

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010430.D
 Acq On : 09 Sep 2022 20:05
 Operator : KP/MD
 Sample : N4530-05
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-19-6.5-7.0

Quant Time: Sep 10 00:00:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

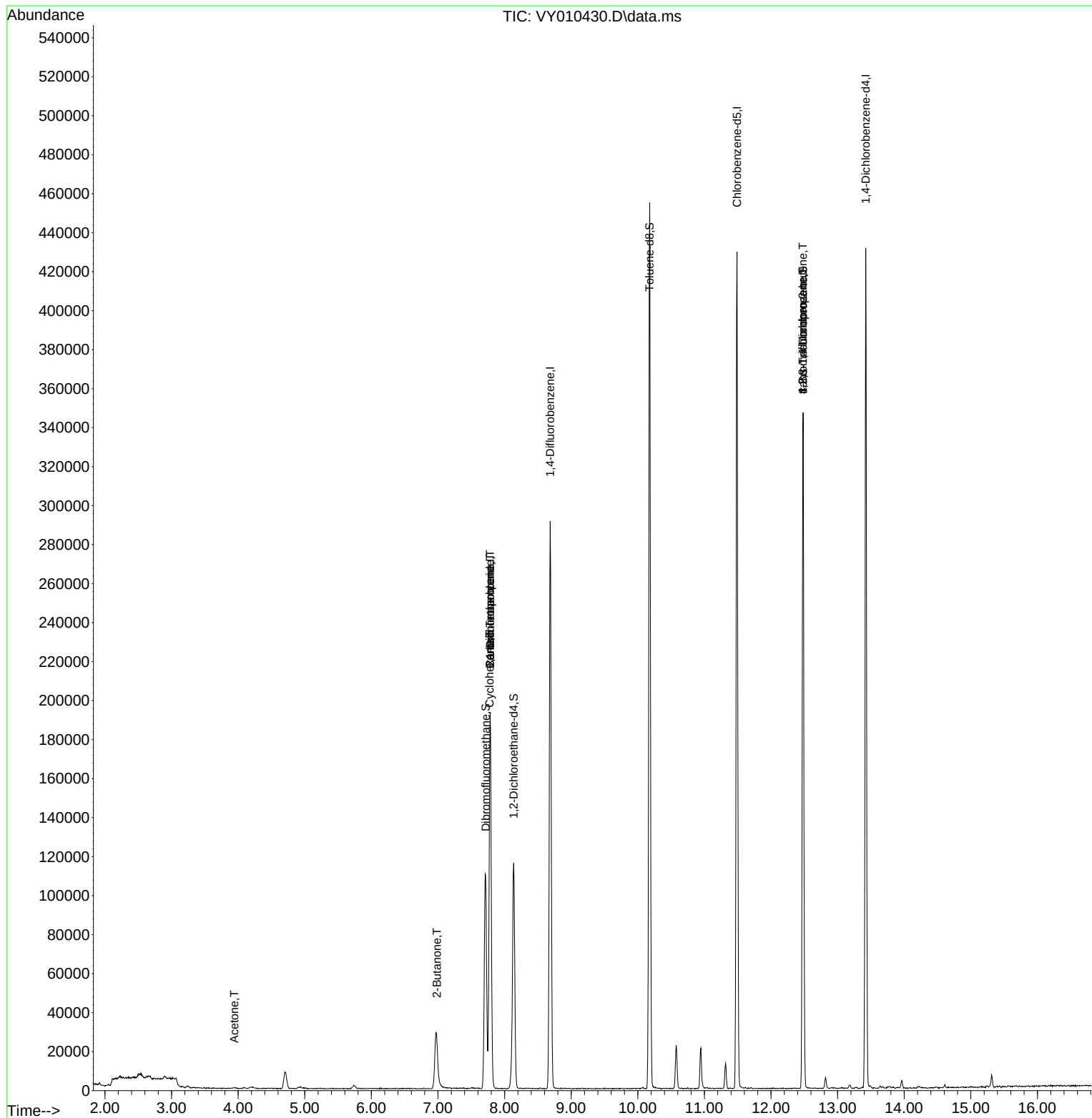
Internal Standards						
1) Pentafluorobenzene	7.783	168	153186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	256810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	241516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	111088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	88288	57.225	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.440%
35) Dibromofluoromethane	7.716	113	80402	44.083	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.160%
50) Toluene-d8	10.179	98	301980	51.087	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.180%
62) 4-Bromofluorobenzene	12.477	95	102151	42.699	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.400%
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	100	Below Cal	#	43
11) Tert butyl alcohol	4.954	59	1305	Below Cal	#	77
16) Acetone	3.942	43	861	2.432	ug/l #	38
20) Methylene Chloride	4.704	84	6585	Below Cal	#	82
25) 2-Butanone	6.984	43	1616	2.872	ug/l	99
31) Cyclohexane	7.777	56	3047	1.169	ug/l #	6
36) 1,1-Dichloropropene	7.783	75	11237	4.500	ug/l #	51
38) Carbon Tetrachloride	7.783	117	14361	5.170	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	51283	41.828	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	51283	92.873	ug/l #	7

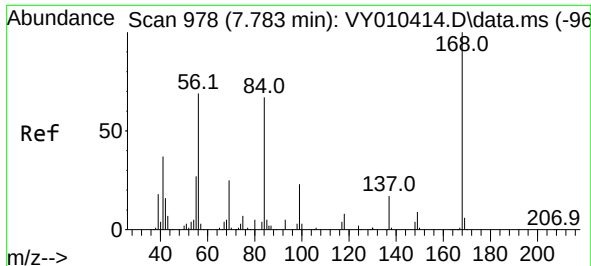
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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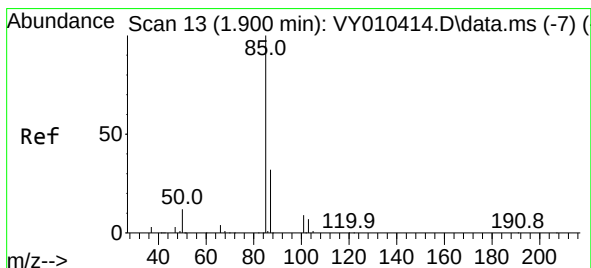
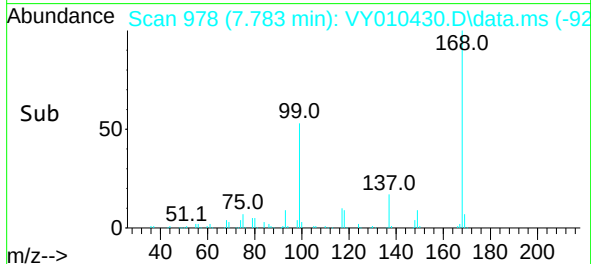
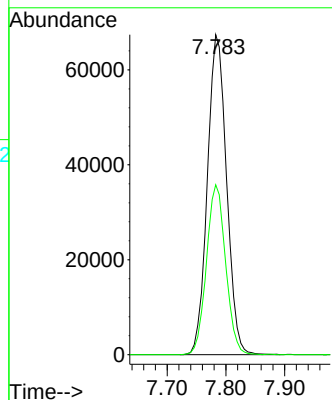
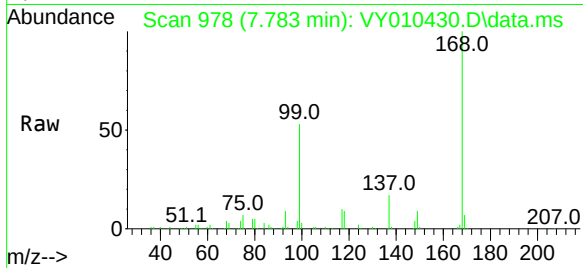




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010430.D
Acq: 09 Sep 2022 20:05

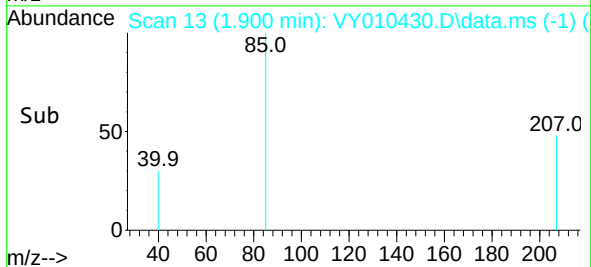
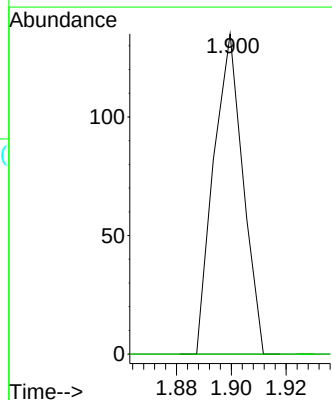
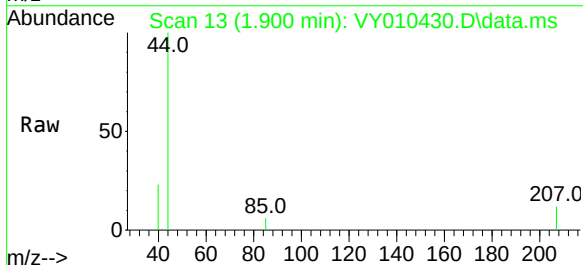
Instrument :
MSVOA_Y
ClientSampleId :
SB-19-6.5-7.0

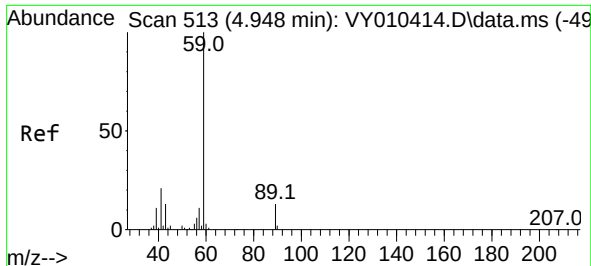
Tgt Ion:168 Resp: 153186
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010430.D
Acq: 09 Sep 2022 20:05

Tgt Ion: 85 Resp: 100
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY010430.D

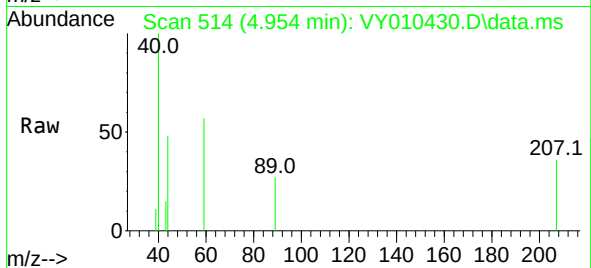
Acq: 09 Sep 2022 20:05

Instrument :

MSVOA_Y

ClientSampleId :

SB-19-6.5-7.0

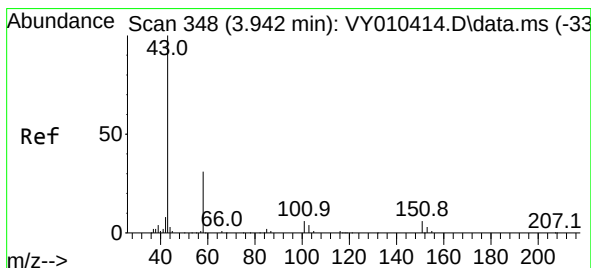
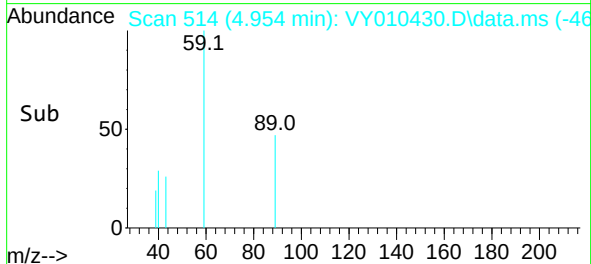
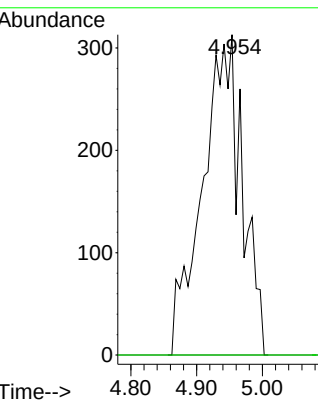


Tgt Ion: 59 Resp: 1305

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 2.432 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.000 min

Lab File: VY010430.D

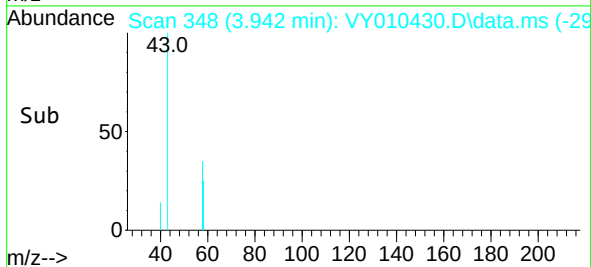
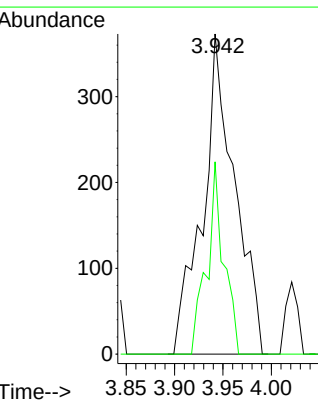
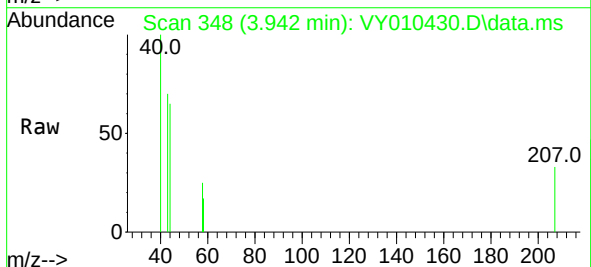
Acq: 09 Sep 2022 20:05

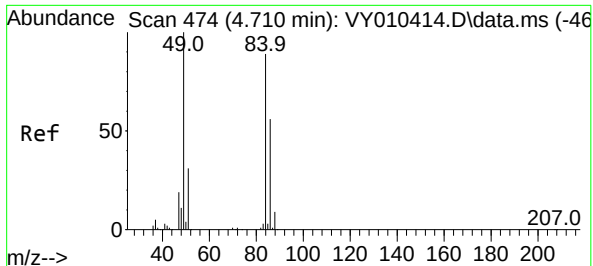
Tgt Ion: 43 Resp: 861

Ion Ratio Lower Upper

43 100

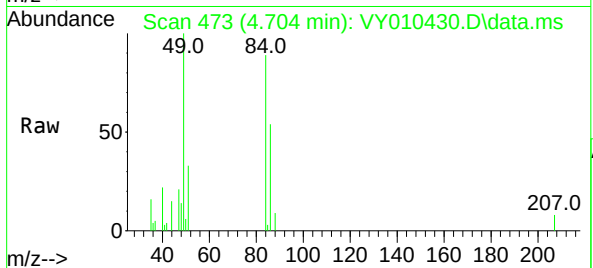
58 60.1 22.0 33.0#





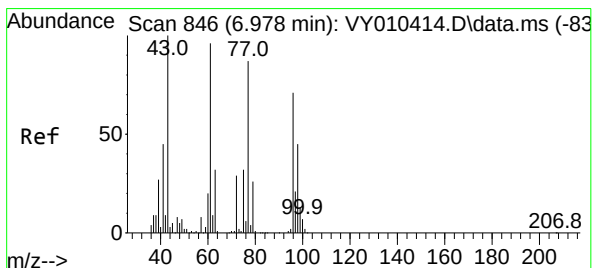
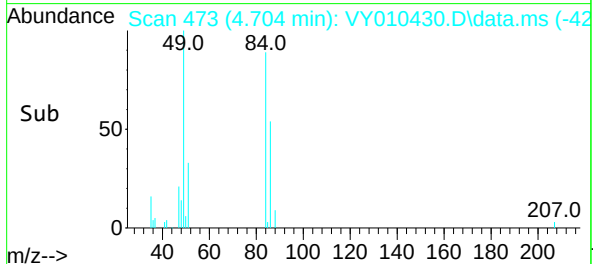
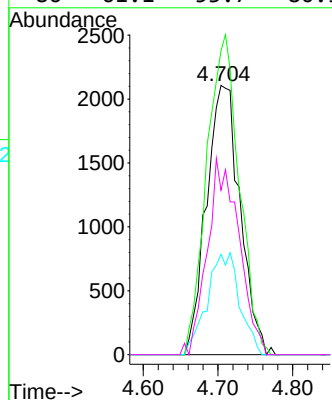
#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010430.D
Acq: 09 Sep 2022 20:05

Instrument :
MSVOA_Y
ClientSampleId :
SB-19-6.5-7.0



Tgt Ion: 84 Resp: 6585

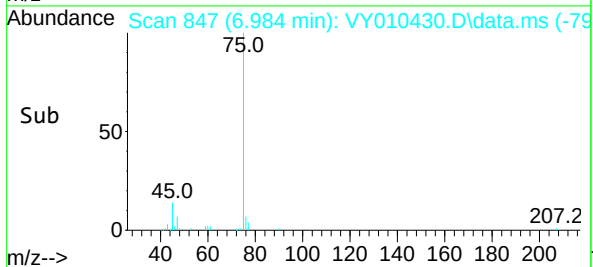
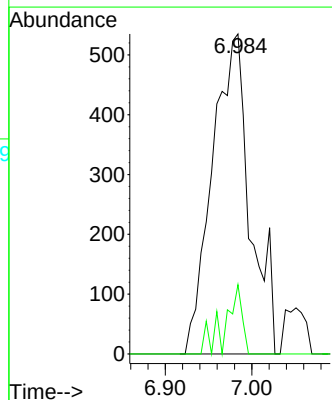
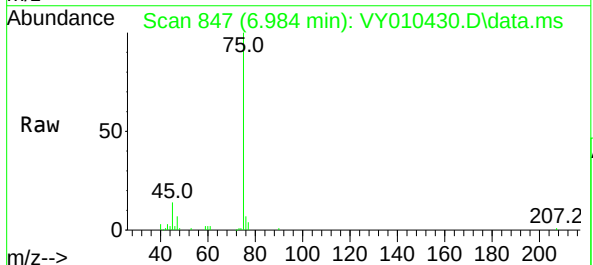
Ion	Ratio	Lower	Upper
84	100		
49	112.9	114.4	171.6#
51	37.3	35.3	52.9
86	61.1	53.7	80.5

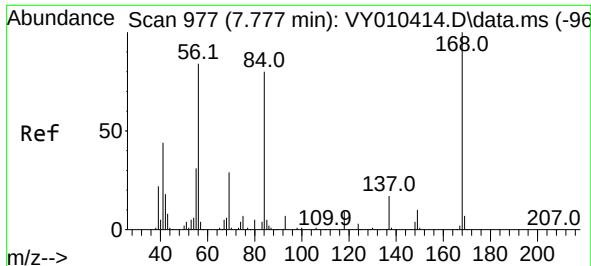


#25
2-Butanone
Concen: 2.872 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY010430.D
Acq: 09 Sep 2022 20:05

Tgt Ion: 43 Resp: 1616

Ion	Ratio	Lower	Upper
43	100		
72	21.7	17.7	26.5

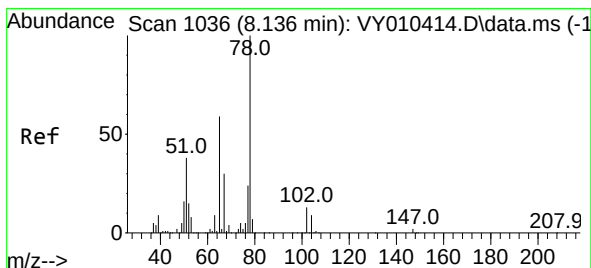
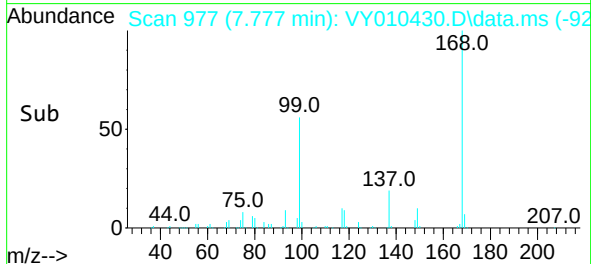
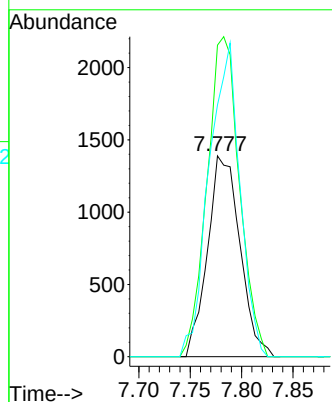
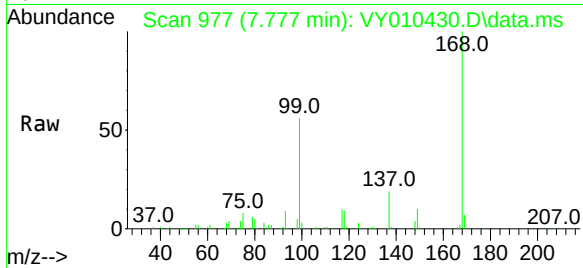




#31
Cyclohexane
Concen: 1.169 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010430.D
Acq: 09 Sep 2022 20:05

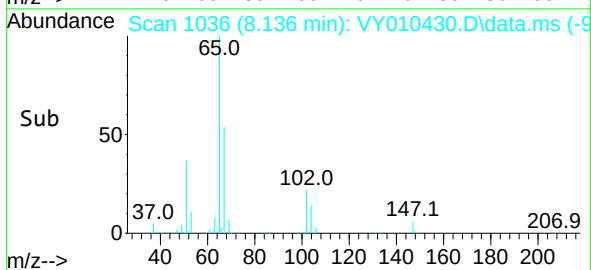
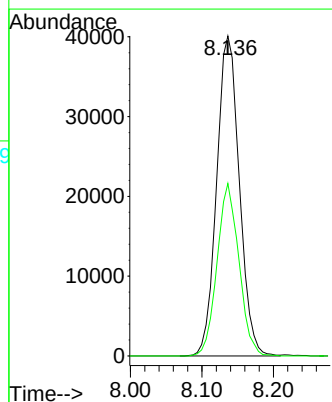
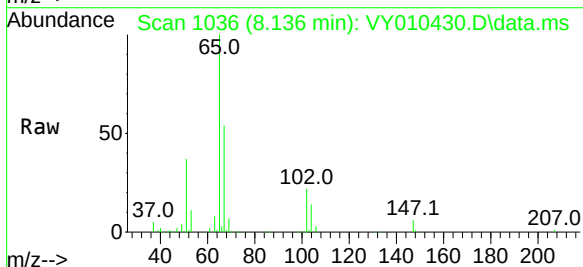
Instrument :
MSVOA_Y
ClientSampleId :
SB-19-6.5-7.0

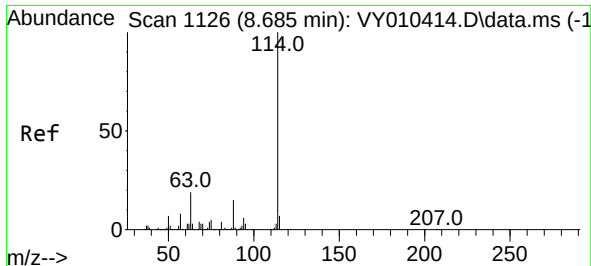
Tgt Ion: 56 Resp: 3047
Ion Ratio Lower Upper
56 100
69 155.1 26.7 40.1#
84 125.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.225 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010430.D
Acq: 09 Sep 2022 20:05

Tgt Ion: 65 Resp: 88288
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010430.D

Acq: 09 Sep 2022 20:05

Instrument :

MSVOA_Y

ClientSampleId :

SB-19-6.5-7.0

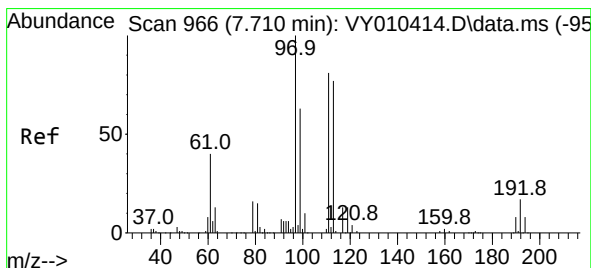
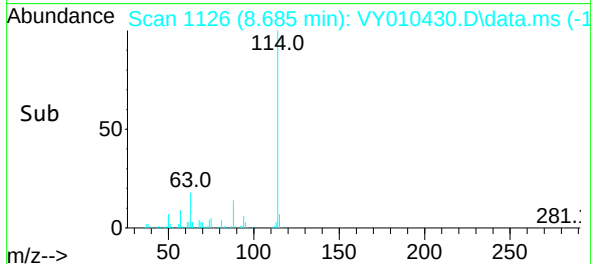
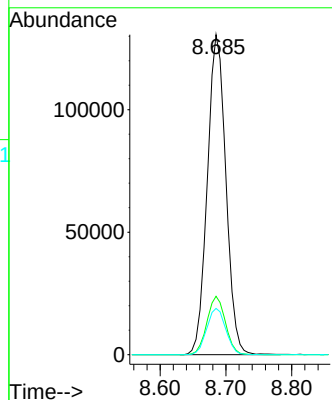
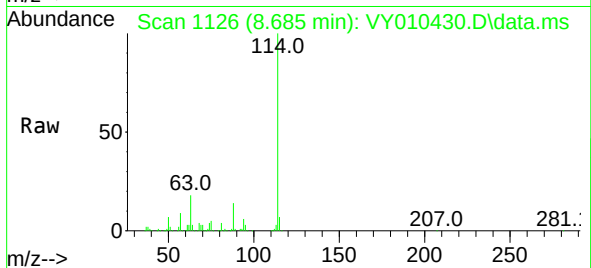
Tgt Ion:114 Resp: 256810

Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.083 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010430.D

Acq: 09 Sep 2022 20:05

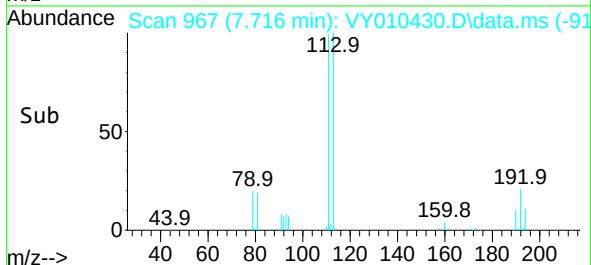
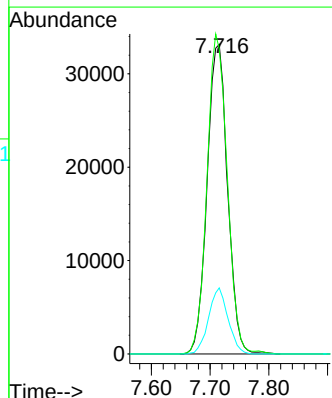
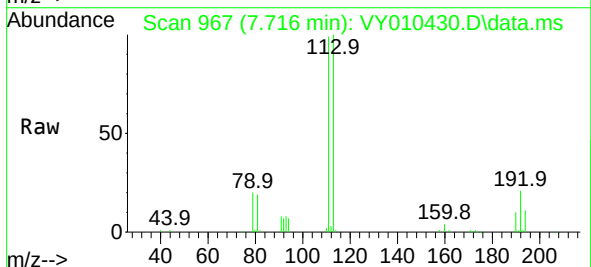
Tgt Ion:113 Resp: 80402

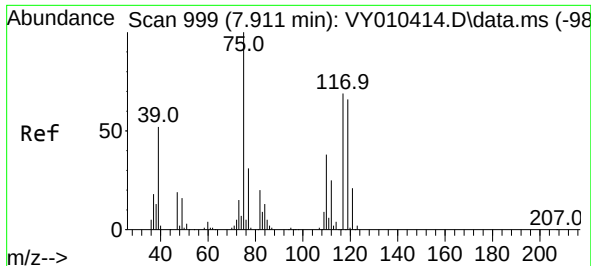
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 20.3 17.6 26.4

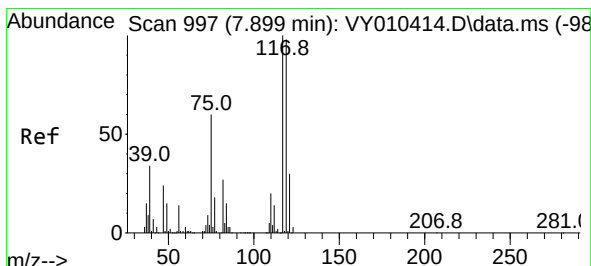
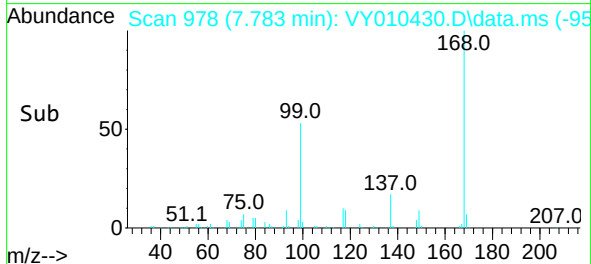
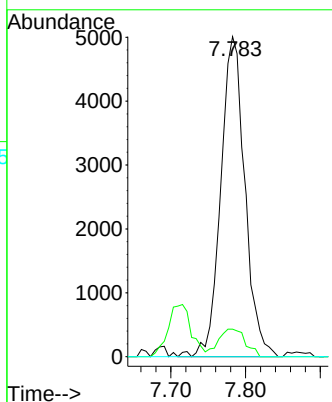
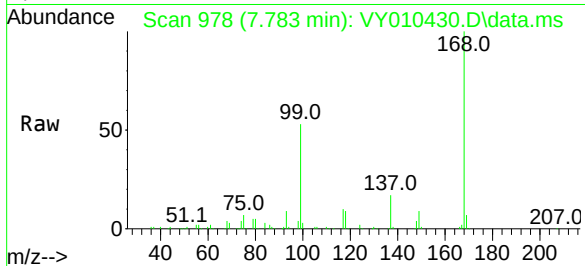




#36
 1,1-Dichloropropene
 Concen: 4.500 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY010430.D
 Acq: 09 Sep 2022 20:05

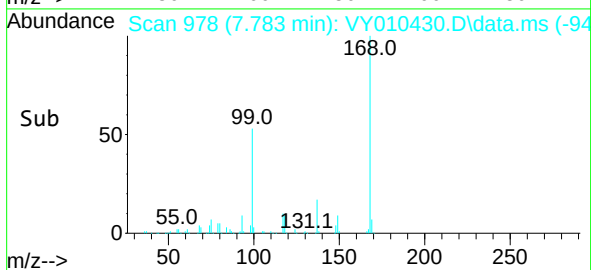
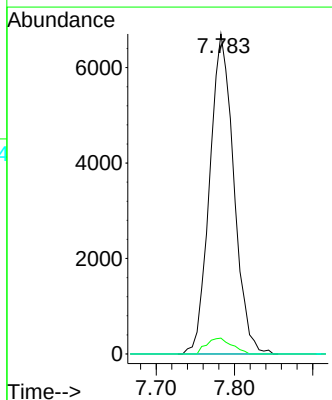
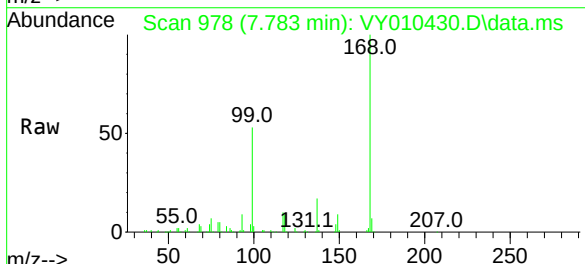
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-19-6.5-7.0

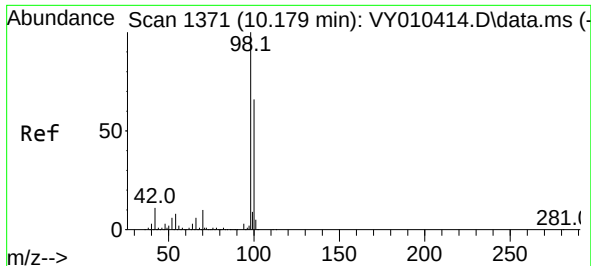
Tgt Ion: 75 Resp: 11237
 Ion Ratio Lower Upper
 75 100
 110 9.7 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.170 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.116 min
 Lab File: VY010430.D
 Acq: 09 Sep 2022 20:05

Tgt Ion: 117 Resp: 14361
 Ion Ratio Lower Upper
 117 100
 119 4.9 77.9 116.9#
 121 0.0 24.8 37.2#

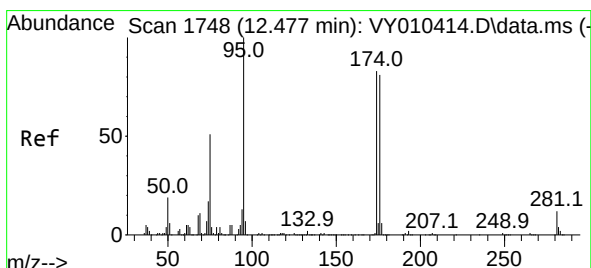
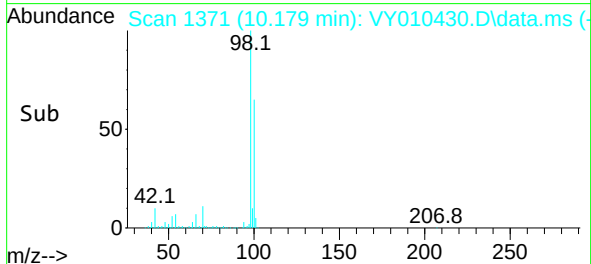
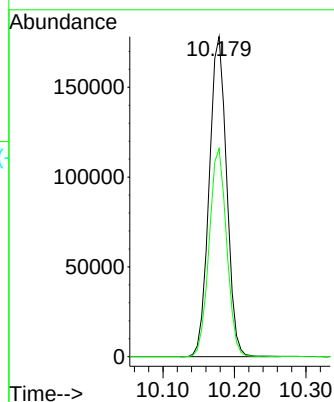
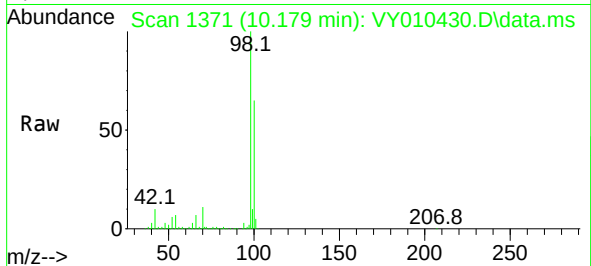




#50
Toluene-d8
Concen: 51.087 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010430.D
Acq: 09 Sep 2022 20:05

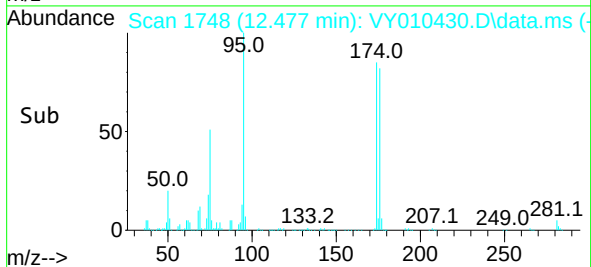
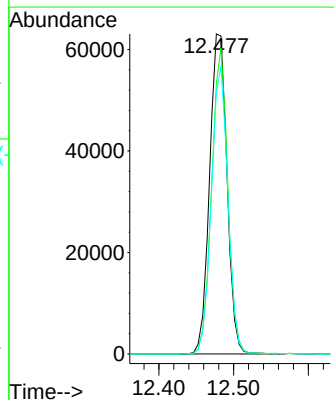
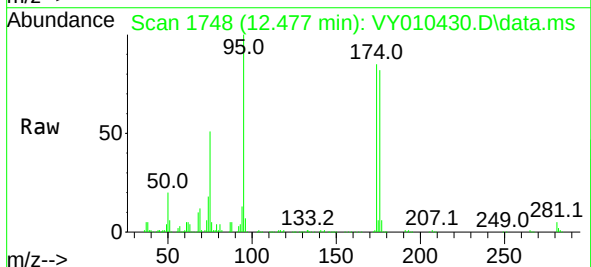
Instrument :
MSVOA_Y
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SB-19-6.5-7.0

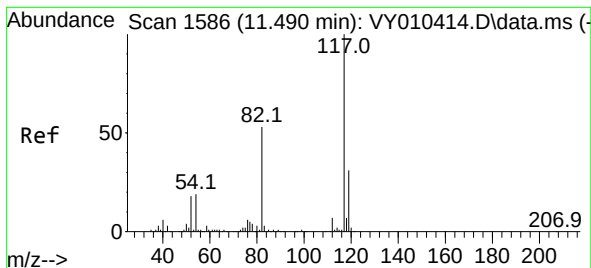
Tgt Ion: 98 Resp: 301980
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.699 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010430.D
Acq: 09 Sep 2022 20:05

Tgt Ion: 95 Resp: 102151
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.0
176 85.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010430.D

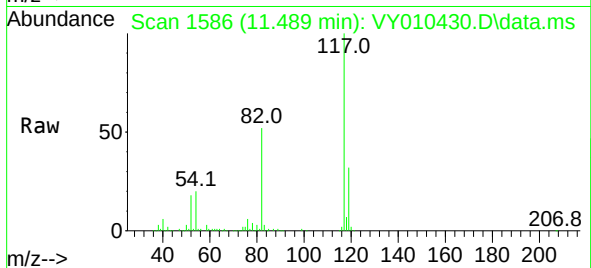
Acq: 09 Sep 2022 20:05

Instrument :

MSVOA_Y

ClientSampleId :

SB-19-6.5-7.0



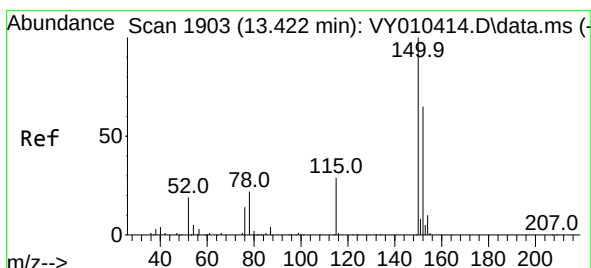
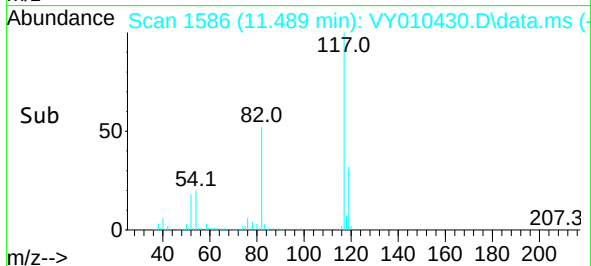
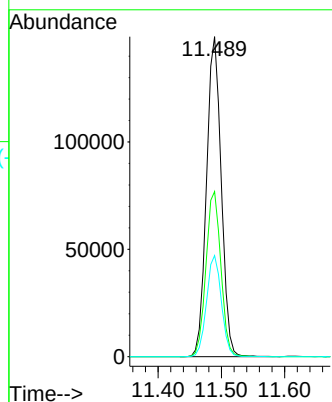
Tgt Ion:117 Resp: 241516

Ion Ratio Lower Upper

117 100

82 51.6 43.0 64.4

119 31.6 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY010430.D

Acq: 09 Sep 2022 20:05

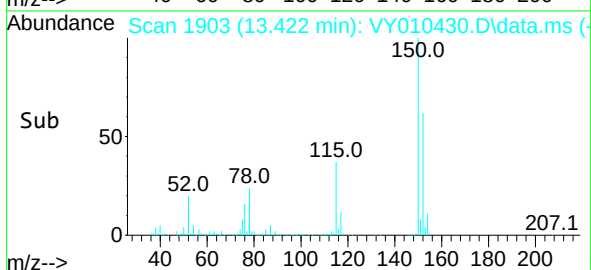
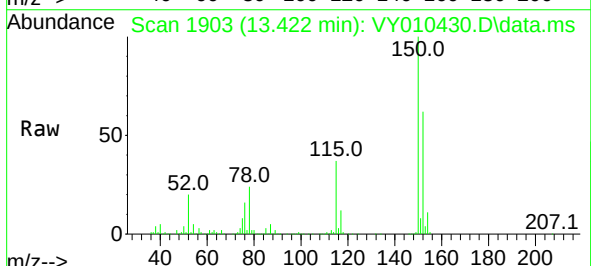
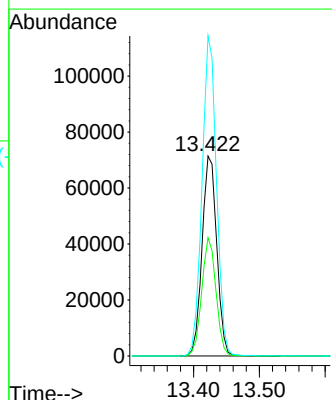
Tgt Ion:152 Resp: 111088

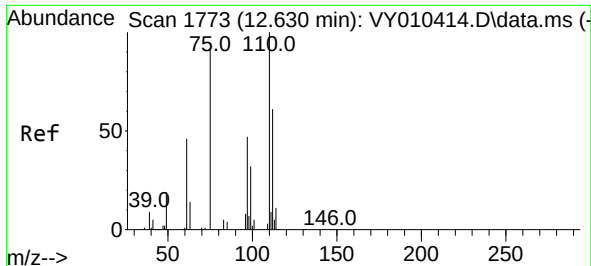
Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 157.0 0.0 347.6

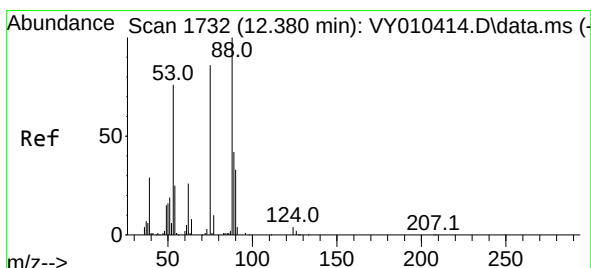
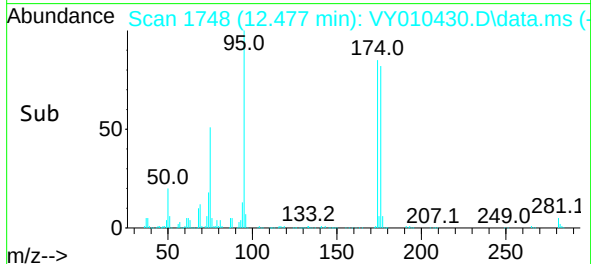
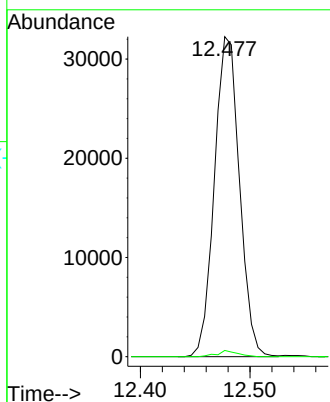
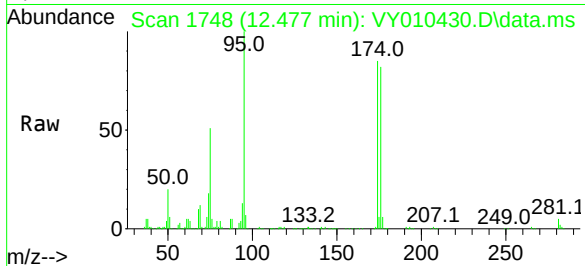




#76
1,2,3-Trichloropropane
Concen: 41.828 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010430.D
Acq: 09 Sep 2022 20:05

Instrument :
MSVOA_Y
ClientSampleId :
SB-19-6.5-7.0

Tgt Ion: 75 Resp: 51283
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.873 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY010430.D
Acq: 09 Sep 2022 20:05

Tgt Ion: 75 Resp: 51283
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

