

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101724\
 Data File : VY019929.D
 Acq On : 17 Oct 2024 14:04
 Operator : SY/MD
 Sample : P4425-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 01:41:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

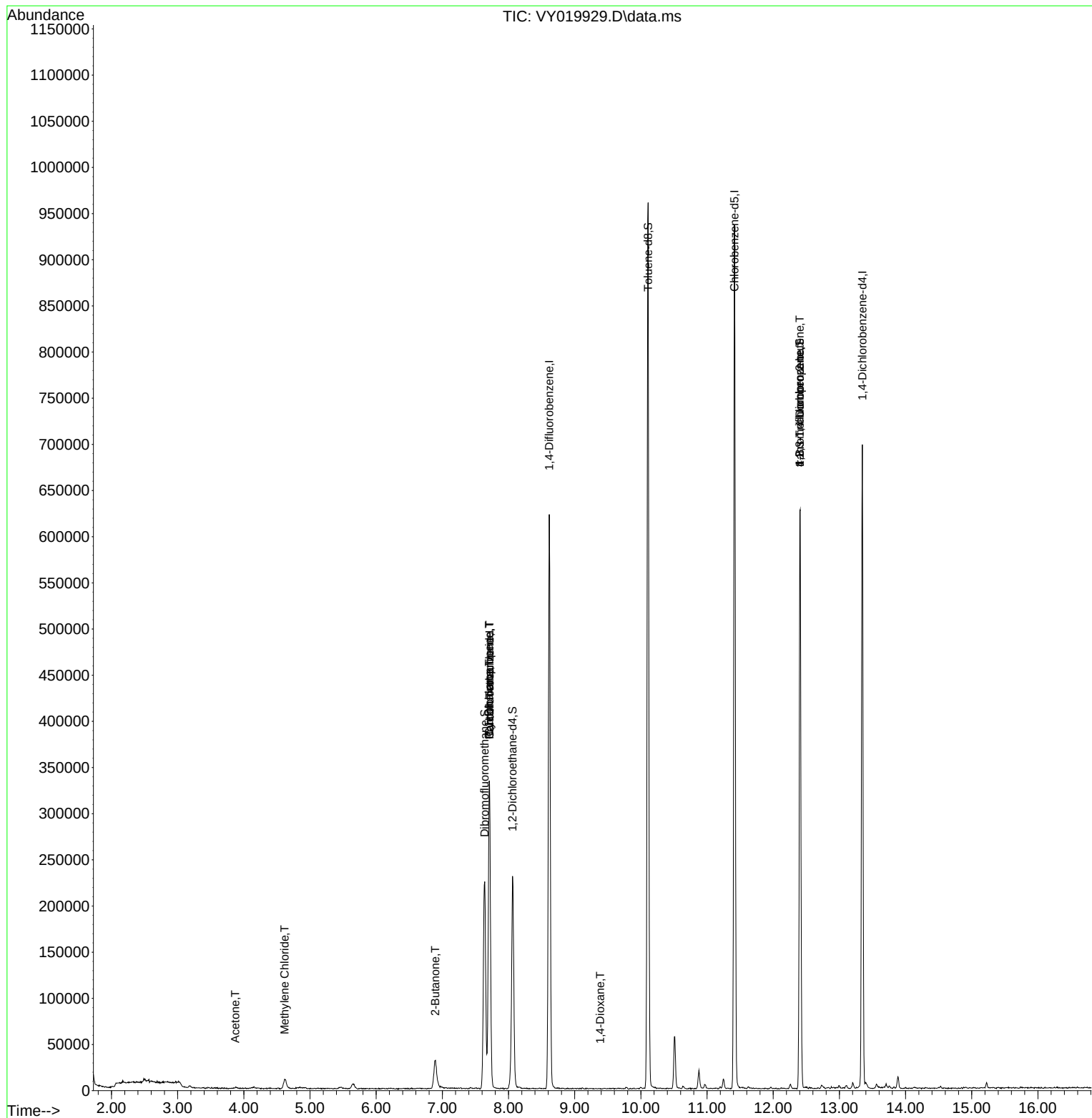
Internal Standards						
1) Pentafluorobenzene	7.713	168	232669	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	489598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	440976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	159530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	170062	59.362	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.720%	
35) Dibromofluoromethane	7.640	113	162027	50.151	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.300%	
50) Toluene-d8	10.109	98	603107	50.550	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.100%	
62) 4-Bromofluorobenzene	12.402	95	184887	42.887	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 85.780%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	151	Below Cal	#	88
16) Acetone	3.873	43	1223	1.640	ug/l #	78
20) Methylene Chloride	4.616	84	6441	1.556	ug/l #	82
25) 2-Butanone	6.890	43	2399	2.403	ug/l #	61
31) Cyclohexane	7.707	56	7020	1.467	ug/l #	61
36) 1,1-Dichloropropene	7.707	75	25013	5.374	ug/l #	48
38) Carbon Tetrachloride	7.713	117	26334	5.278	ug/l #	16
49) 1,4-Dioxane	9.384	88	51	2.365	ug/l #	20
76) 1,2,3-Trichloropropane	12.402	75	108764	34.803	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	108764	140.476	ug/l #	16

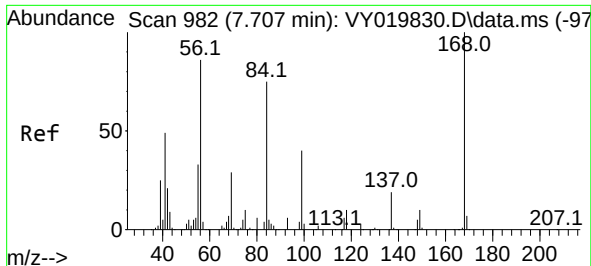
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration

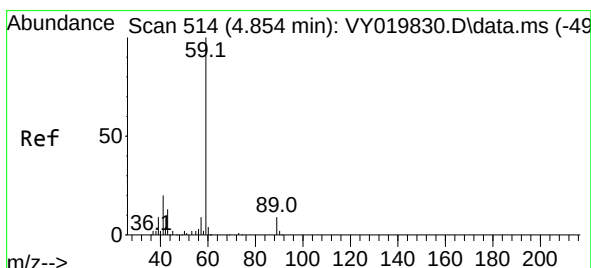
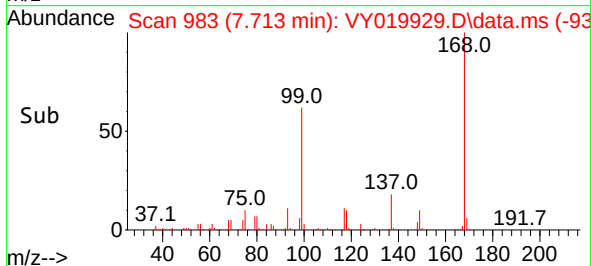
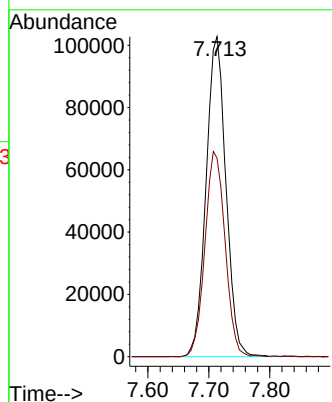
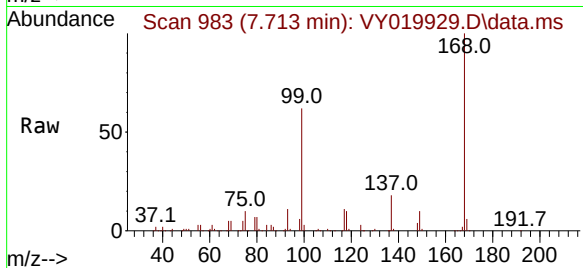




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019929.D
Acq: 17 Oct 2024 14:04

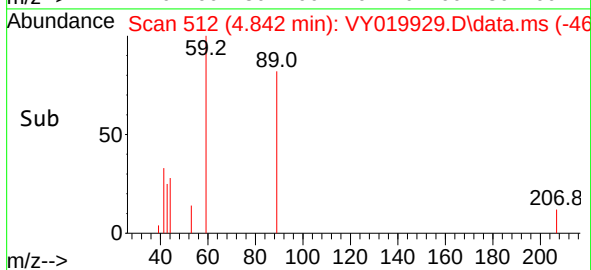
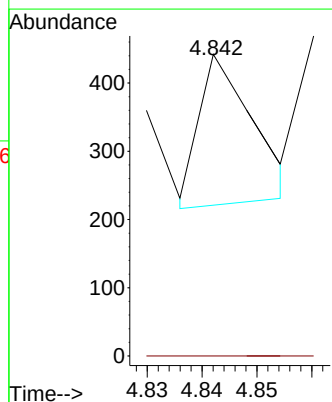
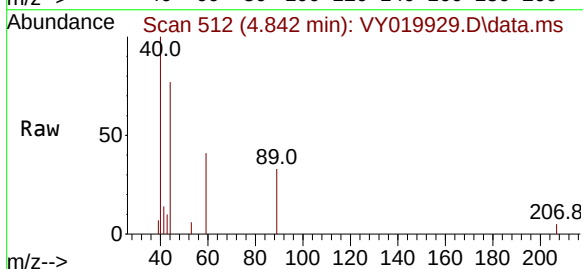
Instrument :
MSVOA_Y
ClientSampleId :

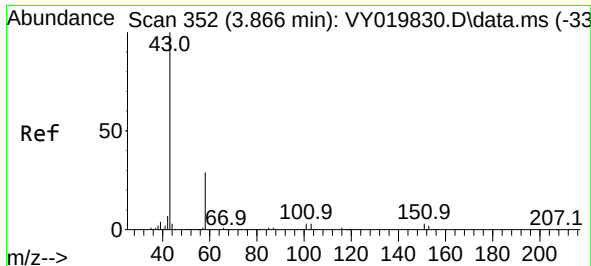
Tgt Ion:168 Resp: 232669
Ion Ratio Lower Upper
168 100
99 62.1 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.842 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY019929.D
Acq: 17 Oct 2024 14:04

Tgt Ion: 59 Resp: 151
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

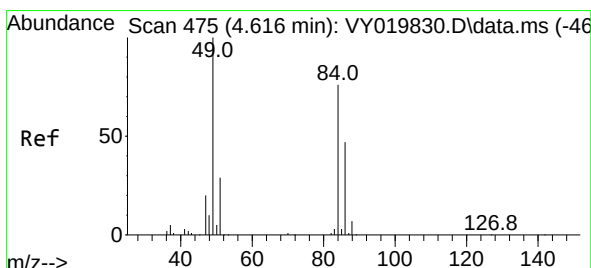
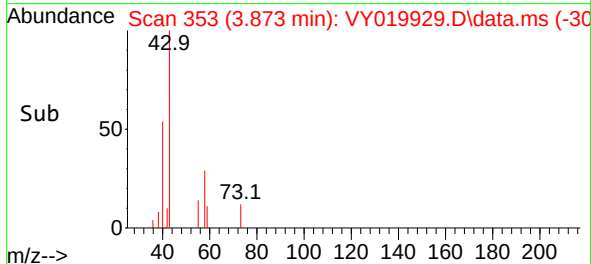
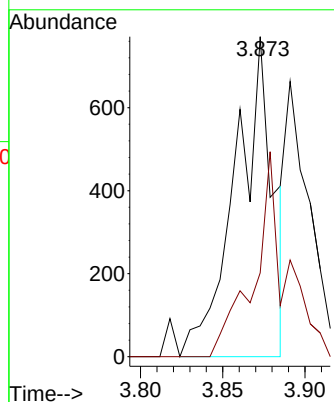
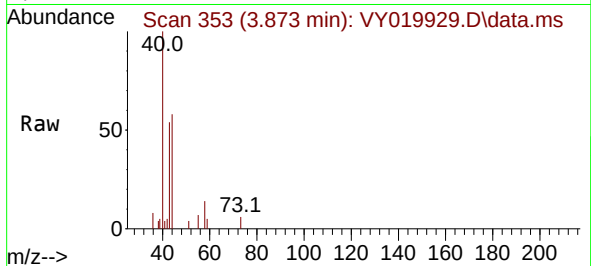




#16
Acetone
Concen: 1.640 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.001 min
Lab File: VY019929.D
Acq: 17 Oct 2024 14:04

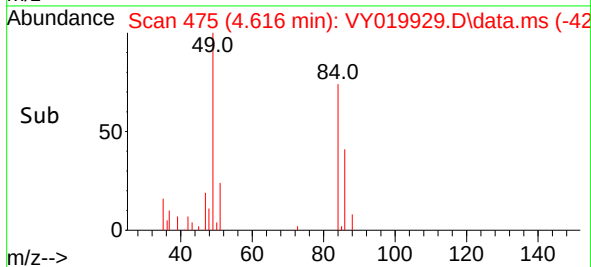
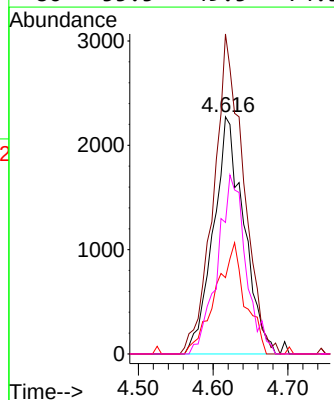
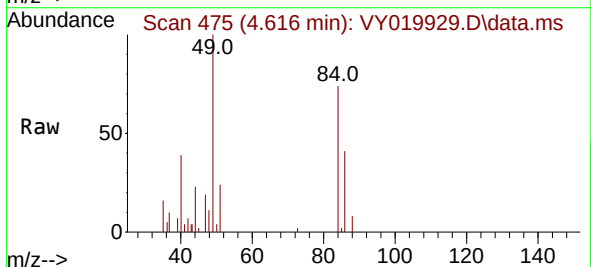
Instrument :
MSVOA_Y
ClientSampleId :

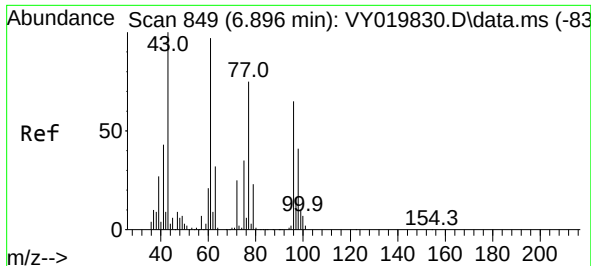
Tgt Ion: 43 Resp: 1223
Ion Ratio Lower Upper
43 100
58 26.2 31.7 47.5#



#20
Methylene Chloride
Concen: 1.556 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019929.D
Acq: 17 Oct 2024 14:04

Tgt Ion: 84 Resp: 6441
Ion Ratio Lower Upper
84 100
49 134.9 84.4 126.6#
51 32.2 26.0 39.0
86 55.5 49.5 74.3

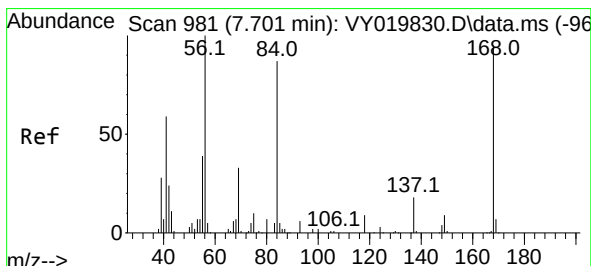
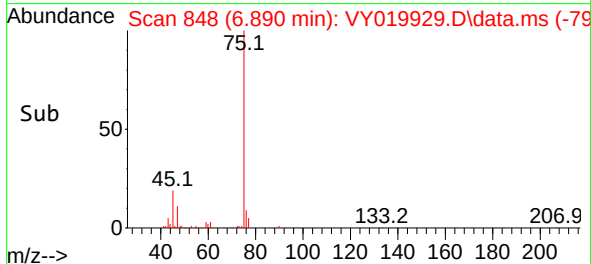
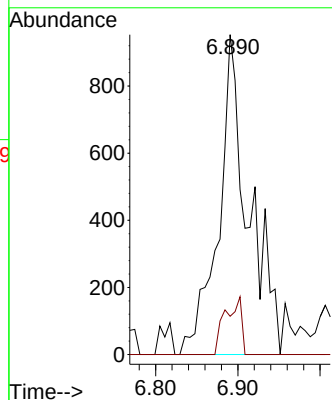
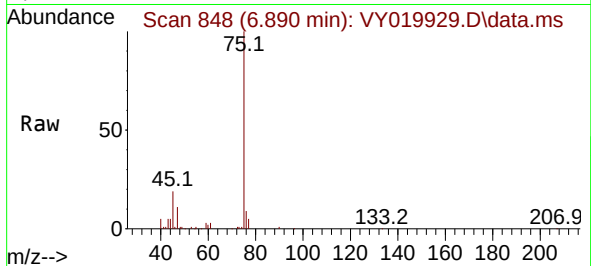




#25
2-Butanone
Concen: 2.403 ug/l
RT: 6.890 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY019929.D
Acq: 17 Oct 2024 14:04

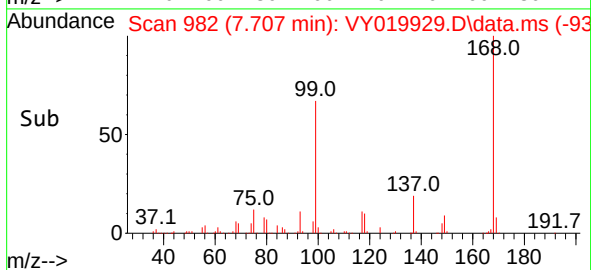
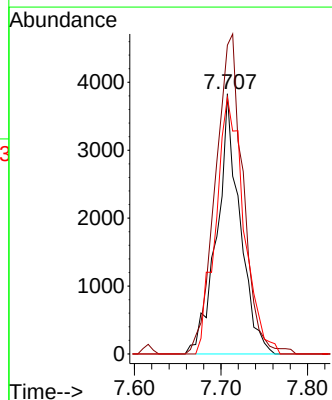
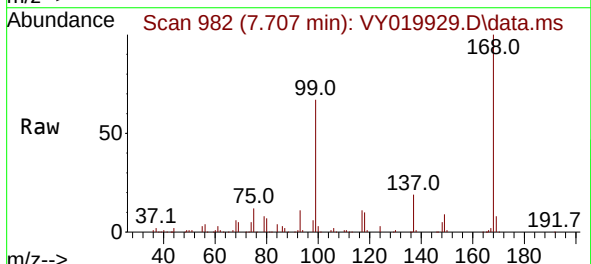
Instrument :
MSVOA_Y
ClientSampleId :

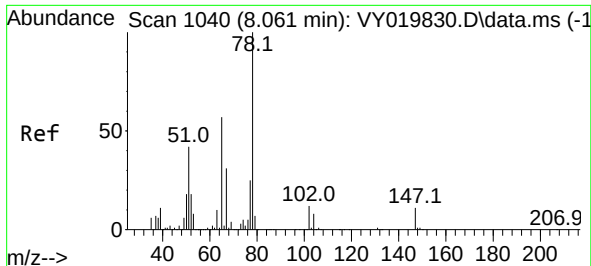
Tgt Ion: 43 Resp: 2399
Ion Ratio Lower Upper
43 100
72 12.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.467 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.007 min
Lab File: VY019929.D
Acq: 17 Oct 2024 14:04

Tgt Ion: 56 Resp: 7020
Ion Ratio Lower Upper
56 100
69 118.7 28.7 43.1#
84 98.6 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 59.362 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019929.D

Acq: 17 Oct 2024 14:04

Instrument :

MSVOA_Y

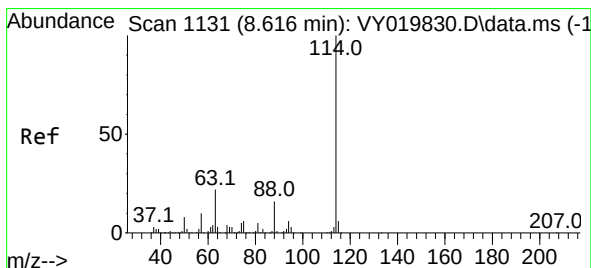
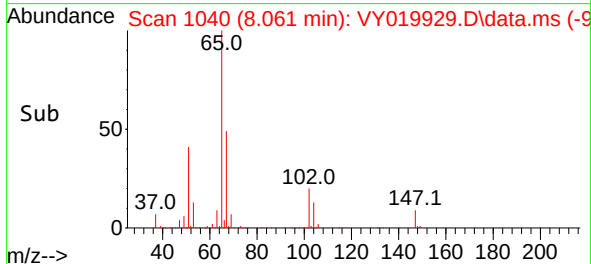
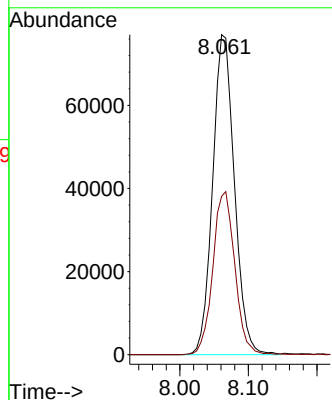
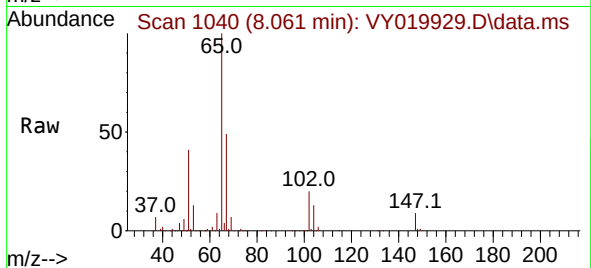
ClientSampleId :

Tgt Ion: 65 Resp: 170062

Ion Ratio Lower Upper

65 100

67 51.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.001 min

Lab File: VY019929.D

Acq: 17 Oct 2024 14:04

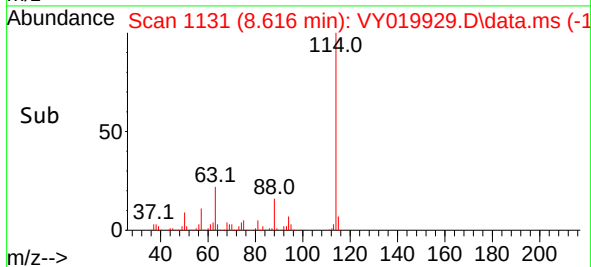
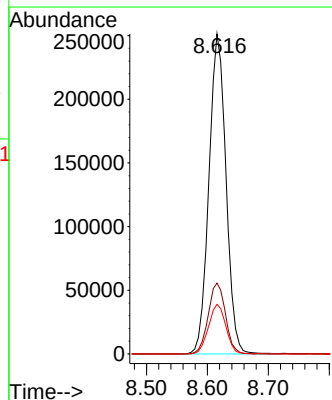
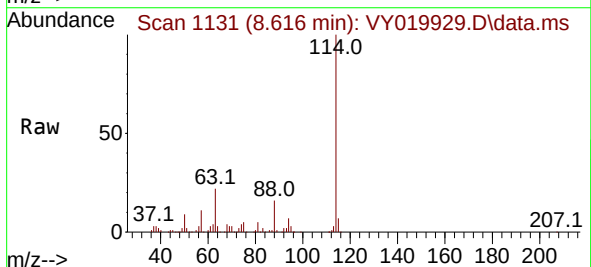
Tgt Ion: 114 Resp: 489598

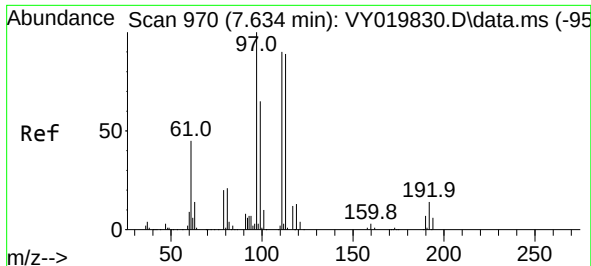
Ion Ratio Lower Upper

114 100

63 22.2 0.0 35.0

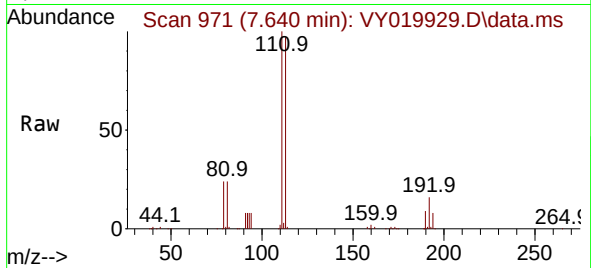
88 15.5 0.0 27.2



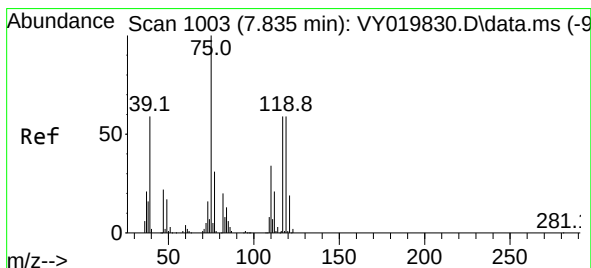
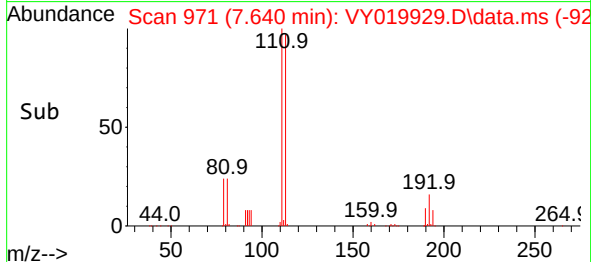
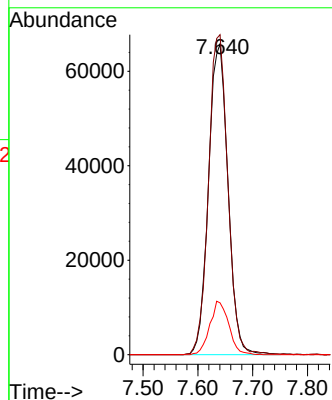


#35
Dibromofluoromethane
Concen: 50.151 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY019929.D
Acq: 17 Oct 2024 14:04

Instrument :
MSVOA_Y
ClientSampleId :

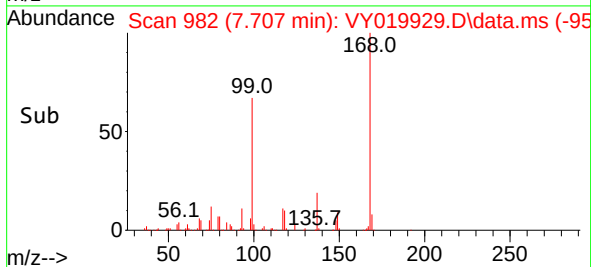
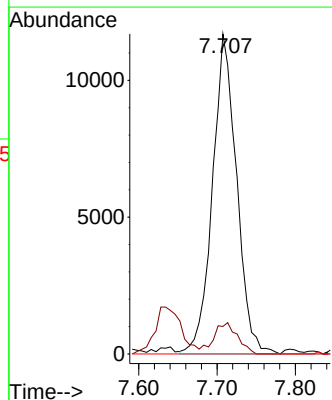
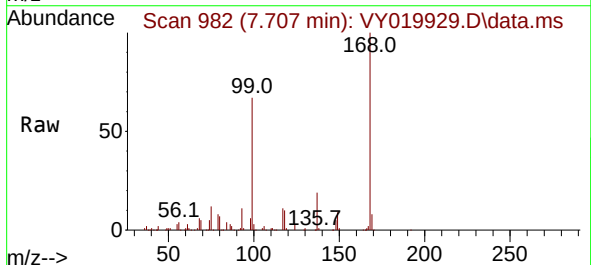


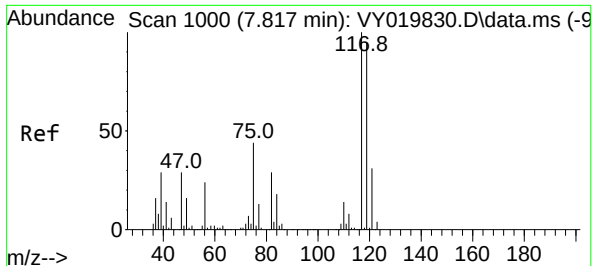
Tgt Ion:113 Resp: 162027
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 16.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.374 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019929.D
Acq: 17 Oct 2024 14:04

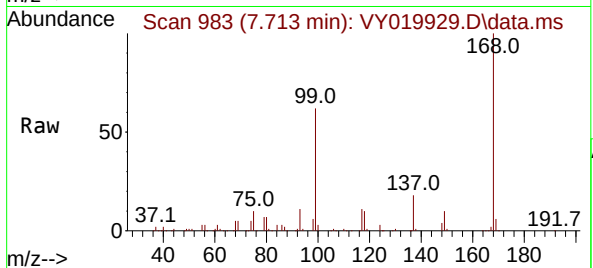
Tgt Ion: 75 Resp: 25013
Ion Ratio Lower Upper
75 100
110 9.6 19.0 57.0#
77 0.0 25.3 37.9#



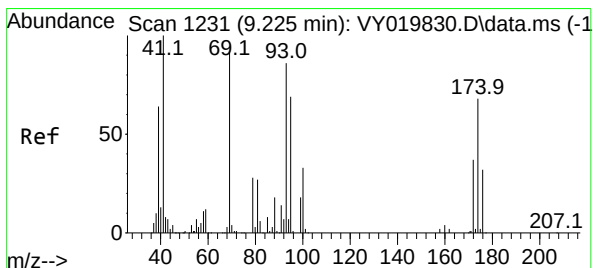
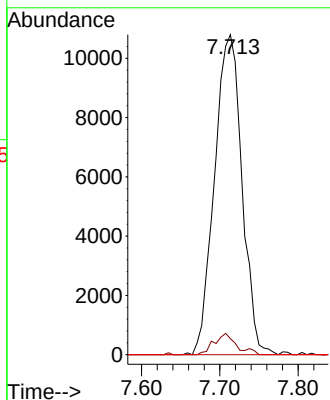
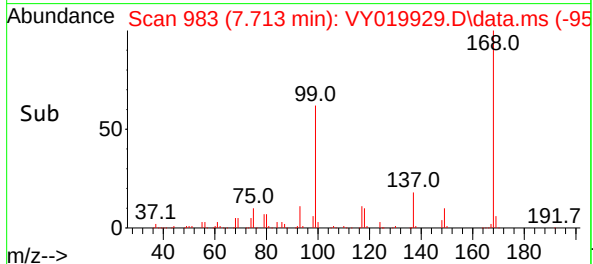


#38
Carbon Tetrachloride
Concen: 5.278 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019929.D
Acq: 17 Oct 2024 14:04

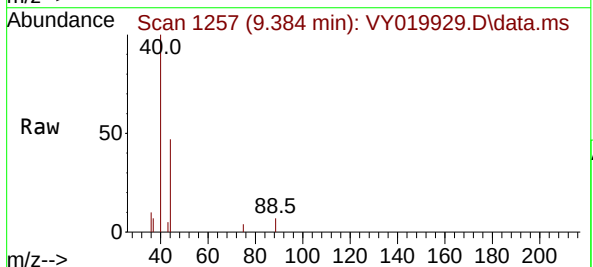
Instrument :
MSVOA_Y
ClientSampleId :



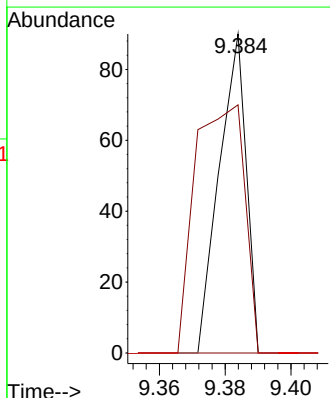
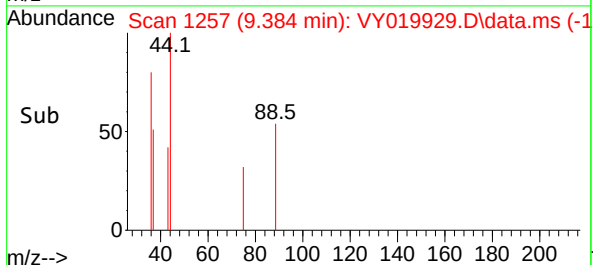
Tgt Ion:117 Resp: 26334
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.0 36.0#

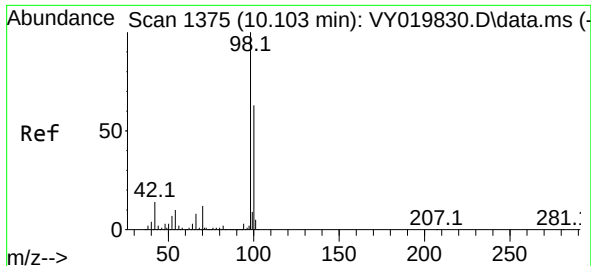


#49
1,4-Dioxane
Concen: 2.365 ug/l
RT: 9.384 min Scan# 1257
Delta R.T. 0.153 min
Lab File: VY019929.D
Acq: 17 Oct 2024 14:04



Tgt Ion: 88 Resp: 51
Ion Ratio Lower Upper
88 100
43 143.1 0.0 0.0#
58 0.0 49.3 73.9#

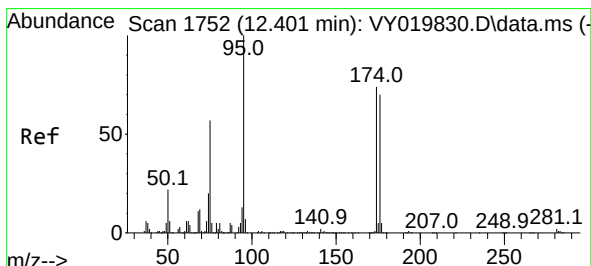
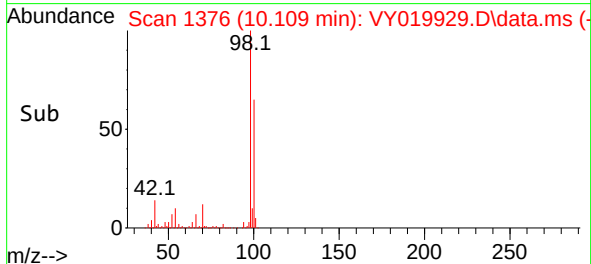
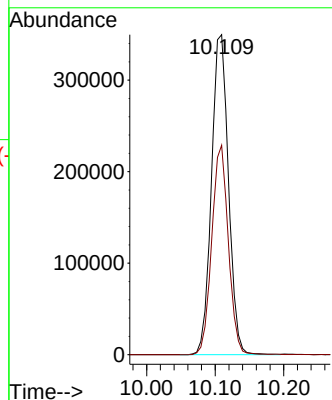
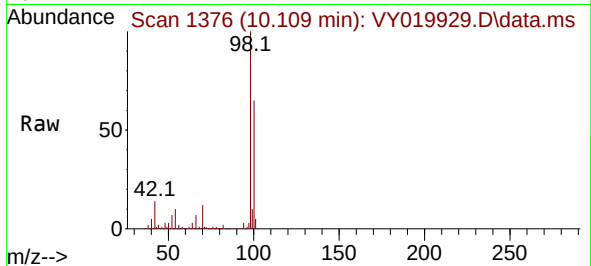




#50
Toluene-d8
Concen: 50.550 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY019929.D
Acq: 17 Oct 2024 14:04

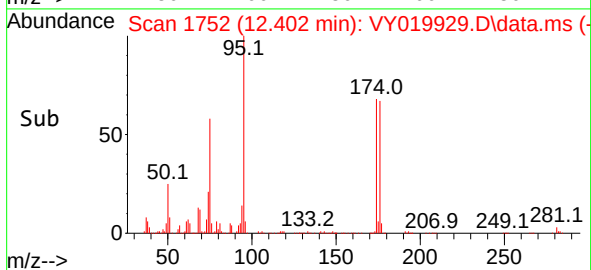
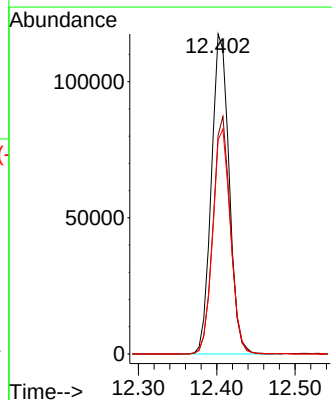
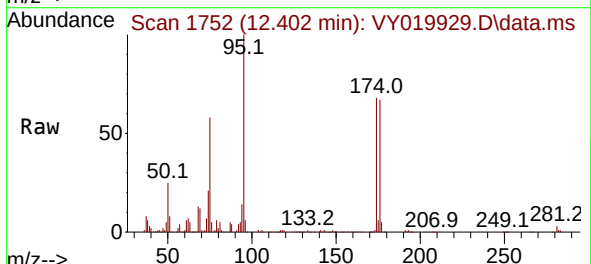
Instrument :
MSVOA_Y
ClientSampleId :

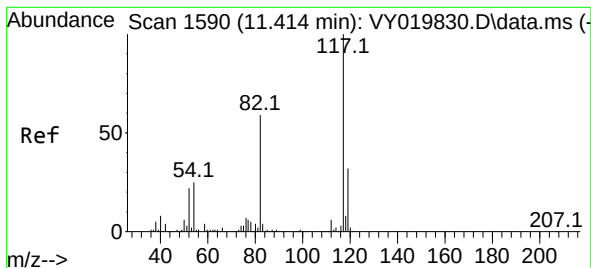
Tgt Ion: 98 Resp: 603107
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.887 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019929.D
Acq: 17 Oct 2024 14:04

Tgt Ion: 95 Resp: 184887
Ion Ratio Lower Upper
95 100
174 72.6 0.0 175.6
176 70.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019929.D

Acq: 17 Oct 2024 14:04

Instrument :

MSVOA_Y

ClientSampleId :

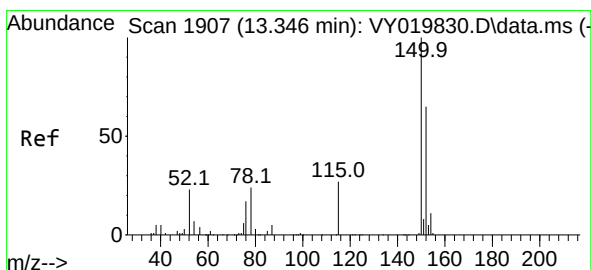
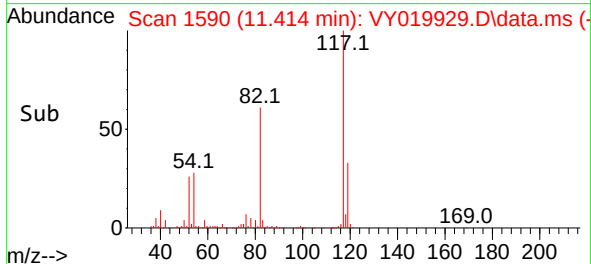
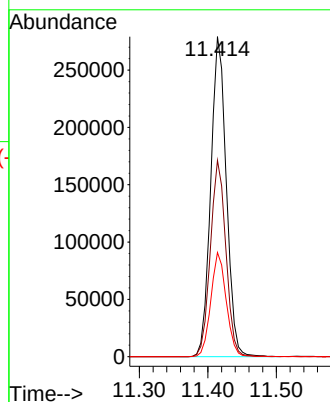
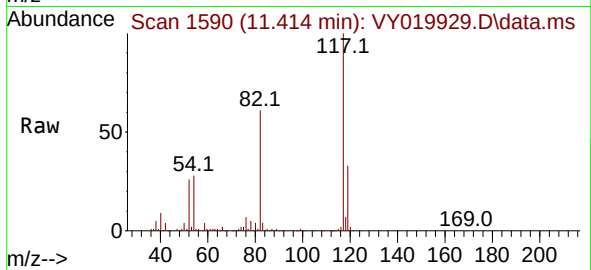
Tgt Ion:117 Resp: 440976

Ion Ratio Lower Upper

117 100

82 61.3 42.4 63.6

119 32.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019929.D

Acq: 17 Oct 2024 14:04

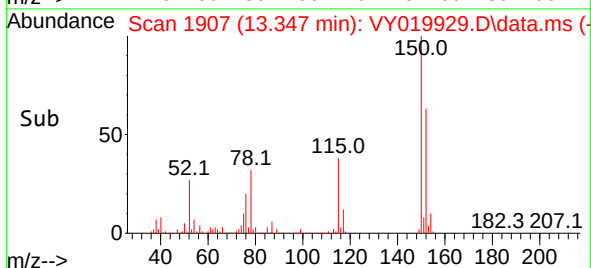
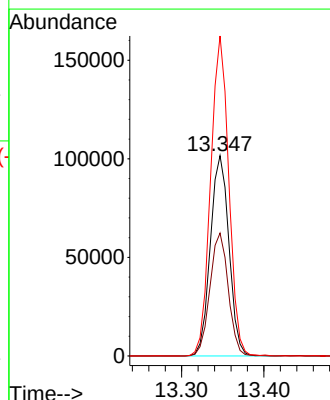
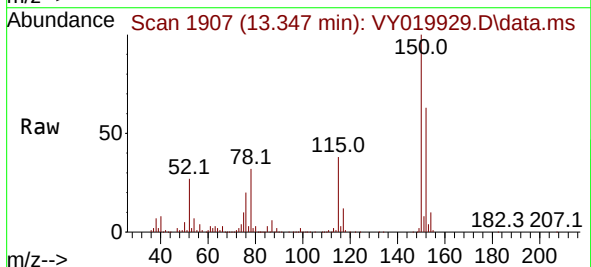
Tgt Ion:152 Resp: 159530

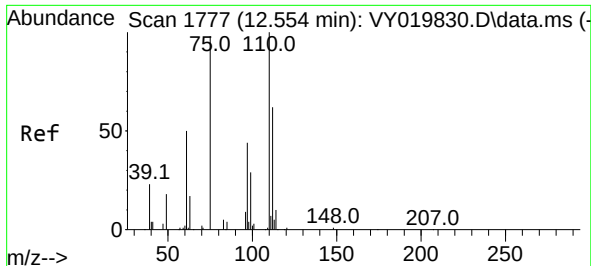
Ion Ratio Lower Upper

152 100

115 60.7 28.2 84.7

150 155.6 0.0 345.6

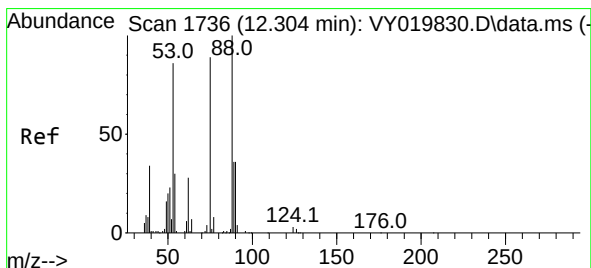
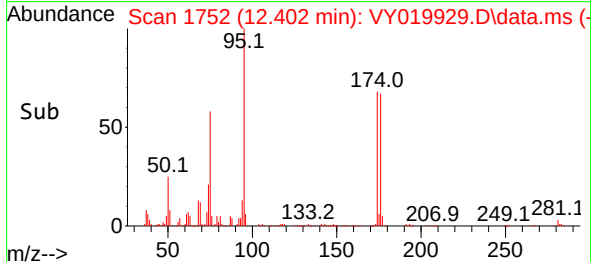
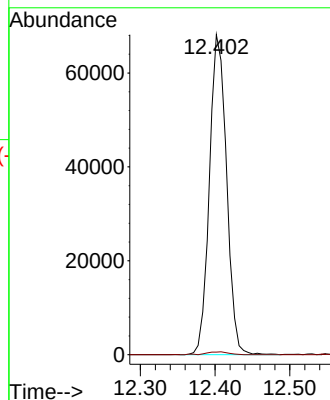
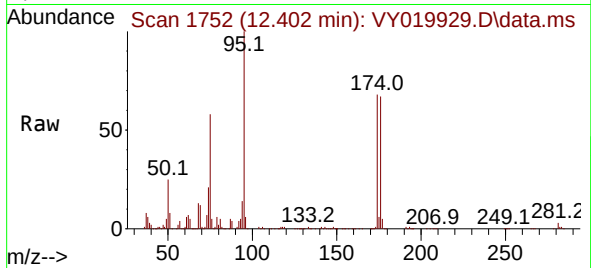




#76
1,2,3-Trichloropropane
Concen: 34.803 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019929.D
Acq: 17 Oct 2024 14:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 108764
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.476 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019929.D
Acq: 17 Oct 2024 14:04

Tgt Ion: 75 Resp: 108764
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

