

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010429.D
 Acq On : 09 Sep 2022 19:42
 Operator : KP/MD
 Sample : N4530-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-18-7.5-8.0

Quant Time: Sep 10 00:00:33 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)

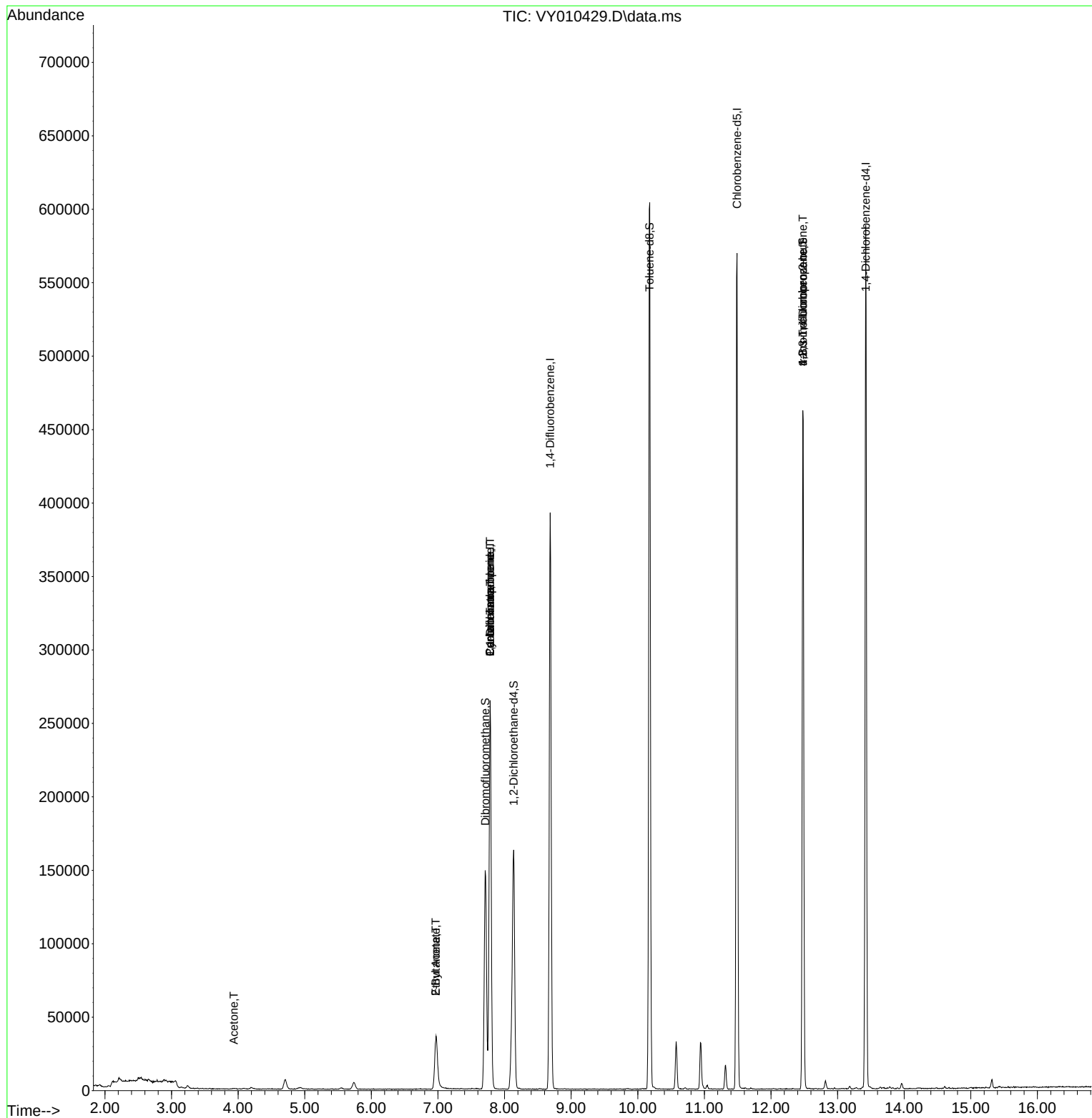
Internal Standards						
1) Pentafluorobenzene	7.783	168	210381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	349670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	325402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	152747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	113600	53.613	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.220%	
35) Dibromofluoromethane	7.710	113	105730	42.575	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 85.160%	
50) Toluene-d8	10.179	98	409845	50.922	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.840%	
62) 4-Bromofluorobenzene	12.477	95	140885	43.342	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.680%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	528	Below Cal		95
11) Tert butyl alcohol	4.936	59	1820	Below Cal	#	77
16) Acetone	3.936	43	770	1.584	ug/l #	88
20) Methylene Chloride	4.710	84	4852	Below Cal	#	75
25) 2-Butanone	6.966	43	2078	2.689	ug/l #	73
31) Cyclohexane	7.783	56	3925	1.096	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	15236	4.481	ug/l #	50
37) Ethyl Acetate	6.966	43	2078	1.163	ug/l #	1
38) Carbon Tetrachloride	7.783	117	20099	5.314	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	72467	42.986	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	72467	95.445	ug/l #	7

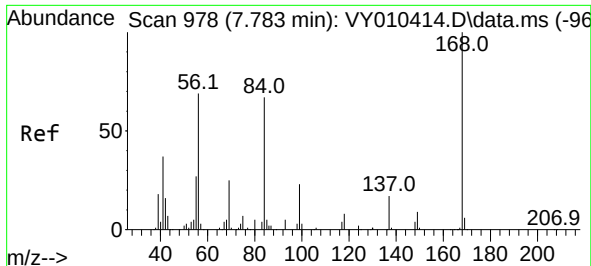
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
Data File : VY010429.D
Acq On : 09 Sep 2022 19:42
Operator : KP/MD
Sample : N4530-03
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-18-7.5-8.0

Quant Time: Sep 10 00:00:33 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

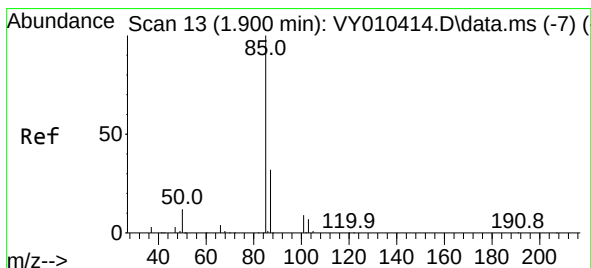
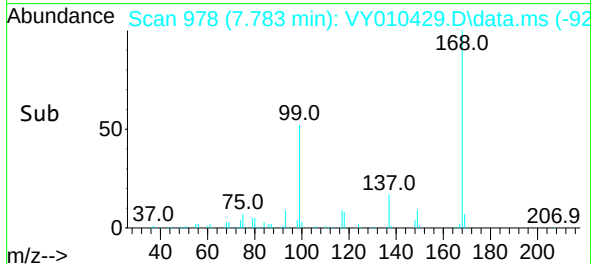
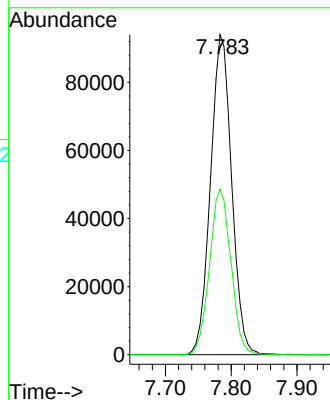
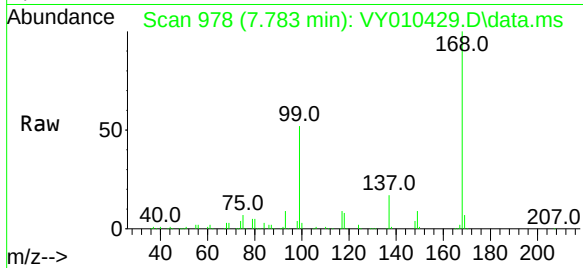




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010429.D
Acq: 09 Sep 2022 19:42

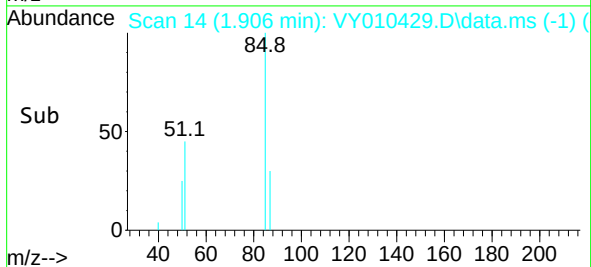
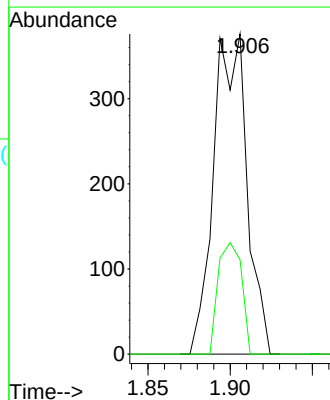
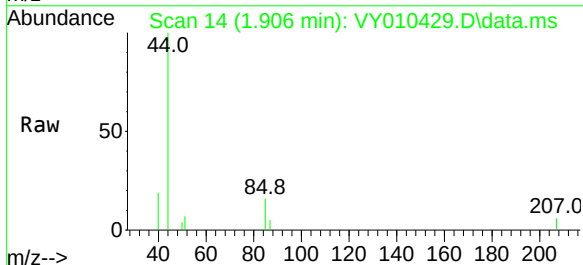
Instrument :
MSVOA_Y
ClientSampleId :
SB-18-7.5-8.0

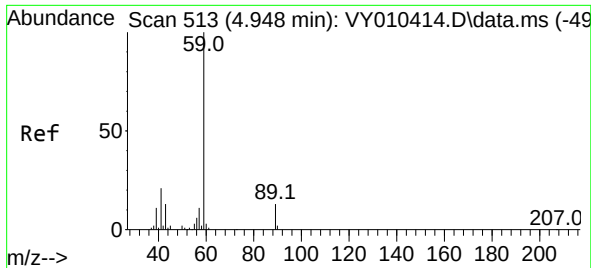
Tgt Ion:168 Resp: 210381
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY010429.D
Acq: 09 Sep 2022 19:42

Tgt Ion: 85 Resp: 528
Ion Ratio Lower Upper
85 100
87 29.5 16.1 48.2

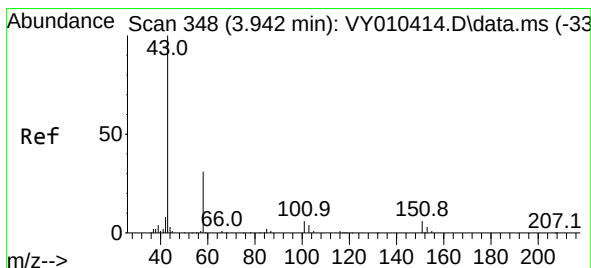
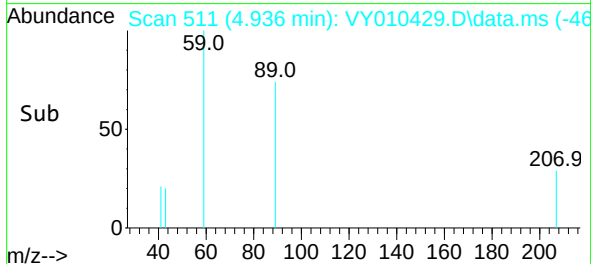
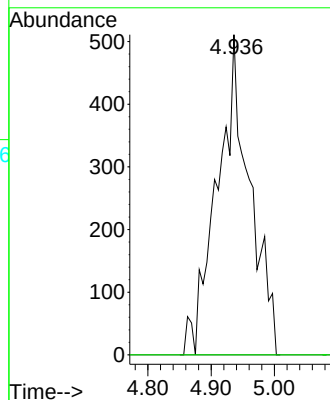
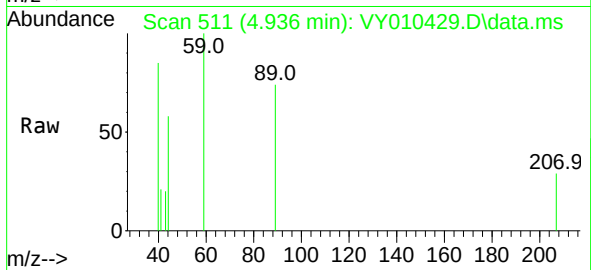




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY010429.D
Acq: 09 Sep 2022 19:42

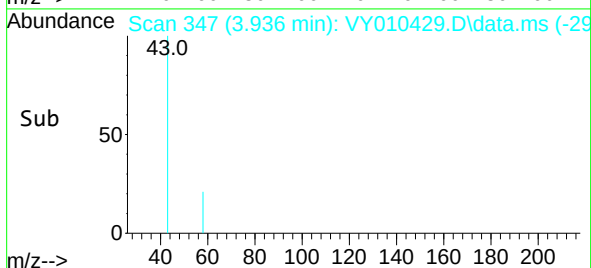
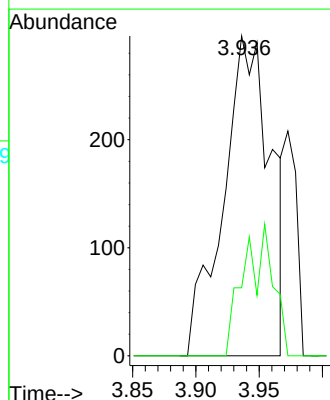
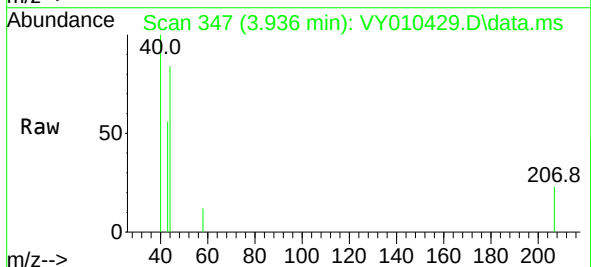
Instrument :
MSVOA_Y
ClientSampleId :
SB-18-7.5-8.0

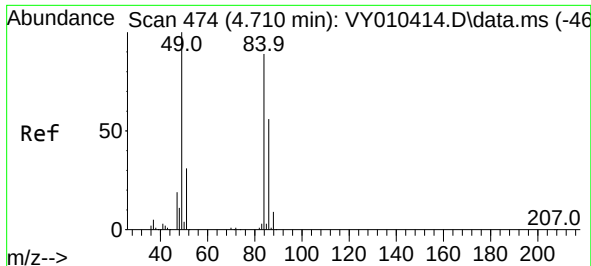
Tgt Ion: 59 Resp: 1820
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 1.584 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY010429.D
Acq: 09 Sep 2022 19:42

Tgt Ion: 43 Resp: 770
Ion Ratio Lower Upper
43 100
58 21.3 22.0 33.0#

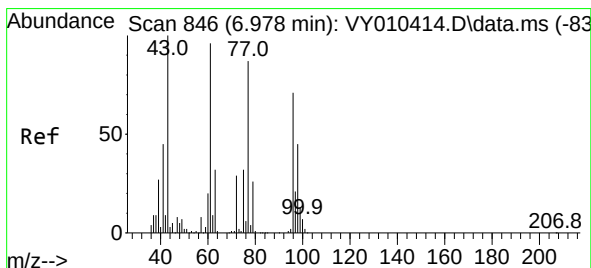
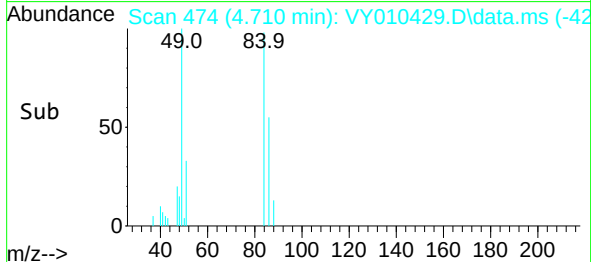
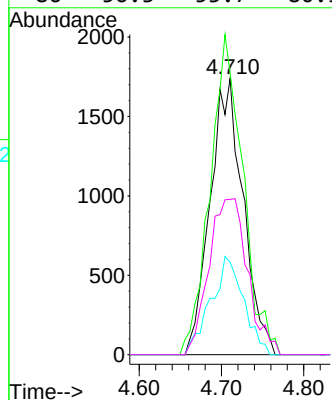
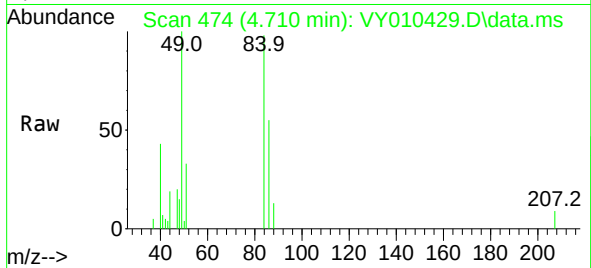




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010429.D
Acq: 09 Sep 2022 19:42

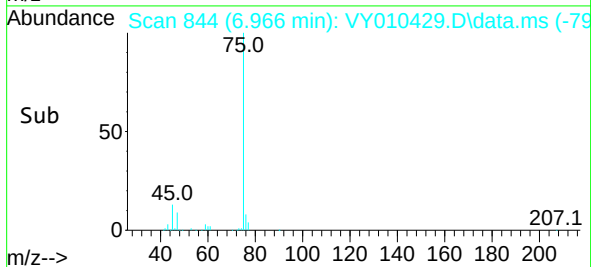
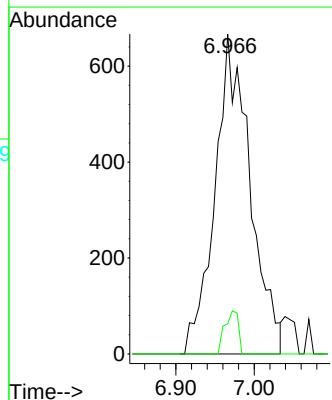
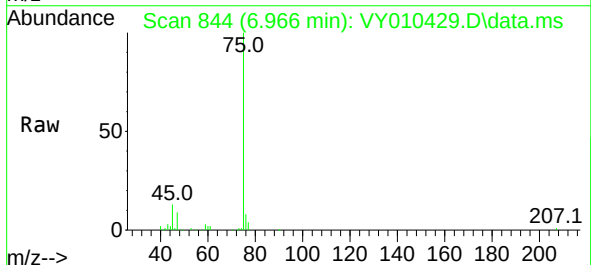
Instrument :
MSVOA_Y
ClientSampleId :
SB-18-7.5-8.0

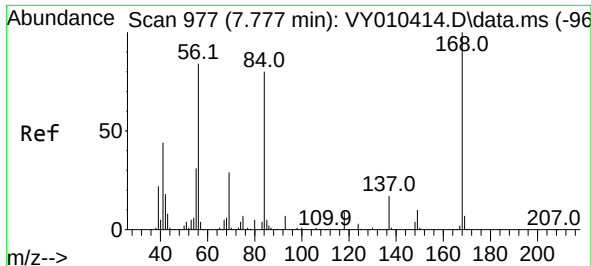
Tgt Ion: 84 Resp: 4852
Ion Ratio Lower Upper
84 100
49 101.9 114.4 171.6#
51 33.4 35.3 52.9#
86 56.3 53.7 80.5



#25
2-Butanone
Concen: 2.689 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY010429.D
Acq: 09 Sep 2022 19:42

Tgt Ion: 43 Resp: 2078
Ion Ratio Lower Upper
43 100
72 9.4 17.7 26.5#

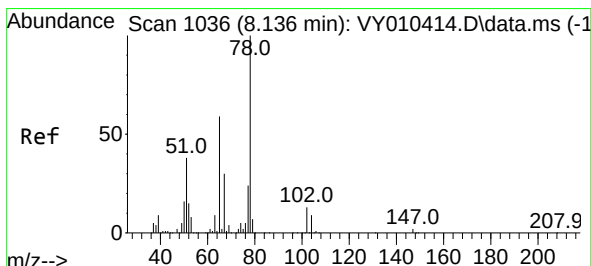
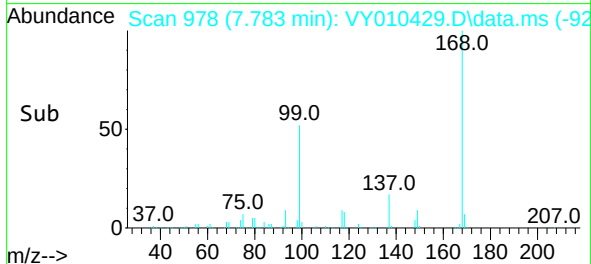
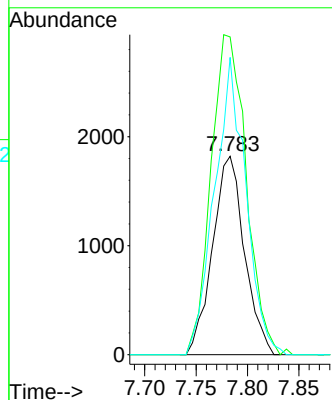
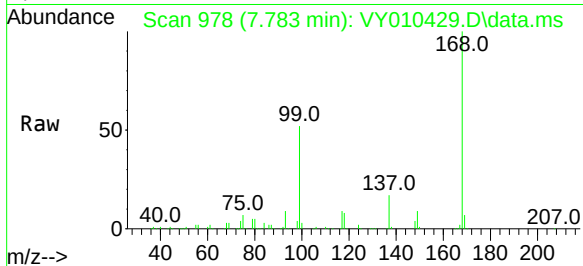




#31
Cyclohexane
Concen: 1.096 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010429.D
Acq: 09 Sep 2022 19:42

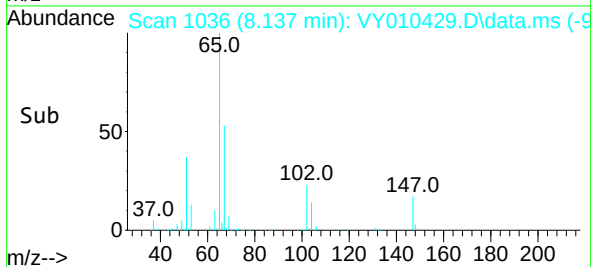
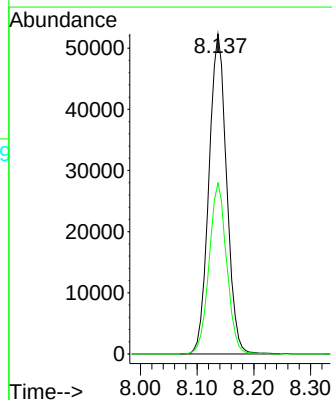
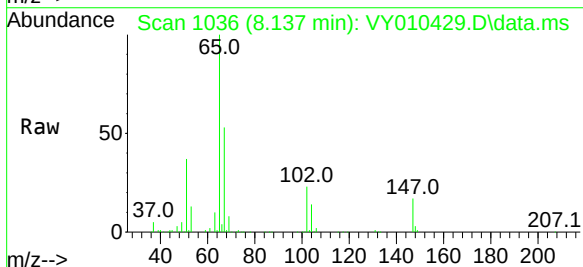
Instrument :
MSVOA_Y
ClientSampleId :
SB-18-7.5-8.0

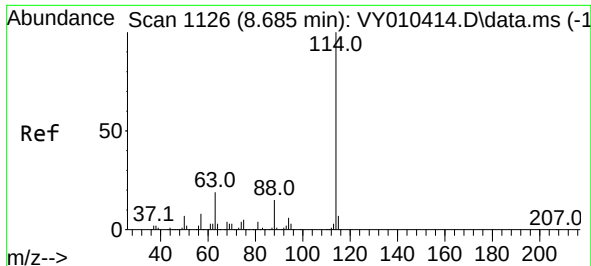
Tgt Ion: 56 Resp: 3925
Ion Ratio Lower Upper
56 100
69 160.2 26.7 40.1#
84 149.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 53.613 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010429.D
Acq: 09 Sep 2022 19:42

Tgt Ion: 65 Resp: 113600
Ion Ratio Lower Upper
65 100
67 52.8 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: VY010429.D

Acq: 09 Sep 2022 19:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-18-7.5-8.0

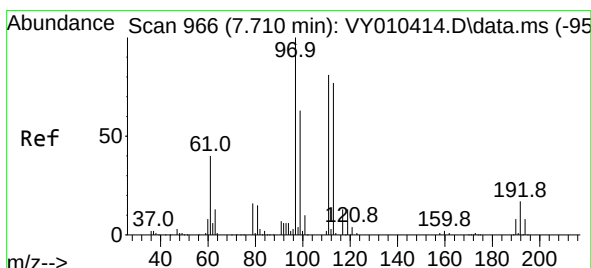
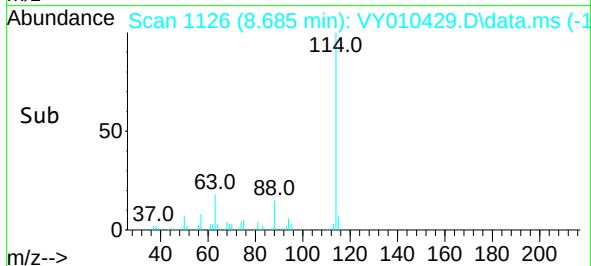
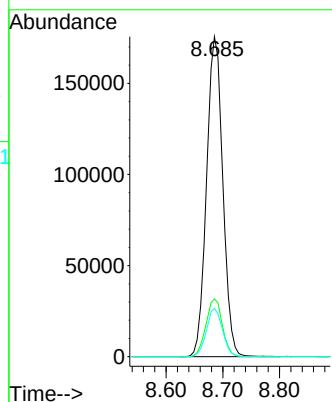
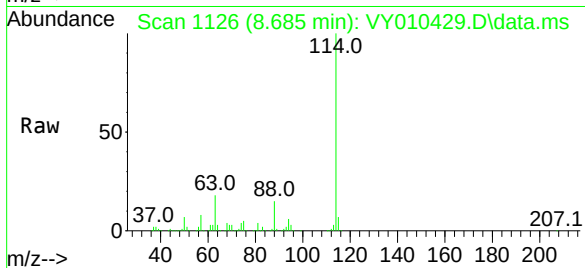
Tgt Ion:114 Resp: 349670

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.575 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010429.D

Acq: 09 Sep 2022 19:42

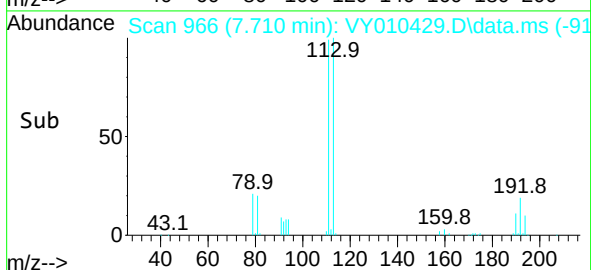
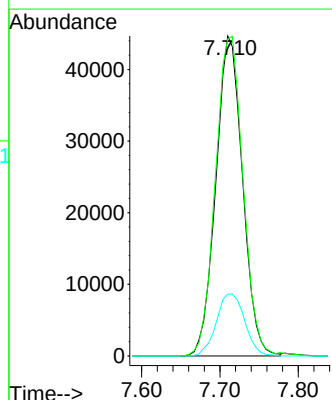
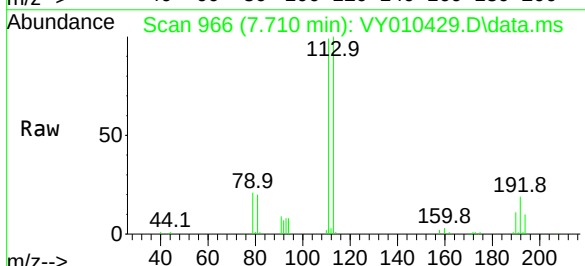
Tgt Ion:113 Resp: 105730

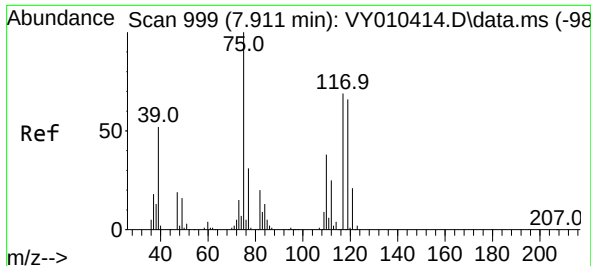
Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 20.7 17.6 26.4

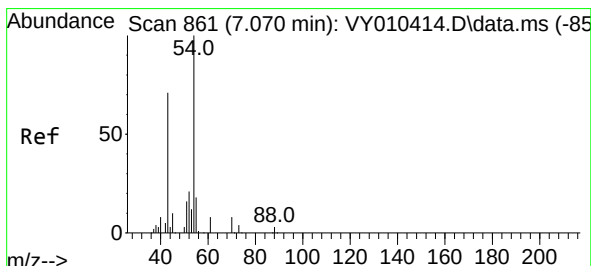
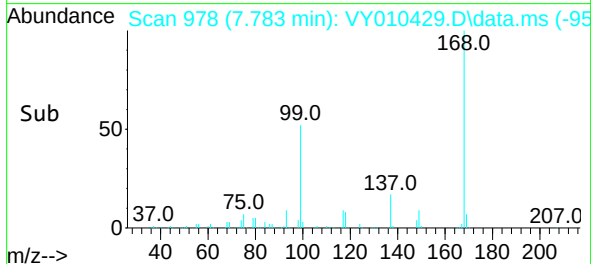
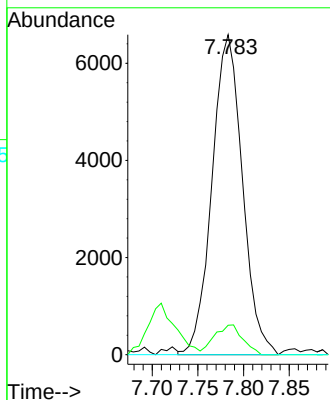
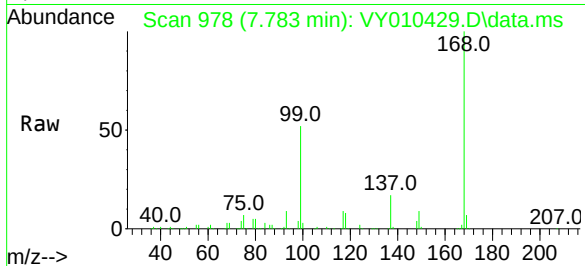




#36
1,1-Dichloropropene
Concen: 4.481 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010429.D
Acq: 09 Sep 2022 19:42

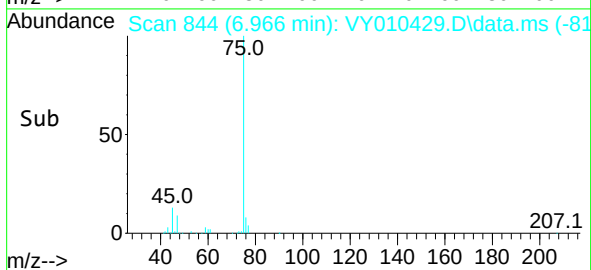
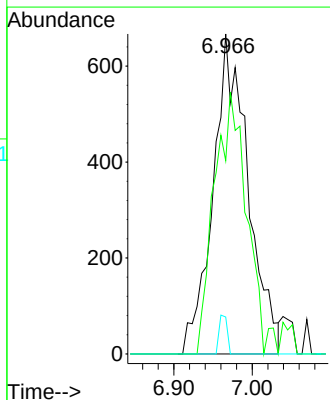
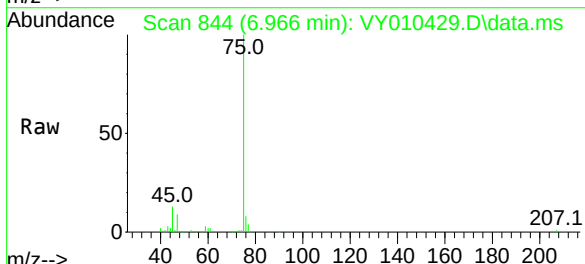
Instrument :
MSVOA_Y
ClientSampleId :
SB-18-7.5-8.0

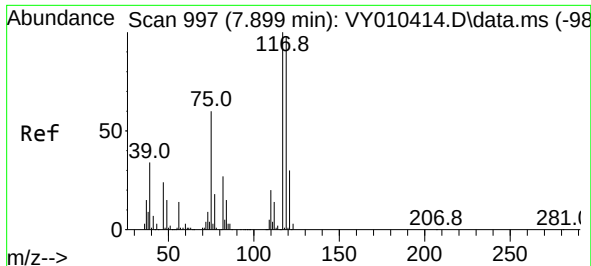
Tgt Ion: 75 Resp: 15236
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.163 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.104 min
Lab File: VY010429.D
Acq: 09 Sep 2022 19:42

Tgt Ion: 43 Resp: 2078
Ion Ratio Lower Upper
43 100
61 75.0 9.7 14.5#
70 2.8 7.1 10.7#

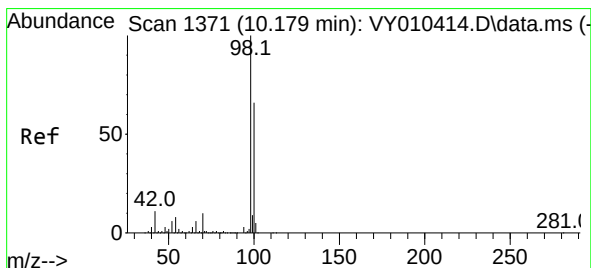
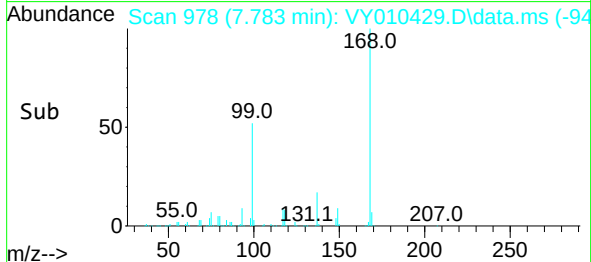
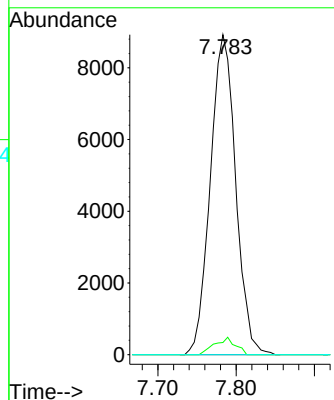
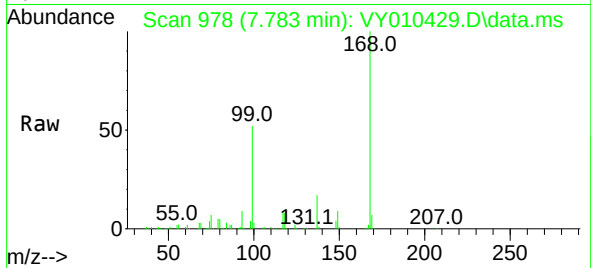




#38
Carbon Tetrachloride
Concen: 5.314 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010429.D
Acq: 09 Sep 2022 19:42

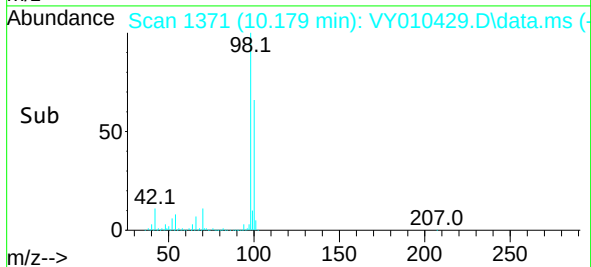
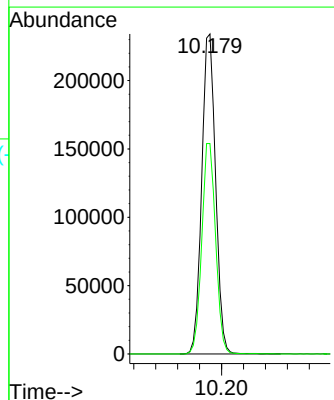
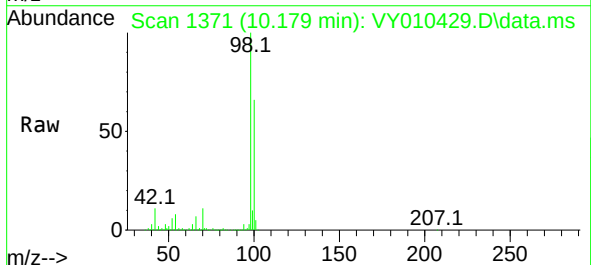
Instrument :
MSVOA_Y
ClientSampleId :
SB-18-7.5-8.0

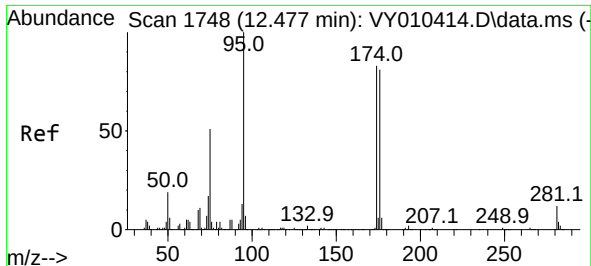
Tgt Ion:117 Resp: 20099
Ion Ratio Lower Upper
117 100
119 3.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.922 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010429.D
Acq: 09 Sep 2022 19:42

Tgt Ion: 98 Resp: 409845
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2

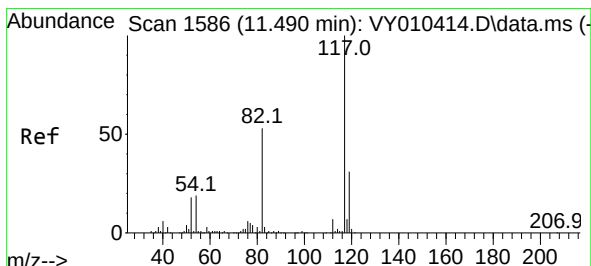
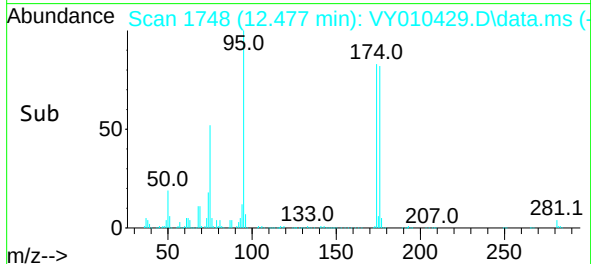
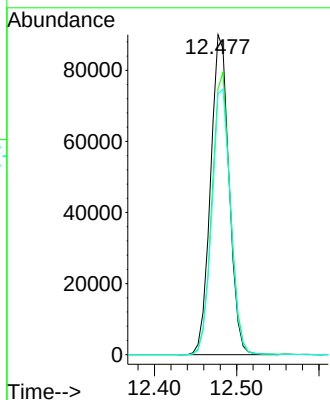
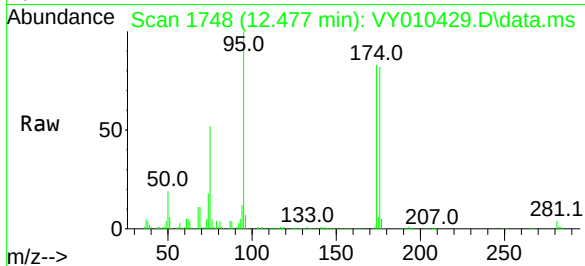




#62
4-Bromofluorobenzene
Concen: 43.342 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010429.D
Acq: 09 Sep 2022 19:42

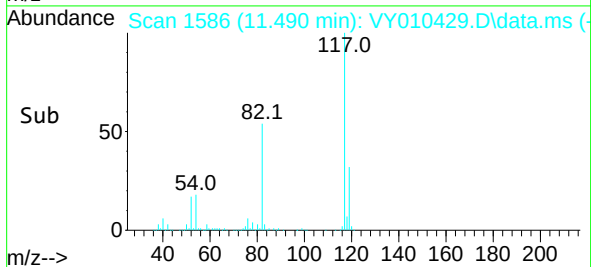
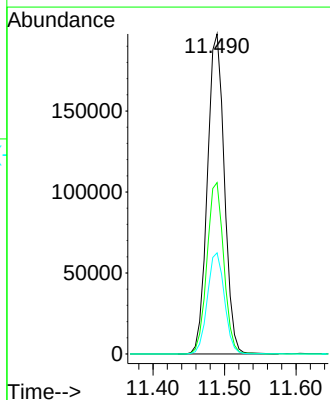
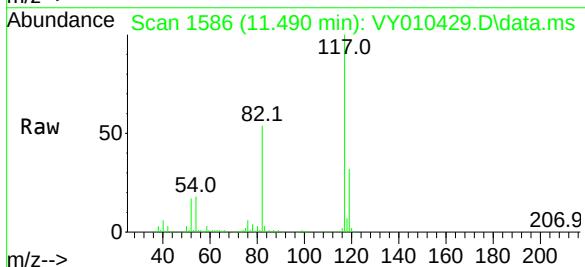
Instrument :
MSVOA_Y
ClientSampleId :
SB-18-7.5-8.0

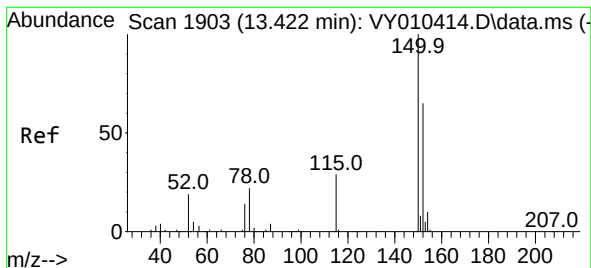
Tgt Ion: 95 Resp: 140885
Ion Ratio Lower Upper
95 100
174 88.0 0.0 177.0
176 83.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010429.D
Acq: 09 Sep 2022 19:42

Tgt Ion: 117 Resp: 325402
Ion Ratio Lower Upper
117 100
82 53.6 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: VY010429.D

Acq: 09 Sep 2022 19:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-18-7.5-8.0

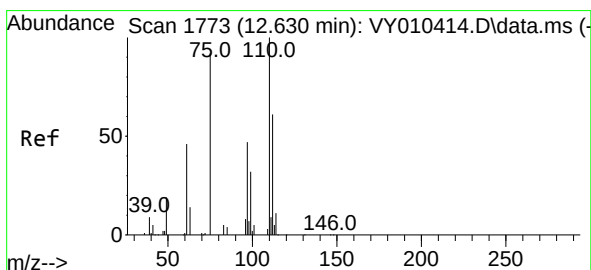
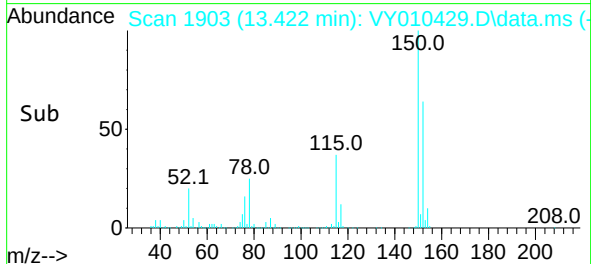
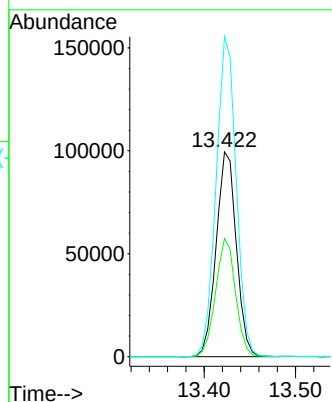
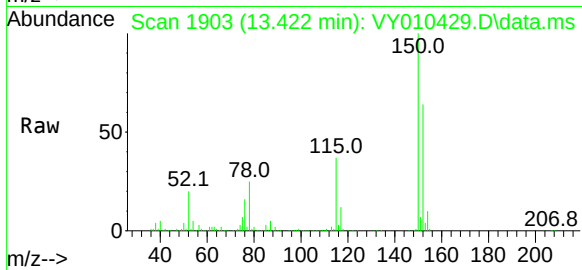
Tgt Ion:152 Resp: 152747

Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

150 155.7 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 42.986 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY010429.D

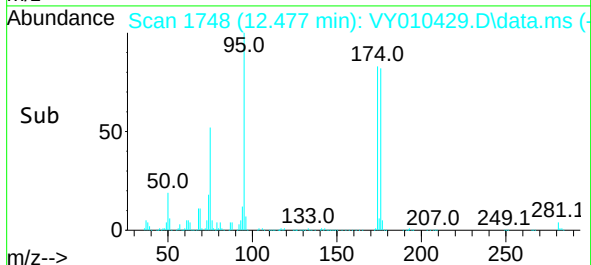
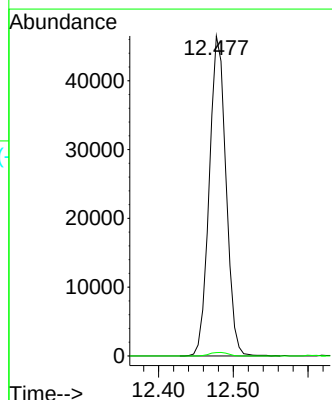
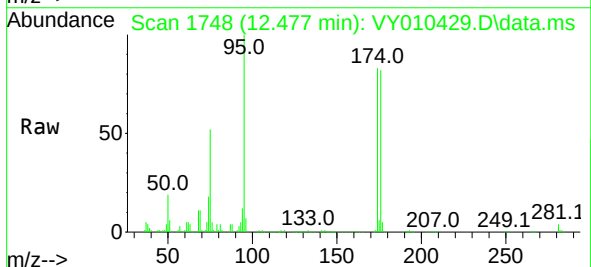
Acq: 09 Sep 2022 19:42

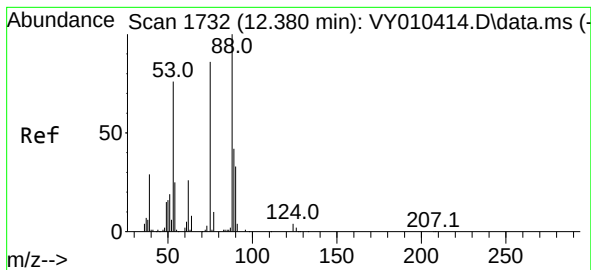
Tgt Ion: 75 Resp: 72467

Ion Ratio Lower Upper

75 100

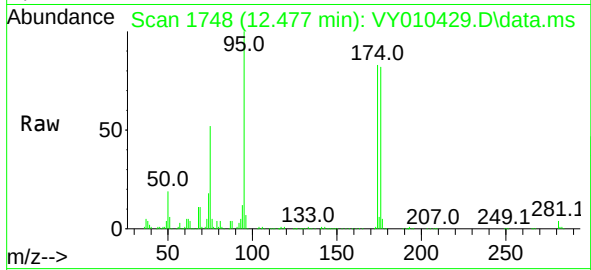
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.445 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010429.D
 Acq: 09 Sep 2022 19:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-18-7.5-8.0



Tgt Ion: 75 Resp: 72467
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.2 37.0 55.4#

