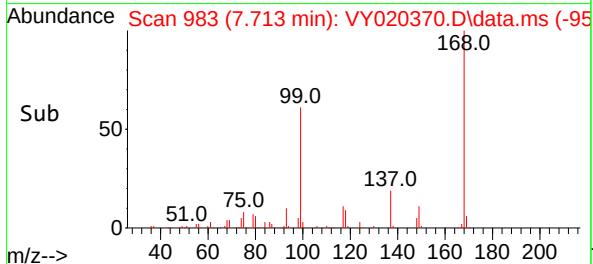
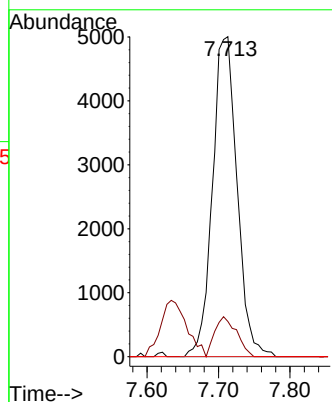


#36
 1,1-Dichloropropene
 Concen: 4.534 ug/l
 RT: 7.713 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY020370.D
 Acq: 20 Nov 2024 19:22

Instrument :
 MSVOA_Y
 ClientSampleId :

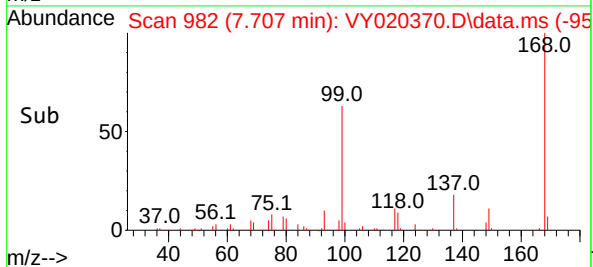
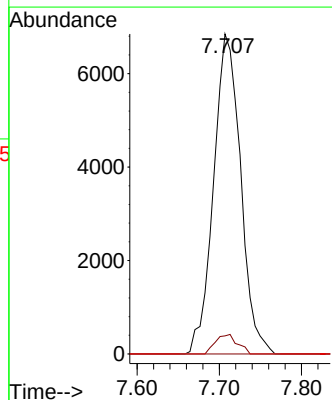
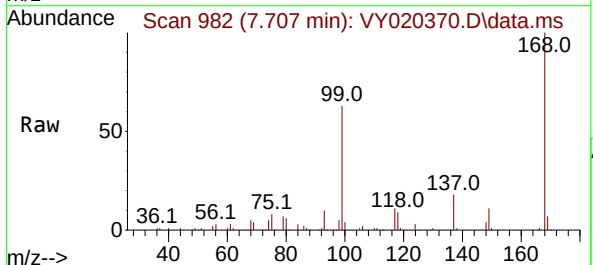


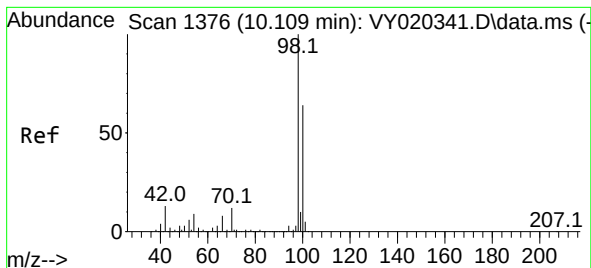
Tgt Ion: 75 Resp: 11966
 Ion Ratio Lower Upper
 75 100
 110 11.1 16.7 50.0#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.690 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.116 min
 Lab File: VY020370.D
 Acq: 20 Nov 2024 19:22

Tgt Ion: 117 Resp: 15677
 Ion Ratio Lower Upper
 117 100
 119 5.7 77.8 116.6#
 121 0.0 24.6 37.0#

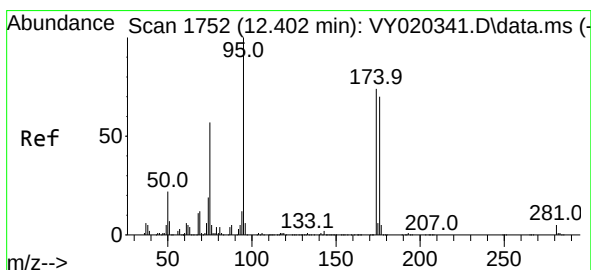
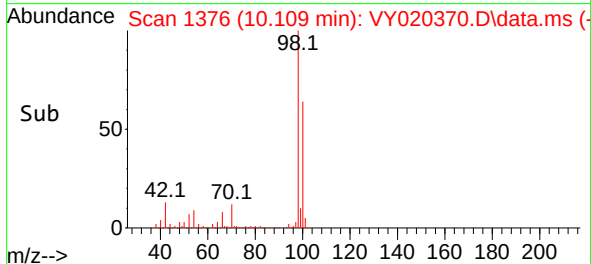
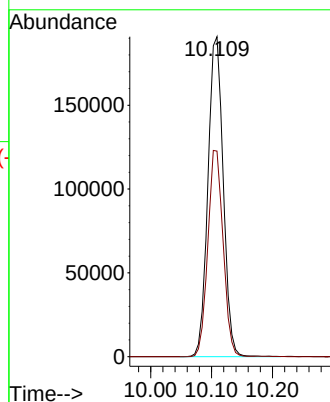
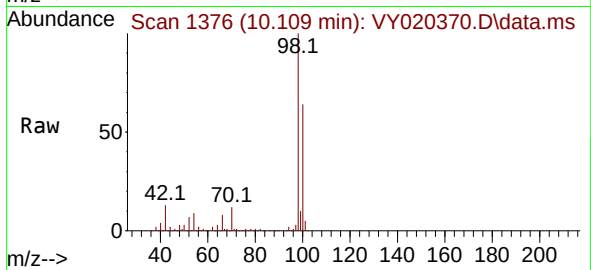




#50
Toluene-d8
Concen: 48.923 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020370.D
Acq: 20 Nov 2024 19:22

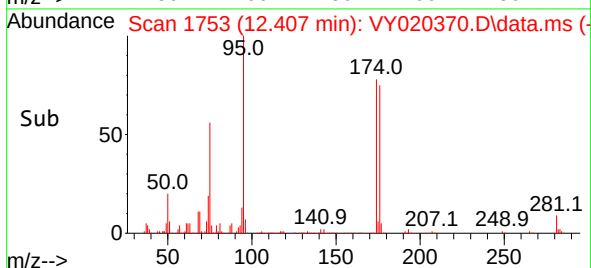
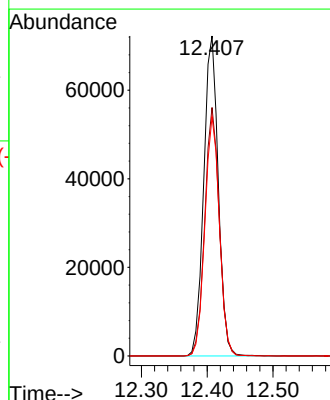
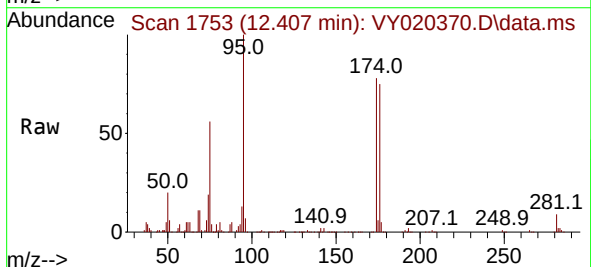
Instrument :
MSVOA_Y
ClientSampleId :

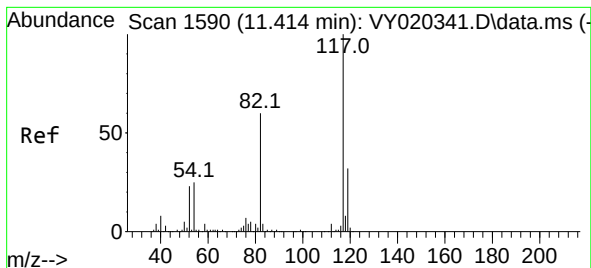
Tgt Ion: 98 Resp: 332979
Ion Ratio Lower Upper
98 100
100 64.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 50.710 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020370.D
Acq: 20 Nov 2024 19:22

Tgt Ion: 95 Resp: 110952
Ion Ratio Lower Upper
95 100
174 77.3 0.0 156.8
176 74.8 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020370.D

Acq: 20 Nov 2024 19:22

Instrument :

MSVOA_Y

ClientSampleId :

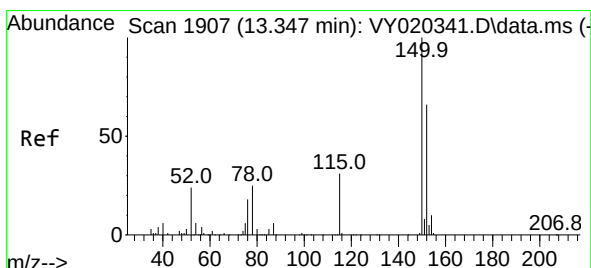
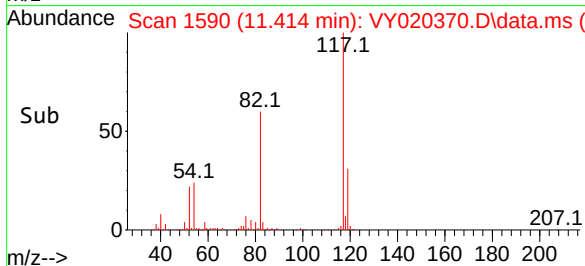
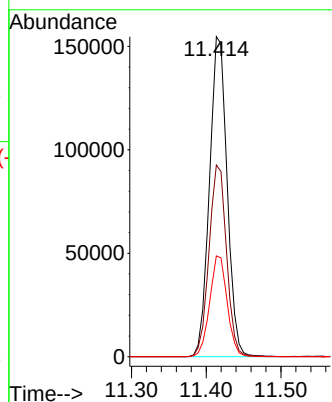
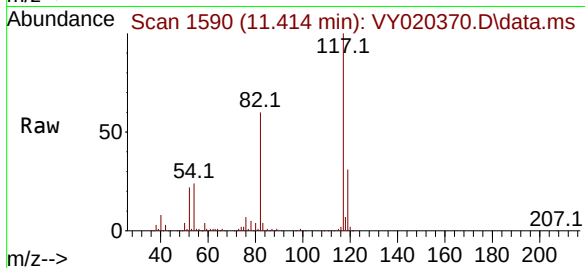
Tgt Ion:117 Resp: 254267

Ion Ratio Lower Upper

117 100

82 59.9 48.2 72.4

119 31.5 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY020370.D

Acq: 20 Nov 2024 19:22

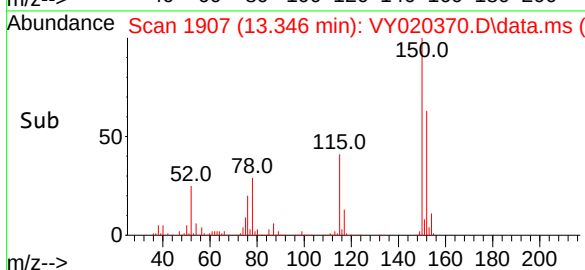
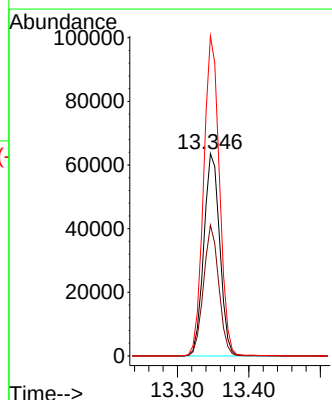
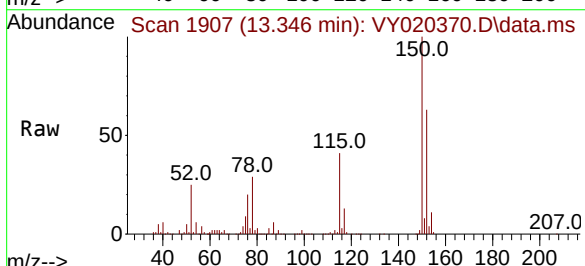
Tgt Ion:152 Resp: 98434

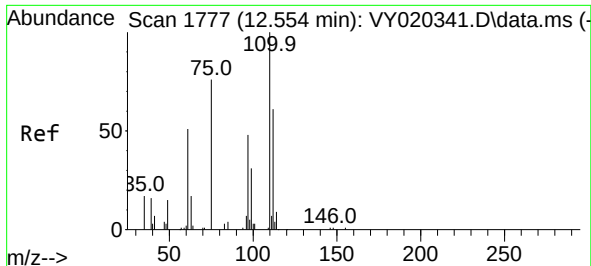
Ion Ratio Lower Upper

152 100

115 61.9 30.0 90.0

150 156.9 0.0 348.2

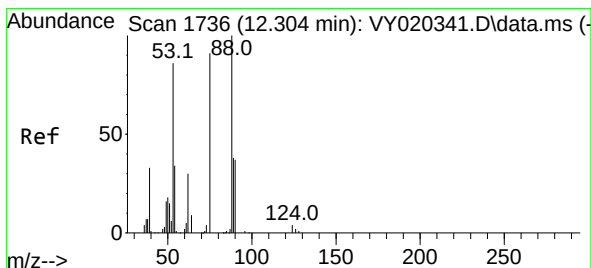
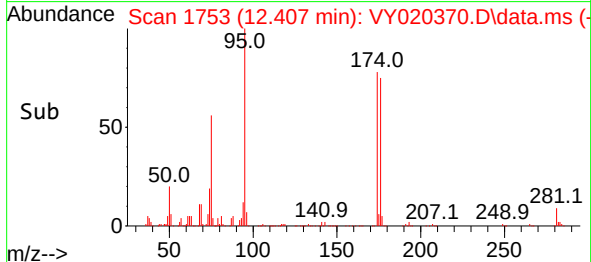
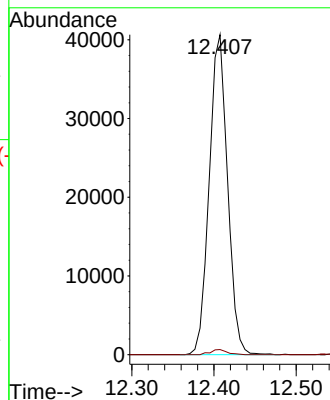
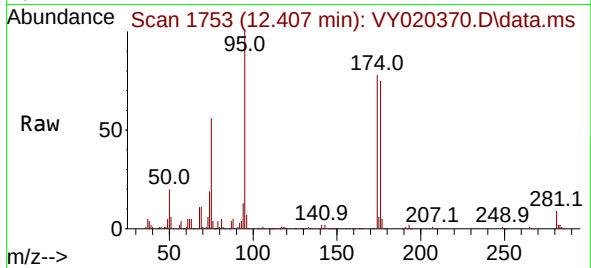




#76
1,2,3-Trichloropropane
Concen: 67.753 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.147 min
Lab File: VY020370.D
Acq: 20 Nov 2024 19:22

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 62859
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.759 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.103 min
Lab File: VY020370.D
Acq: 20 Nov 2024 19:22

Tgt Ion: 75 Resp: 62859
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.1 35.1 52.7#

