

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
 Data File : VY008759.D
 Acq On : 13 May 2022 19:09
 Operator : KP/MD
 Sample : N2802-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SHALLOW-WC-1

Quant Time: May 16 05:55:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 13 02:08:33 2022
 Response via : Initial Calibration

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

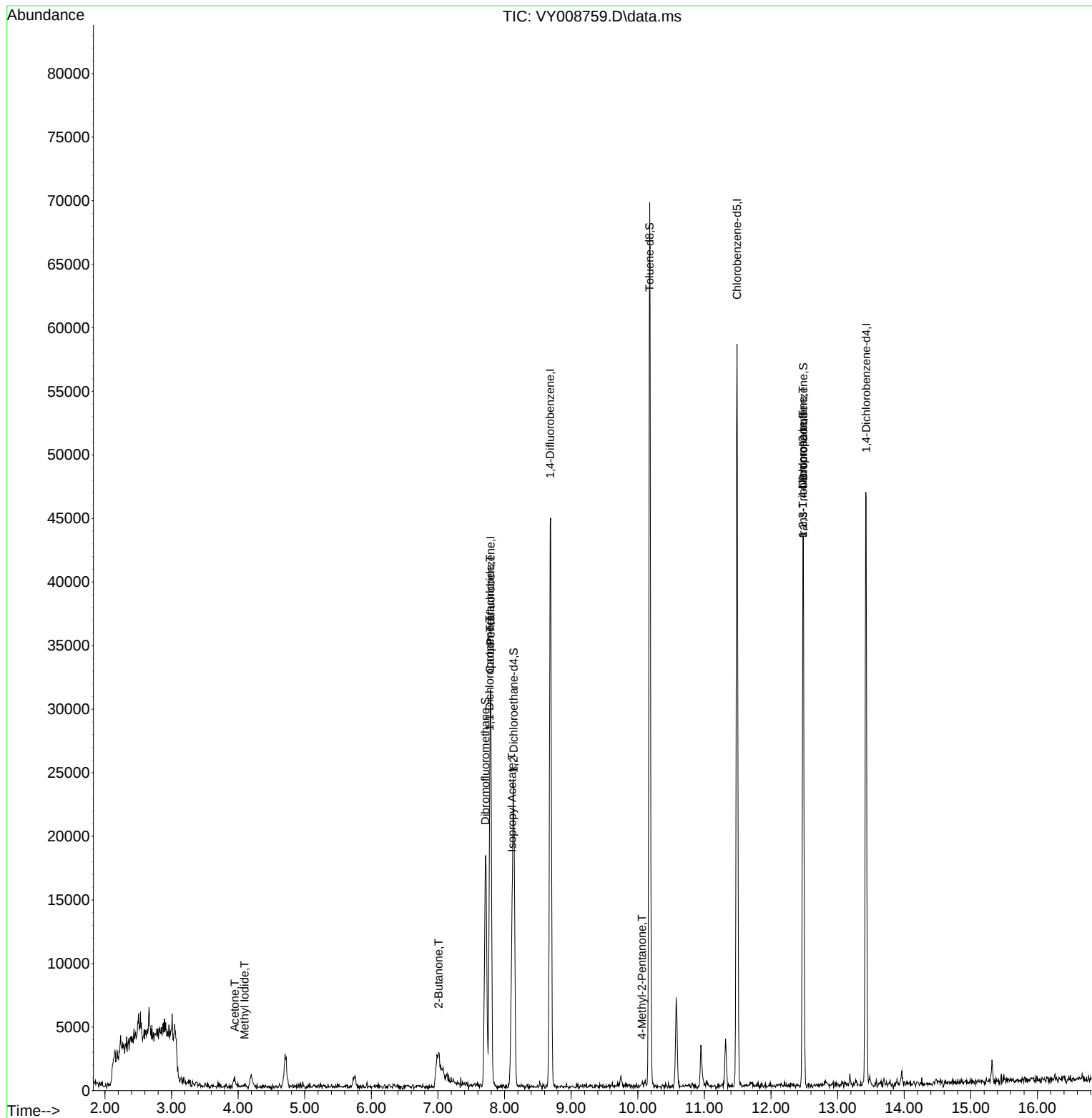
Internal Standards						
1) Pentafluorobenzene	7.789	168	23616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	38733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	31712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	13134	55.844	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.680%	
35) Dibromofluoromethane	7.710	113	12549	53.981	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.960%	
50) Toluene-d8	10.179	98	45148	51.497	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.000%	
62) 4-Bromofluorobenzene	12.483	95	11142	36.682	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 73.360%	
Target Compounds						Qvalue
3) Chloromethane	2.119	50	292	Below Cal	#	41
4) Vinyl Chloride	2.253	62	165	Below Cal	#	41
5) Bromomethane	2.668	94	1128	Below Cal	#	62
6) Chloroethane	2.778	64	22	Below Cal	#	42
10) Methyl Iodide	4.095	142	248	1.491	ug/l #	40
16) Acetone	3.948	43	1148	18.368	ug/l #	67
18) Methyl Acetate	4.454	43	20	Below Cal	#	49
20) Methylene Chloride	4.704	84	1793	Below Cal	#	81
25) 2-Butanone	7.009	43	225	2.697	ug/l #	43
31) Cyclohexane	7.783	56	676	Below Cal	#	45
36) 1,1-Dichloropropene	7.777	75	2467	6.637	ug/l #	45
38) Carbon Tetrachloride	7.783	117	2699	6.881	ug/l #	20
43) Isopropyl Acetate	8.112	43	417	1.176	ug/l #	1
51) 4-Methyl-2-Pentanone	10.063	43	340	1.789	ug/l #	81
76) 1,2,3-Trichloropropane	12.477	75	6644	56.938	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	6644	109.998	ug/l #	16

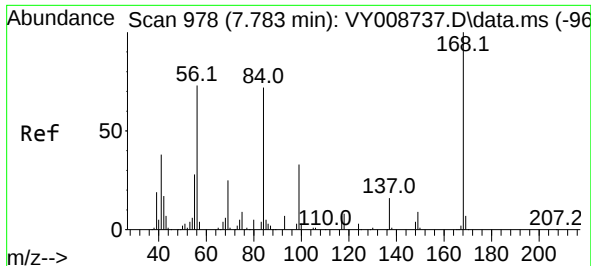
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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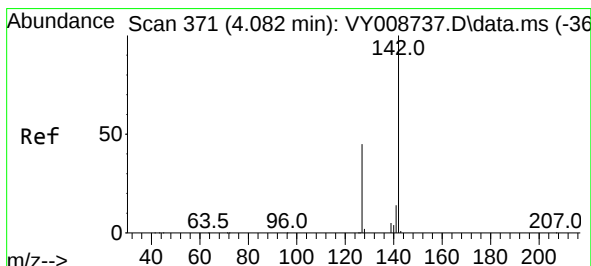
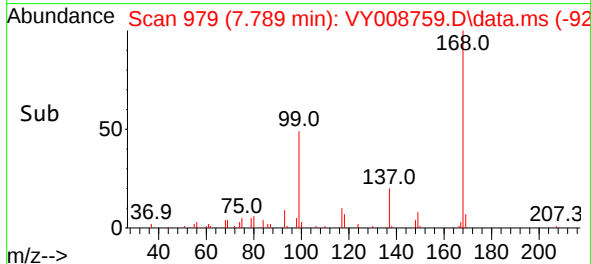
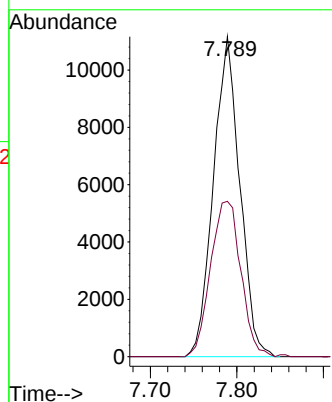
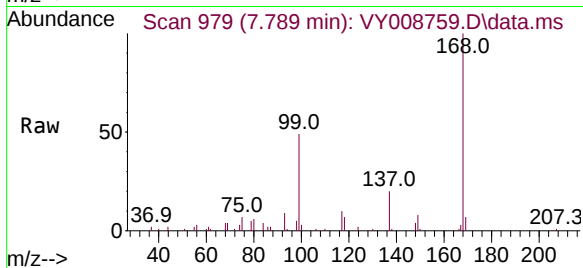




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008759.D
Acq: 13 May 2022 19:09

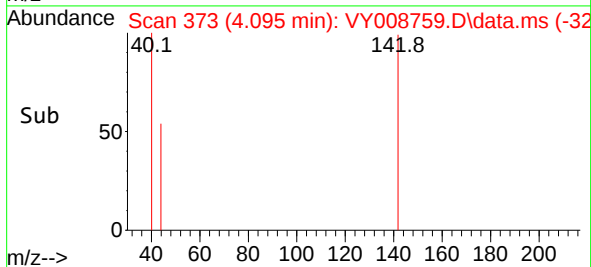
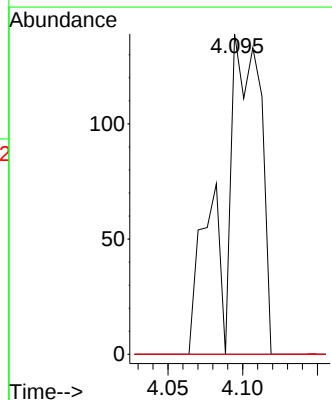
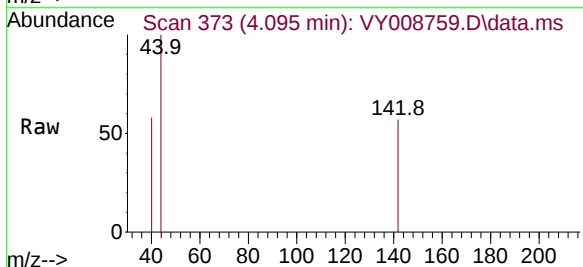
Instrument :
MSVOA_Y
ClientSampleId :
SHALLOW-WC-1

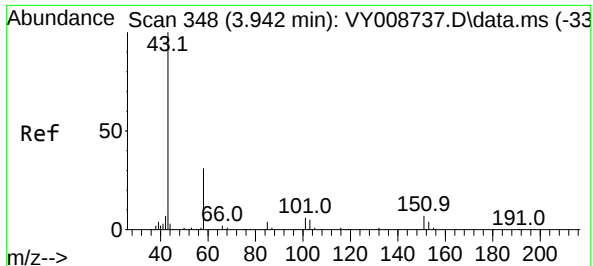
Tgt Ion:168 Resp: 23616
Ion Ratio Lower Upper
168 100
99 48.5 42.3 63.5



#10
Methyl Iodide
Concen: 1.491 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.013 min
Lab File: VY008759.D
Acq: 13 May 2022 19:09

Tgt Ion:142 Resp: 248
Ion Ratio Lower Upper
142 100
127 0.0 35.4 53.0#
141 0.0 11.7 17.5#

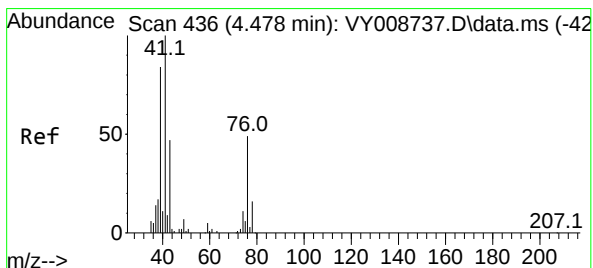
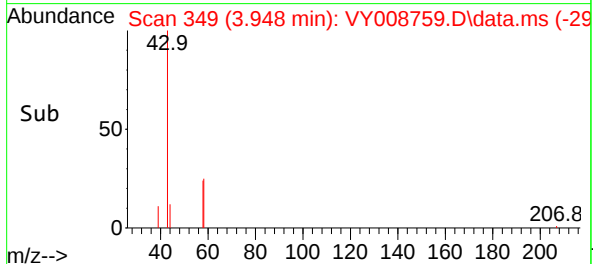
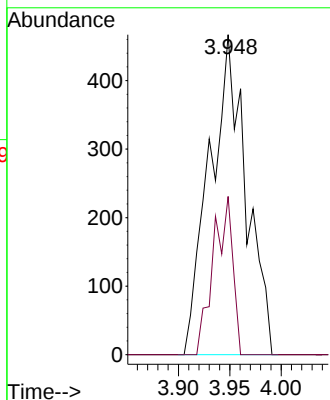
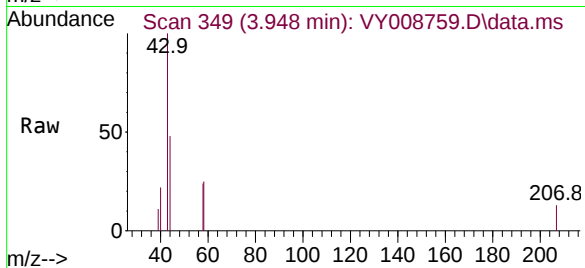




#16
Acetone
Concen: 18.368 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY008759.D
Acq: 13 May 2022 19:09

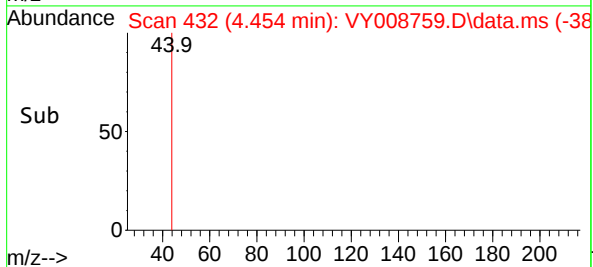
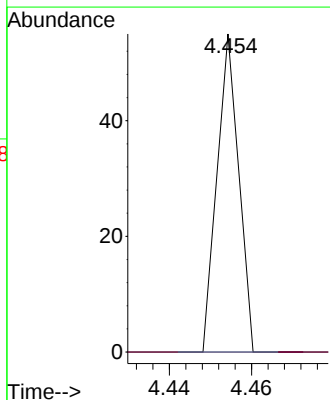
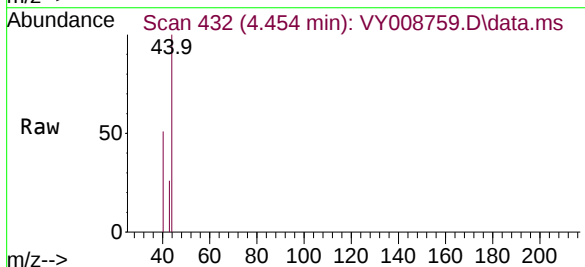
Instrument :
MSVOA_Y
ClientSampleId :
SHALLOW-WC-1

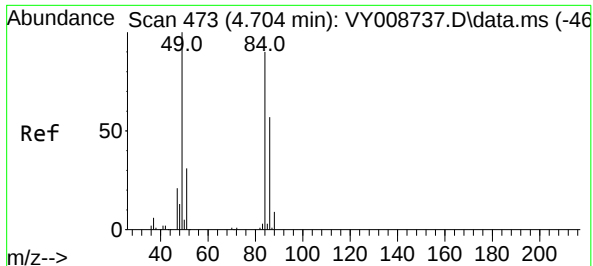
Tgt Ion: 43 Resp: 1148
Ion Ratio Lower Upper
43 100
58 49.5 25.1 37.7#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.454 min Scan# 432
Delta R.T. -0.024 min
Lab File: VY008759.D
Acq: 13 May 2022 19:09

Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
74 0.0 20.6 31.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY008759.D

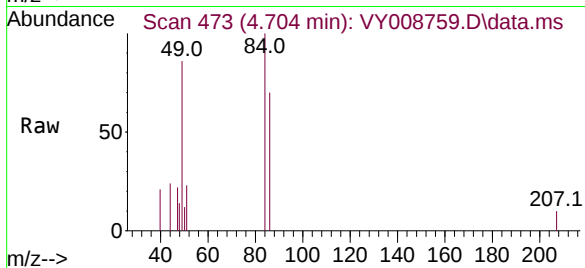
Acq: 13 May 2022 19:09

Instrument :

MSVOA_Y

ClientSampleId :

SHALLOW-WC-1



Tgt Ion: 84 Resp: 1793

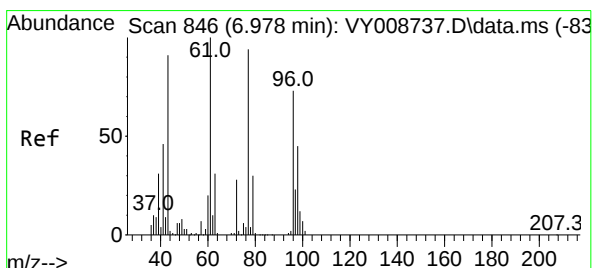
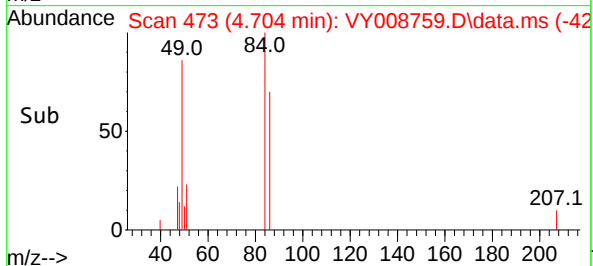
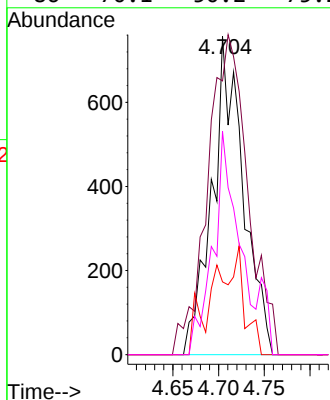
Ion Ratio Lower Upper

84 100

49 86.0 88.6 133.0#

51 22.9 27.4 41.0#

86 70.1 50.2 75.2



#25

2-Butanone

Concen: 2.697 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.031 min

Lab File: VY008759.D

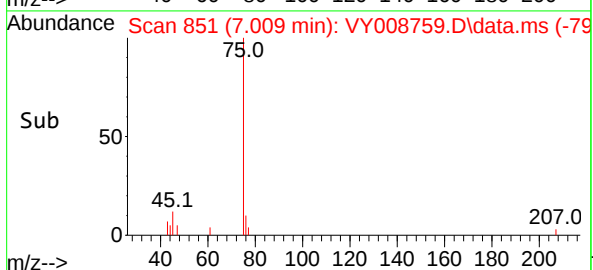
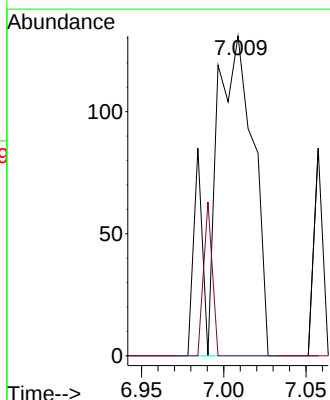
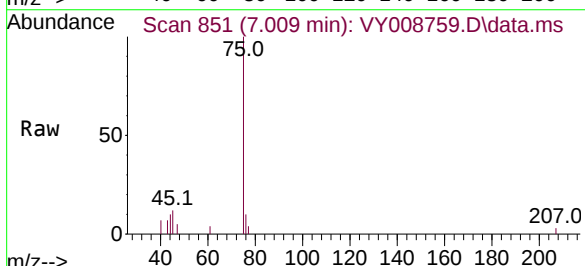
Acq: 13 May 2022 19:09

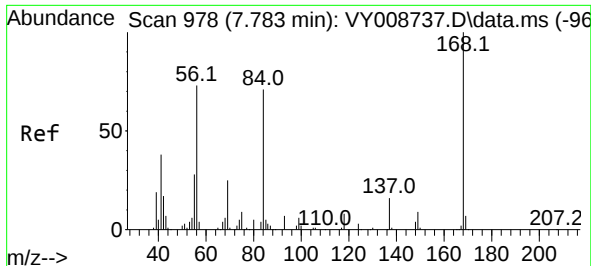
Tgt Ion: 43 Resp: 225

Ion Ratio Lower Upper

43 100

72 0.0 25.0 37.4#

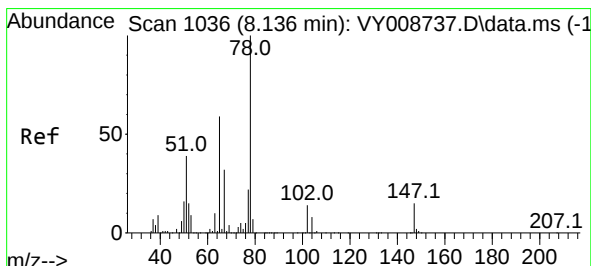
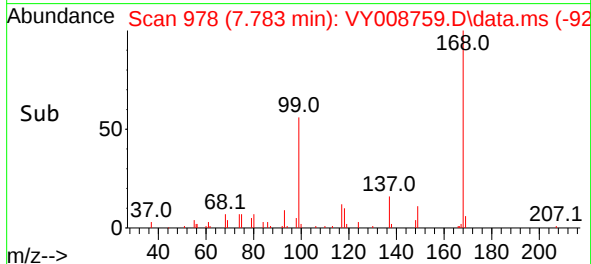
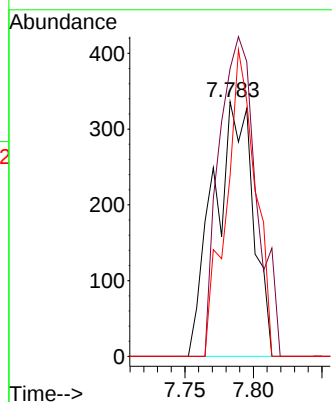
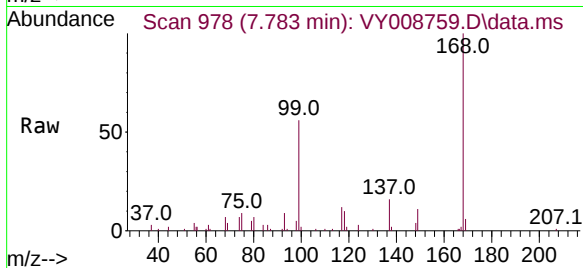




#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008759.D
Acq: 13 May 2022 19:09

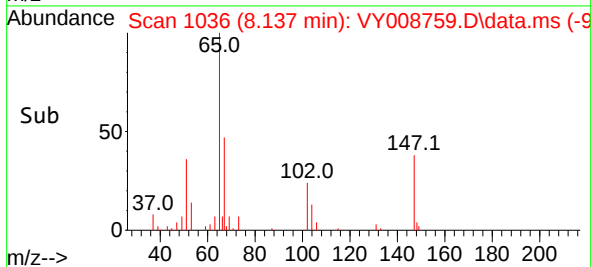
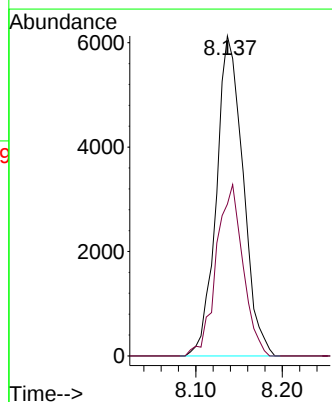
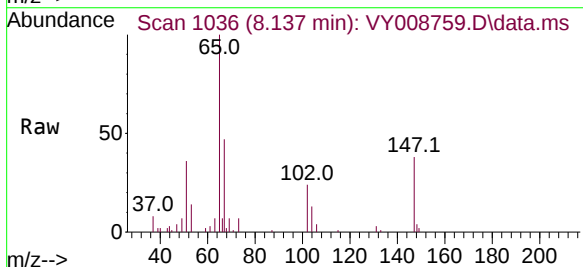
Instrument :
MSVOA_Y
ClientSampleId :
SHALLOW-WC-1

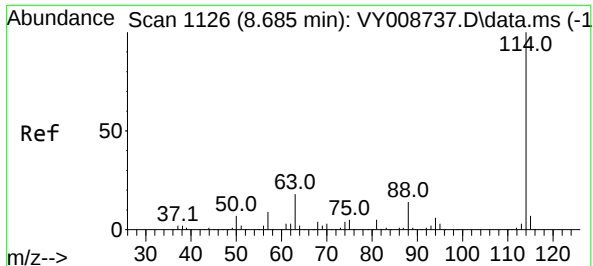
Tgt Ion: 56 Resp: 676
Ion Ratio Lower Upper
56 100
69 113.1 27.4 41.0#
84 71.1 77.5 116.3#



#33
1,2-Dichloroethane-d4
Concen: 55.844 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008759.D
Acq: 13 May 2022 19:09

Tgt Ion: 65 Resp: 13134
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY008759.D

Acq: 13 May 2022 19:09

Instrument :

MSVOA_Y

ClientSampleId :

SHALLOW-WC-1

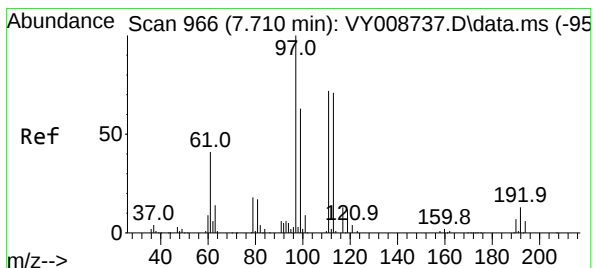
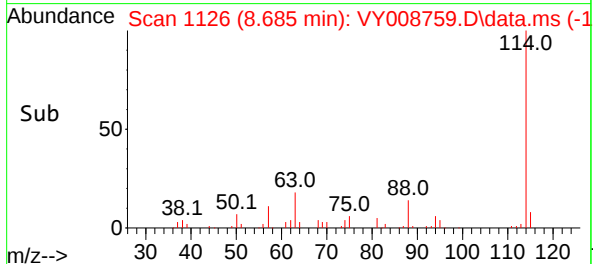
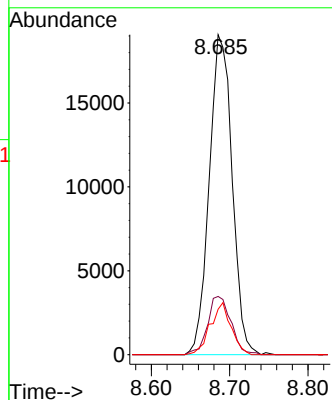
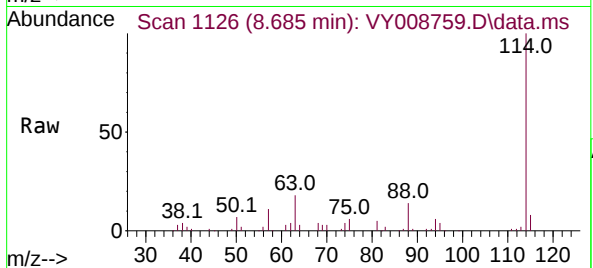
Tgt Ion:114 Resp: 38733

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.4

88 14.2 0.0 27.4



#35

Dibromofluoromethane

Concen: 53.981 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY008759.D

Acq: 13 May 2022 19:09

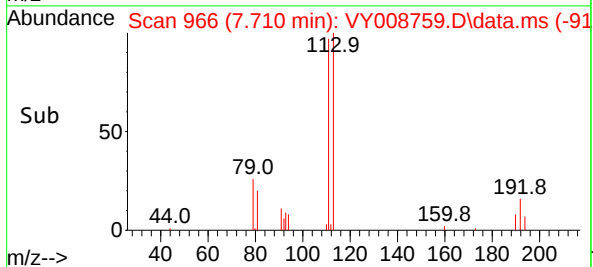
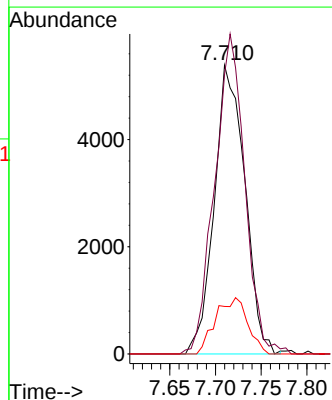
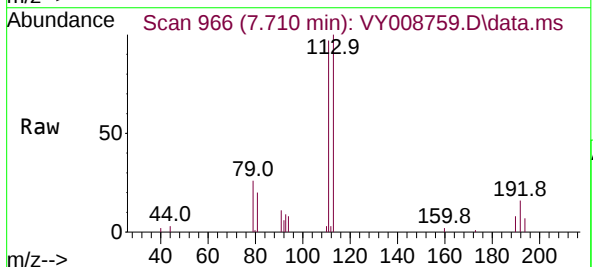
Tgt Ion:113 Resp: 12549

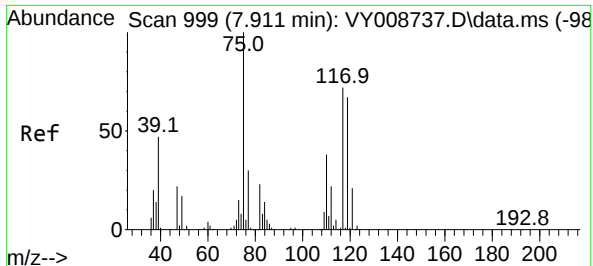
Ion Ratio Lower Upper

113 100

111 108.7 81.8 122.6

192 20.4 14.5 21.7





#36

1,1-Dichloropropene

Concen: 6.637 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY008759.D

Acq: 13 May 2022 19:09

Instrument :

MSVOA_Y

ClientSampleId :

SHALLOW-WC-1

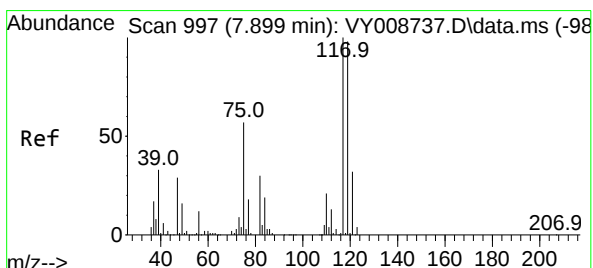
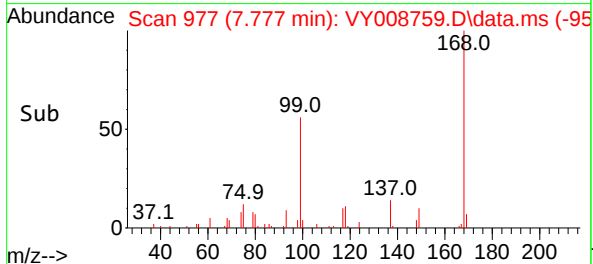
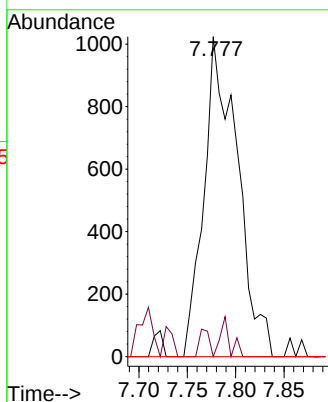
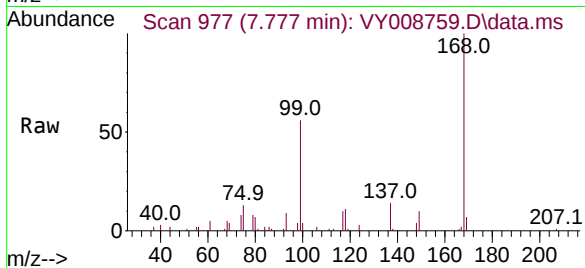
Tgt Ion: 75 Resp: 2467

Ion Ratio Lower Upper

75 100

110 3.6 18.1 54.1#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.881 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY008759.D

Acq: 13 May 2022 19:09

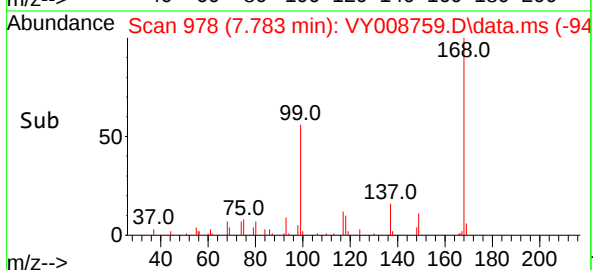
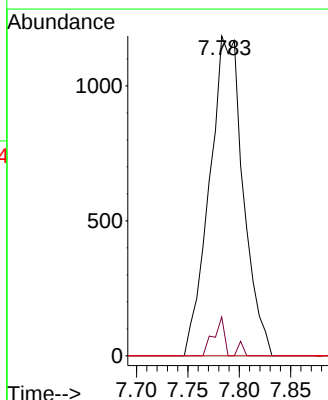
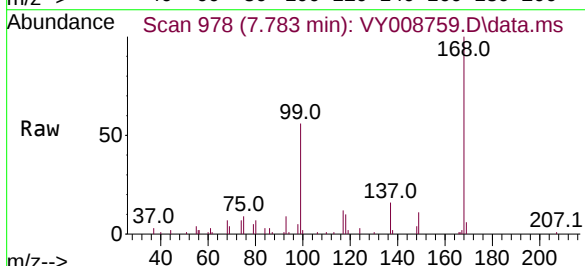
Tgt Ion: 117 Resp: 2699

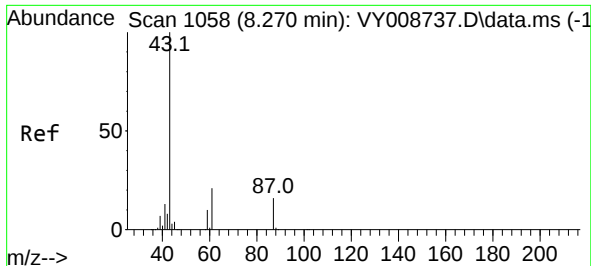
Ion Ratio Lower Upper

117 100

119 12.2 78.5 117.7#

121 0.0 25.8 38.8#

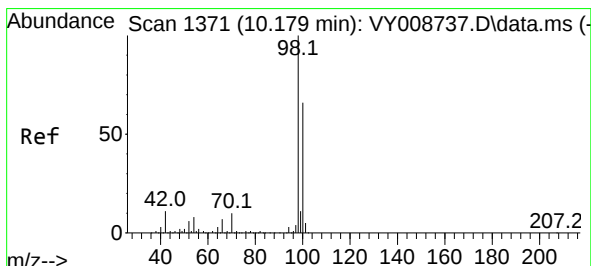
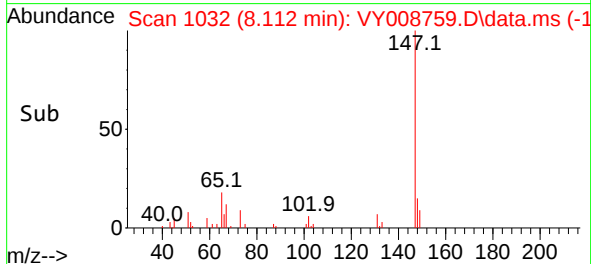
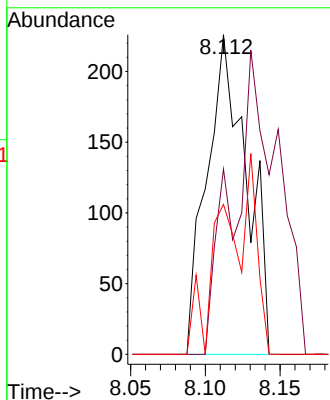
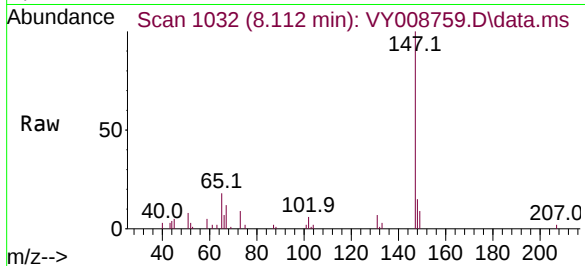




#43
Isopropyl Acetate
Concen: 1.176 ug/l
RT: 8.112 min Scan# 1032
Delta R.T. -0.158 min
Lab File: VY008759.D
Acq: 13 May 2022 19:09

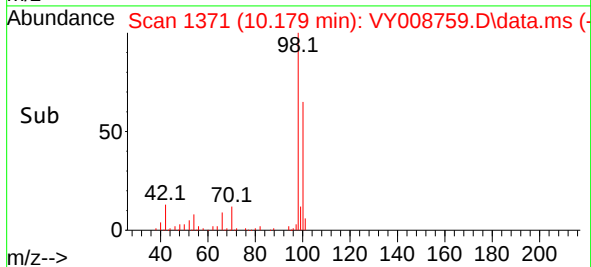
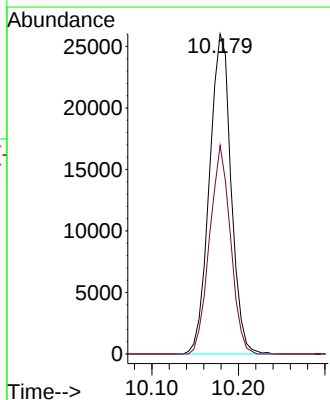
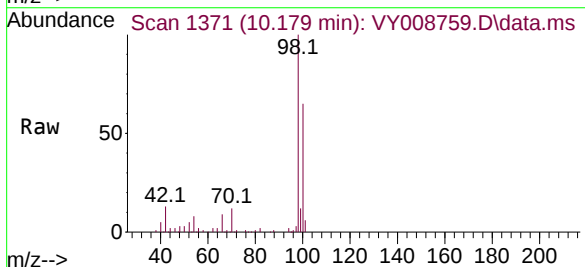
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SHALLOW-WC-1

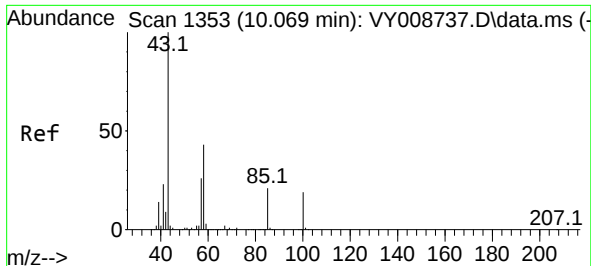
Tgt Ion: 43 Resp: 417
Ion Ratio Lower Upper
43 100
61 107.2 24.6 36.8#
87 35.0 11.8 17.8#



#50
Toluene-d8
Concen: 51.497 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008759.D
Acq: 13 May 2022 19:09

Tgt Ion: 98 Resp: 45148
Ion Ratio Lower Upper
98 100
100 62.9 52.8 79.2

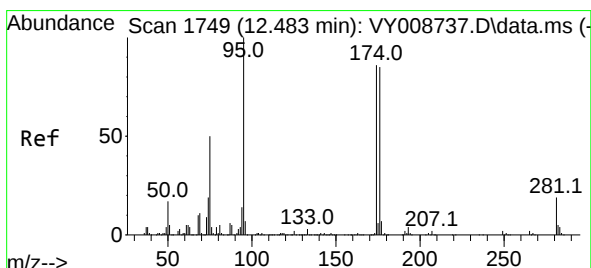
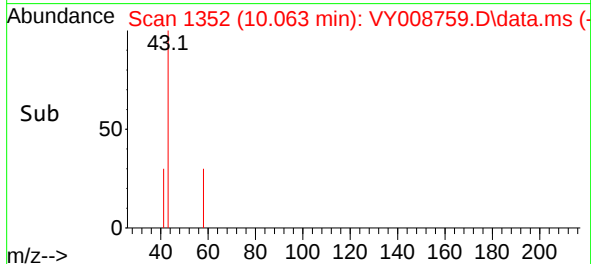
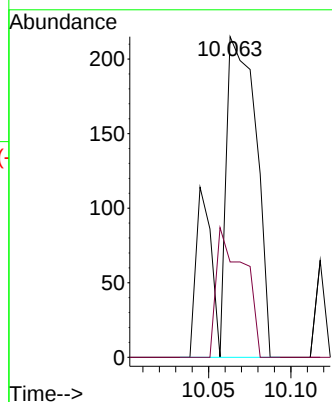
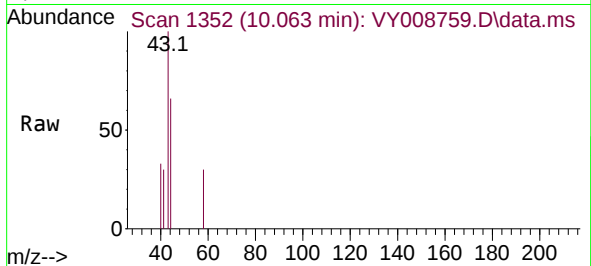




#51
4-Methyl-2-Pentanone
Concen: 1.789 ug/l
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008759.D
Acq: 13 May 2022 19:09

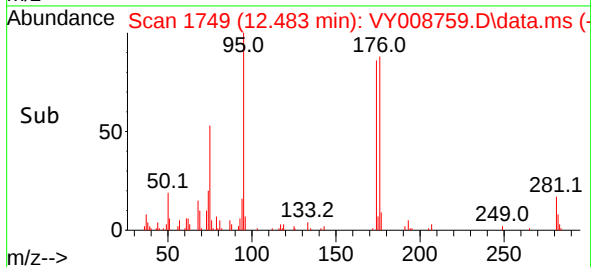
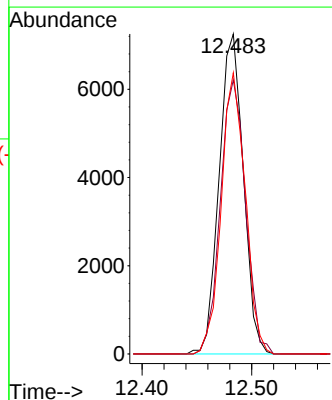
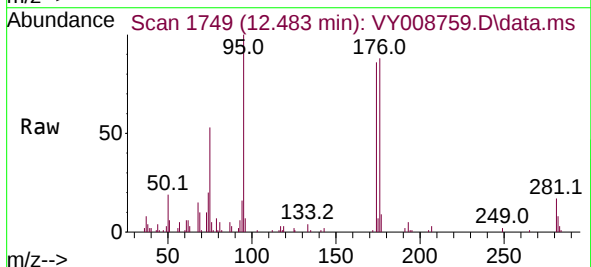
Instrument :
MSVOA_Y
ClientSampleId :
SHALLOW-WC-1

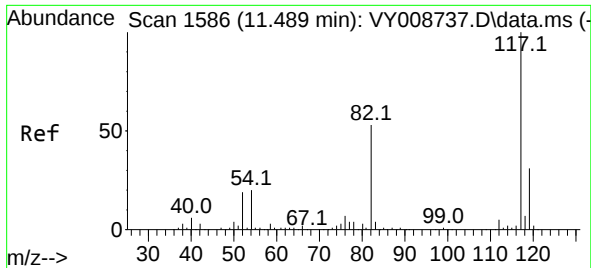
Tgt Ion: 43 Resp: 340
Ion Ratio Lower Upper
43 100
58 29.7 33.6 50.4#



#62
4-Bromofluorobenzene
Concen: 36.682 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008759.D
Acq: 13 May 2022 19:09

Tgt Ion: 95 Resp: 11142
Ion Ratio Lower Upper
95 100
174 88.9 0.0 171.2
176 87.0 0.0 168.8

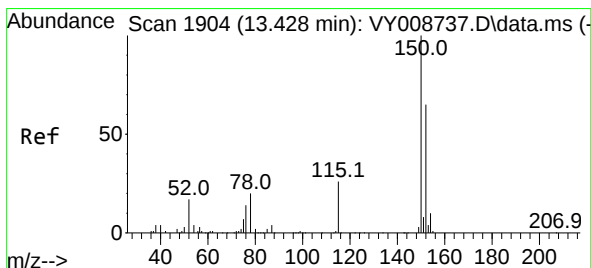
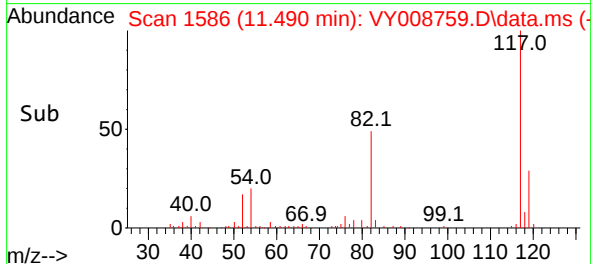
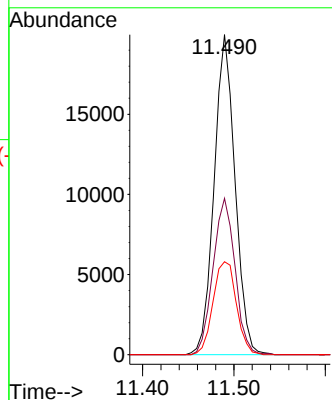
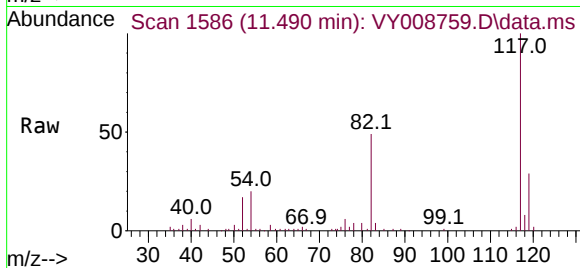




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008759.D
Acq: 13 May 2022 19:09

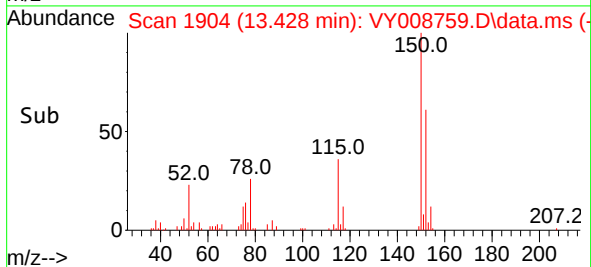
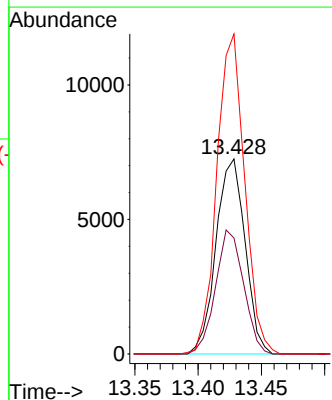
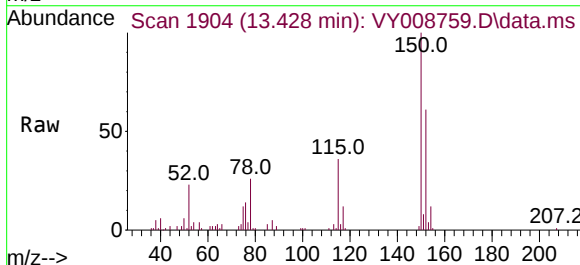
Instrument :
MSVOA_Y
ClientSampleId :
SHALLOW-WC-1

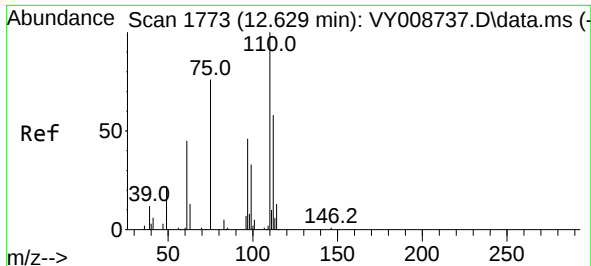
Tgt Ion:117 Resp: 31712
Ion Ratio Lower Upper
117 100
82 48.9 42.3 63.5
119 29.1 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008759.D
Acq: 13 May 2022 19:09

Tgt Ion:152 Resp: 11596
Ion Ratio Lower Upper
152 100
115 61.3 28.2 84.7
150 156.7 0.0 348.2

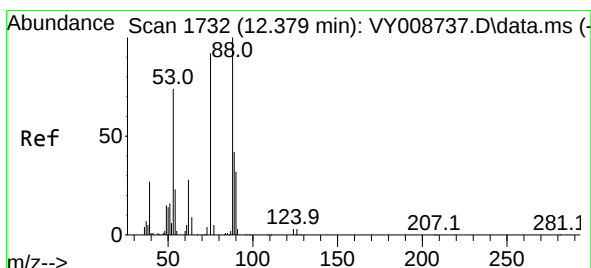
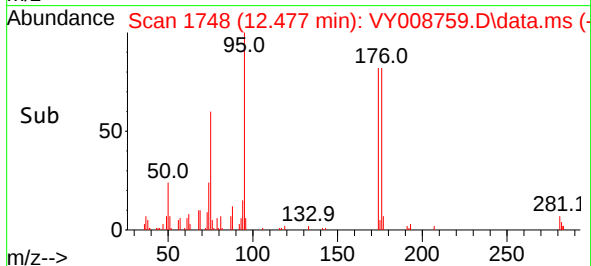
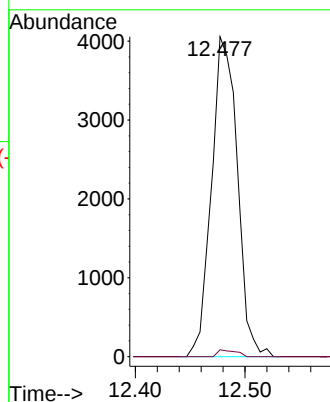
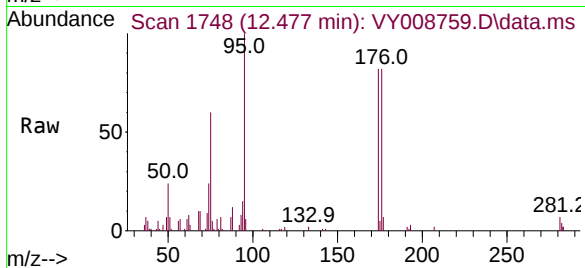




#76
1,2,3-Trichloropropane
Concen: 56.938 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY008759.D
Acq: 13 May 2022 19:09

Instrument :
MSVOA_Y
ClientSampleId :
SHALLOW-WC-1

Tgt Ion: 75 Resp: 6644
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.998 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY008759.D
Acq: 13 May 2022 19:09

Tgt Ion: 75 Resp: 6644
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.0 36.8 55.2#

