

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111521\
 Data File : VY006741.D
 Acq On : 15 Nov 2021 19:22
 Operator : SY/MD
 Sample : M4640-01
 Misc : 4.60G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-AS

Quant Time: Nov 16 04:22:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

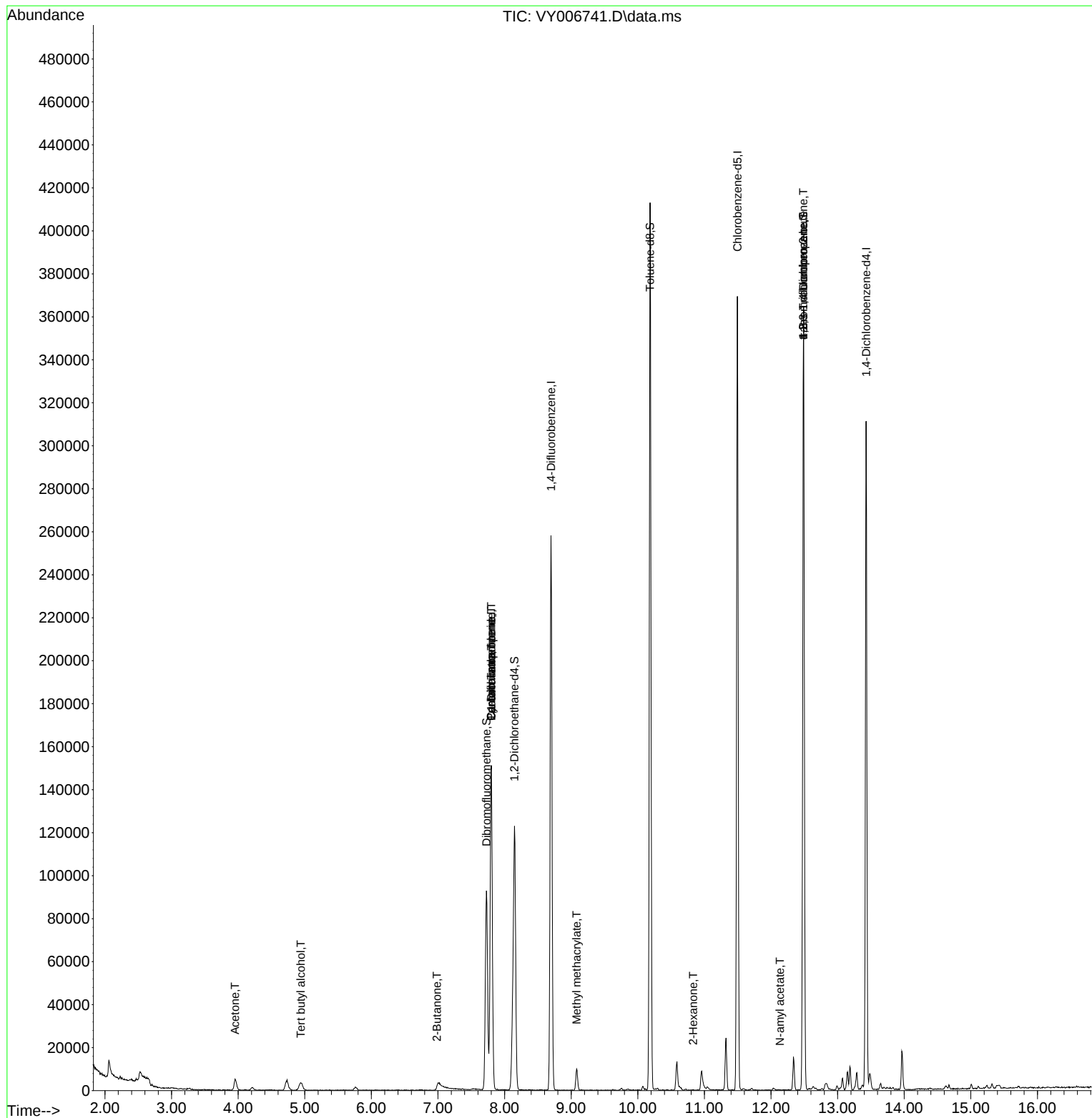
Internal Standards						
1) Pentafluorobenzene	7.801	168	114904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	198480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	182483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	86594	57.501	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.000%	
35) Dibromofluoromethane	7.728	113	63236	51.869	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.740%	
50) Toluene-d8	10.185	98	252976	50.144	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.280%	
62) 4-Bromofluorobenzene	12.483	95	78803	46.334	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.660%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	4260	18.810	ug/l #	72
16) Acetone	3.954	43	8730	19.080	ug/l	97
20) Methylene Chloride	4.734	84	3157	Below Cal		95
25) 2-Butanone	6.984	43	207	11.797	ug/l #	52
31) Cyclohexane	7.801	56	2932	1.108	ug/l #	12
36) 1,1-Dichloropropene	7.801	75	9923	4.600	ug/l #	50
38) Carbon Tetrachloride	7.801	117	11606	5.260	ug/l #	16
48) Methyl methacrylate	9.081	41	2643	2.062	ug/l #	40
59) 2-Hexanone	10.831	43	155	23.950	ug/l #	28
74) N-amyl acetate	12.136	43	83	3.193	ug/l #	59
76) 1,2,3-Trichloropropane	12.483	75	47016	57.137	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47016	113.215	ug/l #	7

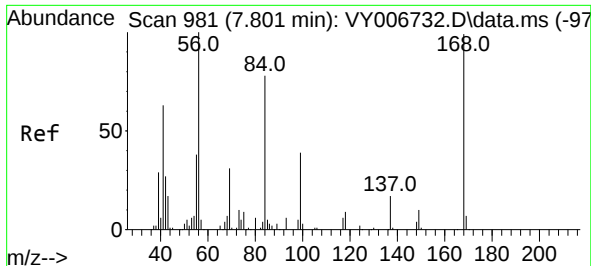
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

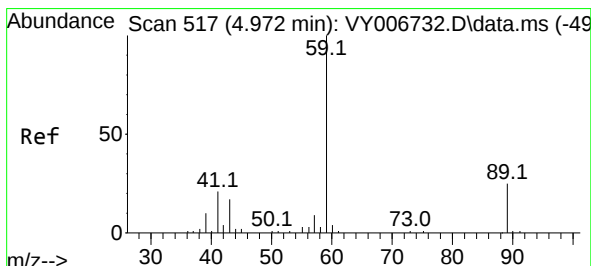
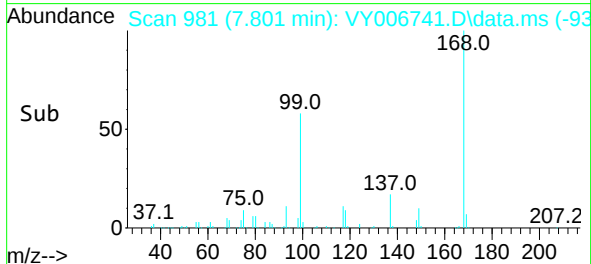
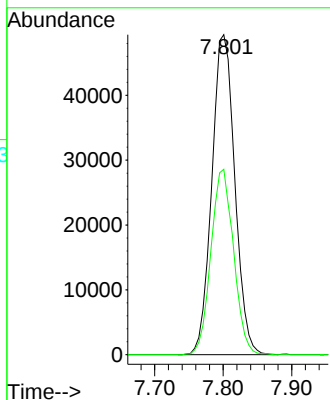
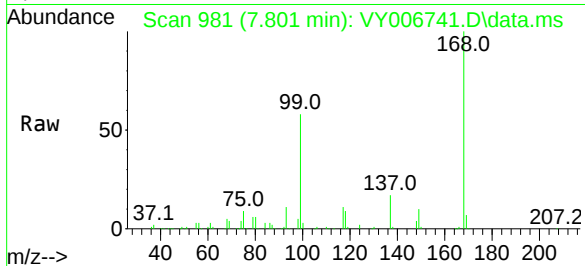




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY006741.D
Acq: 15 Nov 2021 19:22

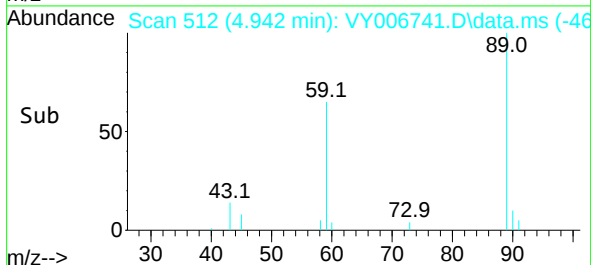
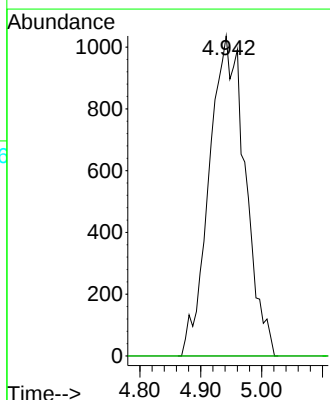
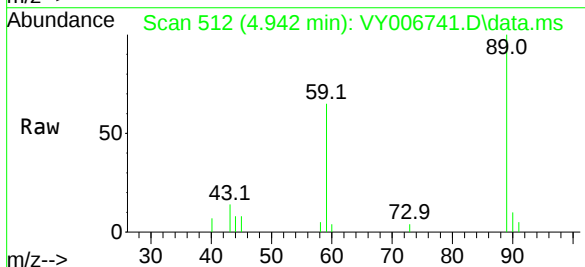
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-AS

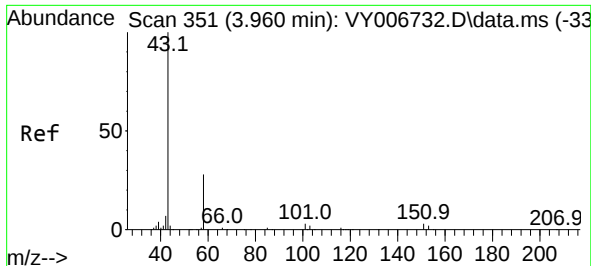
Tgt Ion:168 Resp: 114904
Ion Ratio Lower Upper
168 100
99 57.9 44.8 67.2



#11
Tert butyl alcohol
Concen: 18.810 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.030 min
Lab File: VY006741.D
Acq: 15 Nov 2021 19:22

Tgt Ion: 59 Resp: 4260
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

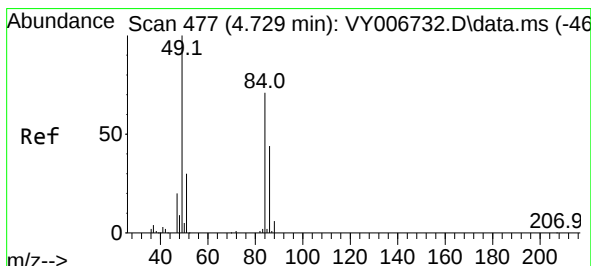
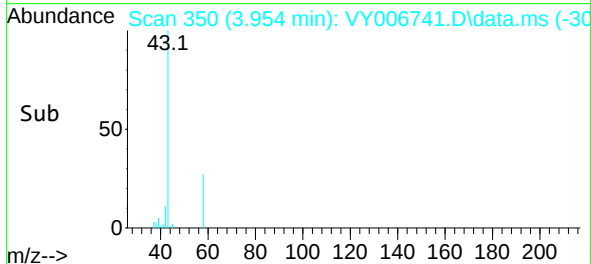
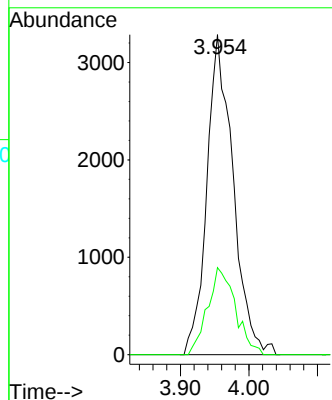
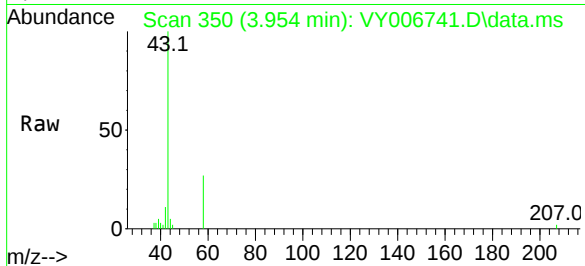




#16
Acetone
Concen: 19.080 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY006741.D
Acq: 15 Nov 2021 19:22

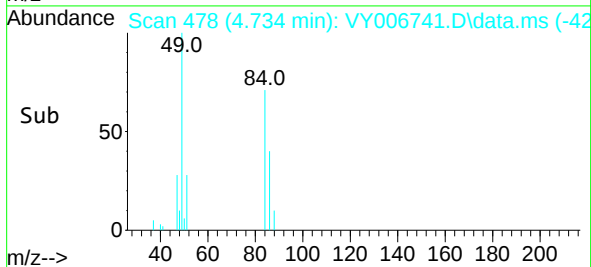
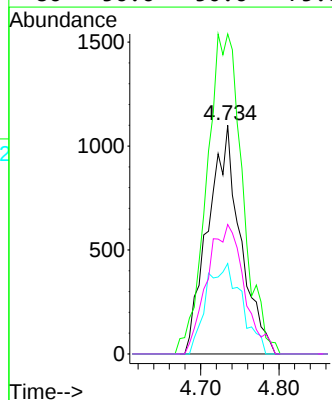
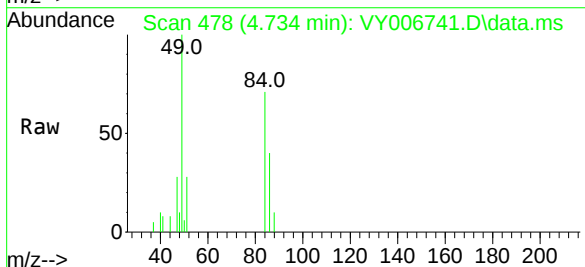
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-AS

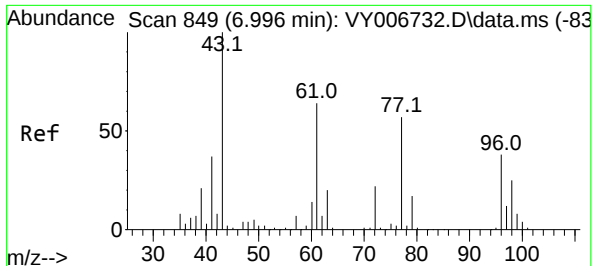
Tgt Ion: 43 Resp: 8730
Ion Ratio Lower Upper
43 100
58 27.2 22.9 34.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY006741.D
Acq: 15 Nov 2021 19:22

Tgt Ion: 84 Resp: 3157
Ion Ratio Lower Upper
84 100
49 139.9 107.8 161.8
51 39.5 32.8 49.2
86 56.6 50.6 75.8





#25

2-Butanone

Concen: 11.797 ug/l

RT: 6.984 min Scan# 849

Delta R.T. -0.012 min

Lab File: VY006741.D

Acq: 15 Nov 2021 19:22

Instrument :

MSVOA_Y

ClientSampleId :

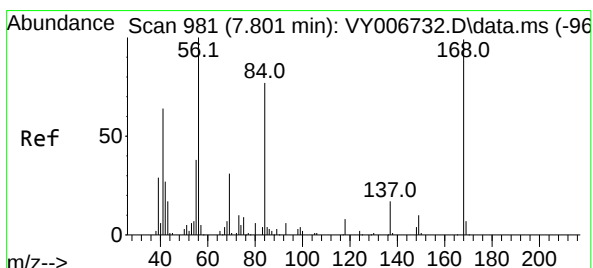
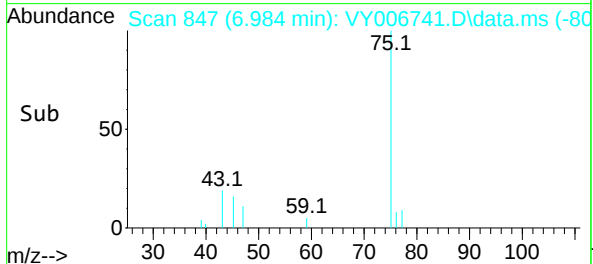
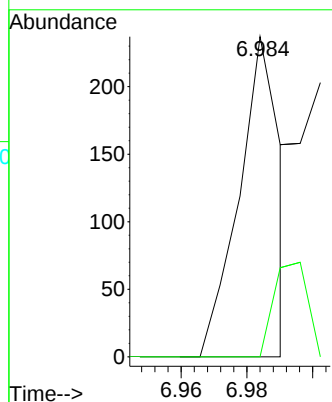
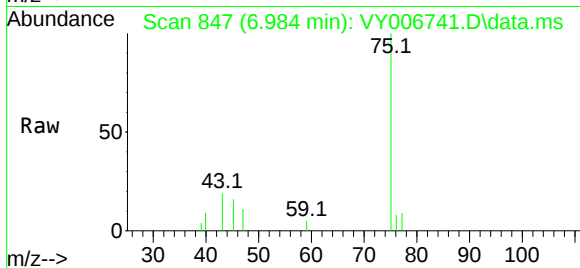
WC-2-AS

Tgt Ion: 43 Resp: 207

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#31

Cyclohexane

Concen: 1.108 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.000 min

Lab File: VY006741.D

Acq: 15 Nov 2021 19:22

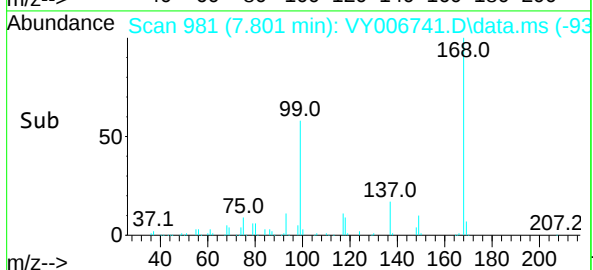
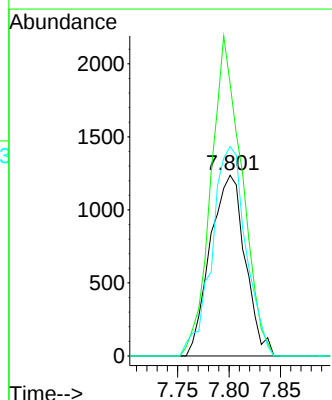
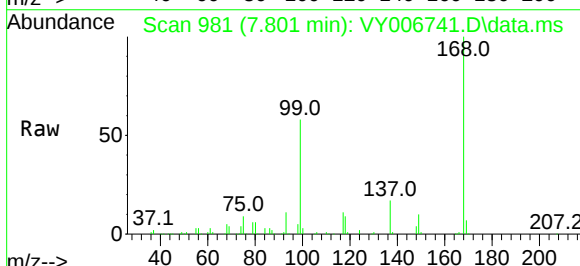
Tgt Ion: 56 Resp: 2932

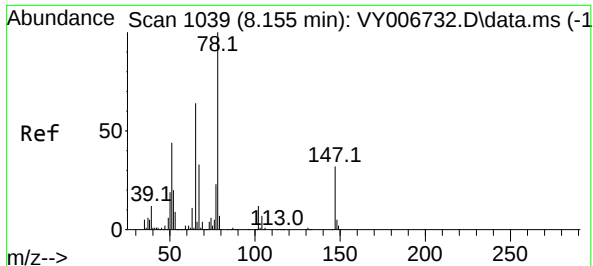
Ion Ratio Lower Upper

56 100

69 150.7 26.6 40.0#

84 115.9 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 57.501 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY006741.D

Acq: 15 Nov 2021 19:22

Instrument :

MSVOA_Y

ClientSampleId :

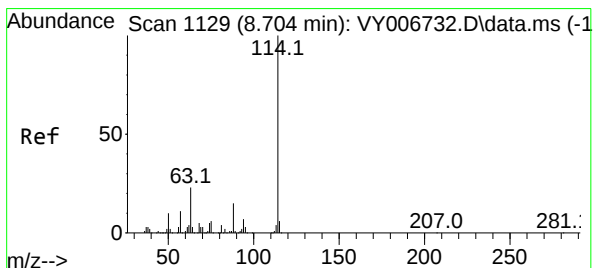
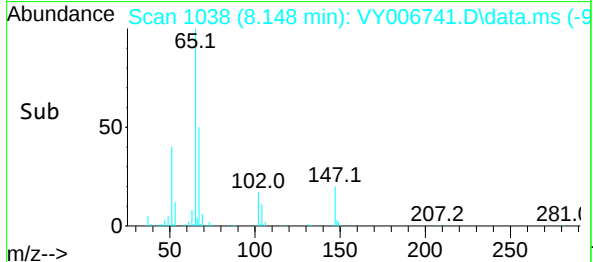
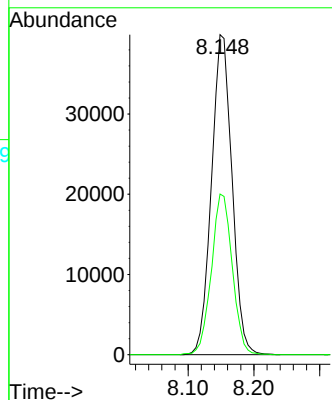
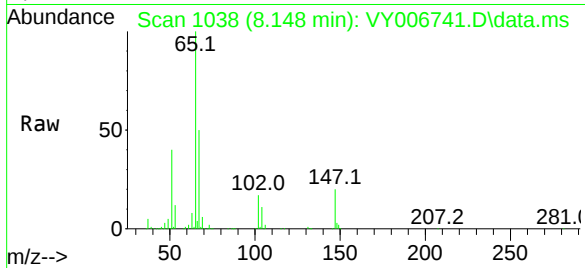
WC-2-AS

Tgt Ion: 65 Resp: 86594

Ion Ratio Lower Upper

65 100

67 51.1 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006741.D

Acq: 15 Nov 2021 19:22

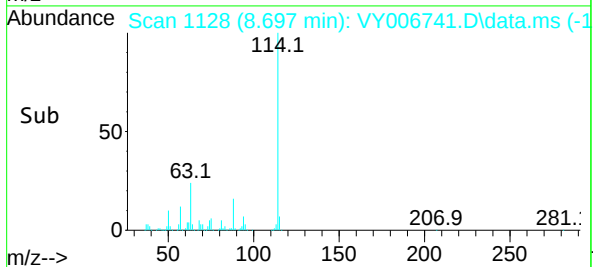
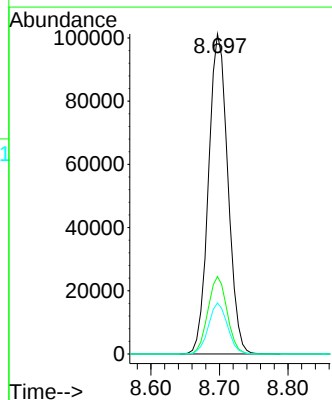
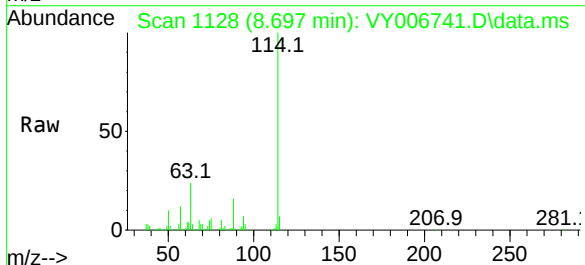
Tgt Ion: 114 Resp: 198480

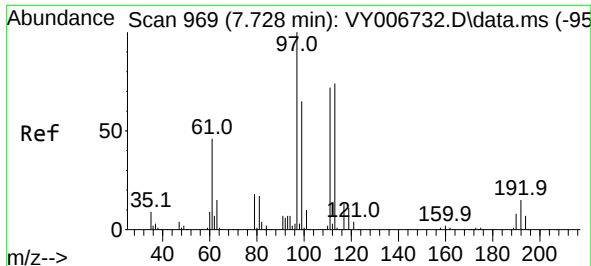
Ion Ratio Lower Upper

114 100

63 24.2 0.0 45.0

88 16.0 0.0 30.6

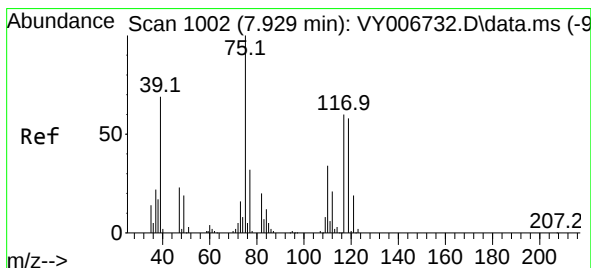
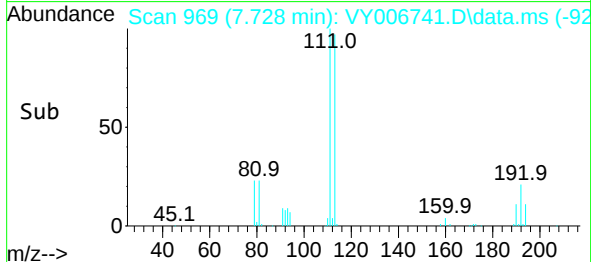
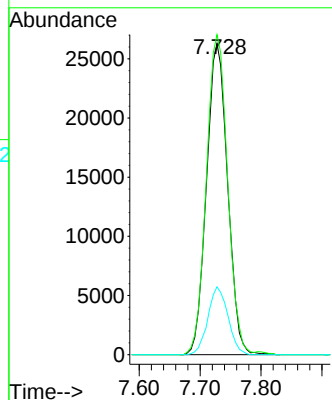
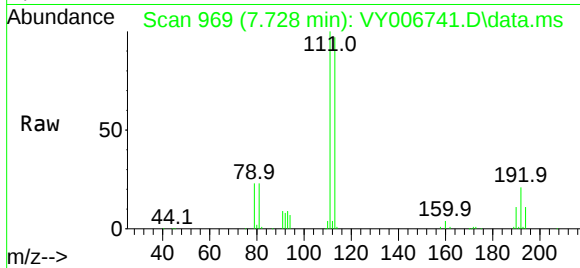




#35
Dibromofluoromethane
Concen: 51.869 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY006741.D
Acq: 15 Nov 2021 19:22

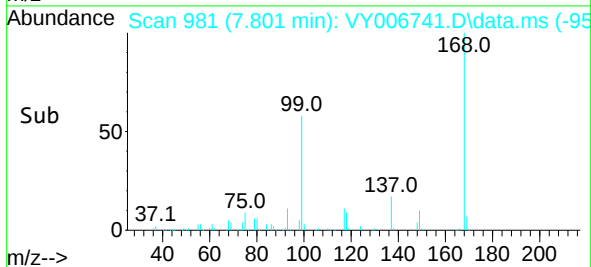
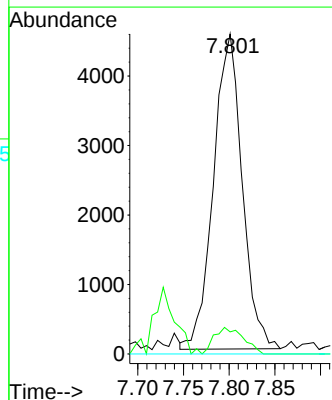
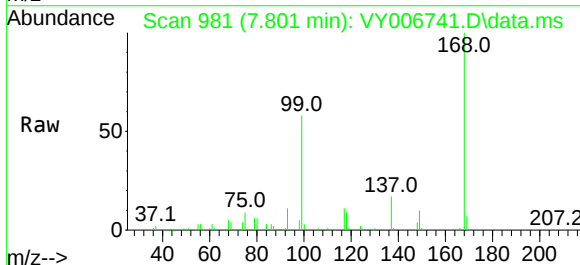
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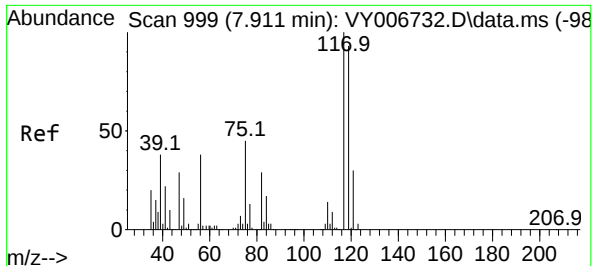
Tgt Ion:113 Resp: 63236
Ion Ratio Lower Upper
113 100
111 103.4 82.3 123.5
192 20.8 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.600 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY006741.D
Acq: 15 Nov 2021 19:22

Tgt Ion: 75 Resp: 9923
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.3#
77 0.0 24.9 37.3#

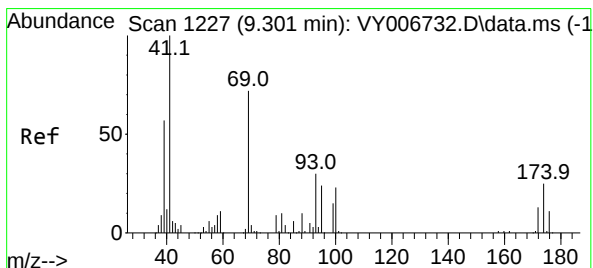
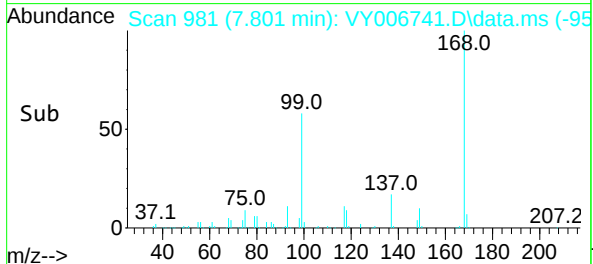
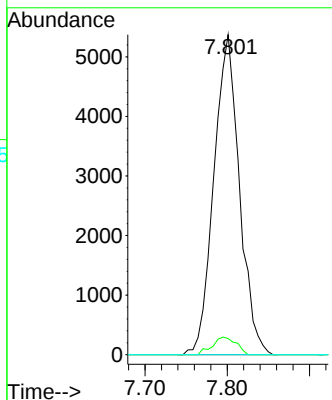
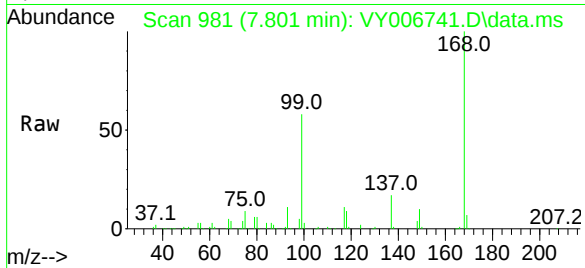




#38
Carbon Tetrachloride
Concen: 5.260 ug/l
RT: 7.801 min Scan# 911
Delta R.T. -0.110 min
Lab File: VY006741.D
Acq: 15 Nov 2021 19:22

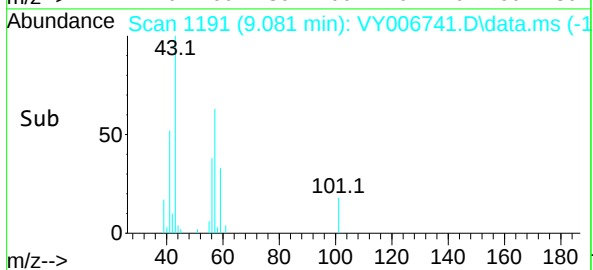
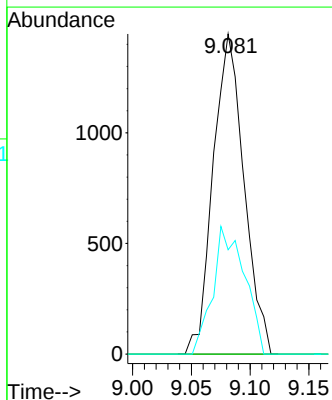
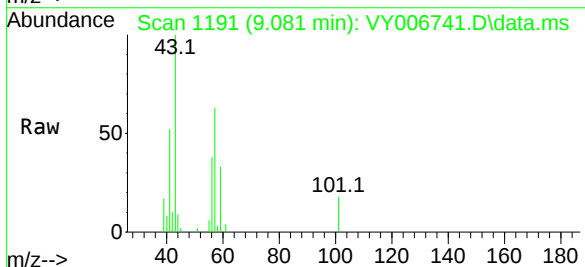
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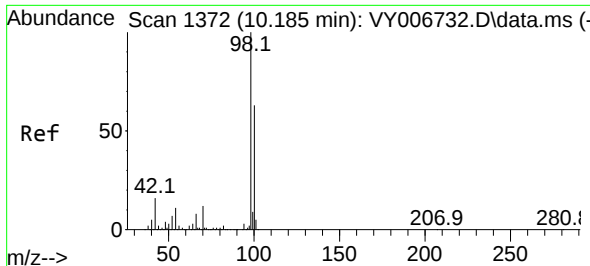
Tgt Ion:117 Resp: 11606
Ion Ratio Lower Upper
117 100
119 5.1 76.6 115.0#
121 0.0 24.7 37.1#



#48
Methyl methacrylate
Concen: 2.062 ug/l
RT: 9.081 min Scan# 1191
Delta R.T. -0.220 min
Lab File: VY006741.D
Acq: 15 Nov 2021 19:22

Tgt Ion: 41 Resp: 2643
Ion Ratio Lower Upper
41 100
69 0.0 60.4 90.6#
39 40.9 48.2 72.2#

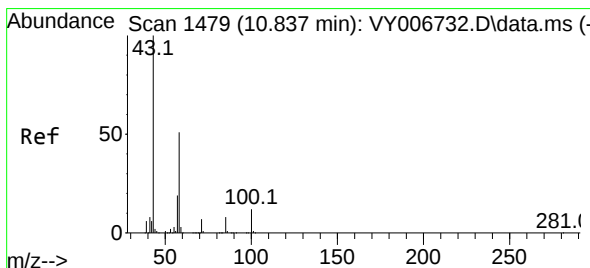
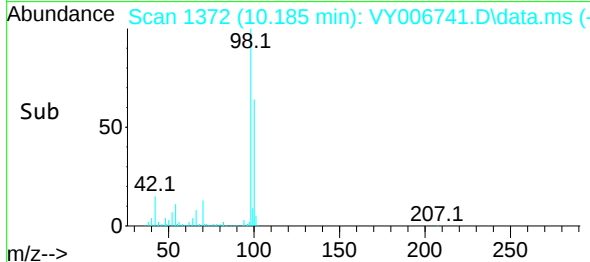
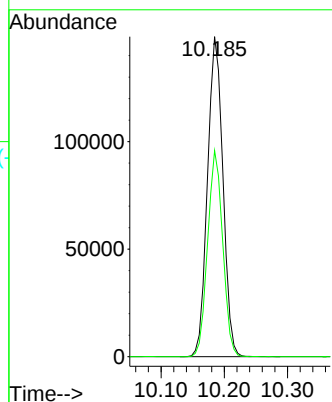
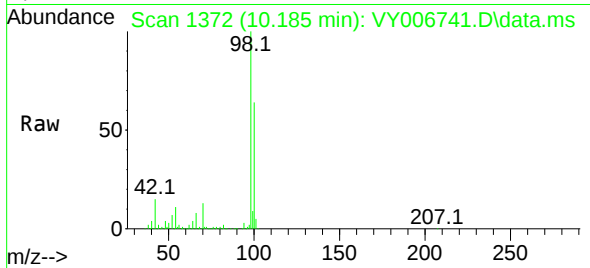




#50
Toluene-d8
Concen: 50.144 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006741.D
Acq: 15 Nov 2021 19:22

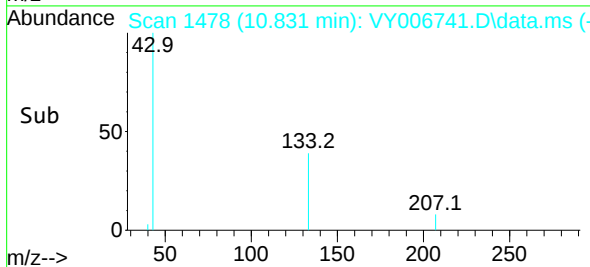
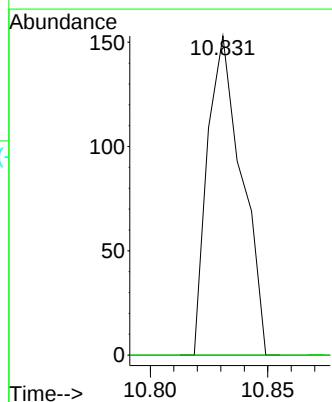
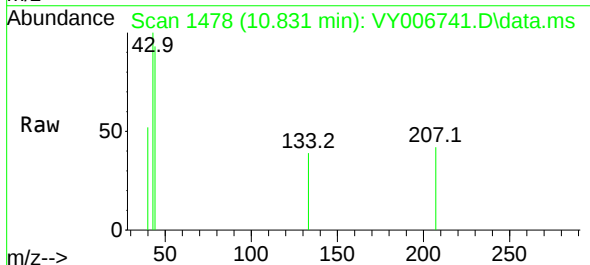
Instrument :
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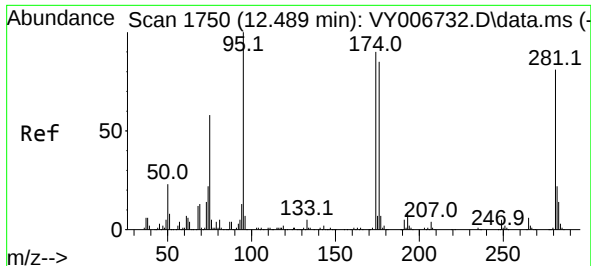
Tgt Ion: 98 Resp: 252976
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



#59
2-Hexanone
Concen: 23.950 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY006741.D
Acq: 15 Nov 2021 19:22

Tgt Ion: 43 Resp: 155
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#

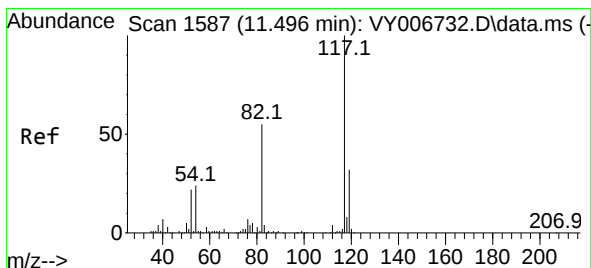
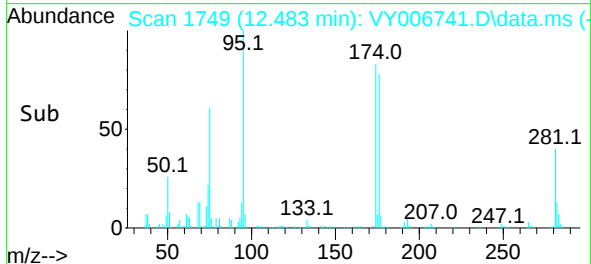
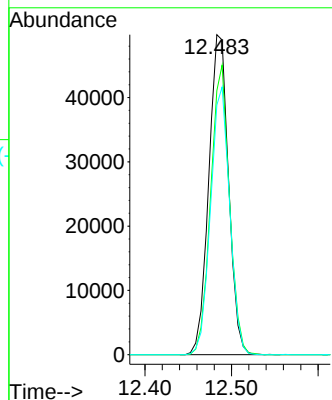
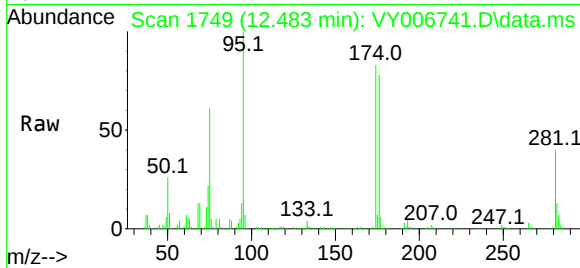




#62
4-Bromofluorobenzene
Concen: 46.334 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006741.D
Acq: 15 Nov 2021 19:22

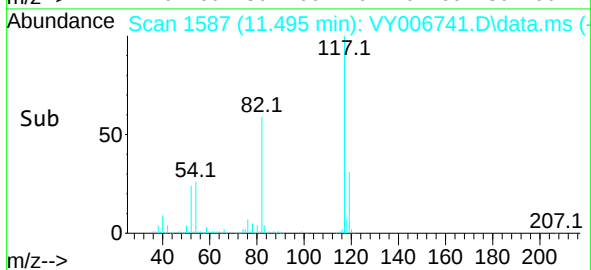
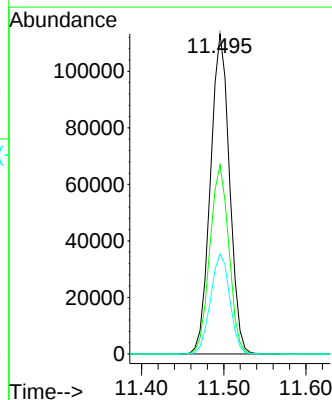
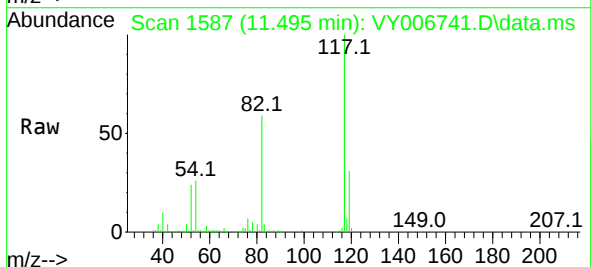
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-AS

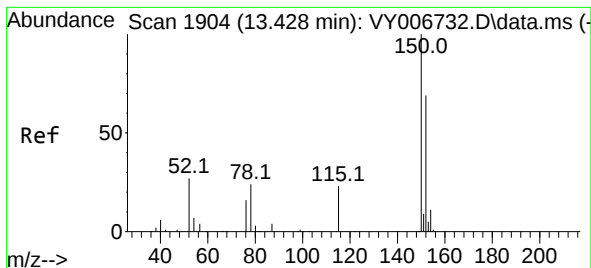
Tgt Ion: 95 Resp: 78803
Ion Ratio Lower Upper
95 100
174 85.9 0.0 177.0
176 80.9 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006741.D
Acq: 15 Nov 2021 19:22

Tgt Ion: 117 Resp: 182483
Ion Ratio Lower Upper
117 100
82 59.1 45.7 68.5
119 31.3 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: VY006741.D

Acq: 15 Nov 2021 19:22

Instrument :

MSVOA_Y

ClientSampleId :

WC-2-AS

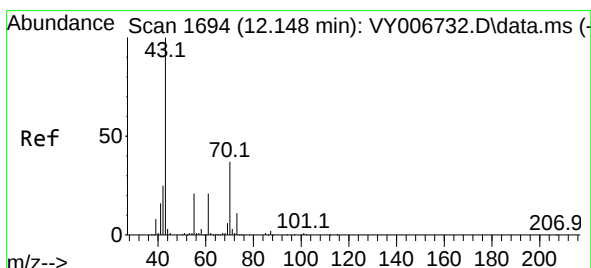
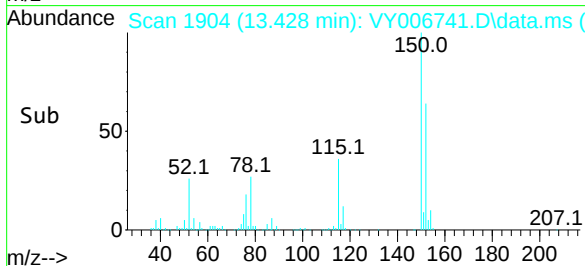
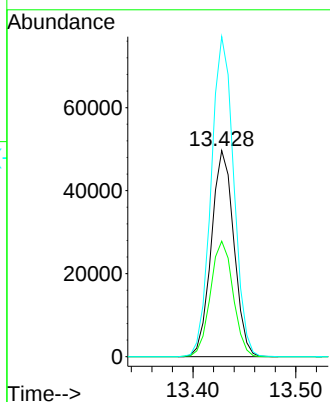
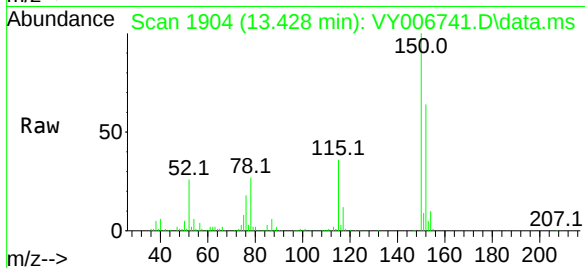
Tgt Ion:152 Resp: 75685

Ion Ratio Lower Upper

152 100

115 56.2 28.5 85.5

150 155.2 0.0 348.2



#74

N-ethyl acetate

Concen: 3.193 ug/l

RT: 12.136 min Scan# 1692

Delta R.T. -0.012 min

Lab File: VY006741.D

Acq: 15 Nov 2021 19:22

Tgt Ion: 43 Resp: 83

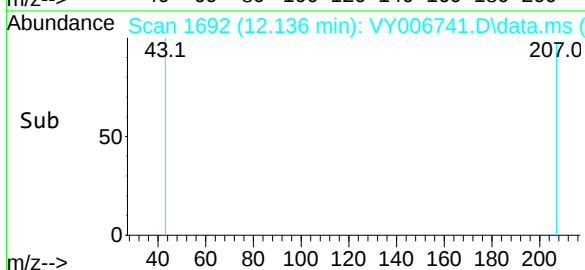
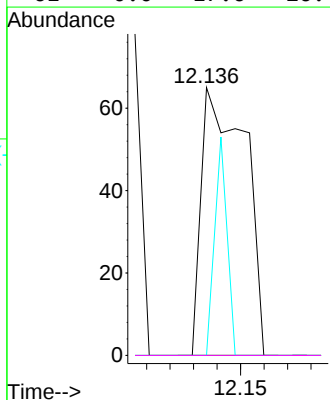
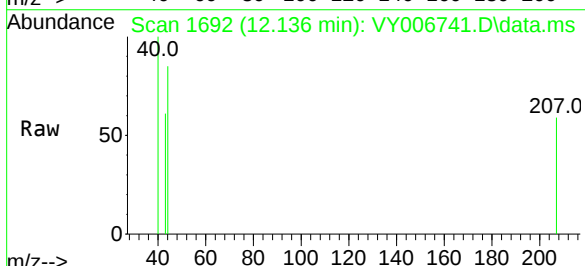
Ion Ratio Lower Upper

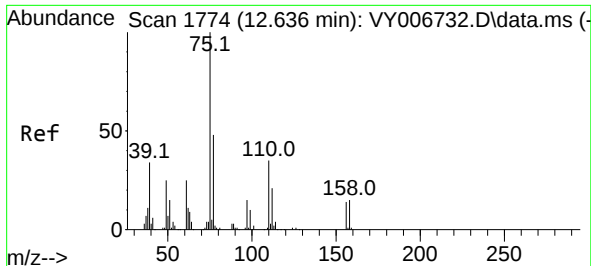
43 100

70 0.0 29.4 44.0#

55 22.9 18.1 27.1

61 0.0 17.6 26.4#

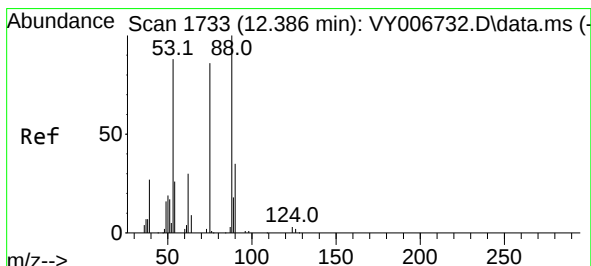
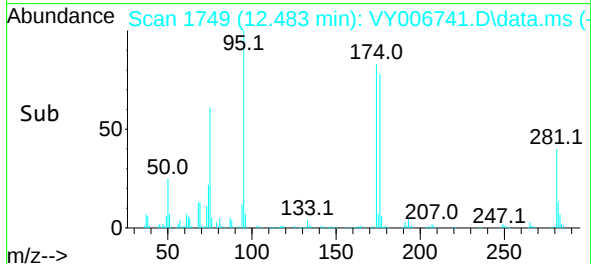
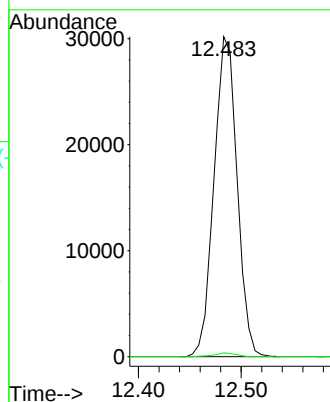
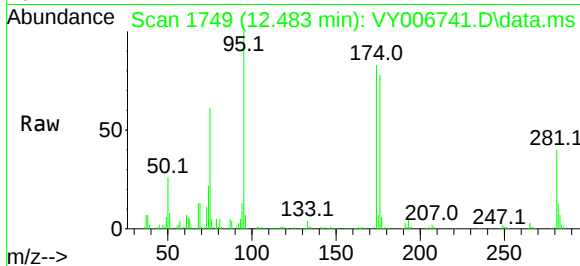




#76
1,2,3-Trichloropropane
Concen: 57.137 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006741.D
Acq: 15 Nov 2021 19:22

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-AS

Tgt Ion: 75 Resp: 47016
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.215 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY006741.D
Acq: 15 Nov 2021 19:22

Tgt Ion: 75 Resp: 47016
Ion Ratio Lower Upper
75 100
53 0.1 85.8 128.6#
89 0.7 39.3 58.9#

