

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120624\
 Data File : VY020529.D
 Acq On : 06 Dec 2024 11:31
 Operator : SY/MD
 Sample : VY1206SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 03:22:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

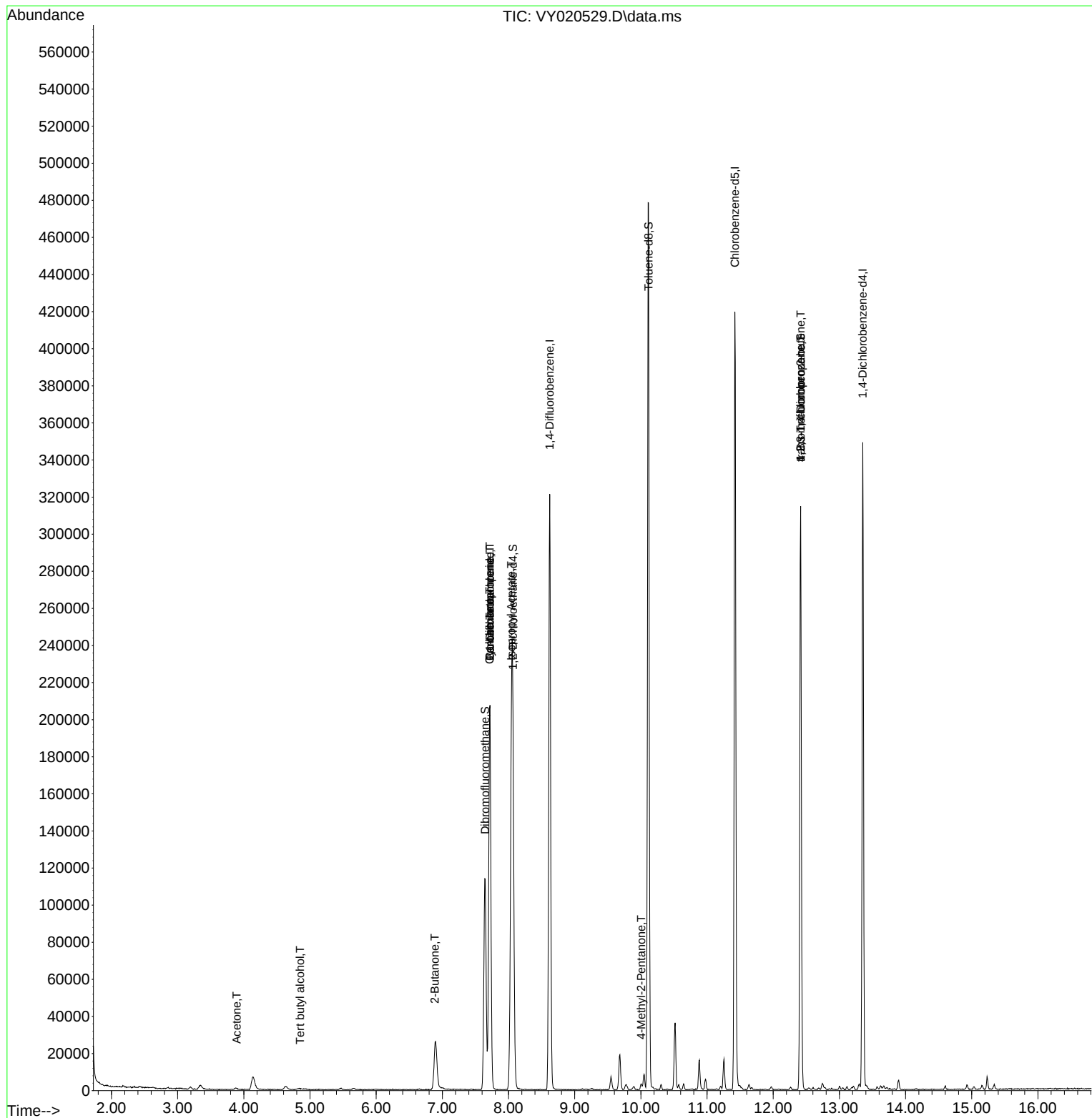
Internal Standards						
1) Pentafluorobenzene	7.719	168	155816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	263214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	218185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	85714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	82823	52.265	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.540%	
35) Dibromofluoromethane	7.646	113	81516	49.193	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.380%	
50) Toluene-d8	10.115	98	318895	50.540	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.080%	
62) 4-Bromofluorobenzene	12.414	95	91953	41.668	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 83.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	928	9.028	ug/l #	73
16) Acetone	3.891	43	1593	4.043	ug/l #	88
25) 2-Butanone	6.884	43	761	1.529	ug/l #	82
31) Cyclohexane	7.713	56	3512	1.125	ug/l #	1
36) 1,1-Dichloropropene	7.719	75	13033	4.657	ug/l #	51
38) Carbon Tetrachloride	7.719	117	17021	5.096	ug/l #	15
43) Isopropyl Acetate	8.043	43	4989	2.229	ug/l #	1
51) 4-Methyl-2-Pentanone	10.006	43	2319	2.098	ug/l	99
76) 1,2,3-Trichloropropane	12.414	75	51887	59.425	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	51887	121.931	ug/l #	9

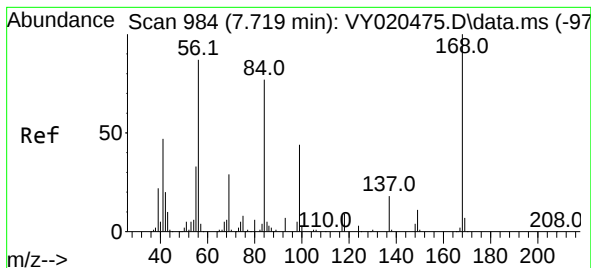
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120624\
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Acq On : 06 Dec 2024 11:31
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MSVOA_Y
ClientSampleId :

Quant Time: Dec 07 03:22:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.719 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY020529.D

Acq: 06 Dec 2024 11:31

Instrument :

MSVOA_Y

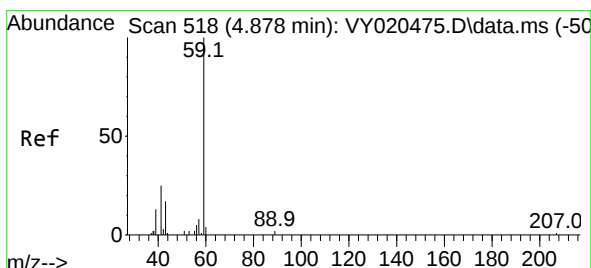
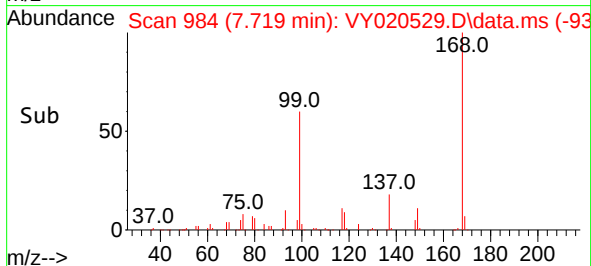
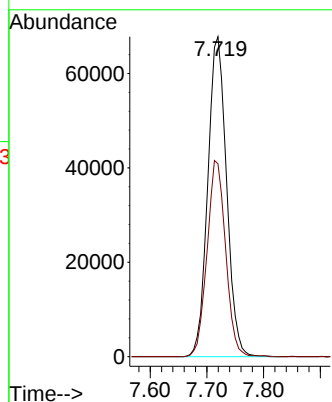
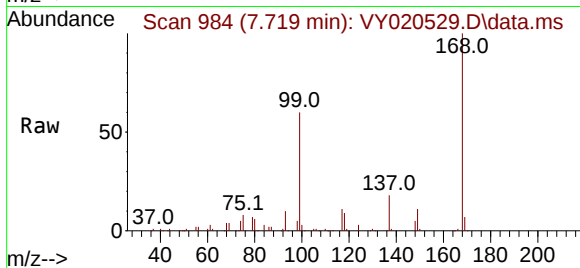
ClientSampleId :

Tgt Ion:168 Resp: 155816

Ion Ratio Lower Upper

168 100

99 60.3 46.6 69.8



#11

Tert butyl alcohol

Concen: 9.028 ug/l

RT: 4.848 min Scan# 513

Delta R.T. -0.030 min

Lab File: VY020529.D

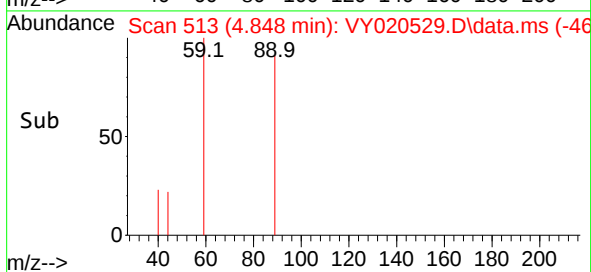
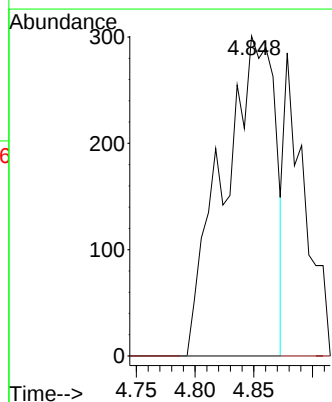
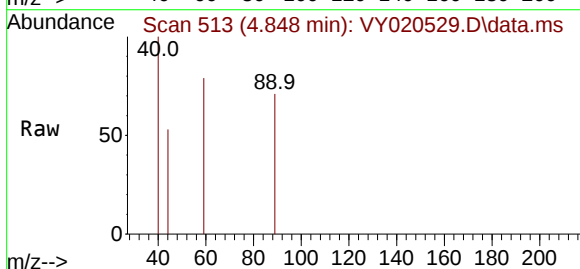
Acq: 06 Dec 2024 11:31

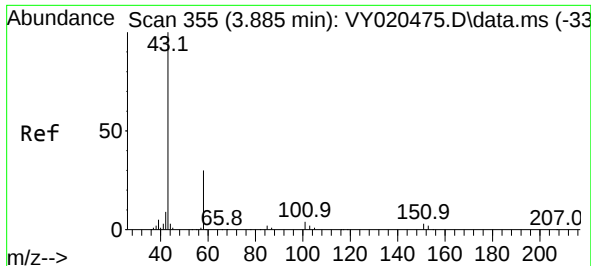
Tgt Ion: 59 Resp: 928

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#





#16

Acetone

Concen: 4.043 ug/l

RT: 3.891 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY020529.D

Acq: 06 Dec 2024 11:31

Instrument :

MSVOA_Y

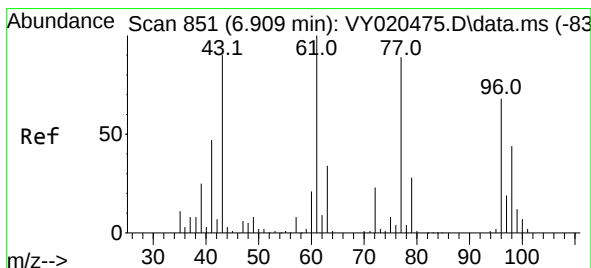
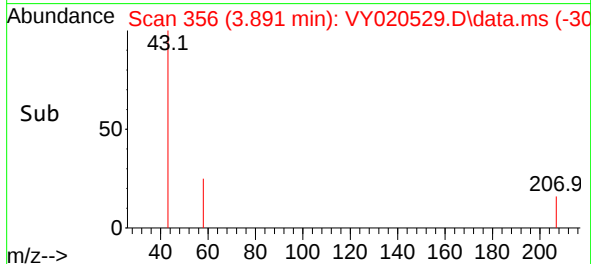
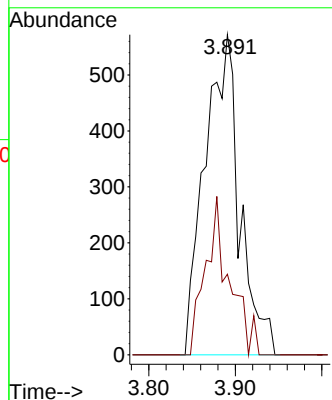
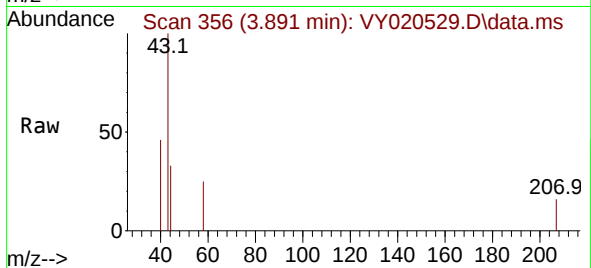
ClientSampleId :

Tgt Ion: 43 Resp: 1593

Ion Ratio Lower Upper

43 100

58 25.2 25.7 38.5#



#25

2-Butanone

Concen: 1.529 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.024 min

Lab File: VY020529.D

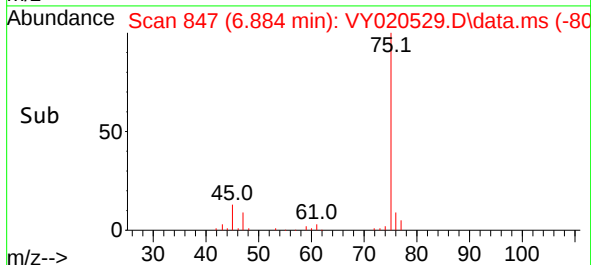
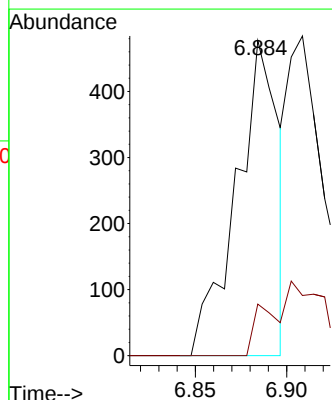
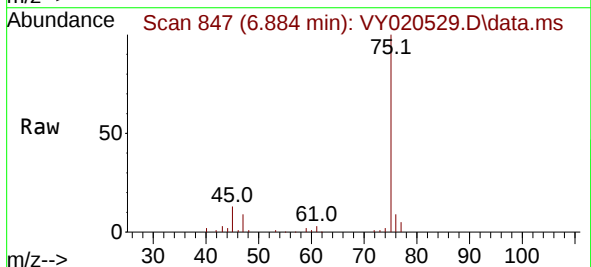
Acq: 06 Dec 2024 11:31

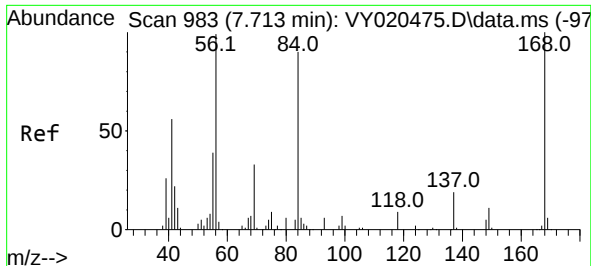
Tgt Ion: 43 Resp: 761

Ion Ratio Lower Upper

43 100

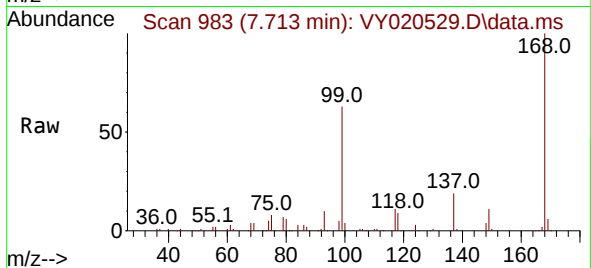
72 16.4 20.4 30.6#



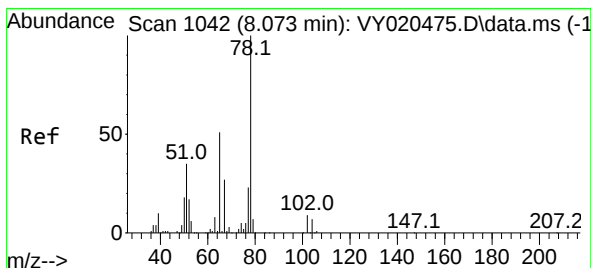
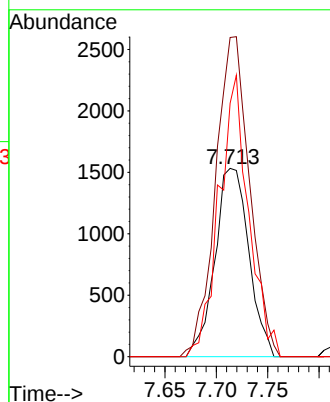
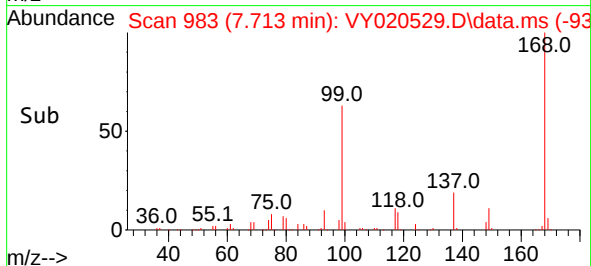


#31
Cyclohexane
Concen: 1.125 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.000 min
Lab File: VY020529.D
Acq: 06 Dec 2024 11:31

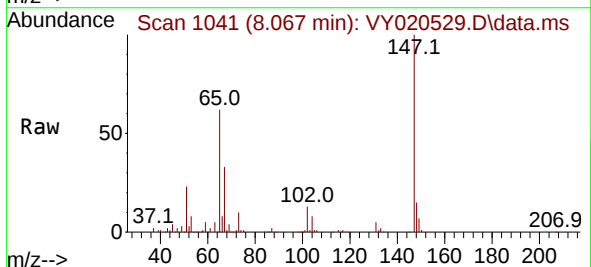
Instrument :
MSVOA_Y
ClientSampleId :



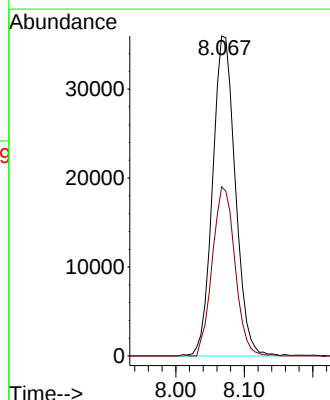
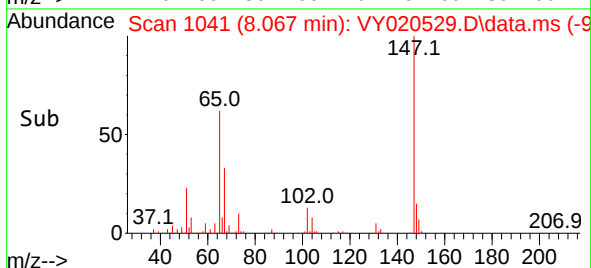
Tgt Ion: 56 Resp: 3512
Ion Ratio Lower Upper
56 100
69 169.5 25.3 37.9#
84 134.6 66.9 100.3#

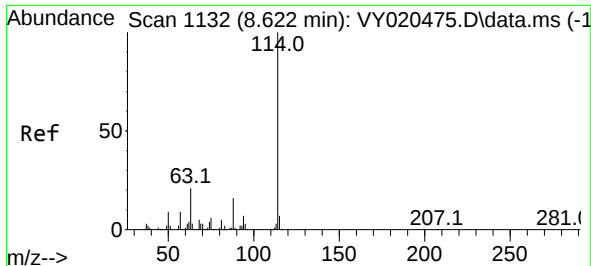


#33
1,2-Dichloroethane-d4
Concen: 52.265 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020529.D
Acq: 06 Dec 2024 11:31



Tgt Ion: 65 Resp: 82823
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY020529.D

Acq: 06 Dec 2024 11:31

Instrument :

MSVOA_Y

ClientSampleId :

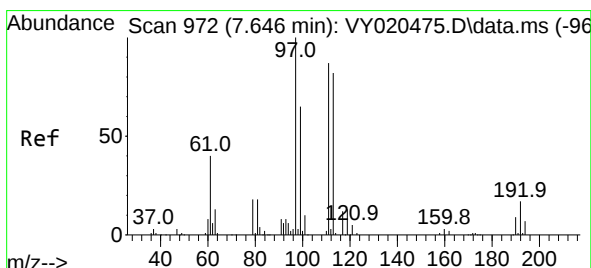
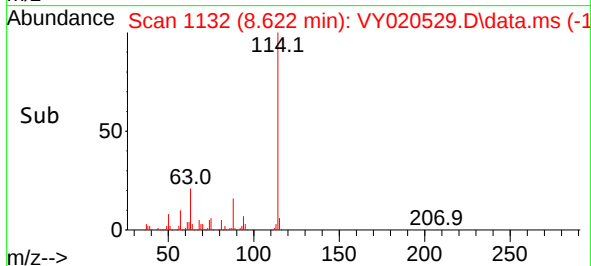
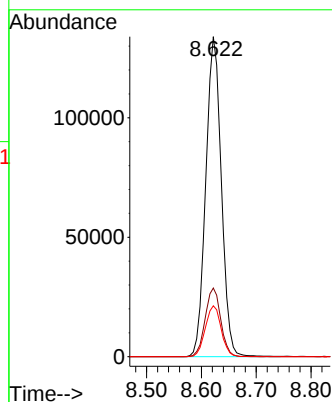
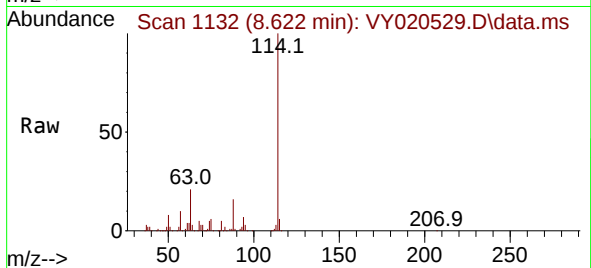
Tgt Ion:114 Resp: 263214

Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.8

88 15.9 0.0 32.0



#35

Dibromofluoromethane

Concen: 49.193 ug/l

RT: 7.646 min Scan# 972

Delta R.T. -0.000 min

Lab File: VY020529.D

Acq: 06 Dec 2024 11:31

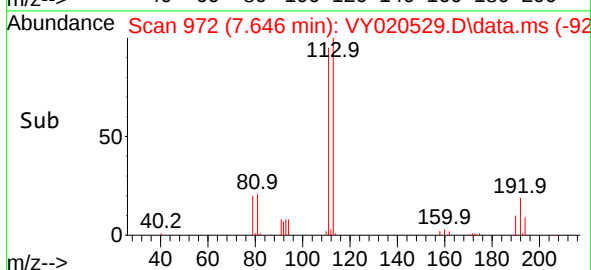
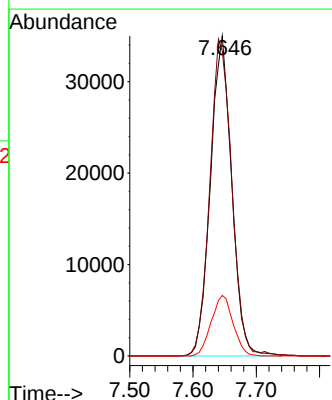
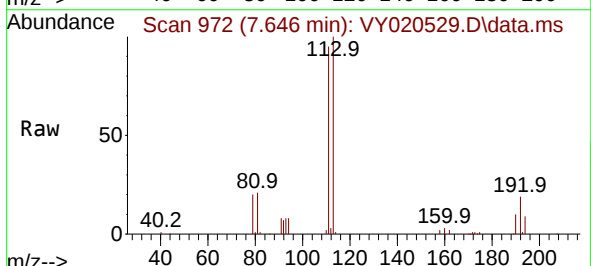
Tgt Ion:113 Resp: 81516

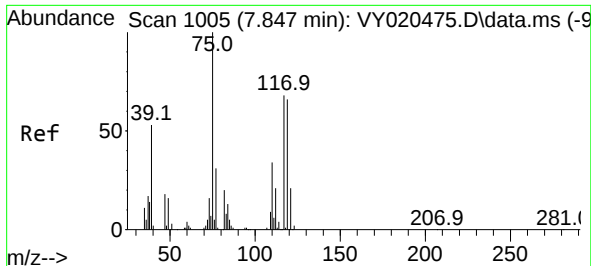
Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 19.4 15.1 22.7





#36

1,1-Dichloropropene

Concen: 4.657 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.128 min

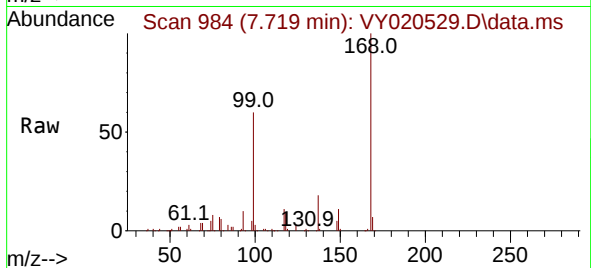
Lab File: VY020529.D

Acq: 06 Dec 2024 11:31

Instrument :

MSVOA_Y

ClientSampleId :



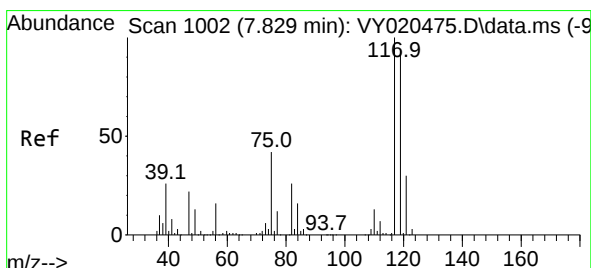
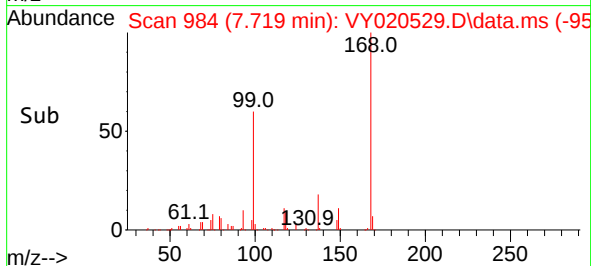
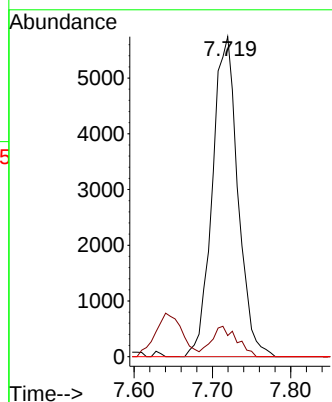
Tgt Ion: 75 Resp: 13033

Ion Ratio Lower Upper

75 100

110 9.4 16.7 50.0#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.096 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.110 min

Lab File: VY020529.D

Acq: 06 Dec 2024 11:31

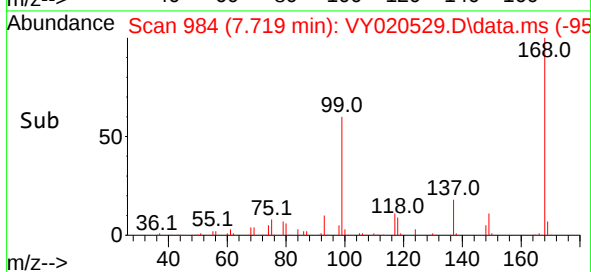
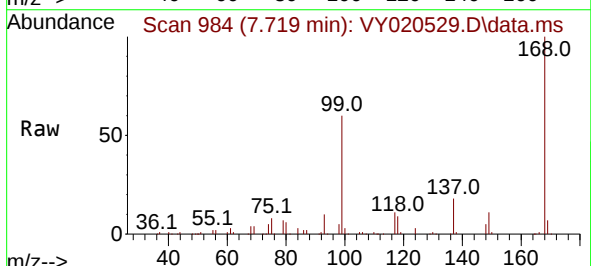
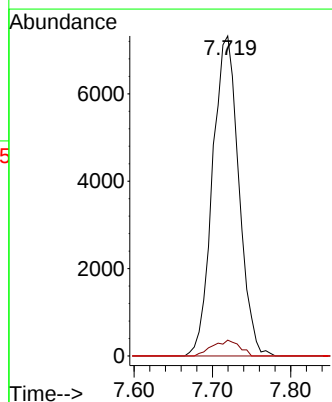
Tgt Ion: 117 Resp: 17021

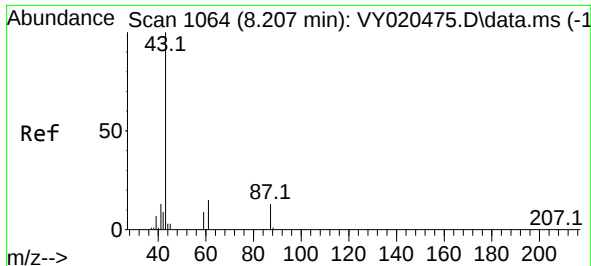
Ion Ratio Lower Upper

117 100

119 4.9 77.8 116.6#

121 0.0 24.6 37.0#

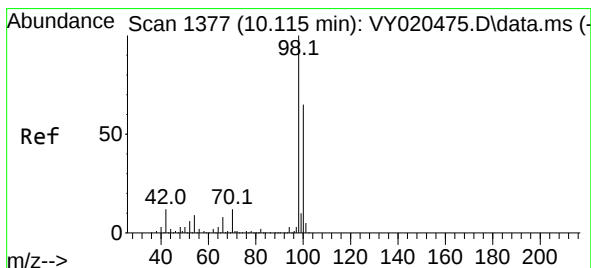
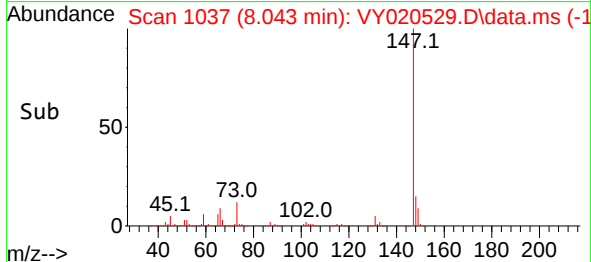
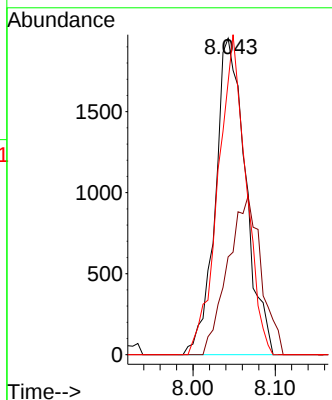
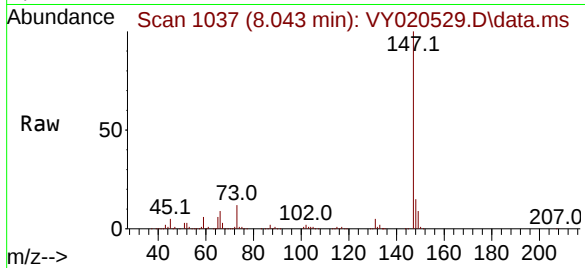




#43
Isopropyl Acetate
Concen: 2.229 ug/l
RT: 8.043 min Scan# 1064
Delta R.T. -0.165 min
Lab File: VY020529.D
Acq: 06 Dec 2024 11:31

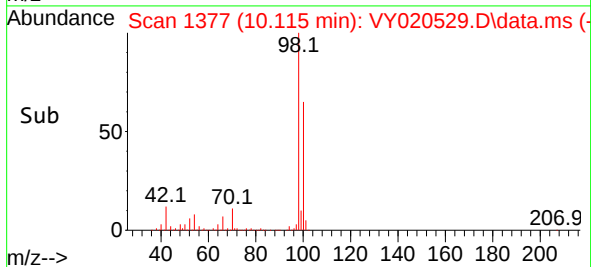
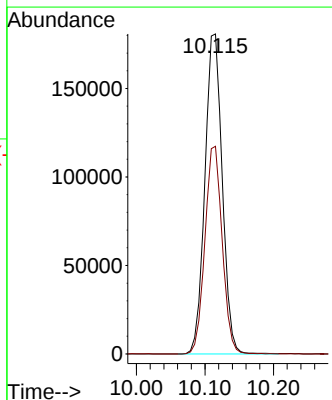
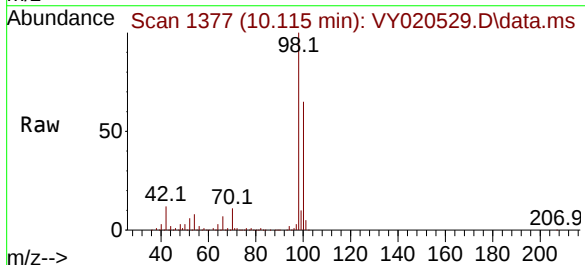
Instrument :
MSVOA_Y
ClientSampleId :

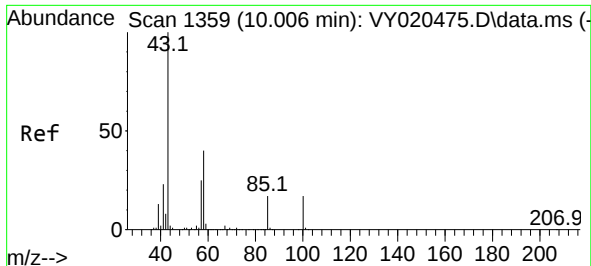
Tgt Ion: 43 Resp: 4989
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 93.9 9.6 14.4#



#50
Toluene-d8
Concen: 50.540 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. -0.000 min
Lab File: VY020529.D
Acq: 06 Dec 2024 11:31

Tgt Ion: 98 Resp: 318895
Ion Ratio Lower Upper
98 100
100 64.7 51.3 76.9

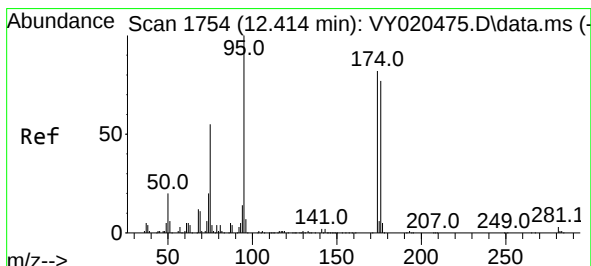
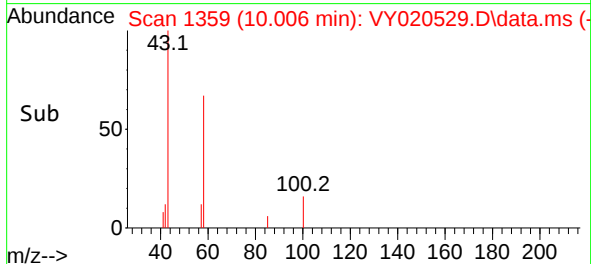
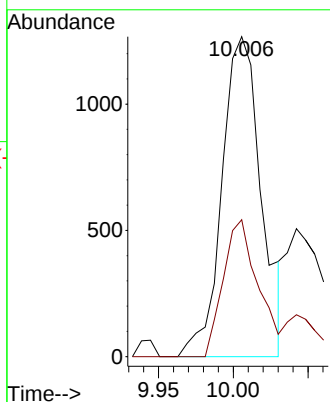
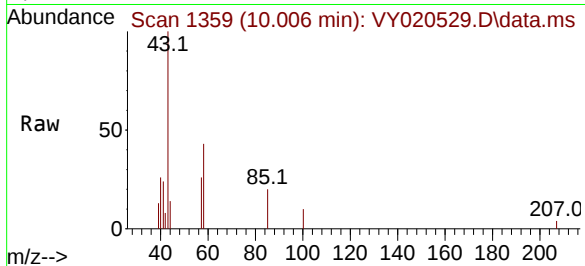




#51
4-Methyl-2-Pentanone
Concen: 2.098 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VY020529.D
Acq: 06 Dec 2024 11:31

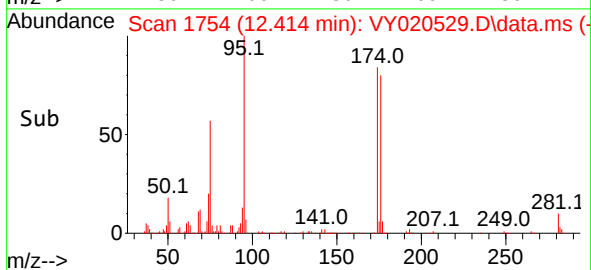
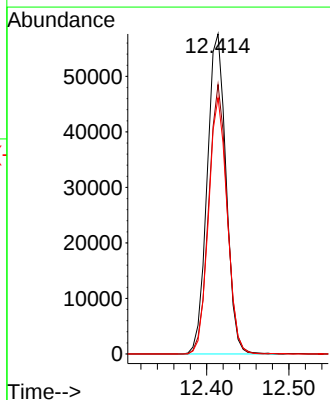
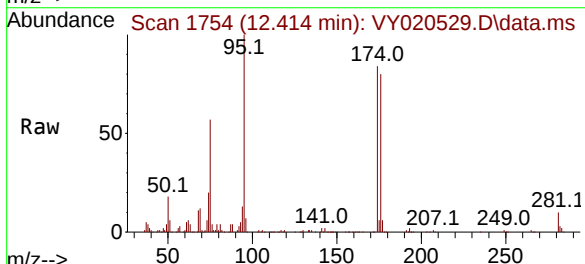
Instrument :
MSVOA_Y
ClientSampleId :

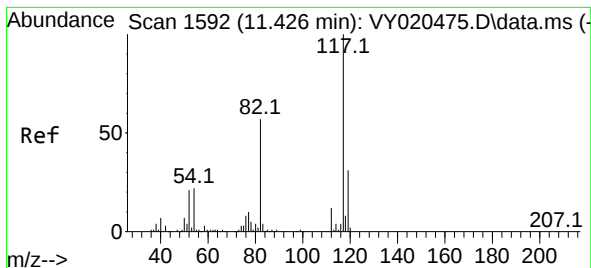
Tgt Ion: 43 Resp: 2319
Ion Ratio Lower Upper
43 100
58 37.9 30.9 46.3



#62
4-Bromofluorobenzene
Concen: 41.668 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY020529.D
Acq: 06 Dec 2024 11:31

Tgt Ion: 95 Resp: 91953
Ion Ratio Lower Upper
95 100
174 81.8 0.0 156.8
176 78.8 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: VY020529.D

Acq: 06 Dec 2024 11:31

Instrument :

MSVOA_Y

ClientSampleId :

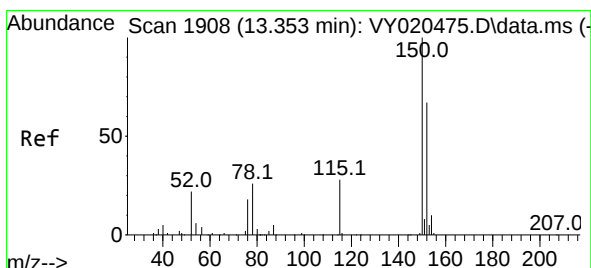
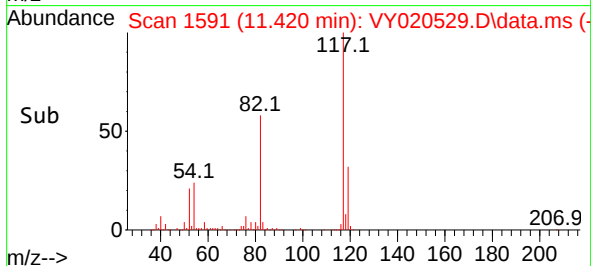
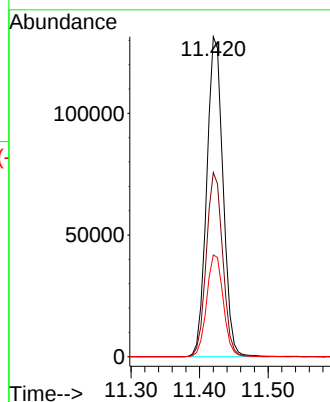
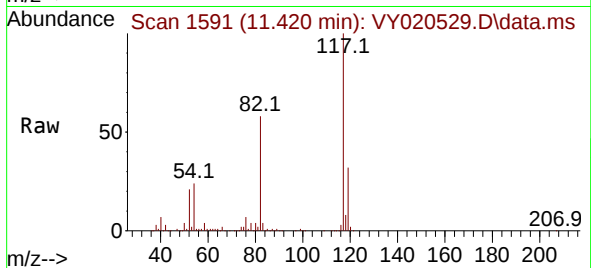
Tgt Ion:117 Resp: 218185

Ion Ratio Lower Upper

117 100

82 57.5 48.2 72.4

119 31.8 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020529.D

Acq: 06 Dec 2024 11:31

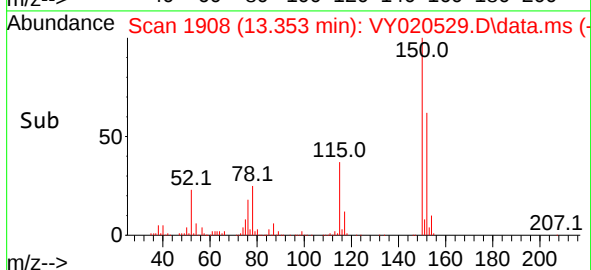
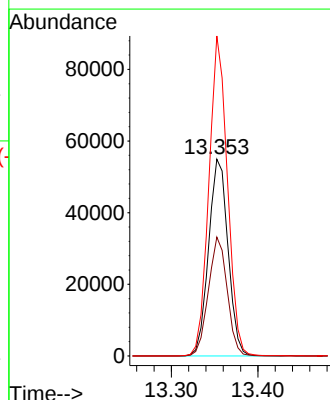
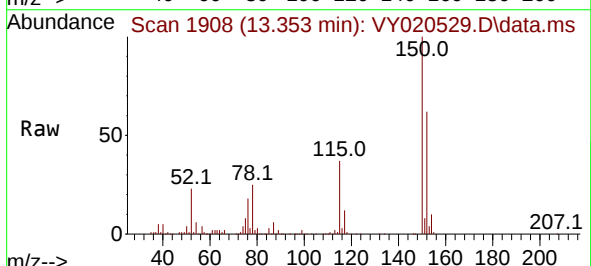
Tgt Ion:152 Resp: 85714

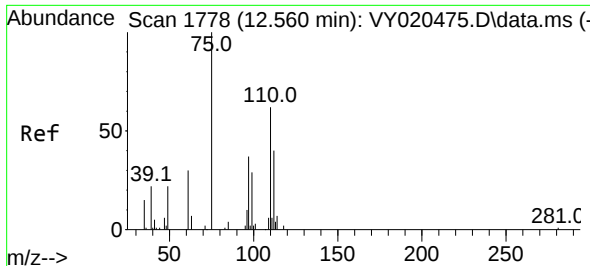
Ion Ratio Lower Upper

152 100

115 58.3 30.0 90.0

150 154.8 0.0 348.2

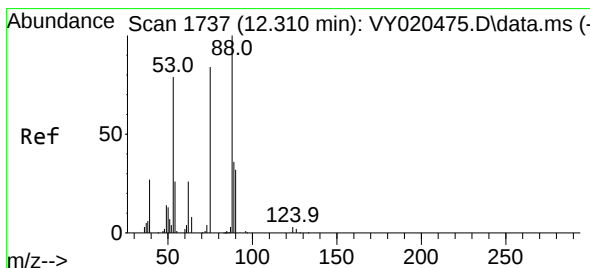
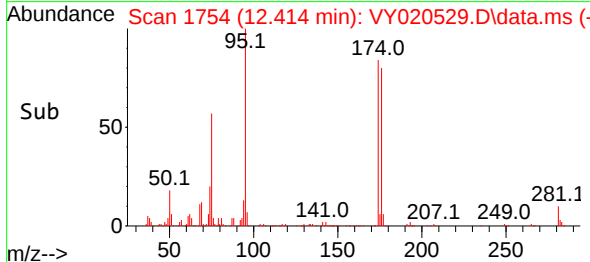
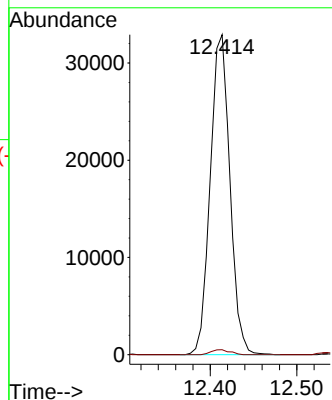
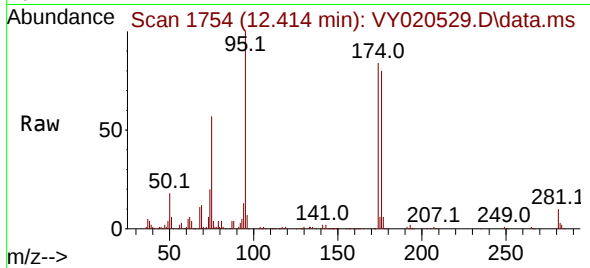




#76
1,2,3-Trichloropropane
Concen: 59.425 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY020529.D
Acq: 06 Dec 2024 11:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 51887
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.931 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.104 min
Lab File: VY020529.D
Acq: 06 Dec 2024 11:31

Tgt Ion: 75 Resp: 51887
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.1 35.1 52.7#

