

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006754.D
 Acq On : 16 Nov 2021 12:17
 Operator : SY/MD
 Sample : M4687-02
 Misc : 6.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VWE-B35-111221-0-1

Quant Time: Nov 16 15:57:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 15 14:30:31 2021
 Response via : Initial Calibration

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

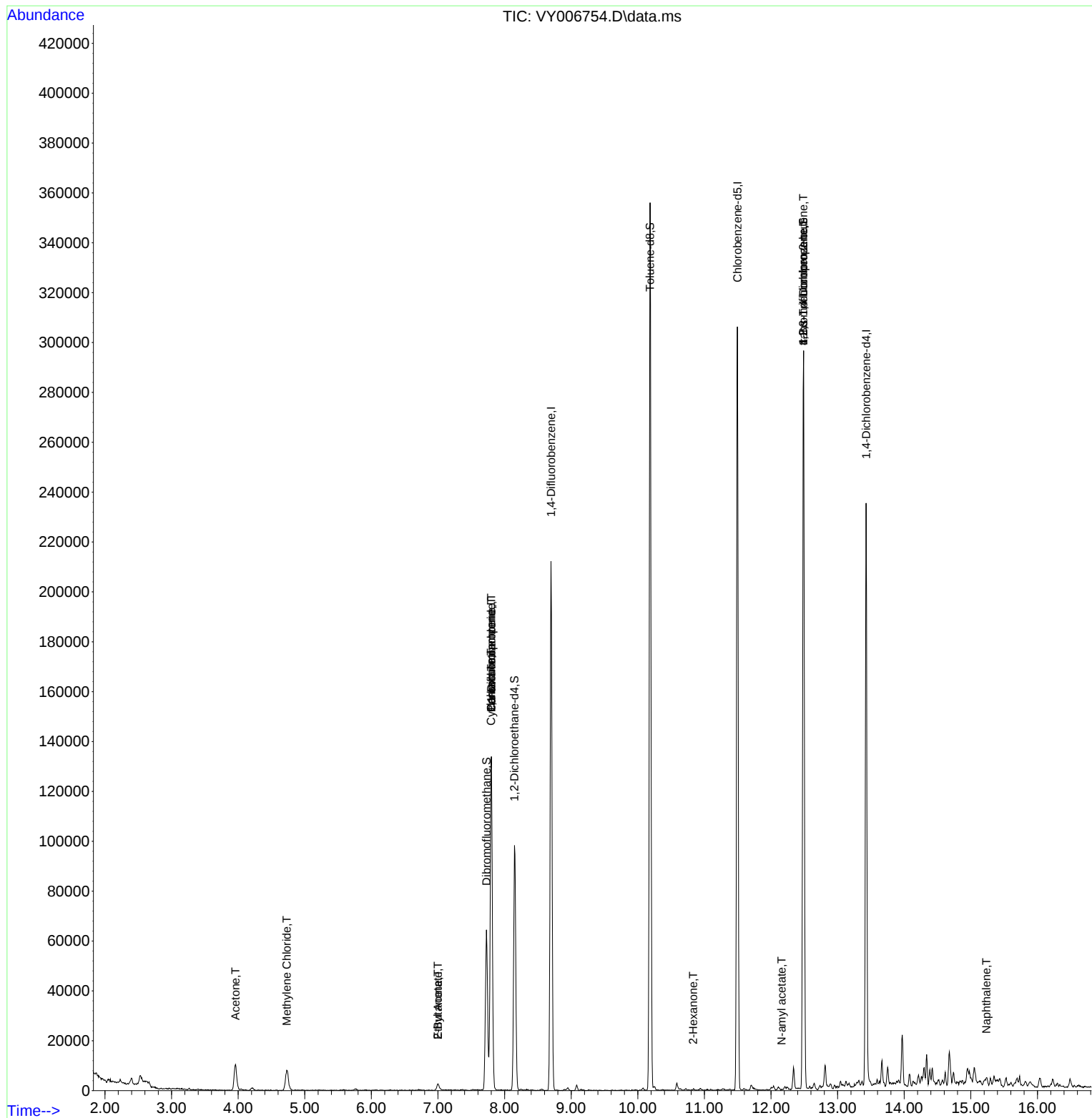
Internal Standards						
1) Pentafluorobenzene	7.801	168	99714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	172876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	153520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	54097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79897	61.136	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.280%	
35) Dibromofluoromethane	7.728	113	41768	39.334	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 78.660%	
50) Toluene-d8	10.185	98	217763	49.557	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.120%	
62) 4-Bromofluorobenzene	12.483	95	62785	42.383	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.760%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	18654	46.980	ug/l	100
20) Methylene Chloride	4.729	84	5390	1.204	ug/l #	88
25) 2-Butanone	6.996	43	4333	18.660	ug/l	94
31) Cyclohexane	7.795	56	2596	1.130	ug/l #	31
36) 1,1-Dichloropropene	7.801	75	8747	4.655	ug/l #	50
37) Ethyl Acetate	6.996	43	4333	3.449	ug/l #	72
38) Carbon Tetrachloride	7.801	117	10249	5.332	ug/l #	15
59) 2-Hexanone	10.831	43	413	24.226	ug/l	98
74) N-amyl acetate	12.160	43	55	3.190	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	37502	107.642	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37502	126.343	ug/l #	7
95) Naphthalene	15.233	128	2189	1.123	ug/l	98

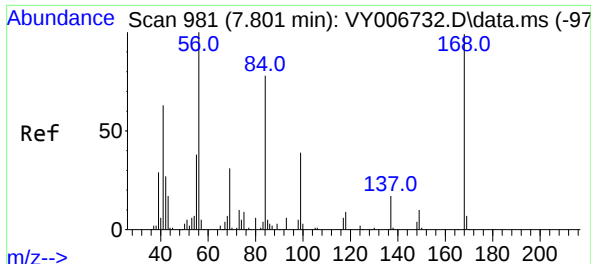
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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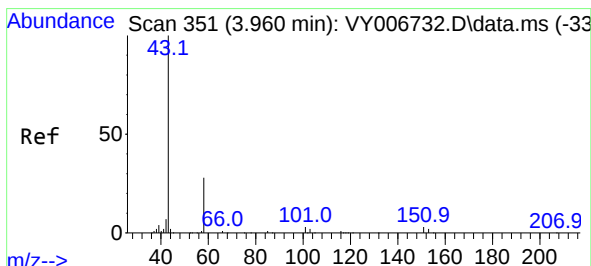
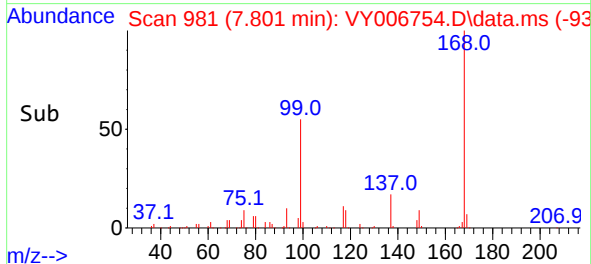
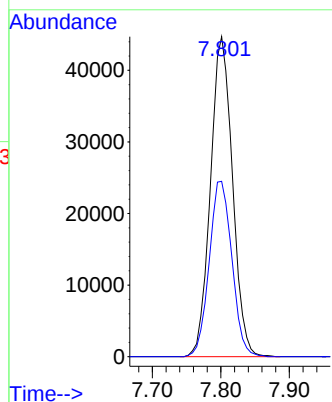
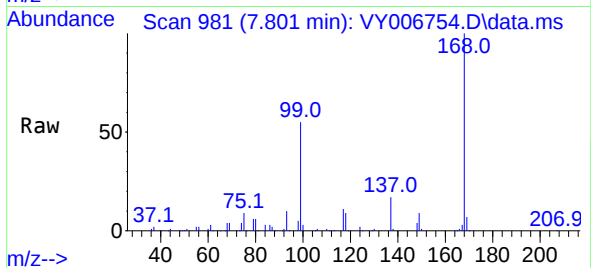




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006754.D
Acq: 16 Nov 2021 12:17

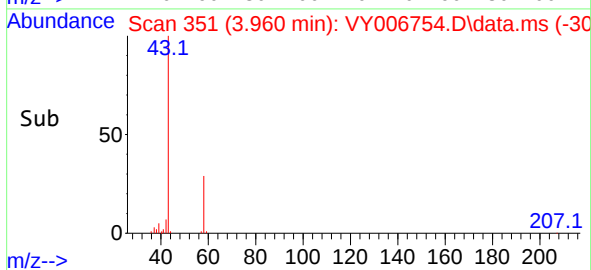
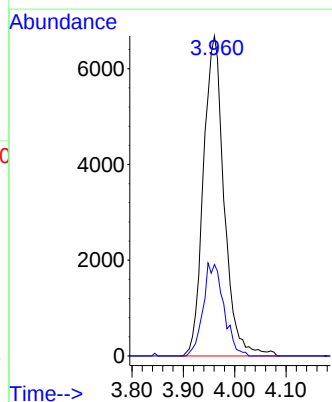
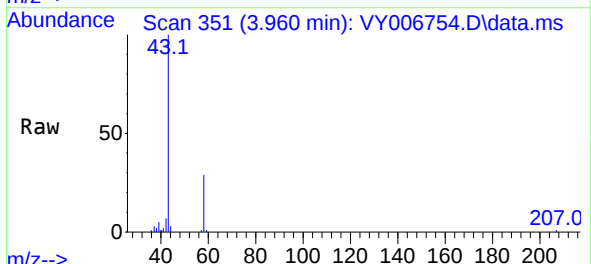
Instrument :
MSVOA_Y
ClientSampleId :
VWE-B35-111221-0-1

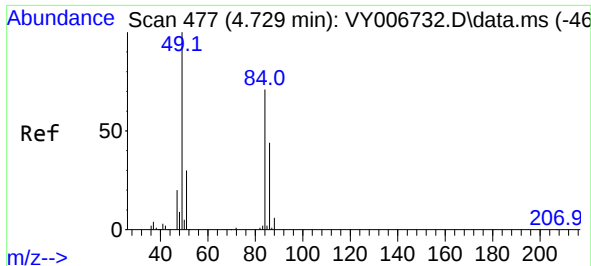
Tgt Ion:168 Resp: 99714
Ion Ratio Lower Upper
168 100
99 54.8 44.8 67.2



#16
Acetone
Concen: 46.980 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY006754.D
Acq: 16 Nov 2021 12:17

Tgt Ion: 43 Resp: 18654
Ion Ratio Lower Upper
43 100
58 28.6 22.9 34.3



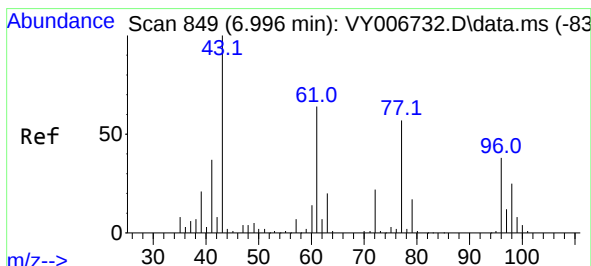
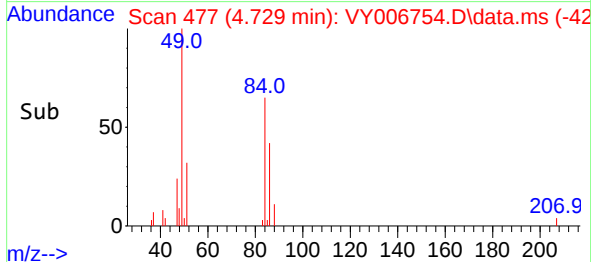
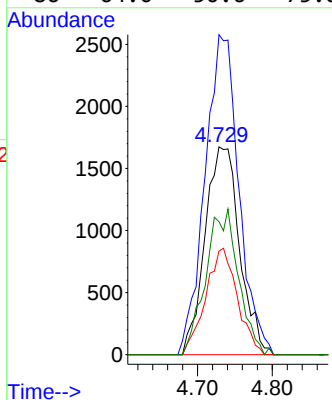
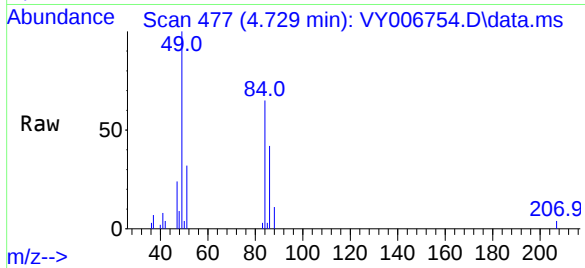


#20
Methylene Chloride
Concen: 1.204 ug/l
RT: 4.729 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY006754.D
Acq: 16 Nov 2021 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VWE-B35-111221-0-1

Tgt Ion: 84 Resp: 5390

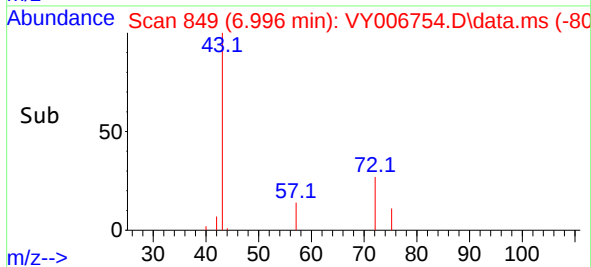
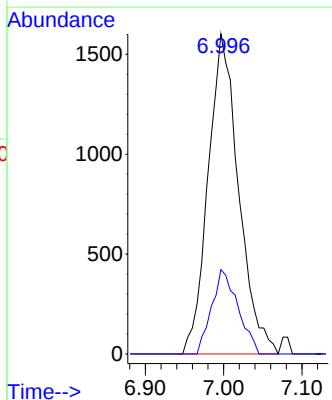
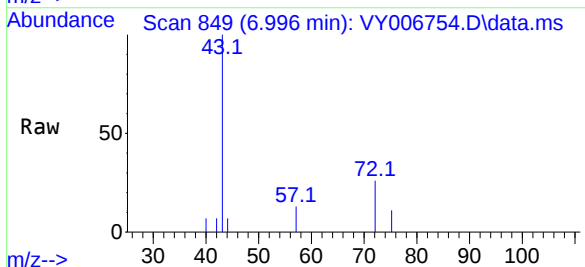
Ion	Ratio	Lower	Upper
84	100		
49	154.0	107.8	161.8
51	49.9	32.8	49.2#
86	64.0	50.6	75.8

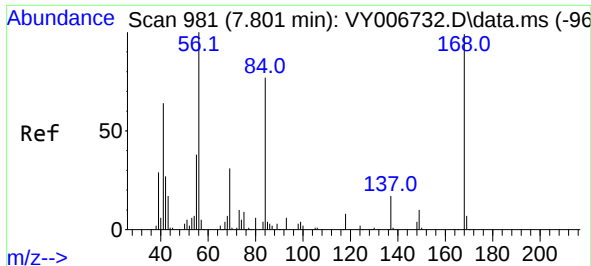


#25
2-Butanone
Concen: 18.660 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006754.D
Acq: 16 Nov 2021 12:17

Tgt Ion: 43 Resp: 4333

Ion	Ratio	Lower	Upper
43	100		
72	26.3	18.9	28.3

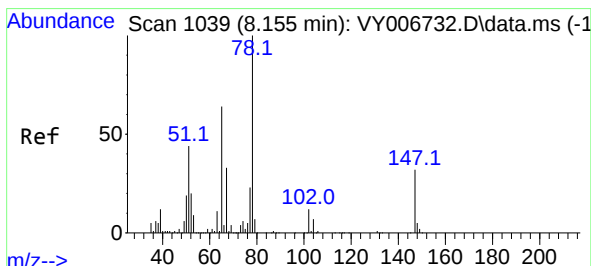
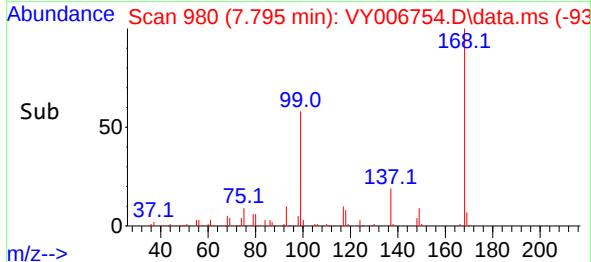
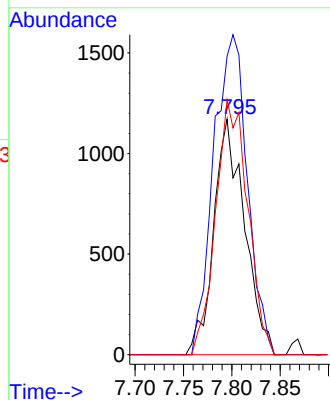
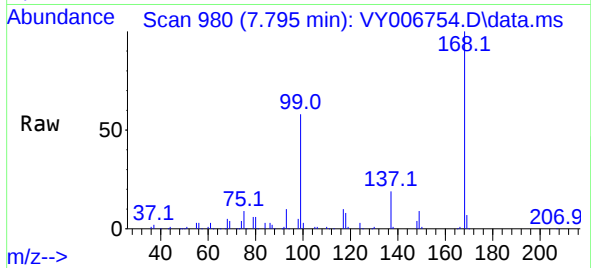




#31
Cyclohexane
Concen: 1.130 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006754.D
Acq: 16 Nov 2021 12:17

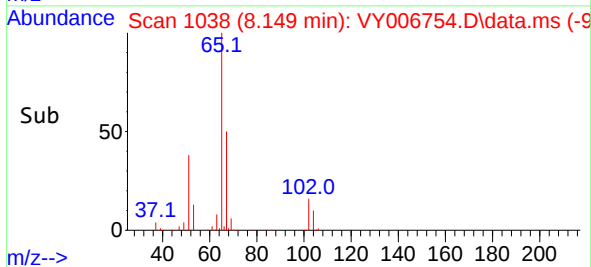
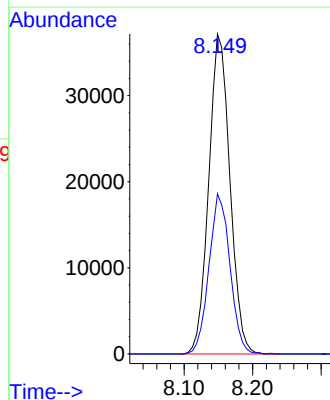
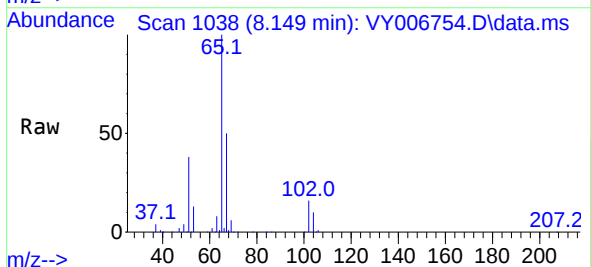
Instrument :
MSVOA_Y
ClientSampleId :
VWE-B35-111221-0-1

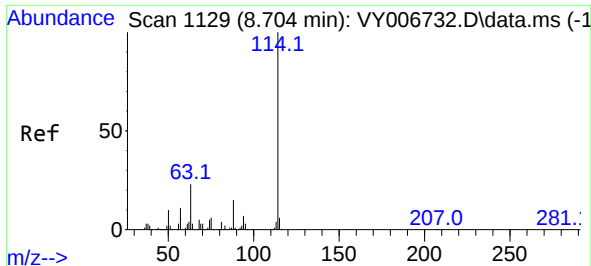
Tgt Ion: 56 Resp: 2596
Ion Ratio Lower Upper
56 100
69 126.7 26.6 40.0#
84 108.3 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 61.136 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006754.D
Acq: 16 Nov 2021 12:17

Tgt Ion: 65 Resp: 79897
Ion Ratio Lower Upper
65 100
67 49.6 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY006754.D

Acq: 16 Nov 2021 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VWE-B35-111221-0-1

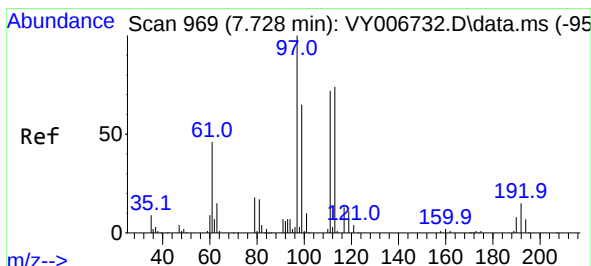
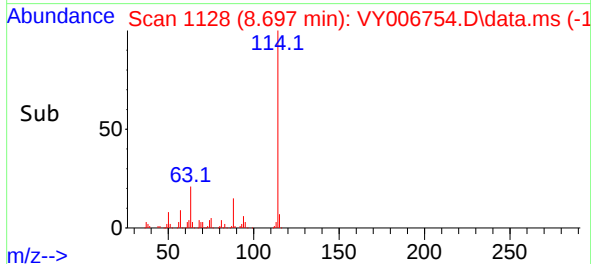
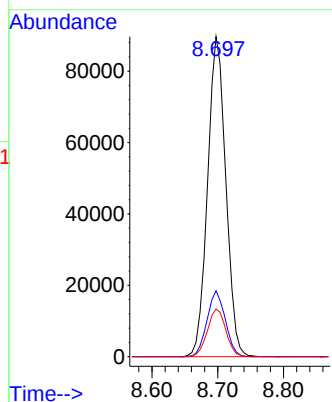
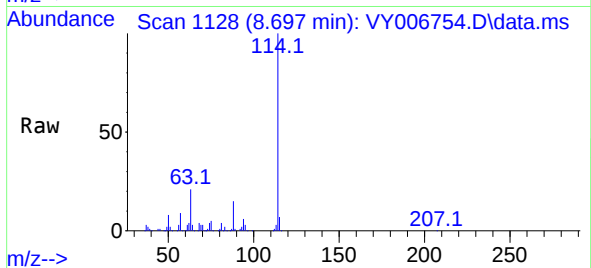
Tgt Ion:114 Resp: 172876

Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.0

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 39.334 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006754.D

Acq: 16 Nov 2021 12:17

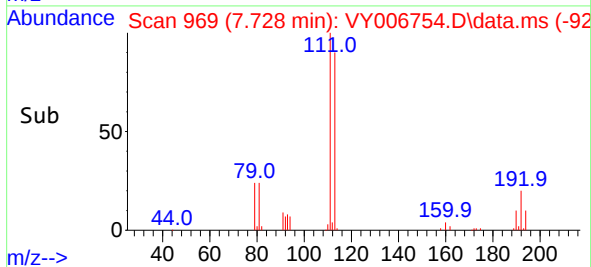
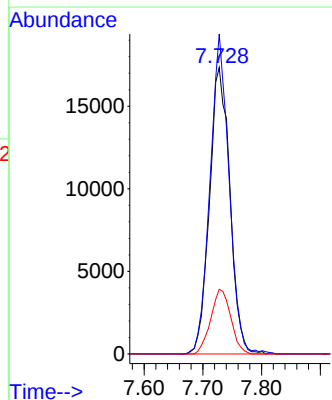
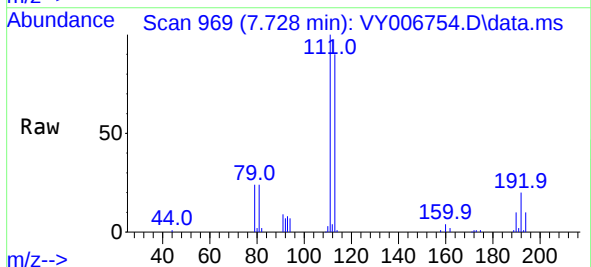
Tgt Ion:113 Resp: 41768

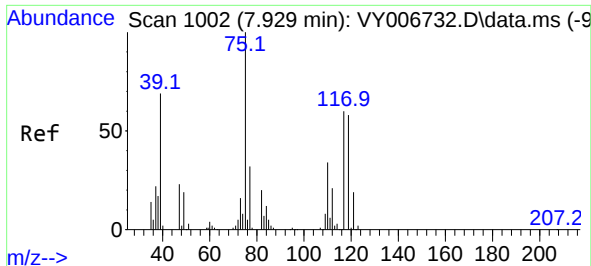
Ion Ratio Lower Upper

113 100

111 104.7 82.3 123.5

192 22.2 17.4 26.2





#36

1,1-Dichloropropene

Concen: 4.655 ug/l

RT: 7.801 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY006754.D

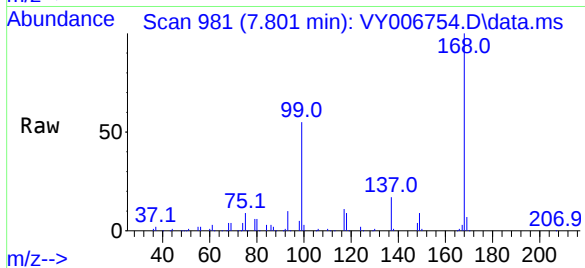
Acq: 16 Nov 2021 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VWE-B35-111221-0-1



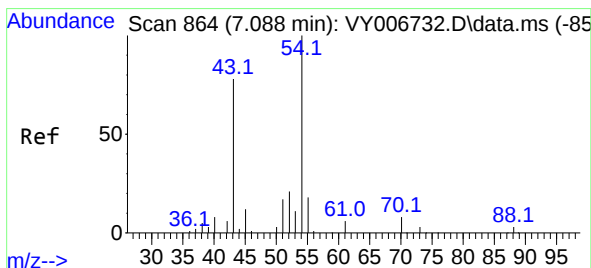
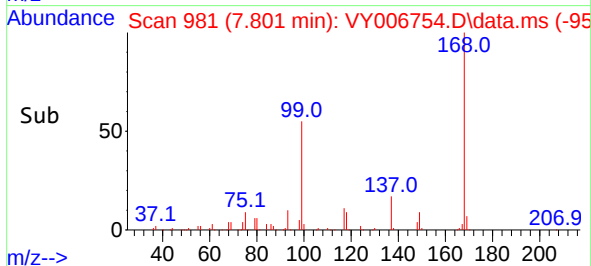
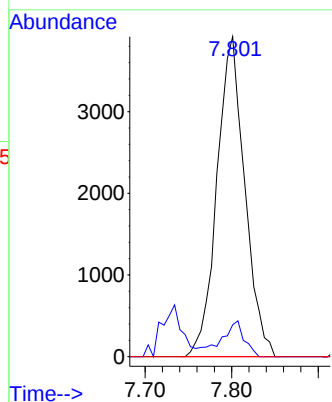
Tgt Ion: 75 Resp: 8747

Ion Ratio Lower Upper

75 100

110 9.0 17.1 51.3#

77 0.0 24.9 37.3#



#37

Ethyl Acetate

Concen: 3.449 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.091 min

Lab File: VY006754.D

Acq: 16 Nov 2021 12:17

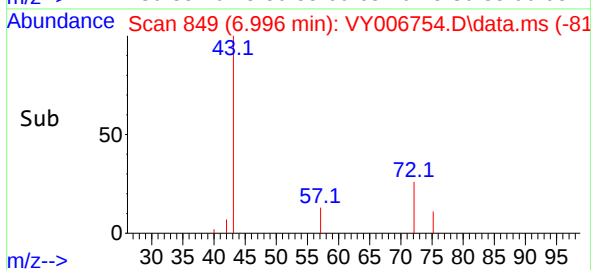
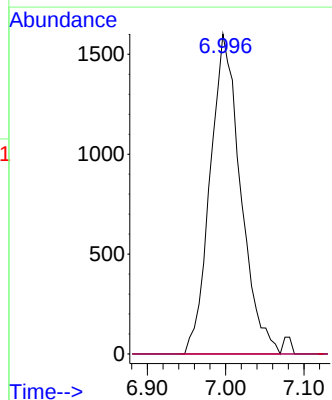
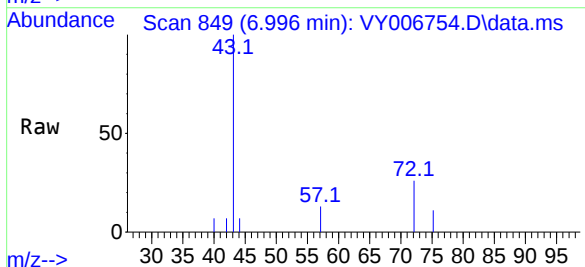
Tgt Ion: 43 Resp: 4333

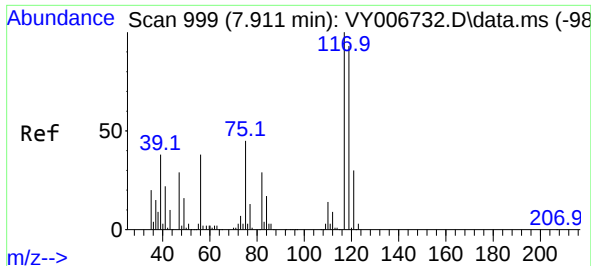
Ion Ratio Lower Upper

43 100

61 0.0 9.4 14.2#

70 0.0 6.9 10.3#

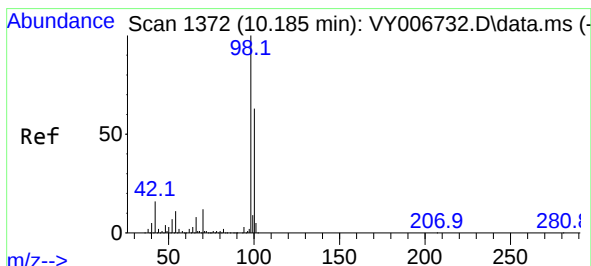
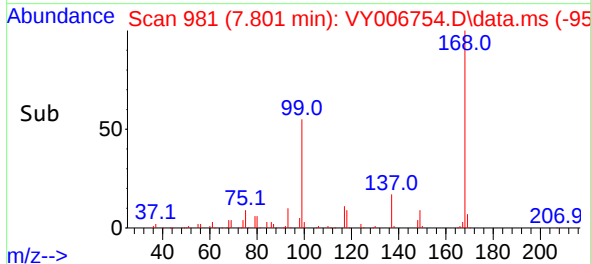
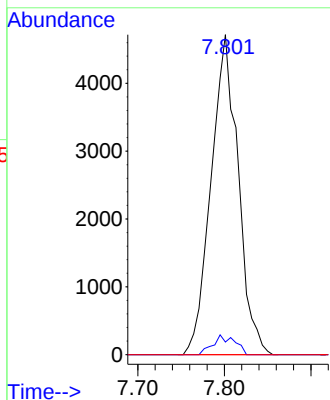
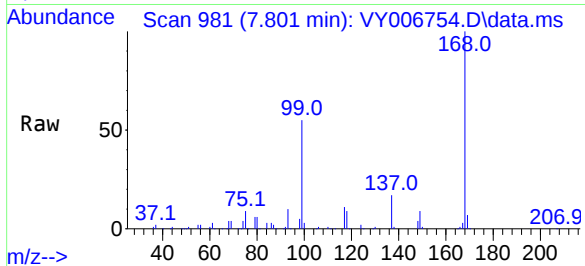




#38
Carbon Tetrachloride
Concen: 5.332 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006754.D
Acq: 16 Nov 2021 12:17

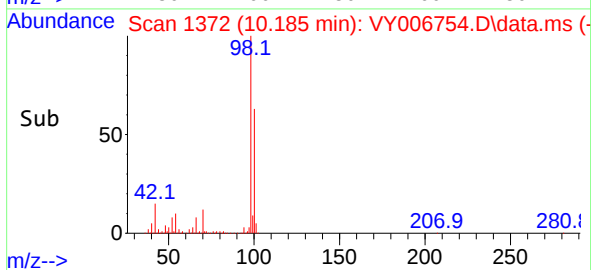
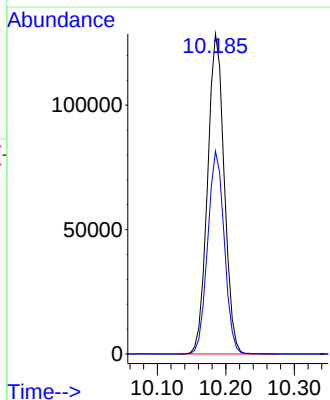
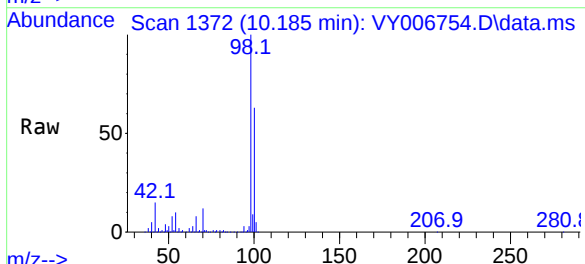
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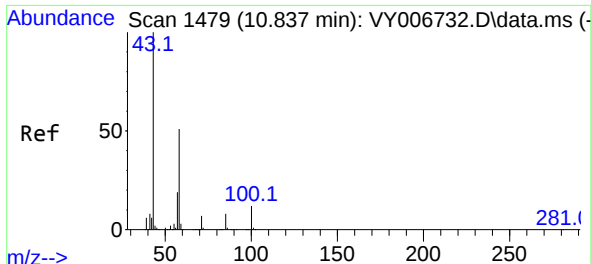
Tgt Ion:117 Resp: 10249
Ion Ratio Lower Upper
117 100
119 4.0 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.557 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006754.D
Acq: 16 Nov 2021 12:17

Tgt Ion: 98 Resp: 217763
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

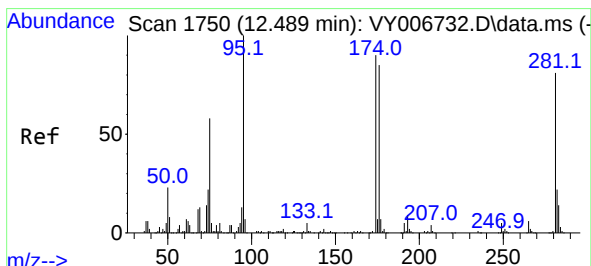
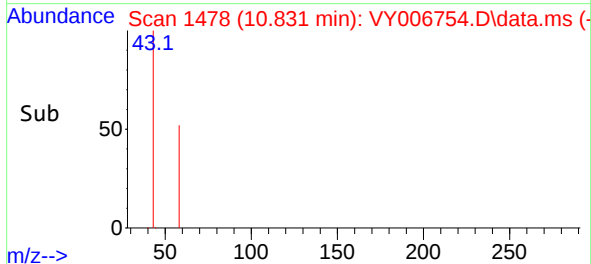
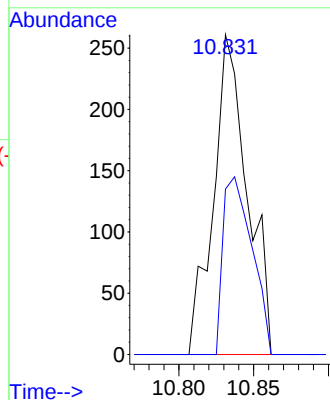
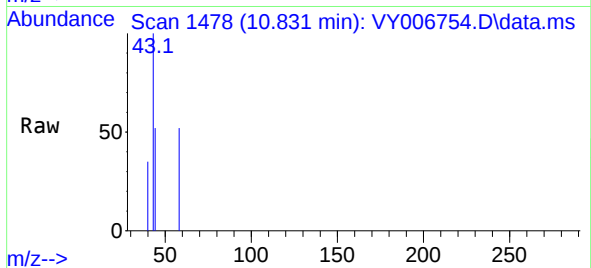




#59
2-Hexanone
Concen: 24.226 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY006754.D
Acq: 16 Nov 2021 12:17

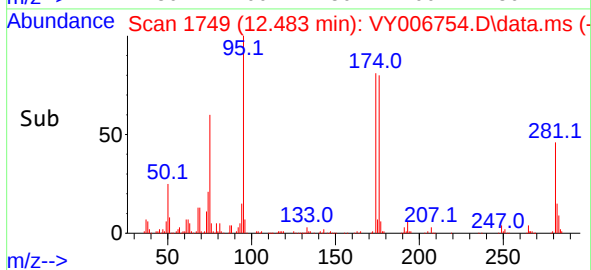
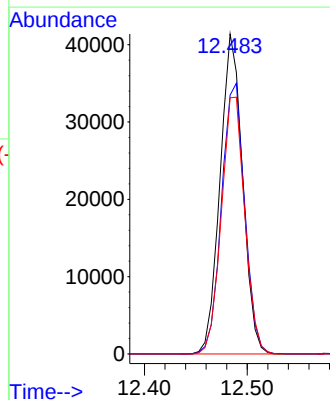
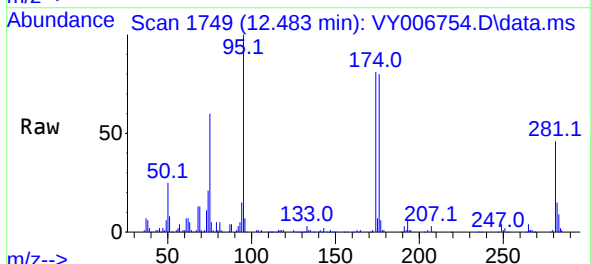
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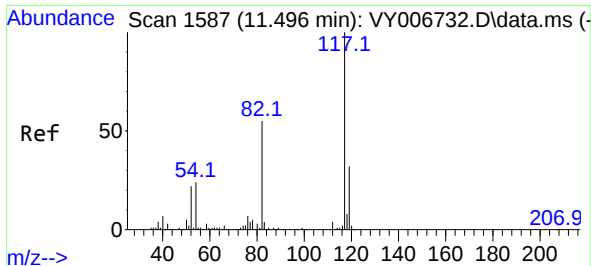
Tgt Ion: 43 Resp: 413
Ion Ratio Lower Upper
43 100
58 47.5 24.6 73.6



#62
4-Bromofluorobenzene
Concen: 42.383 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006754.D
Acq: 16 Nov 2021 12:17

Tgt Ion: 95 Resp: 62785
Ion Ratio Lower Upper
95 100
174 87.1 0.0 177.0
176 83.5 0.0 169.4

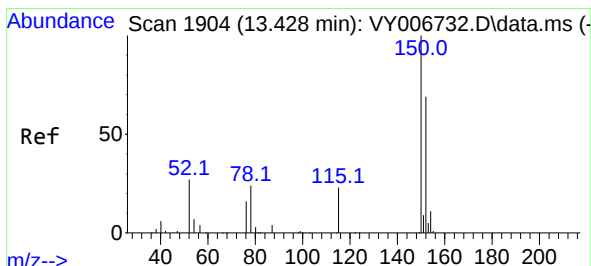
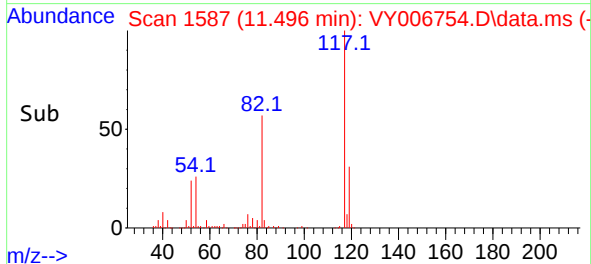
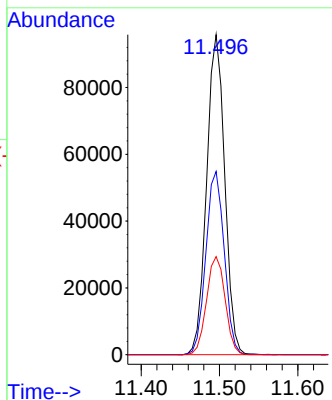
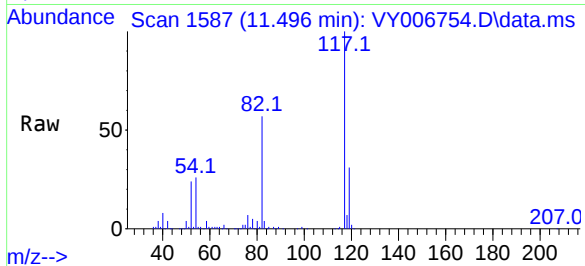




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006754.D
Acq: 16 Nov 2021 12:17

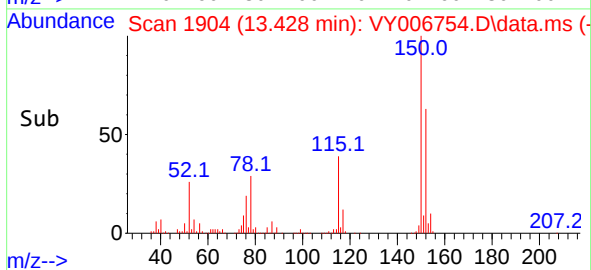
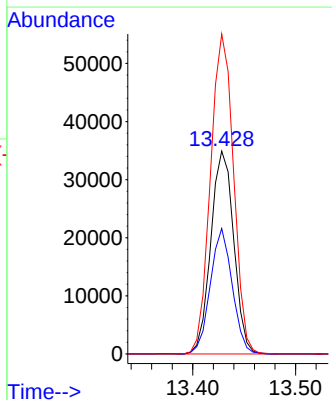
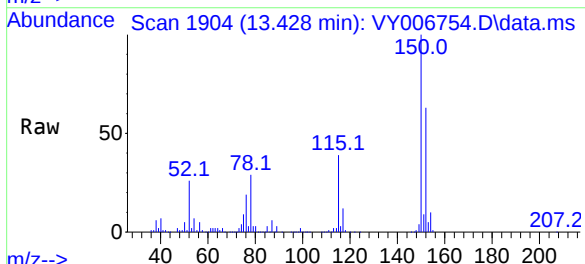
Instrument :
MSVOA_Y
ClientSampleId :
VWE-B35-111221-0-1

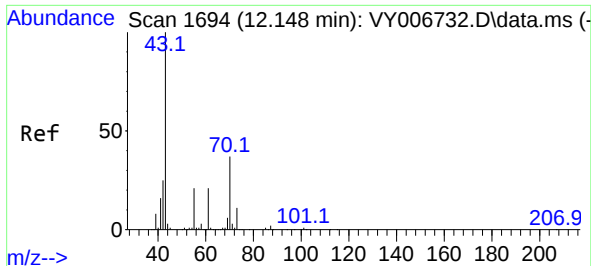
Tgt Ion:	117	Resp:	153520
Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.7	68.5
119	30.7	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006754.D
Acq: 16 Nov 2021 12:17

Tgt Ion:	152	Resp:	54097
Ion	Ratio	Lower	Upper
152	100		
115	59.1	28.5	85.5
150	158.5	0.0	348.2

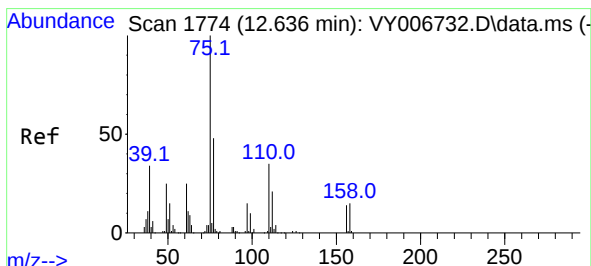
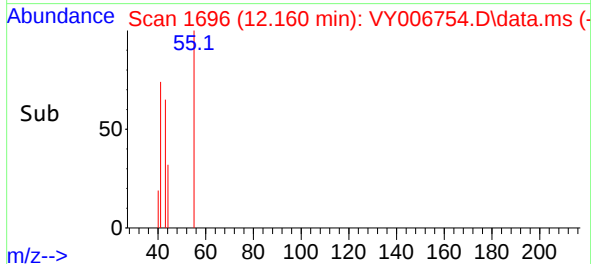
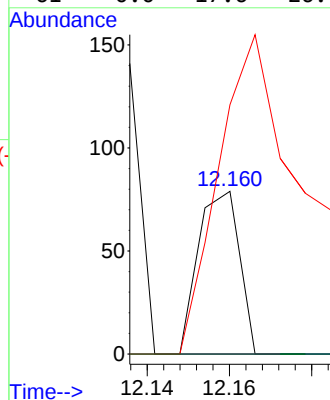
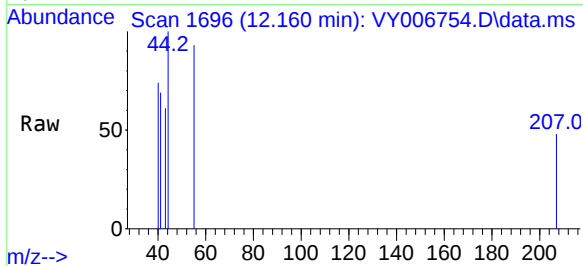




#74
N-amy1 acetate
Concen: 3.190 ug/l
RT: 12.160 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY006754.D
Acq: 16 Nov 2021 12:17

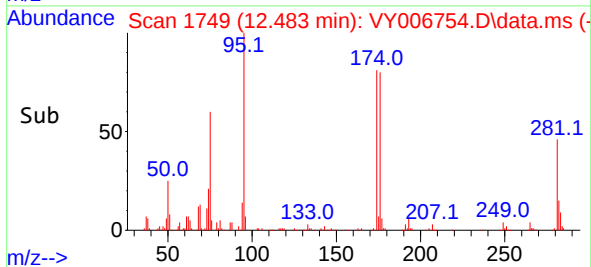
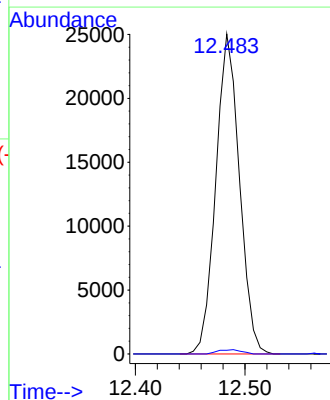
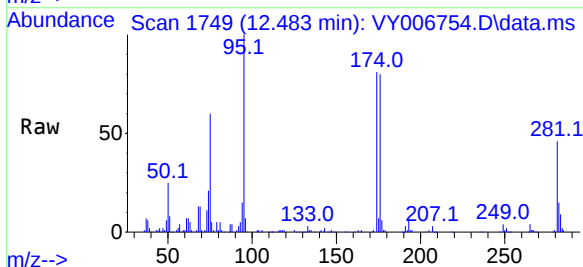
Instrument :
MSVOA_Y
ClientSampleId :
VWE-B35-111221-0-1

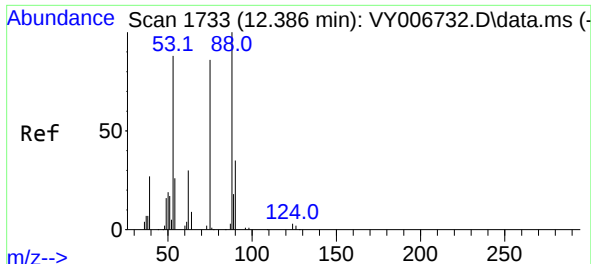
Tgt Ion: 43	Resp: 55
Ion Ratio	Lower Upper
43 100	
70 0.0	29.4 44.0#
55 423.6	18.1 27.1#
61 0.0	17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 107.642 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006754.D
Acq: 16 Nov 2021 12:17

Tgt Ion: 75	Resp: 37502
Ion Ratio	Lower Upper
75 100	
77 1.3	0.0 0.0#

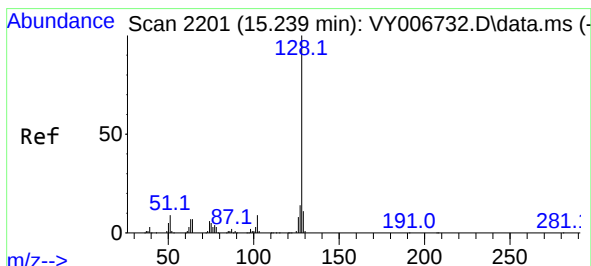
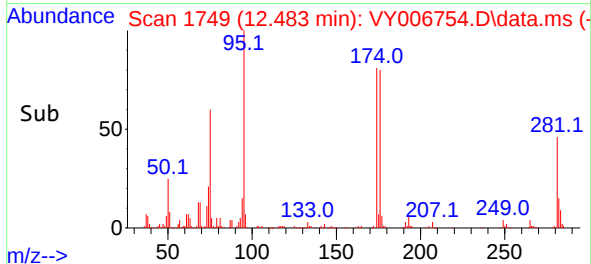
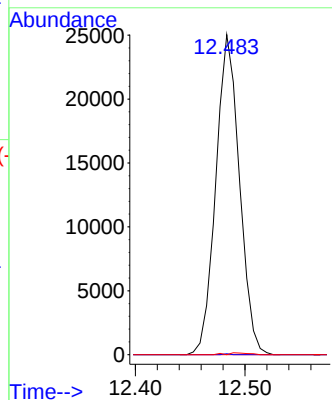
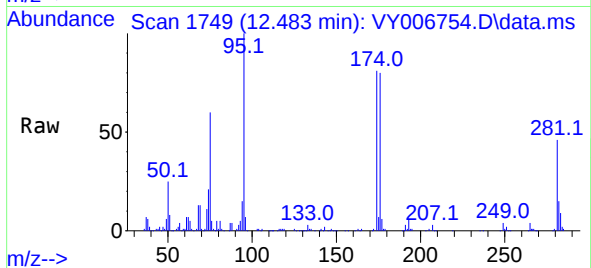




#81
trans-1,4-Dichloro-2-butene
Concen: 126.343 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY006754.D
Acq: 16 Nov 2021 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VWE-B35-111221-0-1

Tgt Ion: 75 Resp: 37502
Ion Ratio Lower Upper
75 100
53 0.1 85.8 128.6#
89 0.5 39.3 58.9#



#95
Naphthalene
Concen: 1.123 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY006754.D
Acq: 16 Nov 2021 12:17

Tgt Ion: 128 Resp: 2189
Ion Ratio Lower Upper
128 100
127 13.0 11.0 16.4
129 12.4 8.9 13.3

