

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030122\
 Data File : VY007667.D
 Acq On : 01 Mar 2022 14:51
 Operator : SY/MD
 Sample : N1719-01
 Misc : 6.58g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-148-IDWSO-20220228

Quant Time: Mar 02 07:50:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

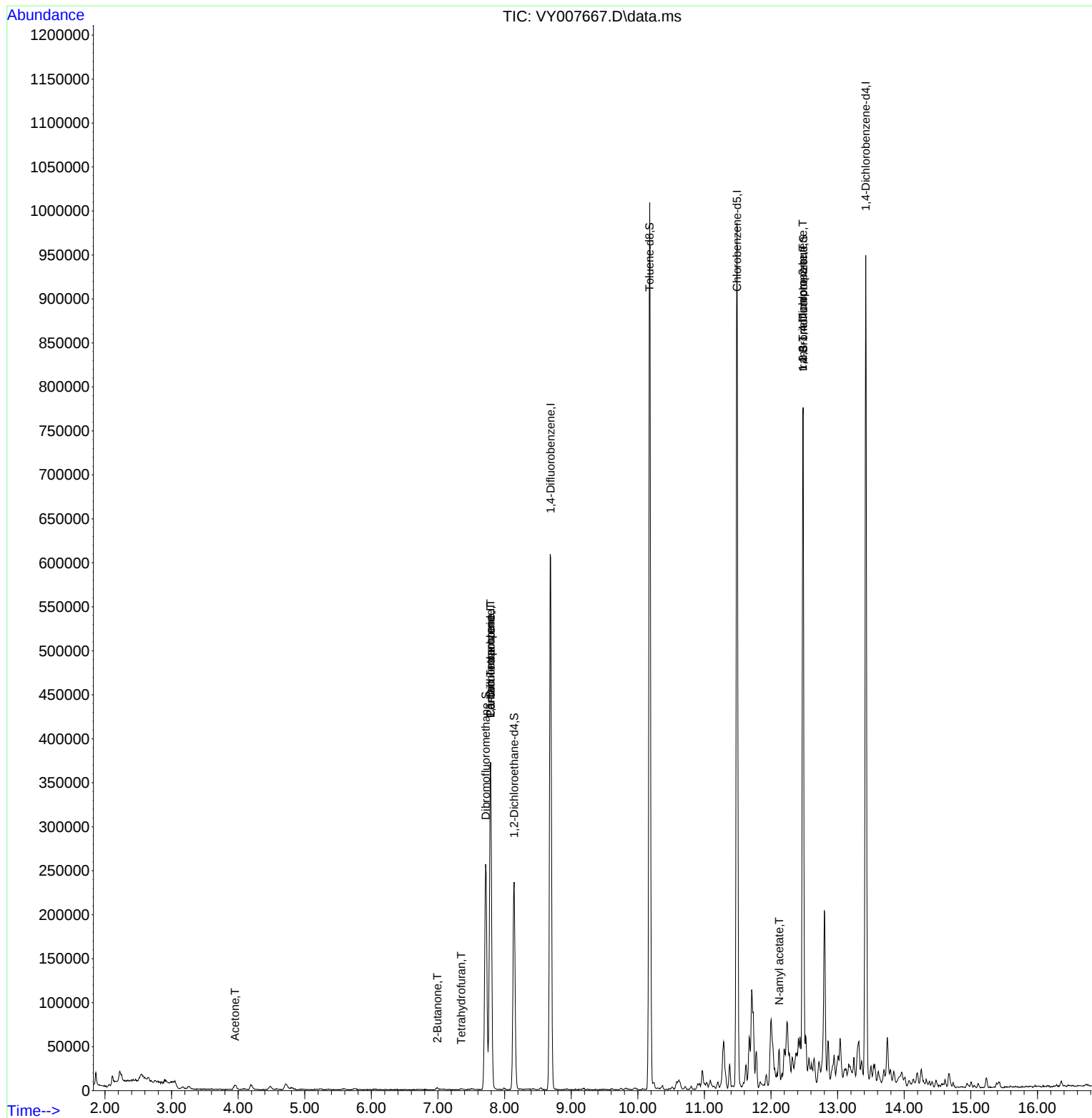
Internal Standards						
1) Pentafluorobenzene	7.789	168	295642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	529131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	519099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	230081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	181051	58.496	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.000%			
35) Dibromofluoromethane	7.716	113	176992	52.320	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.640%			
50) Toluene-d8	10.179	98	663539	53.285	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.560%			
62) 4-Bromofluorobenzene	12.483	95	214155	53.352	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	78	Below Cal	#	49
3) Chloromethane	2.107	50	5145	Below Cal		94
13) Acrolein	3.735	56	200	Below Cal	#	77
16) Acetone	3.954	43	9222	14.647	ug/l	94
17) Carbon Disulfide	4.192	76	10261	Below Cal		96
18) Methyl Acetate	4.479	43	6998	Below Cal		92
20) Methylene Chloride	4.704	84	2304	Below Cal	#	70
25) 2-Butanone	6.990	43	1911	1.809	ug/l #	47
29) Tetrahydrofuran	7.350	42	773	1.070	ug/l #	68
31) Cyclohexane	7.783	56	7052	Below Cal	#	14
36) 1,1-Dichloropropene	7.789	75	23611	4.437	ug/l #	52
38) Carbon Tetrachloride	7.789	117	29203	5.144	ug/l #	15
74) N-amyl acetate	12.124	43	8668	1.817	ug/l #	68
76) 1,2,3-Trichloropropane	12.477	75	122268	47.585	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	122268	97.282	ug/l #	7

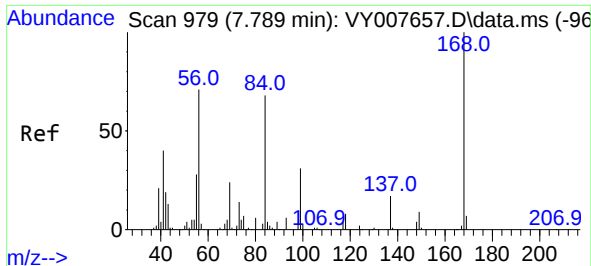
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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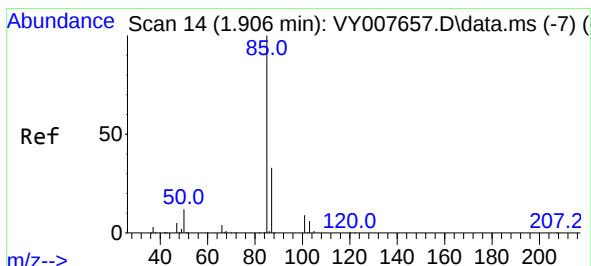
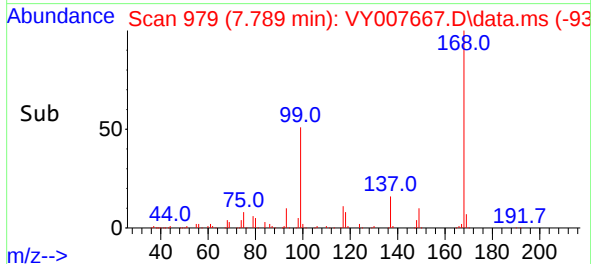
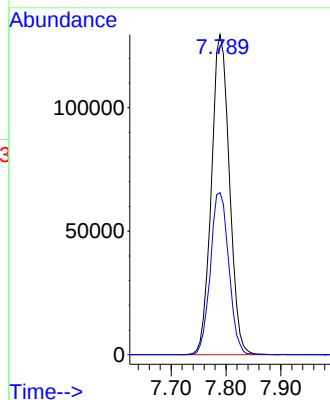
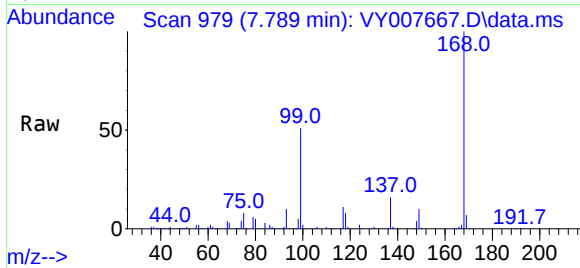




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007667.D
Acq: 01 Mar 2022 14:51

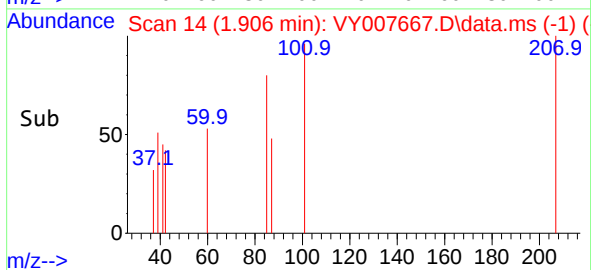
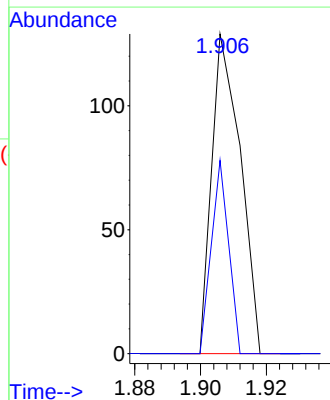
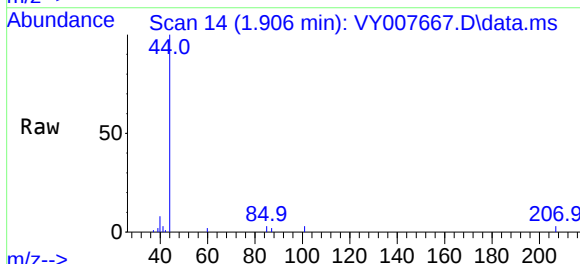
Instrument :
MSVOA_Y
ClientSampleId :
TT-148-IDWSO-20220228

Tgt Ion:168 Resp: 295642
Ion Ratio Lower Upper
168 100
99 50.6 46.9 70.3

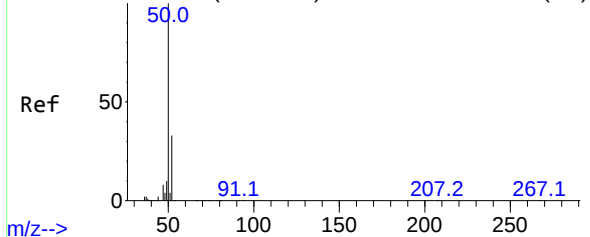


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007667.D
Acq: 01 Mar 2022 14:51

Tgt Ion: 85 Resp: 78
Ion Ratio Lower Upper
85 100
87 60.5 16.1 48.2#



Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)



#3

Chloromethane

Concen: Below Cal

RT: 2.107 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY007667.D

Acq: 01 Mar 2022 14:51

Instrument :

MSVOA_Y

ClientSampleId :

TT-148-IDWSO-20220228

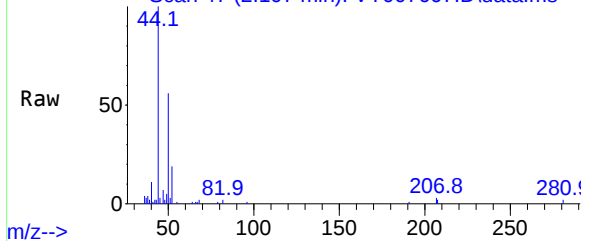
Tgt Ion: 50 Resp: 5145

Ion Ratio Lower Upper

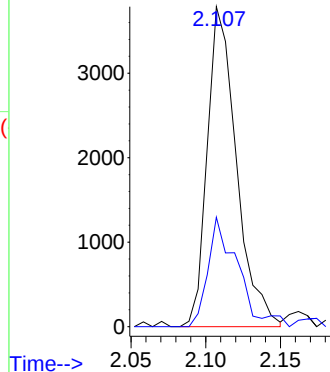
50 100

52 34.2 24.6 37.0

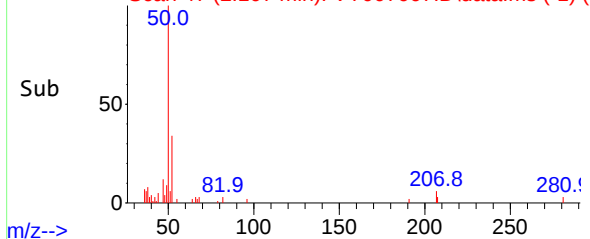
Abundance Scan 47 (2.107 min): VY007667.D\data.ms



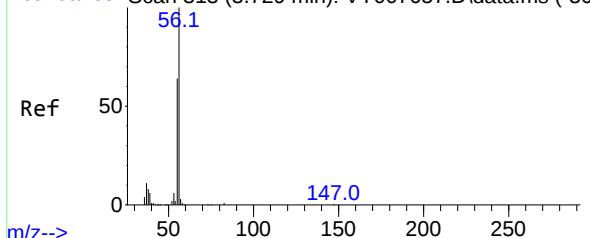
Abundance



Abundance Scan 47 (2.107 min): VY007667.D\data.ms (-1)



Abundance Scan 313 (3.729 min): VY007657.D\data.ms (-30)



#13

Acrolein

Concen: Below Cal

RT: 3.735 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY007667.D

Acq: 01 Mar 2022 14:51

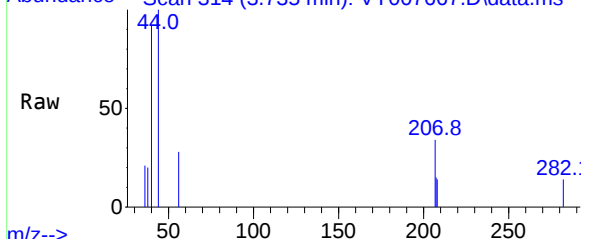
Tgt Ion: 56 Resp: 200

Ion Ratio Lower Upper

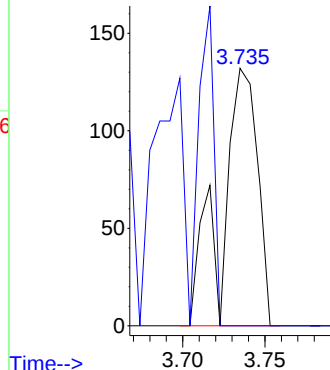
56 100

55 52.5 57.6 86.4#

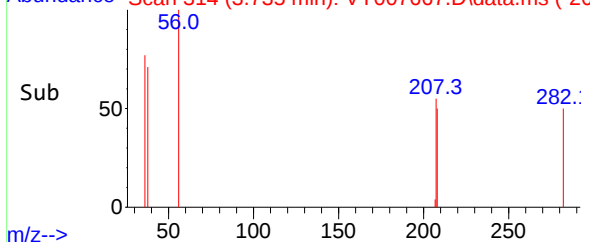
Abundance Scan 314 (3.735 min): VY007667.D\data.ms

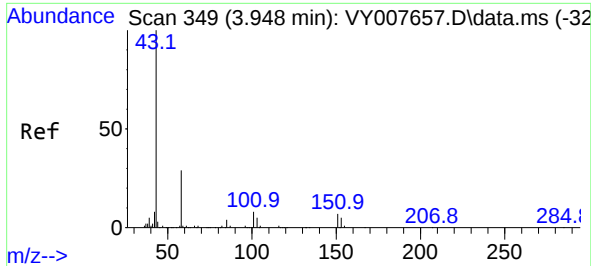


Abundance



Abundance Scan 314 (3.735 min): VY007667.D\data.ms (-26)





#16

Acetone

Concen: 14.647 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY007667.D

Acq: 01 Mar 2022 14:51

Instrument :

MSVOA_Y

ClientSampleId :

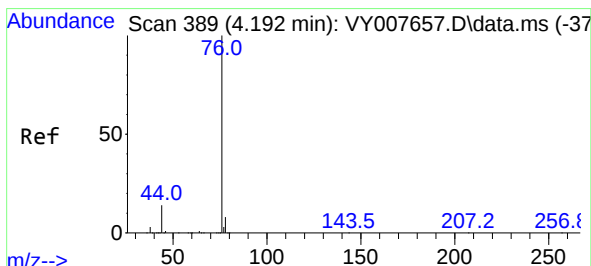
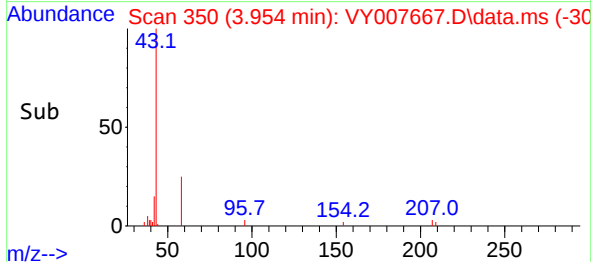
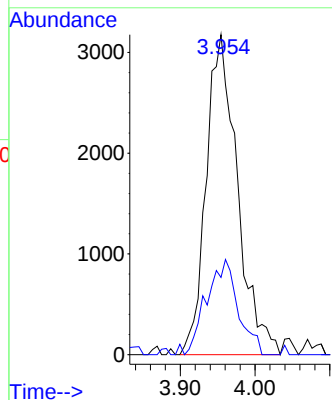
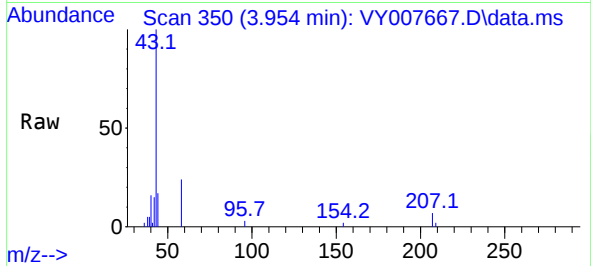
TT-148-IDWSO-20220228

Tgt Ion: 43 Resp: 9222

Ion Ratio Lower Upper

43 100

58 24.1 22.0 33.0



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.192 min Scan# 389

Delta R.T. 0.000 min

Lab File: VY007667.D

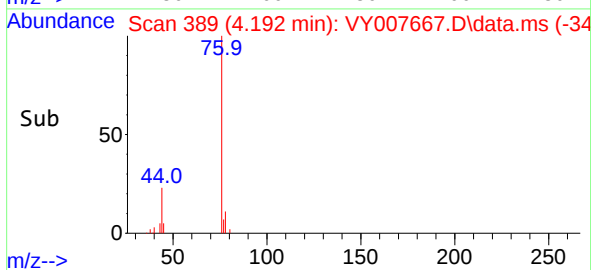
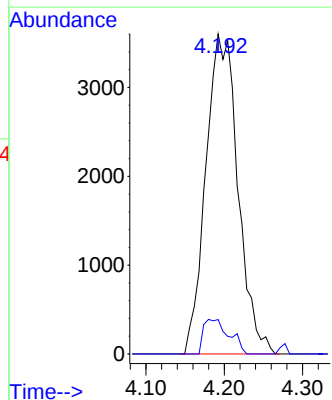
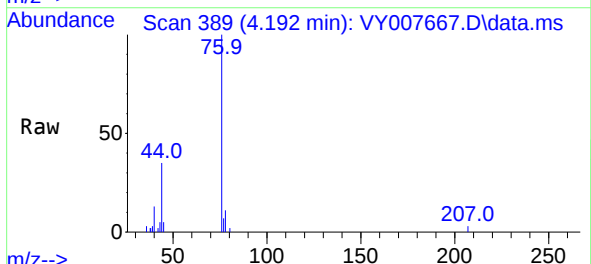
Acq: 01 Mar 2022 14:51

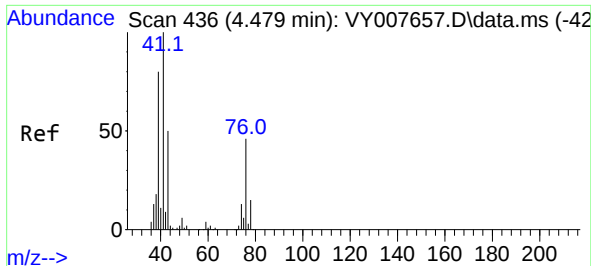
Tgt Ion: 76 Resp: 10261

Ion Ratio Lower Upper

76 100

78 10.8 7.4 11.0

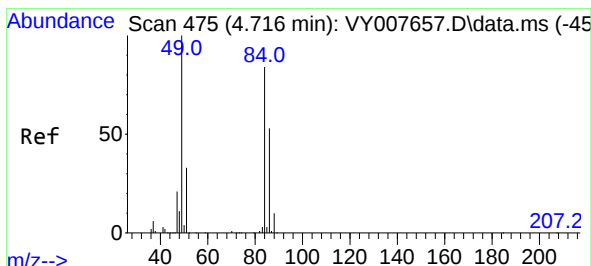
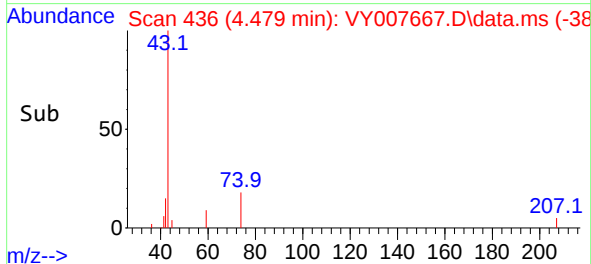
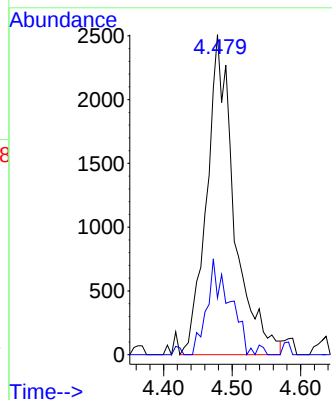
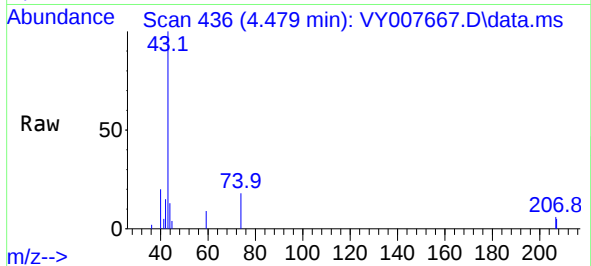




#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY007667.D
Acq: 01 Mar 2022 14:51

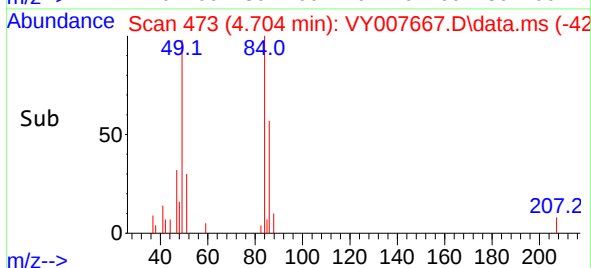
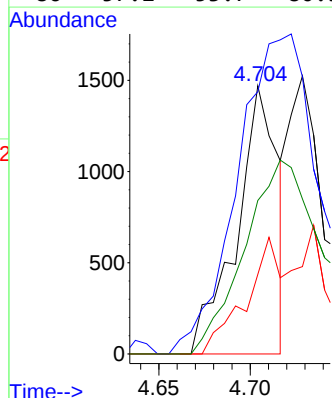
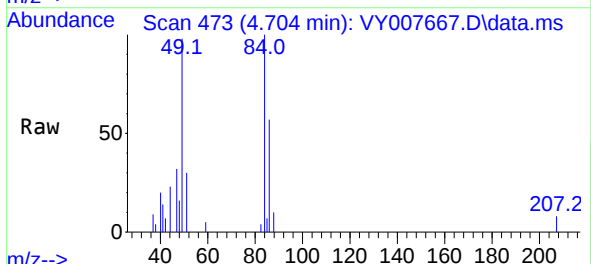
Instrument :
MSVOA_Y
ClientSampleId :
TT-148-IDWSO-20220228

Tgt Ion: 43 Resp: 6998
Ion Ratio Lower Upper
43 100
74 24.4 16.6 24.8

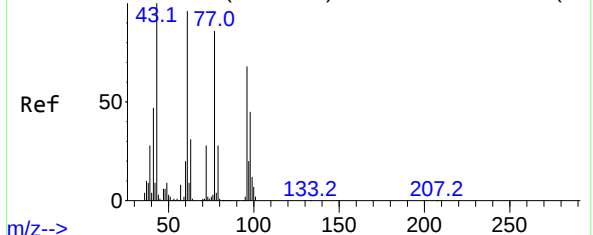


#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY007667.D
Acq: 01 Mar 2022 14:51

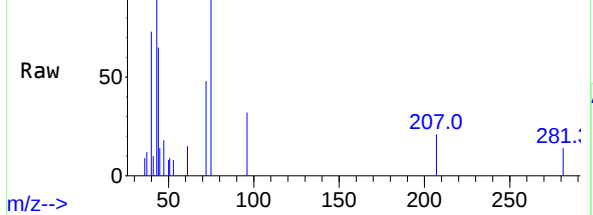
Tgt Ion: 84 Resp: 2304
Ion Ratio Lower Upper
84 100
49 92.4 114.4 171.6#
51 29.7 35.3 52.9#
86 57.2 53.7 80.5



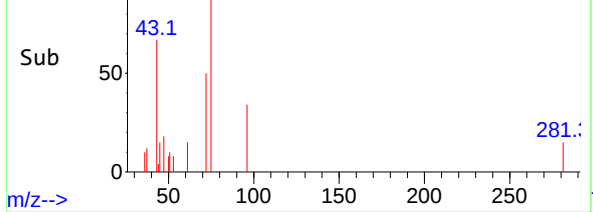
Abundance Scan 847 (6.984 min): VY007657.D\data.ms (-83



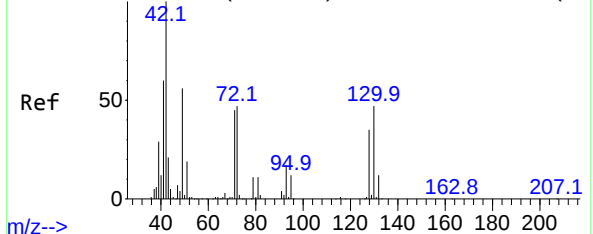
m/z--> Abundance Scan 848 (6.990 min): VY007667.D\data.ms



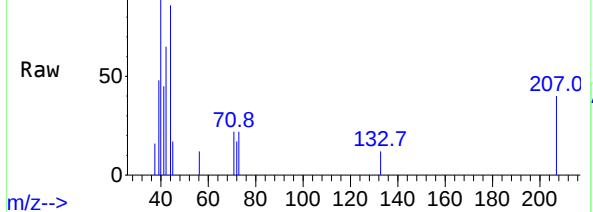
m/z--> Abundance Scan 848 (6.990 min): VY007667.D\data.ms (-79



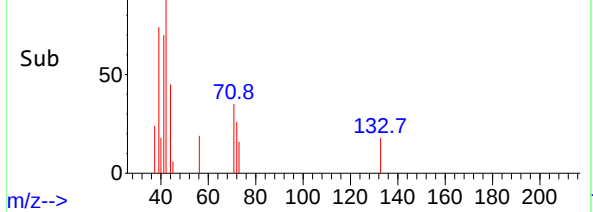
m/z--> Abundance Scan 906 (7.344 min): VY007657.D\data.ms (-89



m/z--> Abundance Scan 907 (7.350 min): VY007667.D\data.ms



m/z--> Abundance Scan 907 (7.350 min): VY007667.D\data.ms (-85



m/z--> Abundance Scan 907 (7.350 min): VY007667.D\data.ms (-85



m/z--> Abundance Scan 907 (7.350 min): VY007667.D\data.ms (-85

#25

2-Butanone

Concen: 1.809 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY007667.D

Acq: 01 Mar 2022 14:51

Instrument :

MSVOA_Y

ClientSampleId :

TT-148-IDWSO-20220228

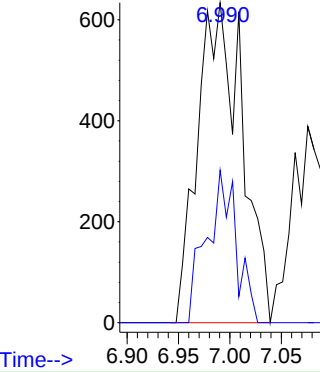
Tgt Ion: 43 Resp: 1911

Ion Ratio Lower Upper

43 100

72 47.6 17.7 26.5#

Abundance



#29

Tetrahydrofuran

Concen: 1.070 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY007667.D

Acq: 01 Mar 2022 14:51

Tgt Ion: 42 Resp: 773

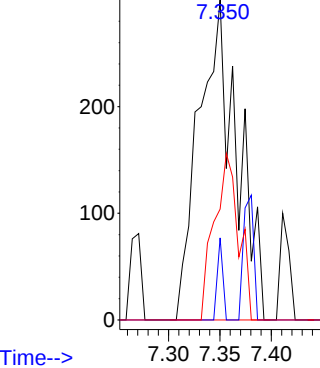
Ion Ratio Lower Upper

42 100

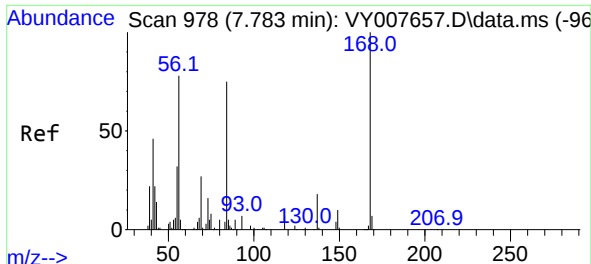
72 3.6 30.3 45.5#

71 33.2 29.0 43.4

Abundance



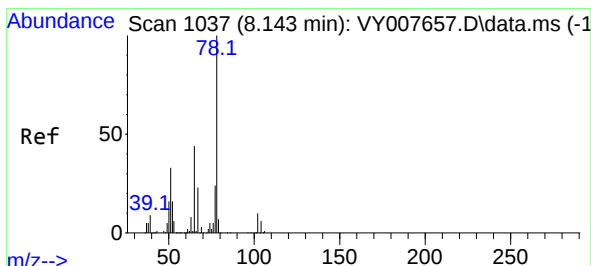
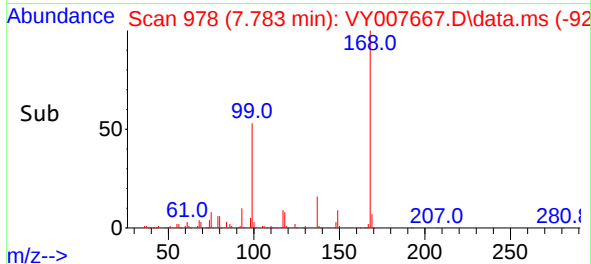
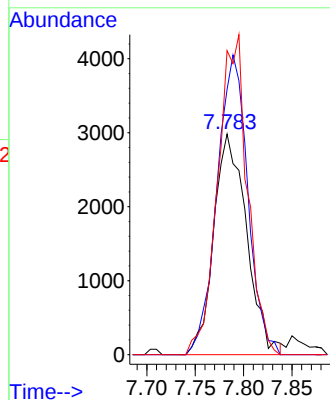
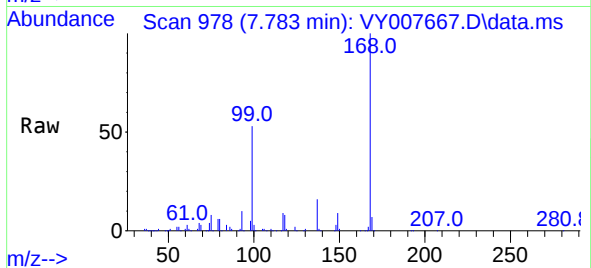
Time-->



#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007667.D
Acq: 01 Mar 2022 14:51

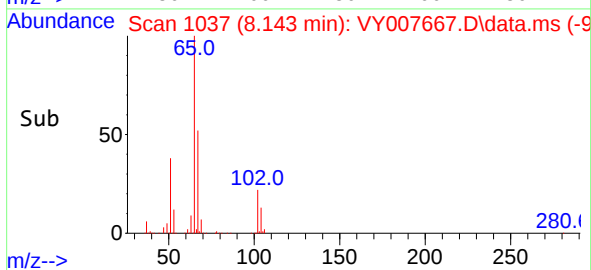
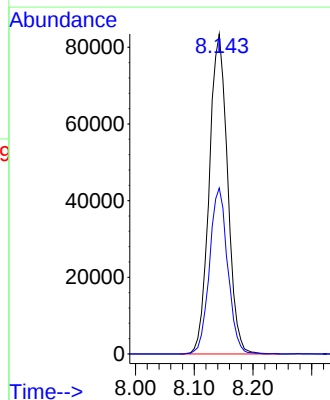
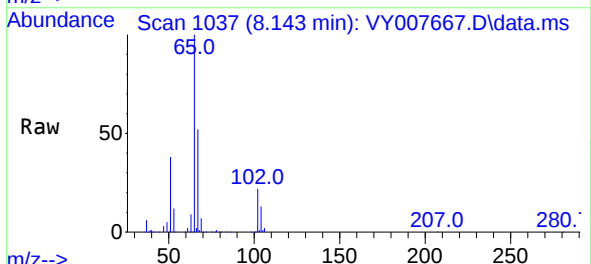
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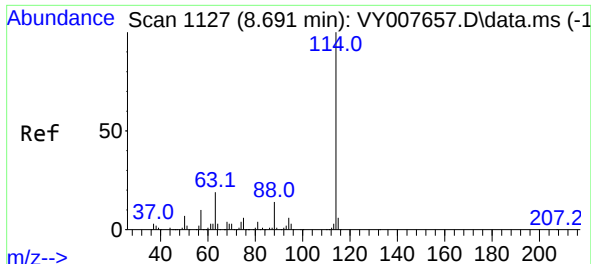
Tgt Ion: 56 Resp: 7052
Ion Ratio Lower Upper
56 100
69 120.3 26.7 40.1#
84 137.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 58.496 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007667.D
Acq: 01 Mar 2022 14:51

Tgt Ion: 65 Resp: 181051
Ion Ratio Lower Upper
65 100
67 51.4 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: VY007667.D

Acq: 01 Mar 2022 14:51

Instrument :

MSVOA_Y

ClientSampleId :

TT-148-IDWSO-20220228

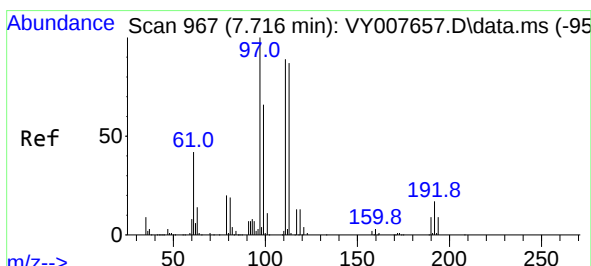
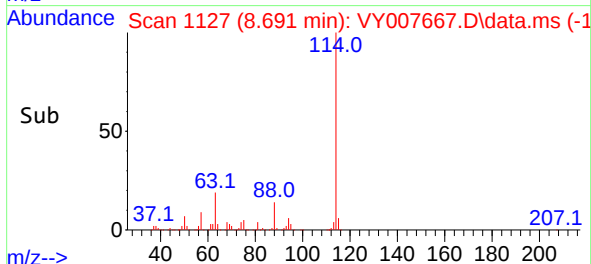
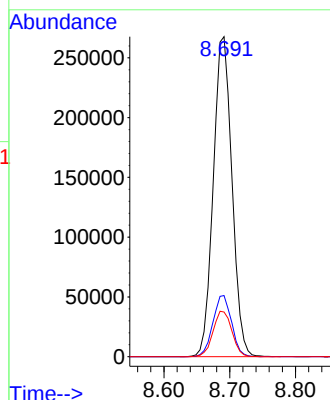
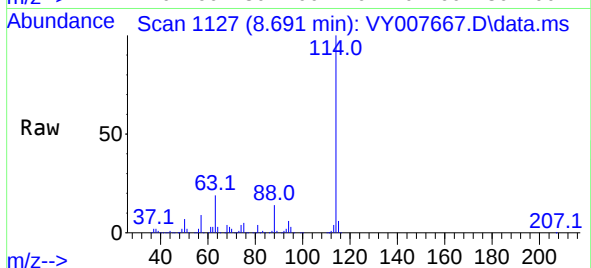
Tgt Ion:114 Resp: 529131

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.320 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007667.D

Acq: 01 Mar 2022 14:51

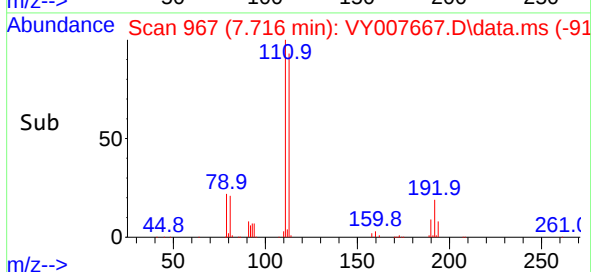
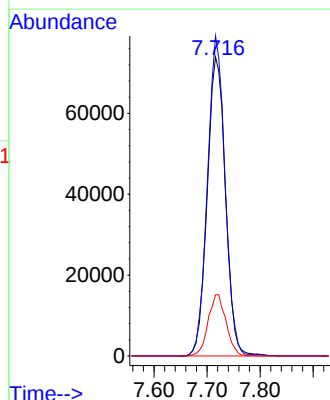
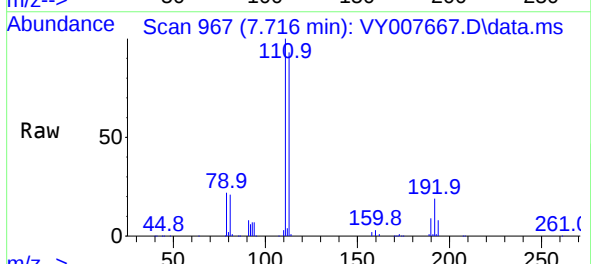
Tgt Ion:113 Resp: 176992

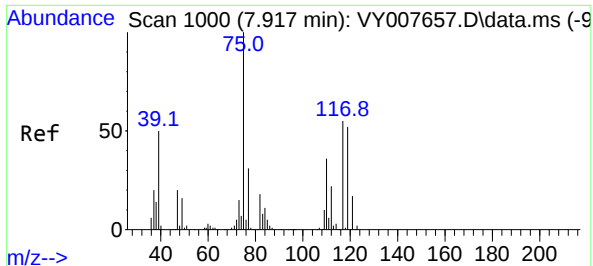
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 20.1 17.6 26.4

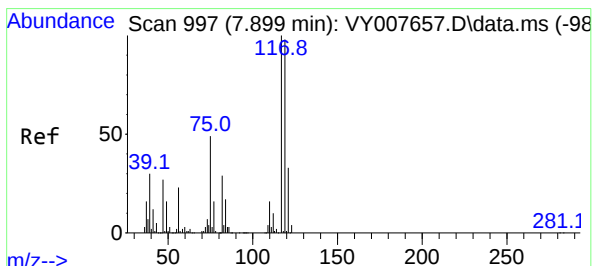
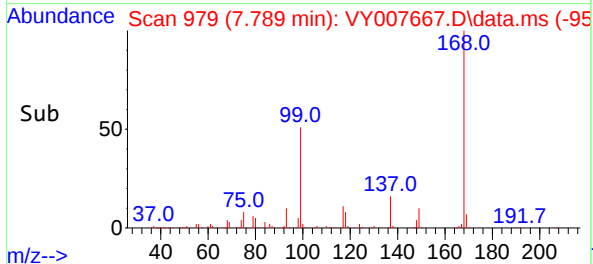
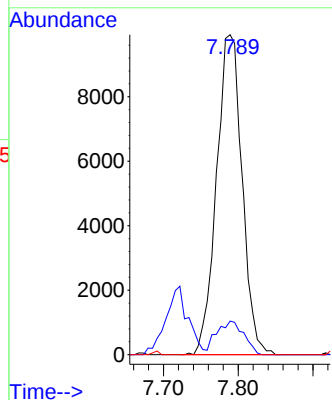
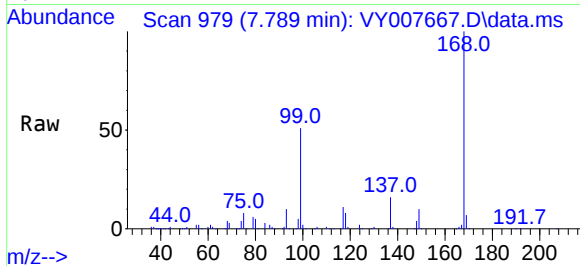




#36
1,1-Dichloropropene
Concen: 4.437 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY007667.D
Acq: 01 Mar 2022 14:51

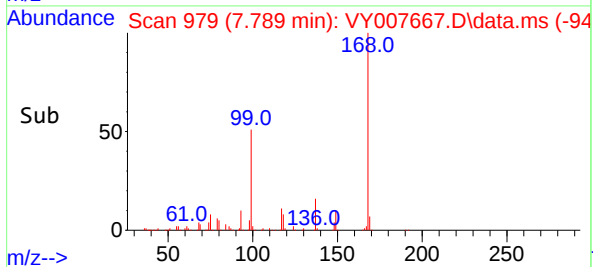
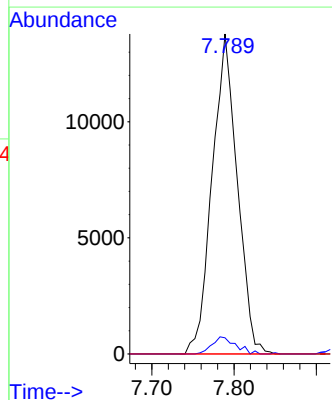
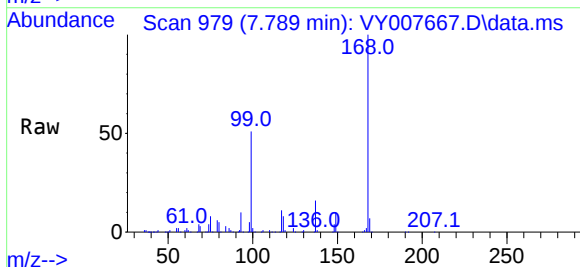
Instrument :
MSVOA_Y
ClientSampleId :
TT-148-IDWSO-20220228

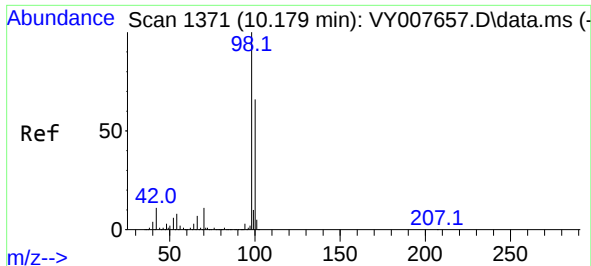
Tgt Ion: 75 Resp: 23611
Ion Ratio Lower Upper
75 100
110 11.1 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.144 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY007667.D
Acq: 01 Mar 2022 14:51

Tgt Ion: 117 Resp: 29203
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#

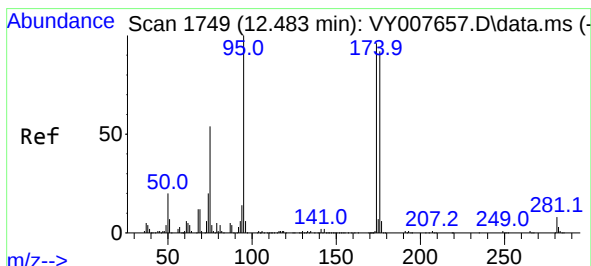
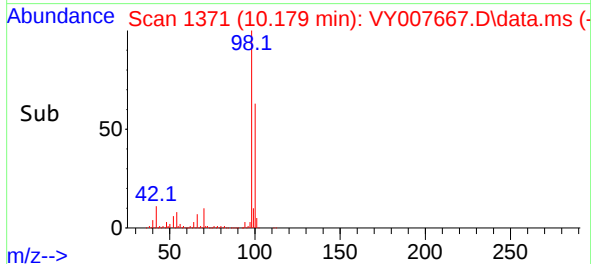
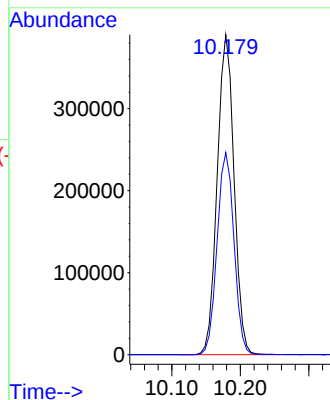
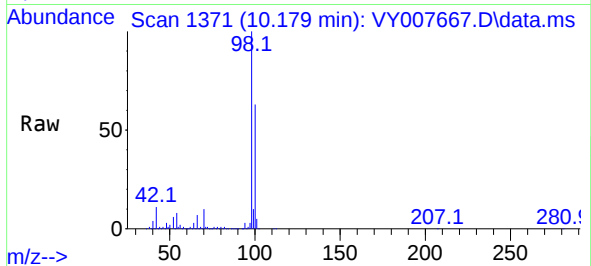




#50
Toluene-d8
Concen: 53.285 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007667.D
Acq: 01 Mar 2022 14:51

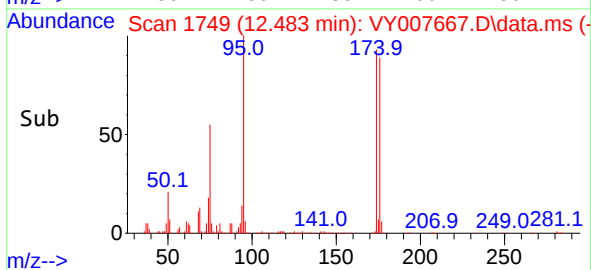
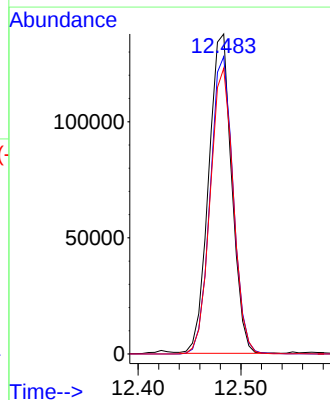
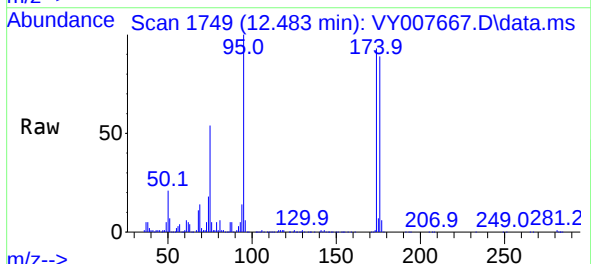
Instrument :
MSVOA_Y
ClientSampleId :
TT-148-IDWSO-20220228

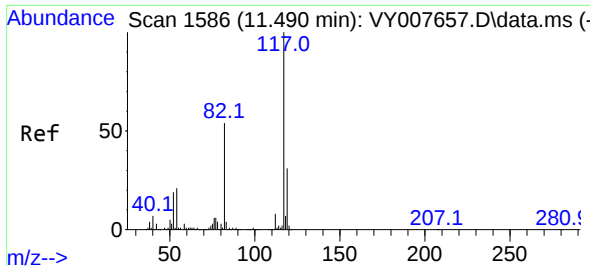
Tgt Ion: 98 Resp: 663539
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.352 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007667.D
Acq: 01 Mar 2022 14:51

Tgt Ion: 95 Resp: 214155
Ion Ratio Lower Upper
95 100
174 92.2 0.0 177.0
176 89.4 0.0 175.8

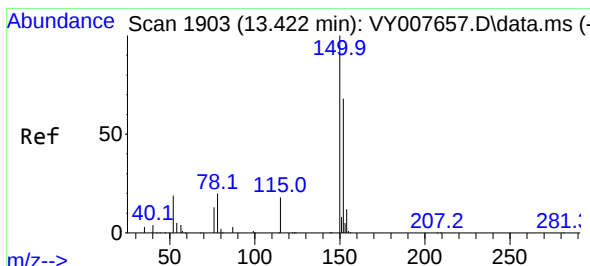
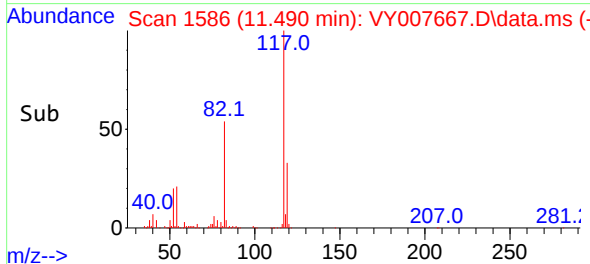
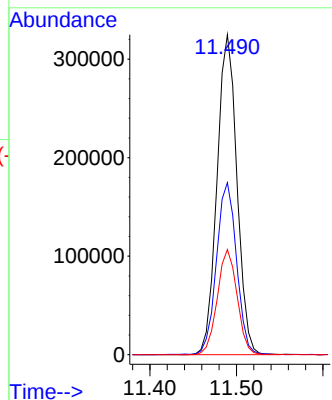
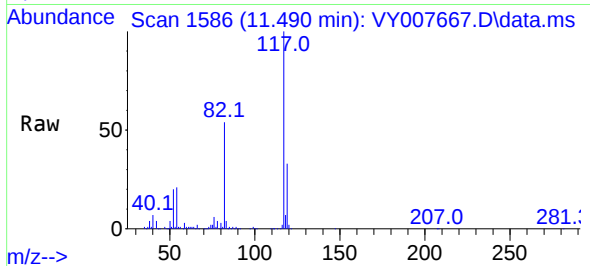




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007667.D
Acq: 01 Mar 2022 14:51

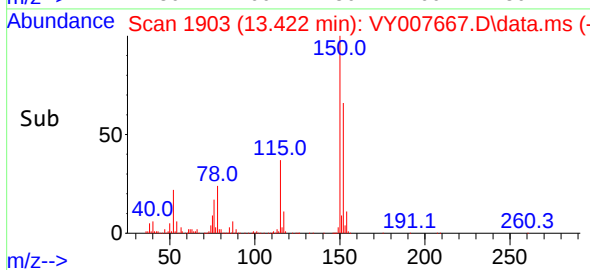
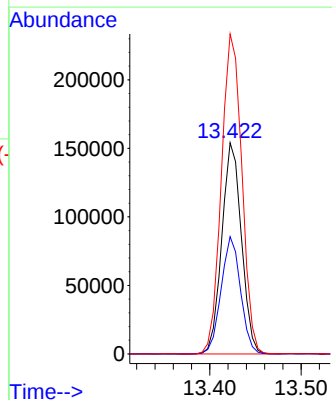
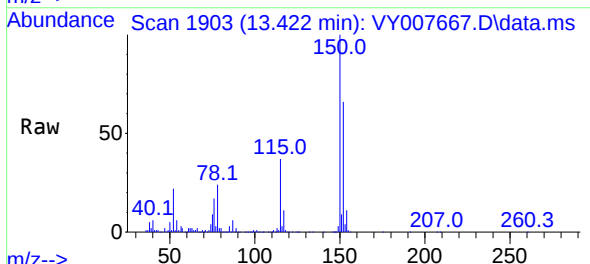
Instrument :
MSVOA_Y
ClientSampleId :
TT-148-IDWSO-20220228

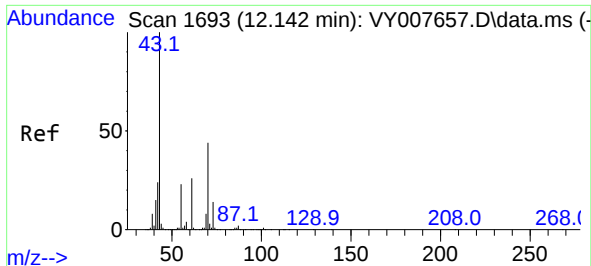
Tgt Ion:117	Resp: 519099
Ion Ratio	Lower Upper
117 100	
82 53.7	43.0 64.4
119 32.8	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007667.D
Acq: 01 Mar 2022 14:51

Tgt Ion:152	Resp: 230081
Ion Ratio	Lower Upper
152 100	
115 55.0	28.2 84.7
150 158.2	0.0 347.6

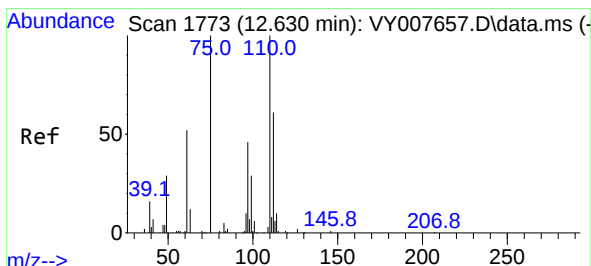
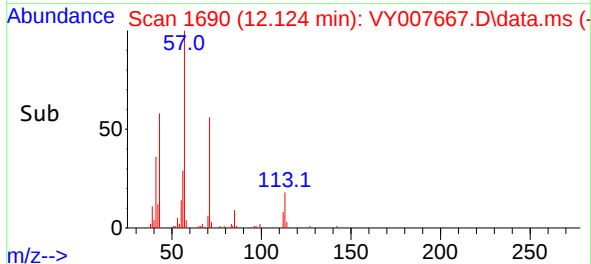
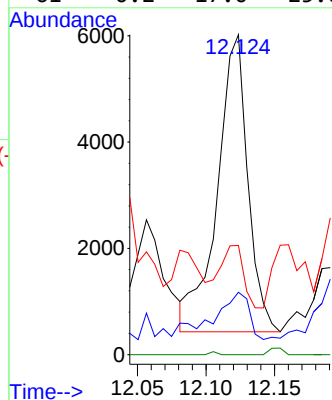
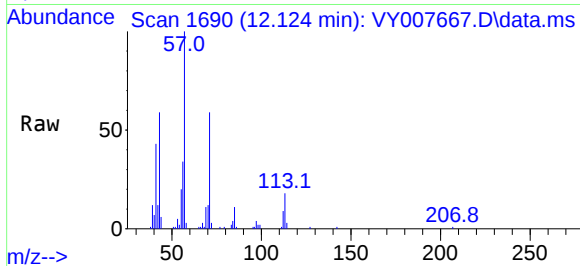




#74
N-amy1 acetate
Concen: 1.817 ug/l
RT: 12.124 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY007667.D
Acq: 01 Mar 2022 14:51

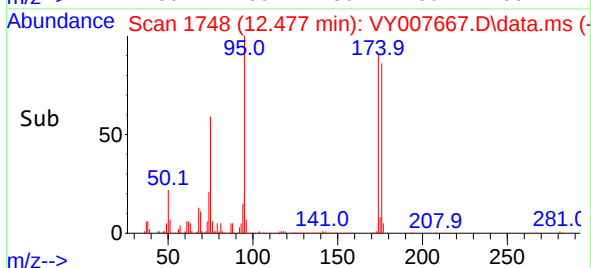
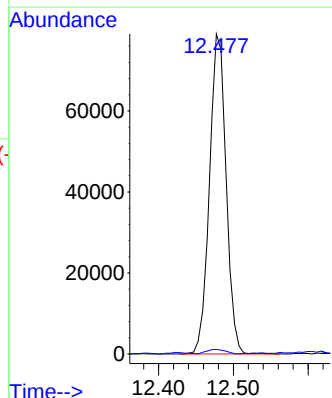
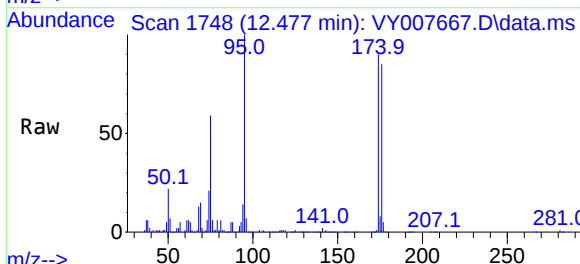
Instrument :
MSVOA_Y
ClientSampleId :
TT-148-IDWSO-20220228

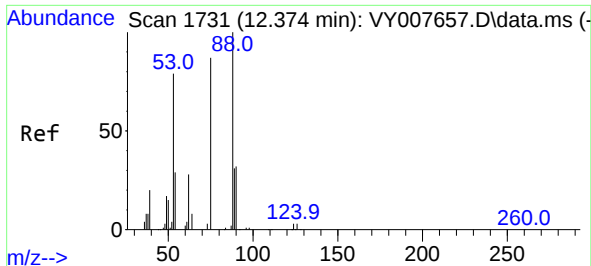
Tgt Ion: 43	Resp: 8668
Ion Ratio	Lower Upper
43 100	
70 15.5	28.7 43.1#
55 14.6	17.3 25.9#
61 0.2	17.0 25.6#



#76
1,2,3-Trichloropropane
Concen: 47.585 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY007667.D
Acq: 01 Mar 2022 14:51

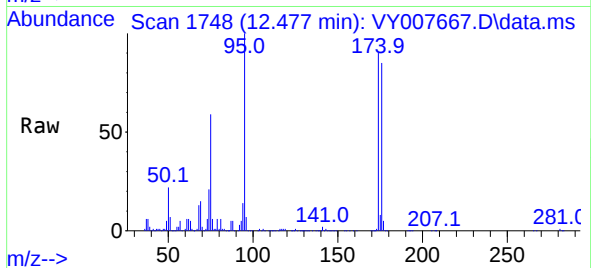
Tgt Ion: 75	Resp: 122268
Ion Ratio	Lower Upper
75 100	
77 1.6	0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.282 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY007667.D
 Acq: 01 Mar 2022 14:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-148-IDWSO-20220228



Tgt Ion: 75 Resp: 122268
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.1 37.0 55.4#

