

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041322\
 Data File : VY008310.D
 Acq On : 13 Apr 2022 14:16
 Operator : KP/MD
 Sample : N2364-05RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-14.5-15.0RE

Quant Time: Apr 14 05:56:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

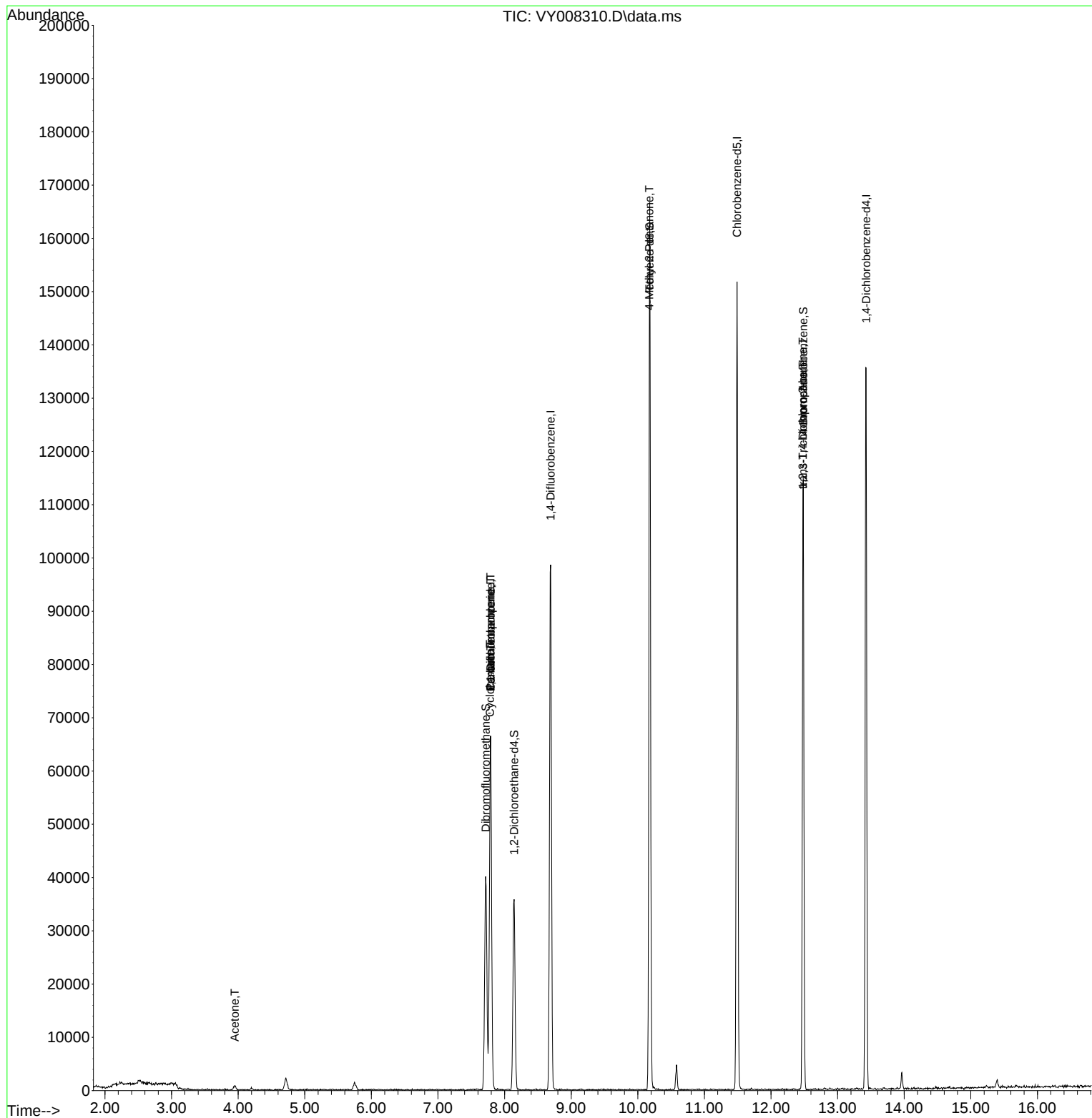
Internal Standards						
1) Pentafluorobenzene	7.789	168	52298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	91894	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	84389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	35885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	28168	57.340	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.680%	
35) Dibromofluoromethane	7.716	113	28426	53.557	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.120%	
50) Toluene-d8	10.179	98	110122	60.634	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 121.260%	
62) 4-Bromofluorobenzene	12.483	95	34656	50.733	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.460%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	158	Below Cal	#	44
5) Bromomethane	2.662	94	220	Below Cal	#	64
16) Acetone	3.948	43	1542	13.050	ug/l #	89
18) Methyl Acetate	4.466	43	54	Below Cal	#	56
20) Methylene Chloride	4.716	84	1832	Below Cal	#	62
31) Cyclohexane	7.783	56	915	1.030	ug/l #	11
36) 1,1-Dichloropropene	7.789	75	4032	4.757	ug/l #	48
38) Carbon Tetrachloride	7.789	117	5118	5.613	ug/l #	15
51) 4-Methyl-2-Pentanone	10.173	43	421	1.005	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	18485	46.576	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	18485	104.212	ug/l #	7

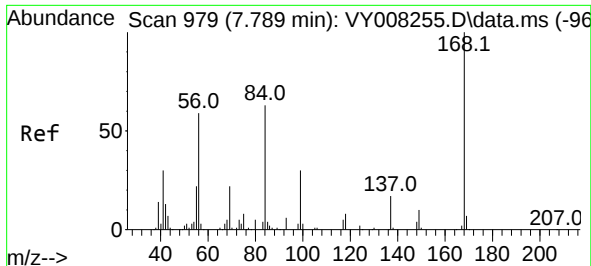
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
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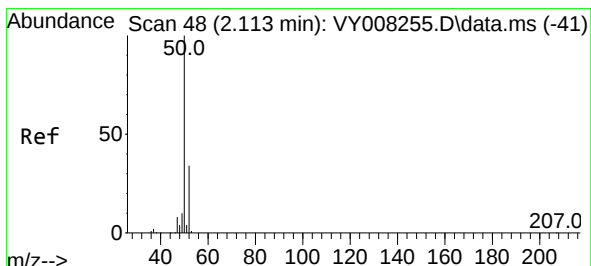
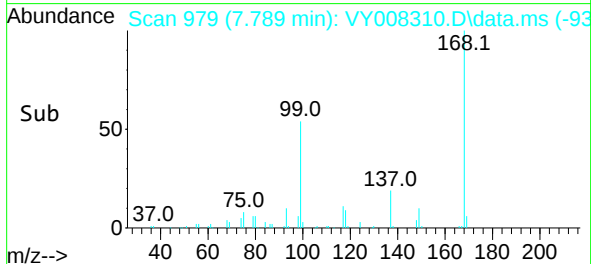
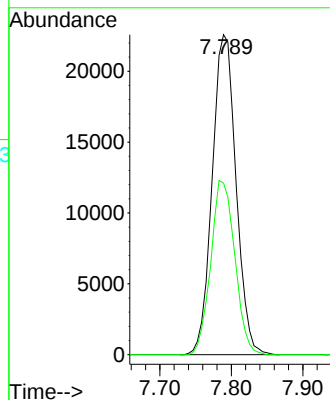
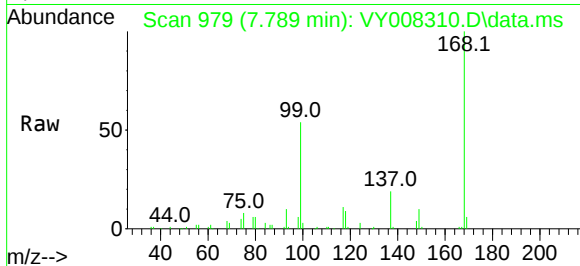




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008310.D
Acq: 13 Apr 2022 14:16

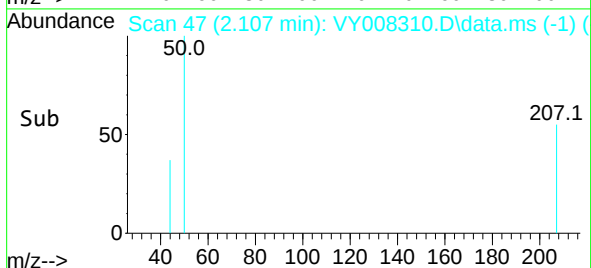
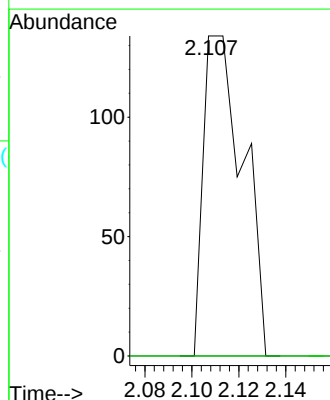
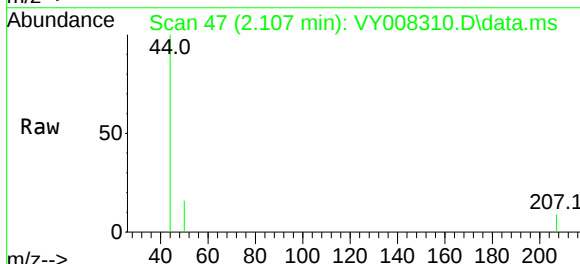
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-14.5-15.0RE

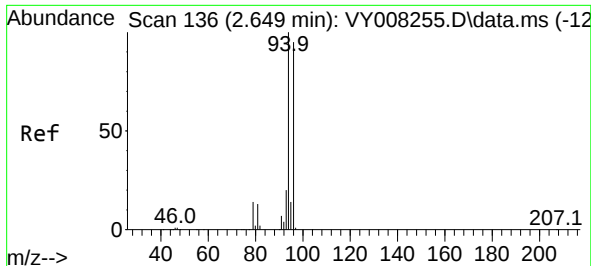
Tgt Ion:168 Resp: 52298
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY008310.D
Acq: 13 Apr 2022 14:16

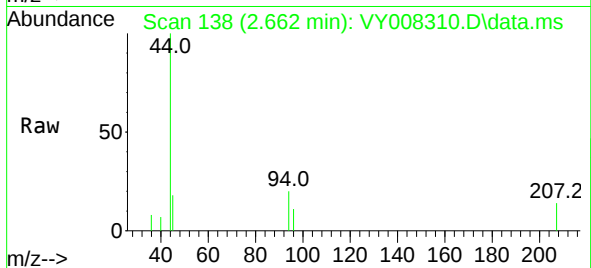
Tgt Ion: 50 Resp: 158
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#



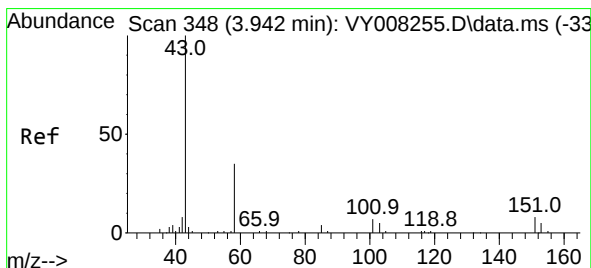
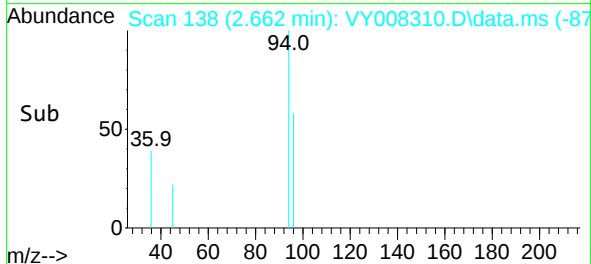
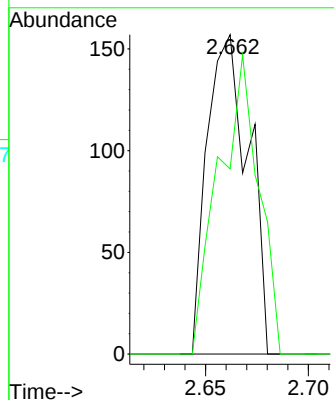


#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY008310.D
Acq: 13 Apr 2022 14:16

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-14.5-15.0RE

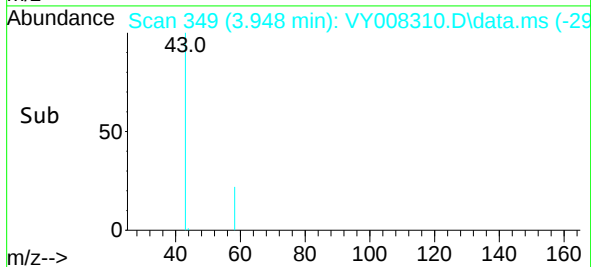
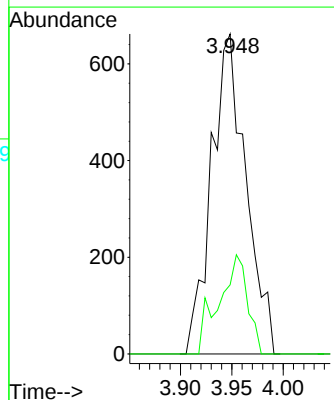
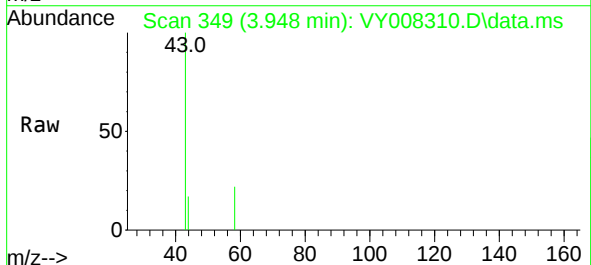


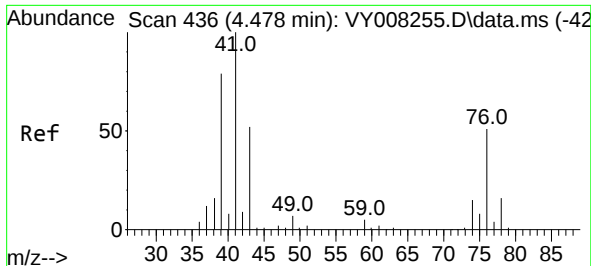
Tgt Ion: 94 Resp: 220
Ion Ratio Lower Upper
94 100
96 58.0 73.5 110.3#



#16
Acetone
Concen: 13.050 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008310.D
Acq: 13 Apr 2022 14:16

Tgt Ion: 43 Resp: 1542
Ion Ratio Lower Upper
43 100
58 21.6 22.0 33.0#

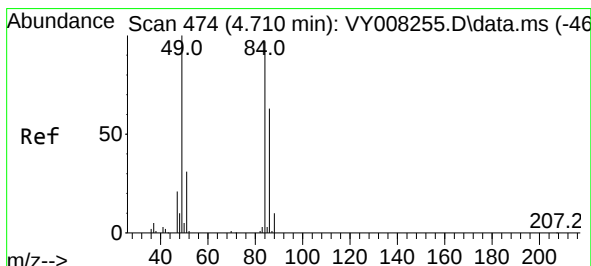
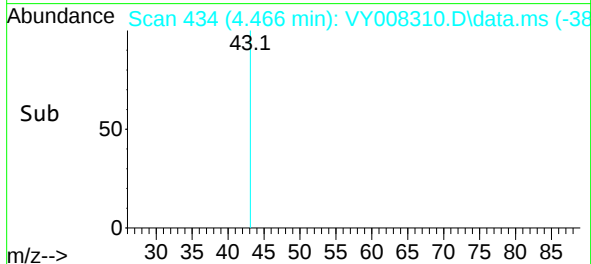
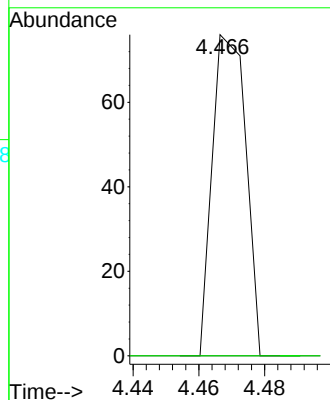
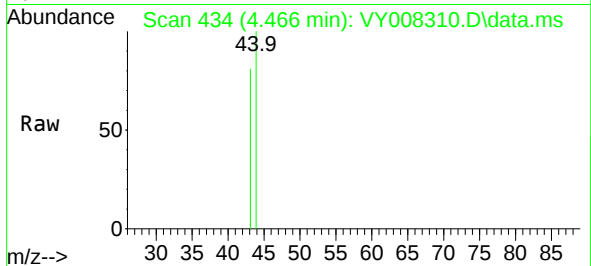




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY008310.D
Acq: 13 Apr 2022 14:16

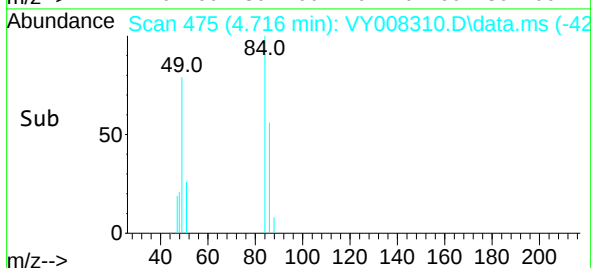
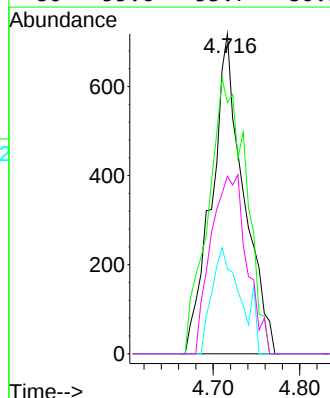
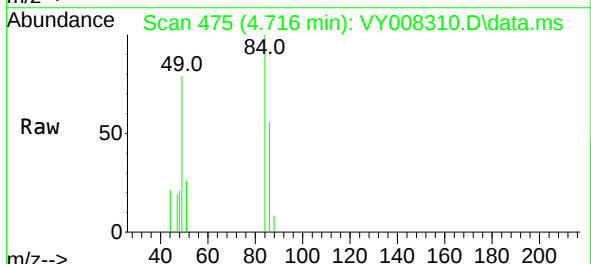
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-14.5-15.0RE

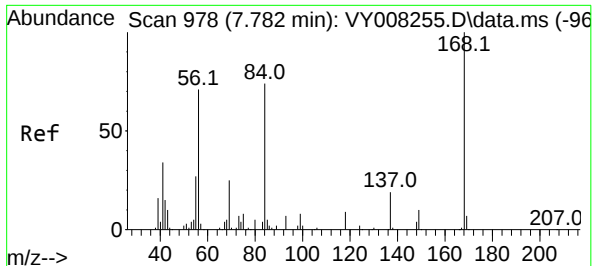
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008310.D
Acq: 13 Apr 2022 14:16

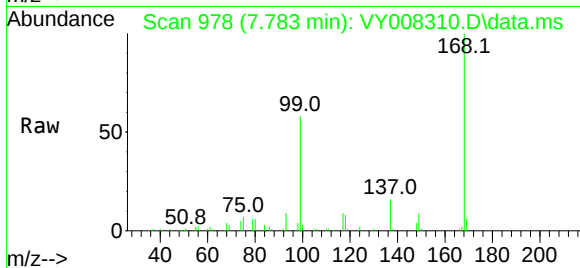
Tgt Ion: 84 Resp: 1832
Ion Ratio Lower Upper
84 100
49 78.6 114.4 171.6#
51 26.5 35.3 52.9#
86 55.6 53.7 80.5



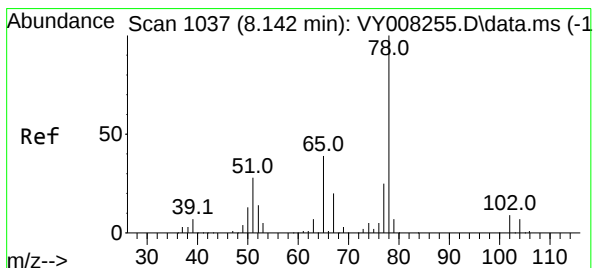
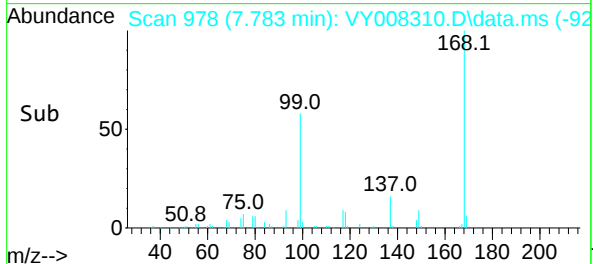
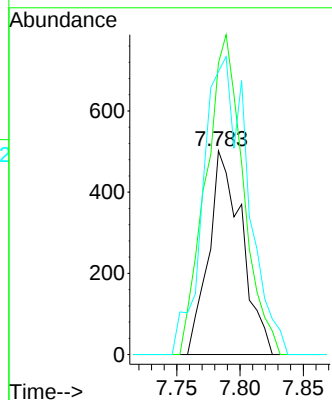


#31
Cyclohexane
Concen: 1.030 ug/l
RT: 7.783 min Scan# 915
Delta R.T. 0.001 min
Lab File: VY008310.D
Acq: 13 Apr 2022 14:16

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-14.5-15.0RE

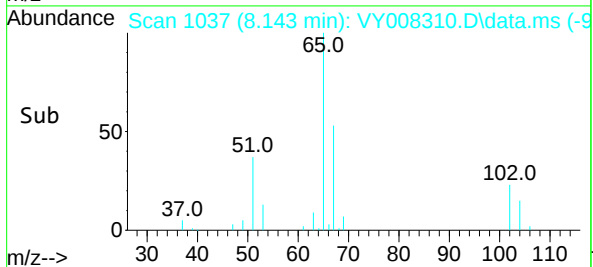
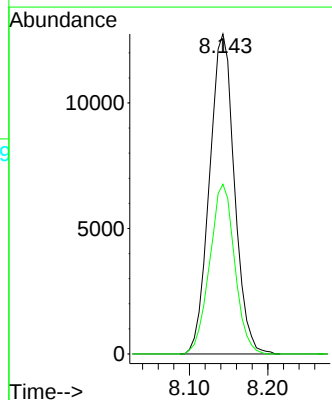
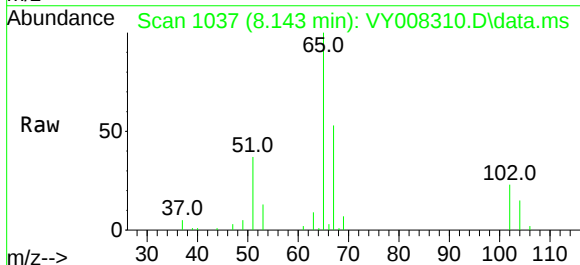


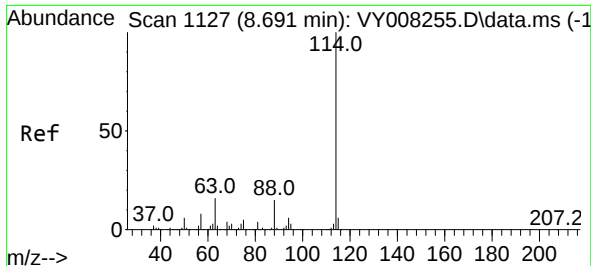
Tgt Ion: 56 Resp: 915
Ion Ratio Lower Upper
56 100
69 143.0 26.7 40.1#
84 126.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.340 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008310.D
Acq: 13 Apr 2022 14:16

Tgt Ion: 65 Resp: 28168
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008310.D

Acq: 13 Apr 2022 14:16

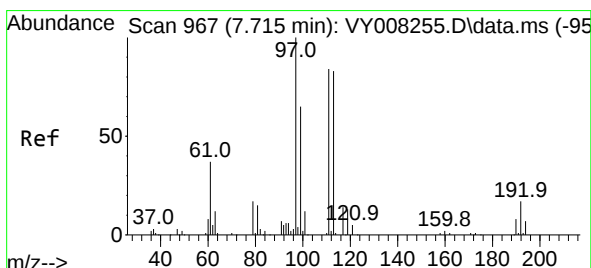
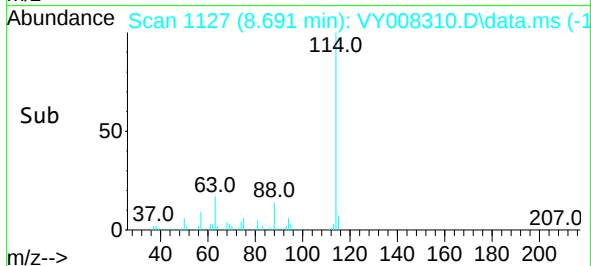
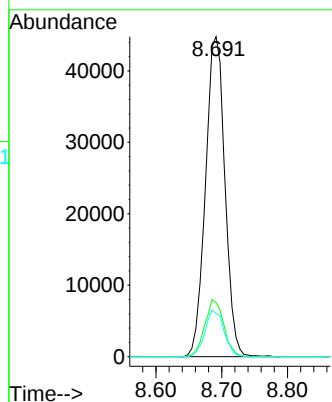
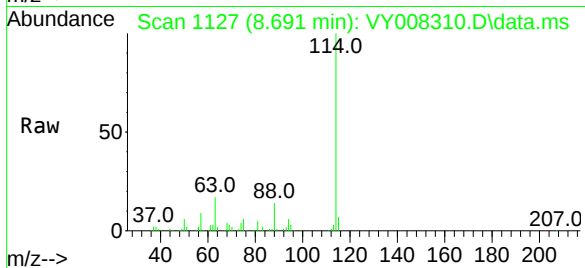
Instrument :

MSVOA_Y

ClientSampleId :

SB-03-14.5-15.0RE

Tgt Ion:	114	Resp:	91894
Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	43.2
88	13.5	0.0	31.8



#35

Dibromofluoromethane

Concen: 53.557 ug/l

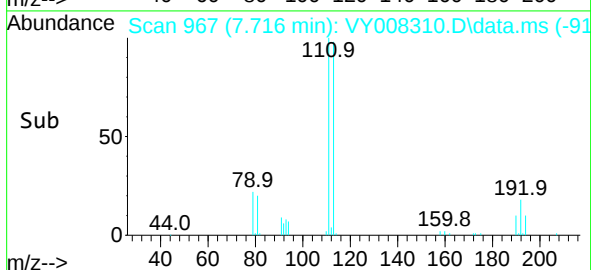
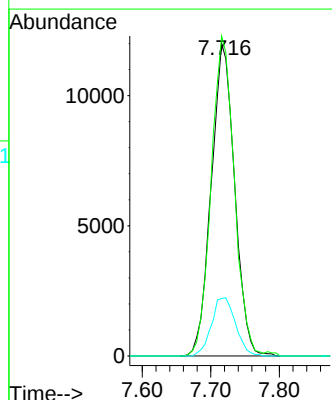
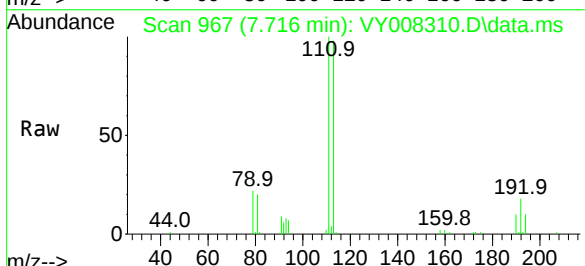
RT: 7.716 min Scan# 967

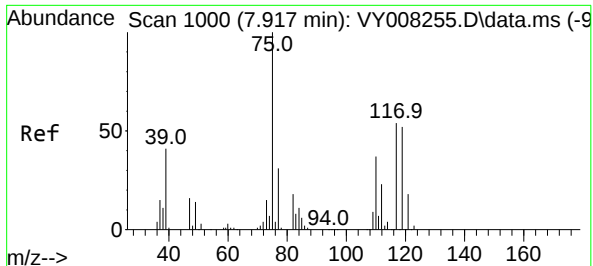
Delta R.T. 0.001 min

Lab File: VY008310.D

Acq: 13 Apr 2022 14:16

Tgt Ion:	113	Resp:	28426
Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.6	124.0
192	19.2	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.757 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008310.D

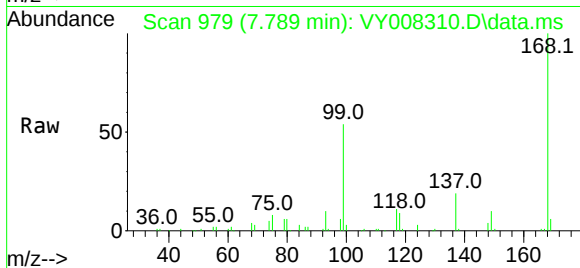
Acq: 13 Apr 2022 14:16

Instrument :

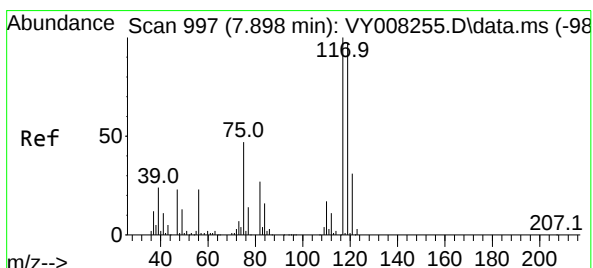
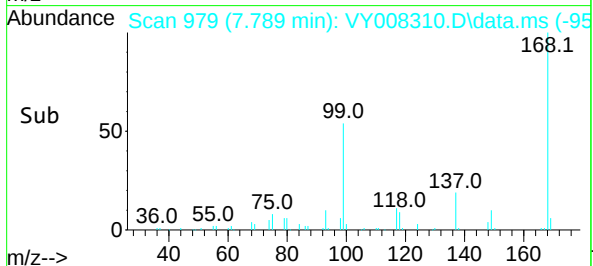
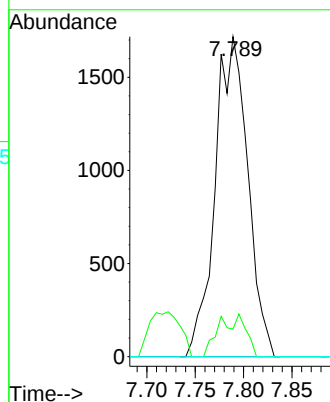
MSVOA_Y

ClientSampleId :

SB-03-14.5-15.0RE



Tgt Ion: 75	Resp: 4032
Ion Ratio	Lower Upper
75	100
110	6.4 17.1 51.2#
77	0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.613 ug/l

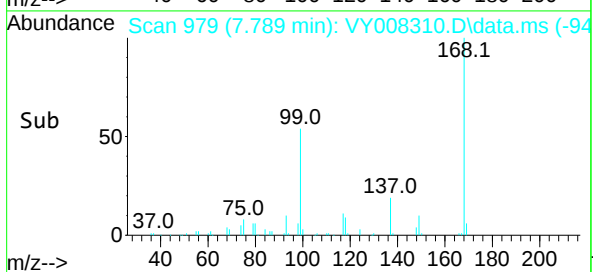
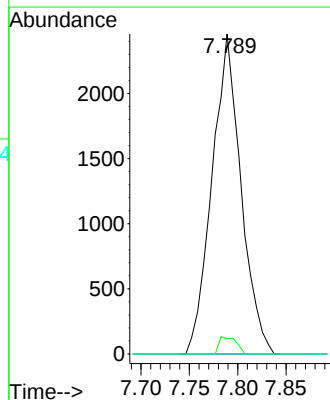
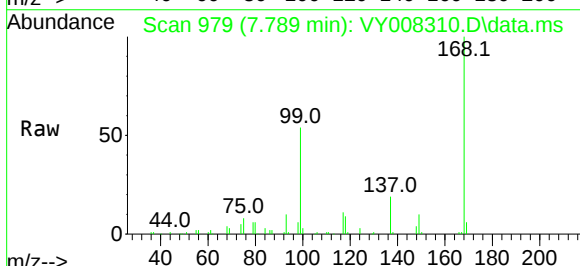
RT: 7.789 min Scan# 979

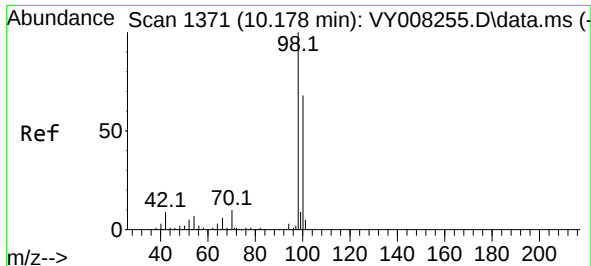
Delta R.T. -0.109 min

Lab File: VY008310.D

Acq: 13 Apr 2022 14:16

Tgt Ion: 117	Resp: 5118
Ion Ratio	Lower Upper
117	100
119	4.8 77.9 116.9#
121	0.0 24.8 37.2#

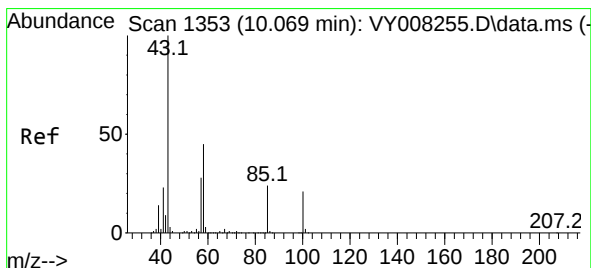
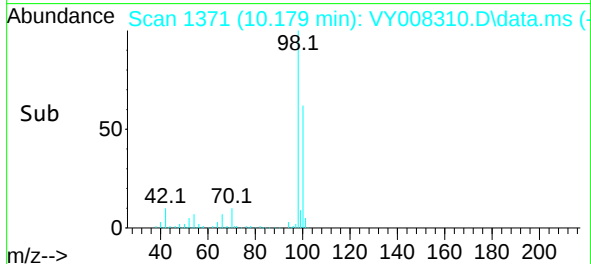
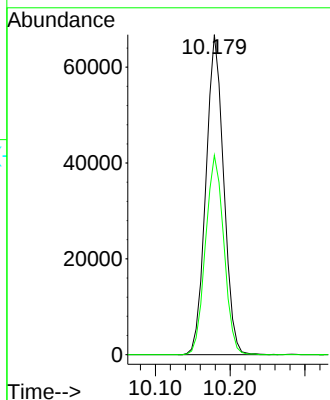
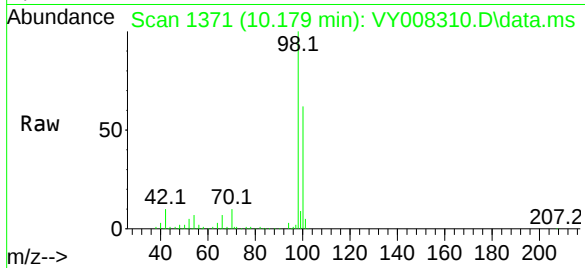




#50
Toluene-d8
Concen: 60.634 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008310.D
Acq: 13 Apr 2022 14:16

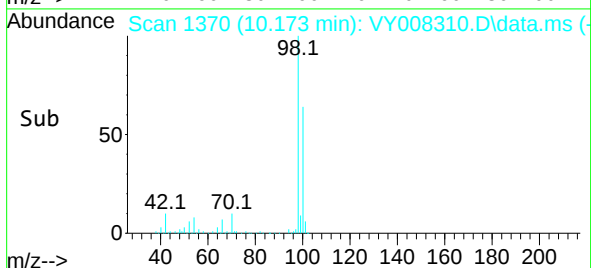
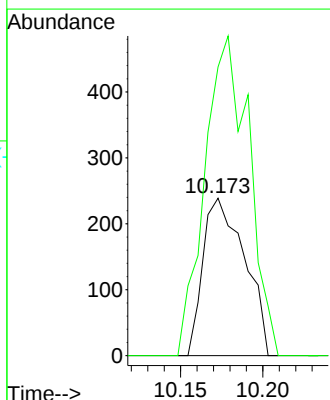
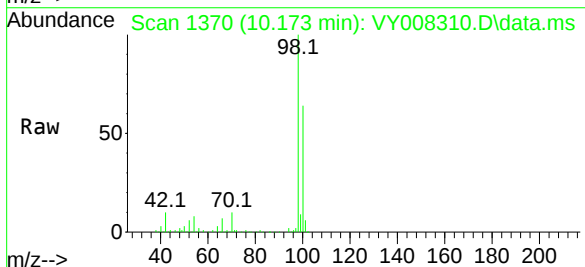
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-14.5-15.0RE

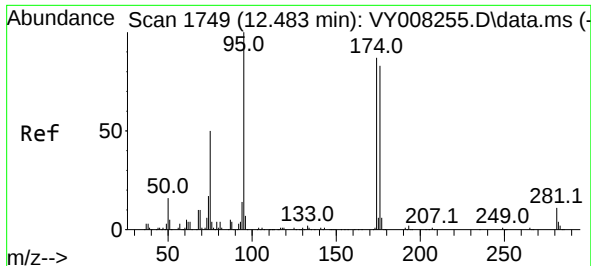
Tgt Ion: 98 Resp: 110122
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.005 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.104 min
Lab File: VY008310.D
Acq: 13 Apr 2022 14:16

Tgt Ion: 43 Resp: 421
Ion Ratio Lower Upper
43 100
58 214.7 28.1 42.1#

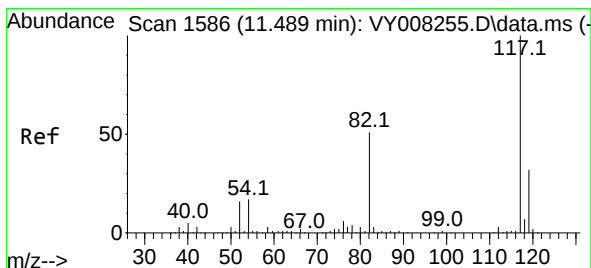
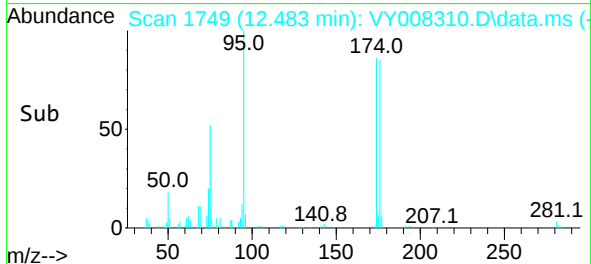
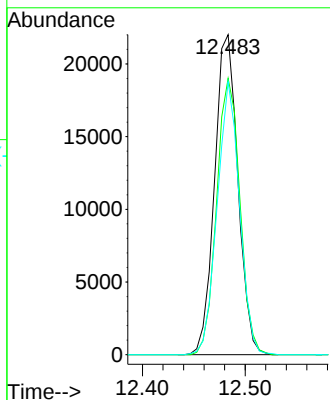
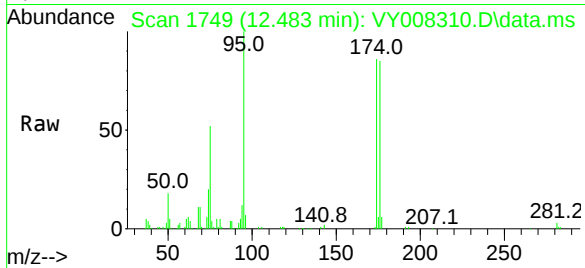




#62
4-Bromofluorobenzene
Concen: 50.733 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008310.D
Acq: 13 Apr 2022 14:16

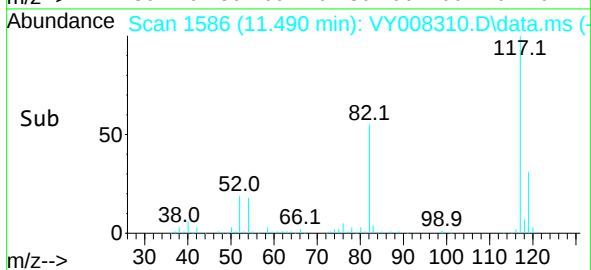
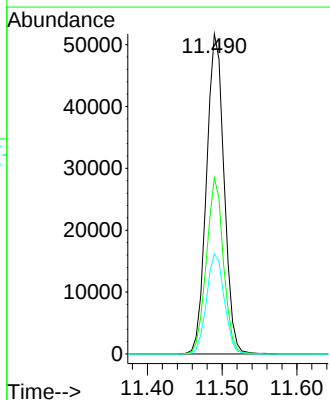
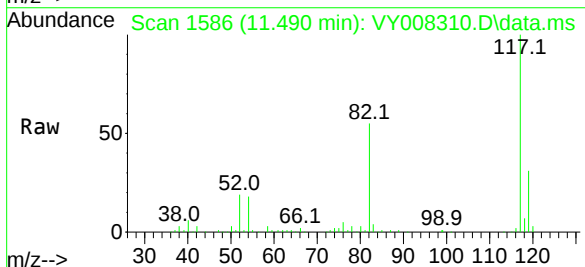
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-14.5-15.0RE

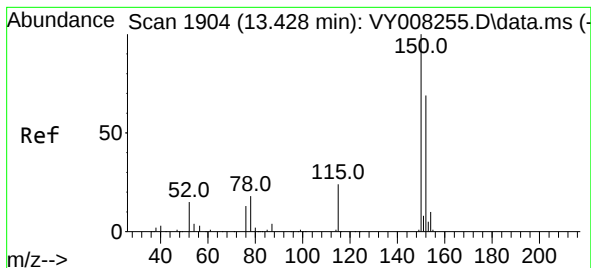
Tgt Ion: 95 Resp: 34656
Ion Ratio Lower Upper
95 100
174 86.1 0.0 177.0
176 81.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008310.D
Acq: 13 Apr 2022 14:16

Tgt Ion: 117 Resp: 84389
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.4
119 31.3 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008310.D

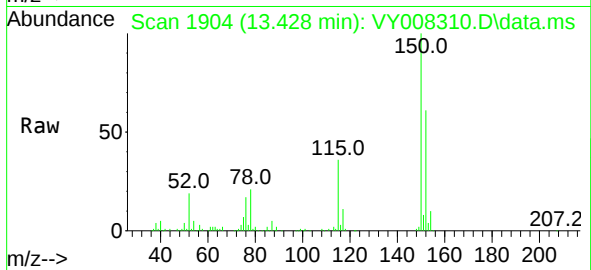
Acq: 13 Apr 2022 14:16

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-14.5-15.0RE



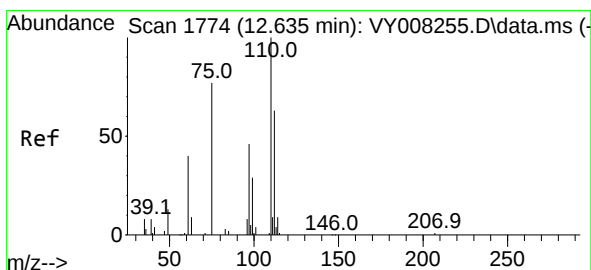
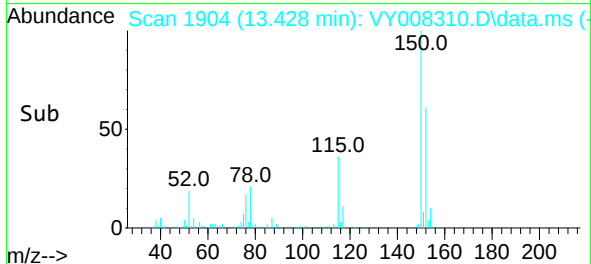
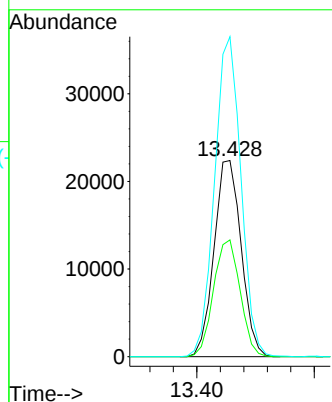
Tgt Ion:152 Resp: 35885

Ion Ratio Lower Upper

152 100

115 58.3 28.2 84.7

150 158.6 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 46.576 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY008310.D

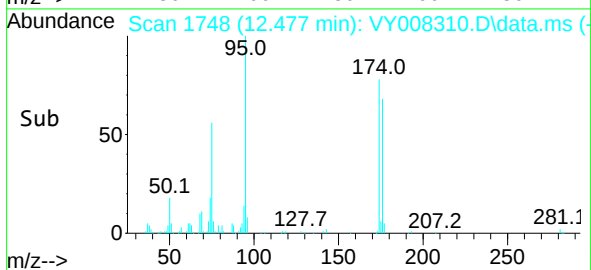
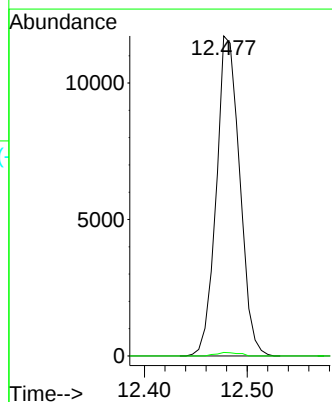
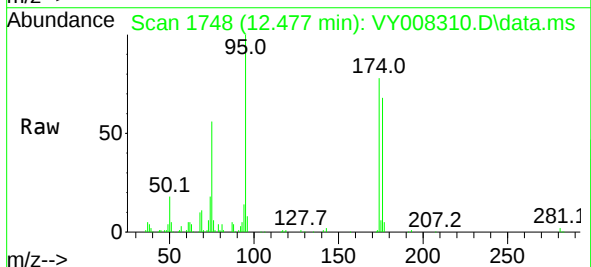
Acq: 13 Apr 2022 14:16

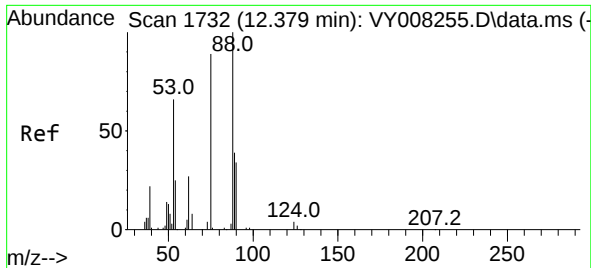
Tgt Ion: 75 Resp: 18485

Ion Ratio Lower Upper

75 100

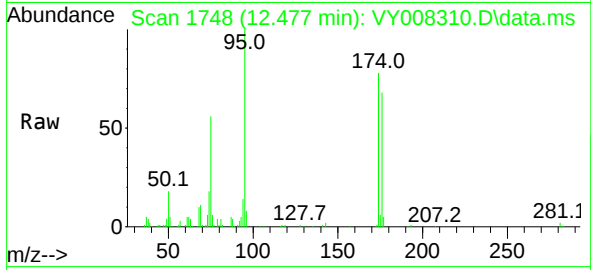
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.212 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY008310.D
 Acq: 13 Apr 2022 14:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-14.5-15.0RE



Tgt Ion:	75	Resp:	18485
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.4	37.0	55.4#

