

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006761.D
 Acq On : 16 Nov 2021 15:03
 Operator : SY/MD
 Sample : M4684-01
 Misc : 5.31G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-5-111221

Quant Time: Nov 17 04:07:36 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)

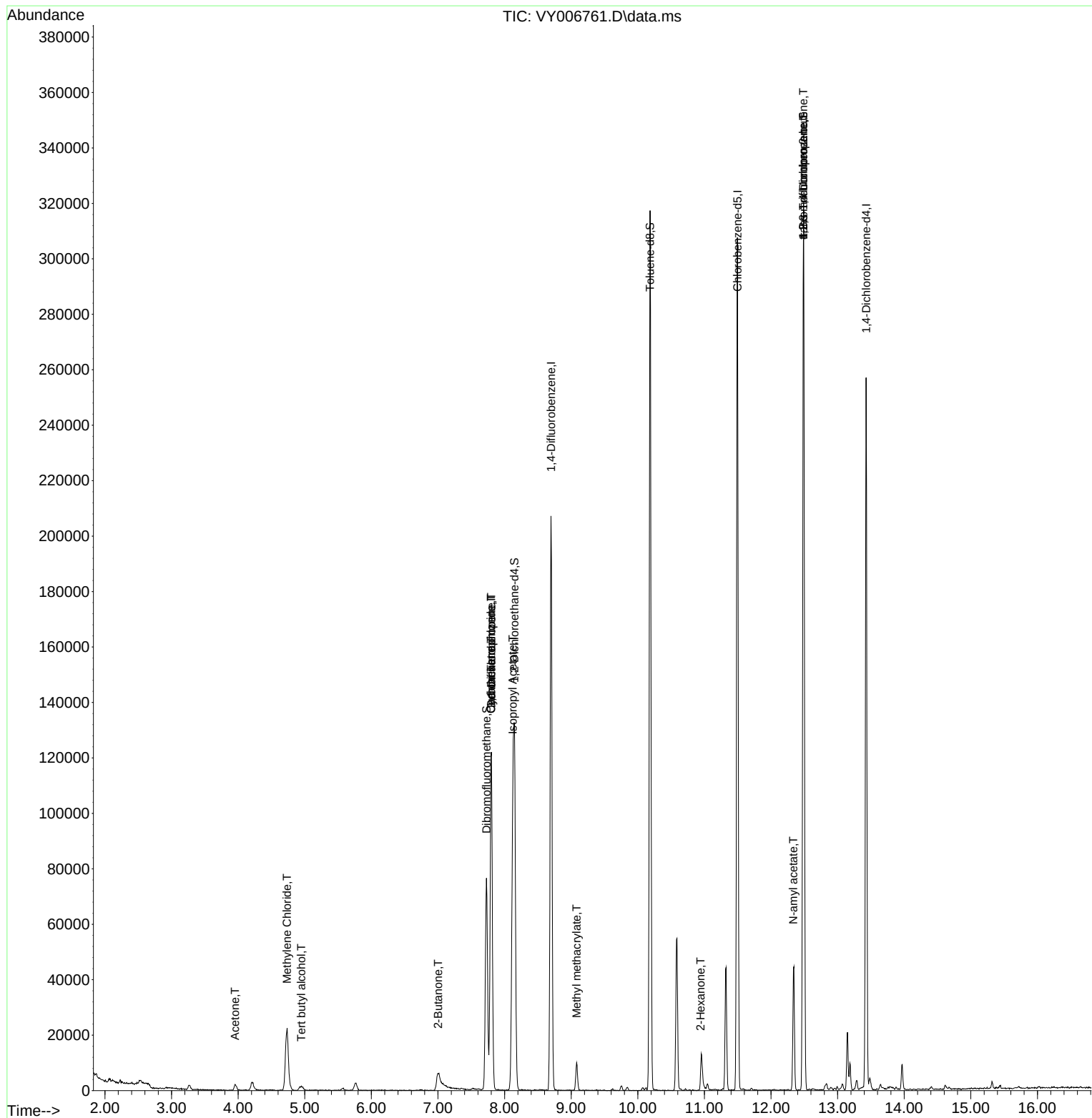
Internal Standards						
1) Pentafluorobenzene	7.801	168	91451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	159164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	148137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	71304	59.491	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.980%			
35) Dibromofluoromethane	7.728	113	49486	50.617	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.240%			
50) Toluene-d8	10.184	98	199467	49.304	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.600%			
62) 4-Bromofluorobenzene	12.483	95	61915	45.396	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.800%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.948	59	2415	13.398	ug/l #	75
16) Acetone	3.954	43	3703	10.169	ug/l	90
20) Methylene Chloride	4.734	84	14797	10.941	ug/l	92
25) 2-Butanone	7.002	43	809	12.958	ug/l #	52
31) Cyclohexane	7.795	56	2425	1.151	ug/l #	32
36) 1,1-Dichloropropene	7.801	75	8195	4.737	ug/l #	51
38) Carbon Tetrachloride	7.795	117	9248	5.226	ug/l #	17
43) Isopropyl Acetate	8.124	43	3011	1.388	ug/l #	12
48) Methyl methacrylate	9.081	41	2454	2.387	ug/l #	42
59) 2-Hexanone	10.940	43	160	23.989	ug/l #	28
74) N-amyl acetate	12.337	43	1105	3.794	ug/l #	25
76) 1,2,3-Trichloropropane	12.483	75	39036	61.098	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39036	121.064	ug/l #	7

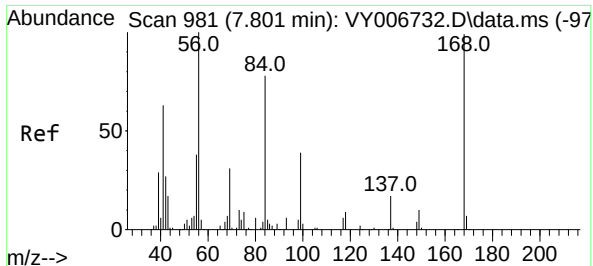
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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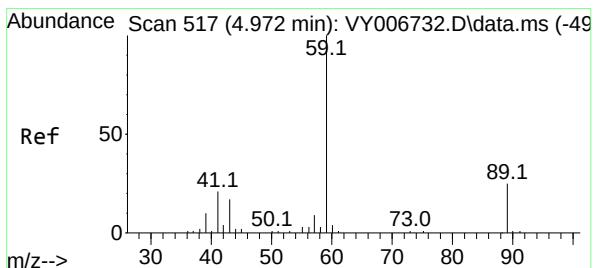
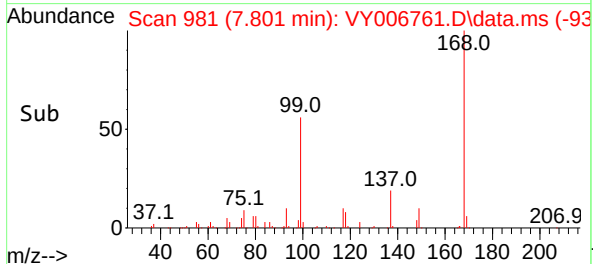
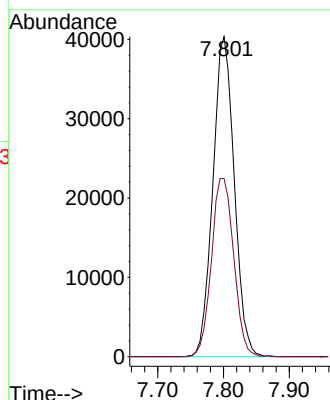
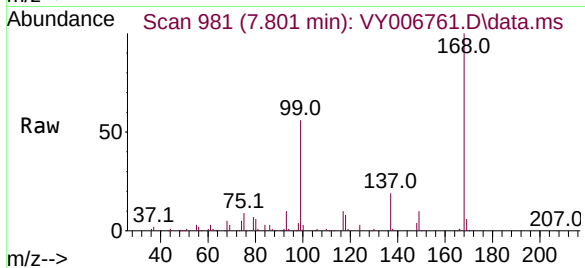




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006761.D
Acq: 16 Nov 2021 15:03

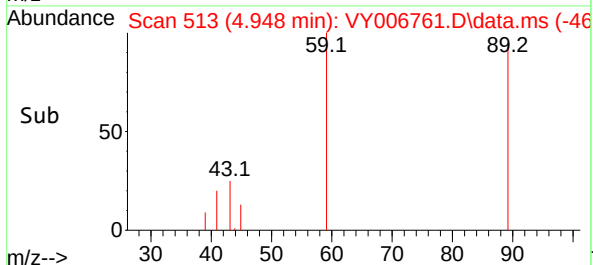
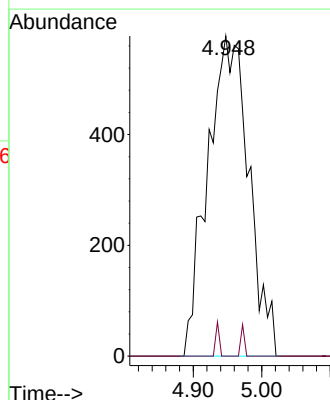
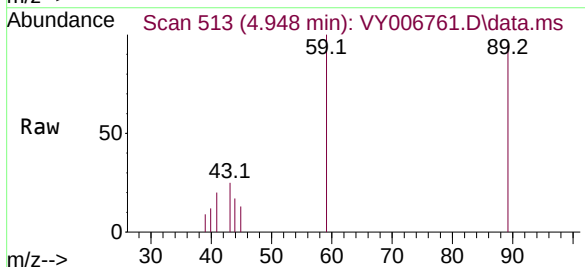
Instrument :
MSVOA_Y
ClientSampleId :
AU-5-111221

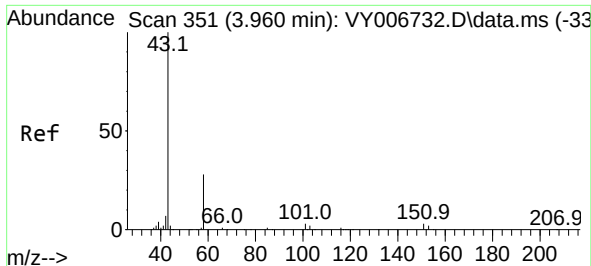
Tgt Ion:168 Resp: 91451
Ion Ratio Lower Upper
168 100
99 55.7 44.8 67.2



#11
Tert butyl alcohol
Concen: 13.398 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY006761.D
Acq: 16 Nov 2021 15:03

Tgt Ion: 59 Resp: 2415
Ion Ratio Lower Upper
59 100
57 1.0 8.2 12.4#

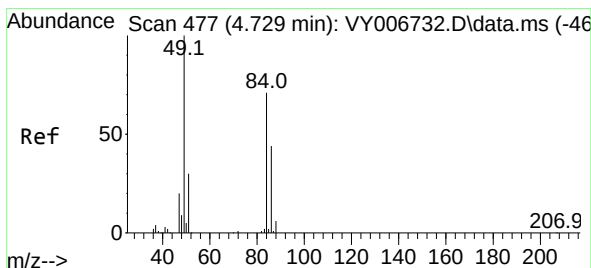
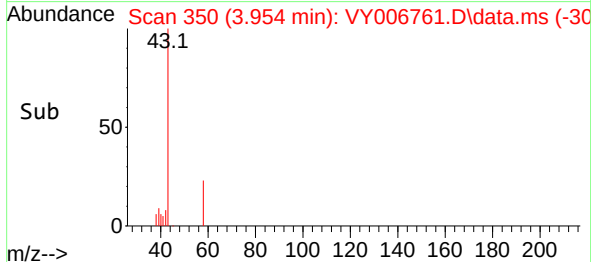
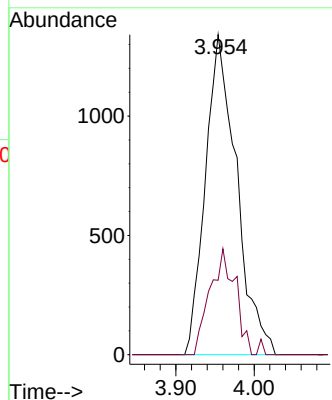
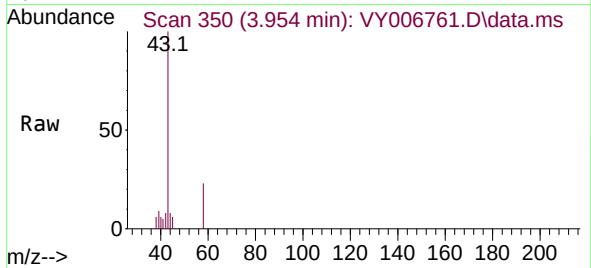




#16
Acetone
Concen: 10.169 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.007 min
Lab File: VY006761.D
Acq: 16 Nov 2021 15:03

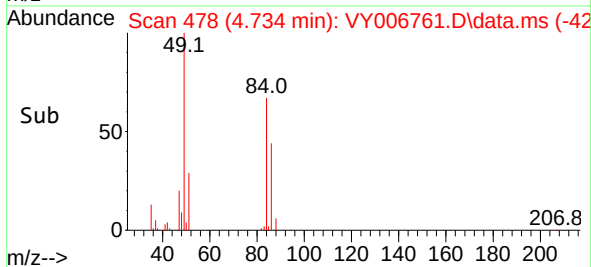
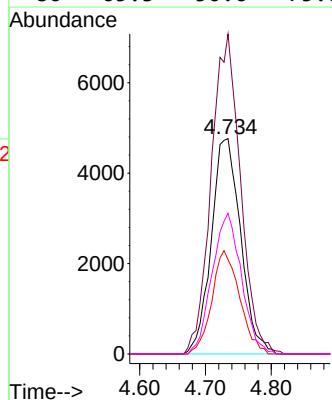
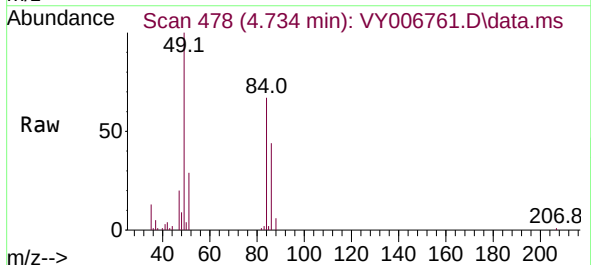
Instrument :
MSVOA_Y
ClientSampleId :
AU-5-111221

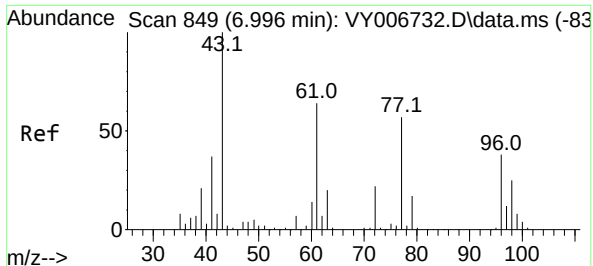
Tgt Ion: 43 Resp: 3703
Ion Ratio Lower Upper
43 100
58 23.3 22.9 34.3



#20
Methylene Chloride
Concen: 10.941 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY006761.D
Acq: 16 Nov 2021 15:03

Tgt Ion: 84 Resp: 14797
Ion Ratio Lower Upper
84 100
49 148.6 107.8 161.8
51 43.7 32.8 49.2
86 65.3 50.6 75.8





#25

2-Butanone

Concen: 12.958 ug/l

RT: 7.002 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY006761.D

Acq: 16 Nov 2021 15:03

Instrument :

MSVOA_Y

ClientSampleId :

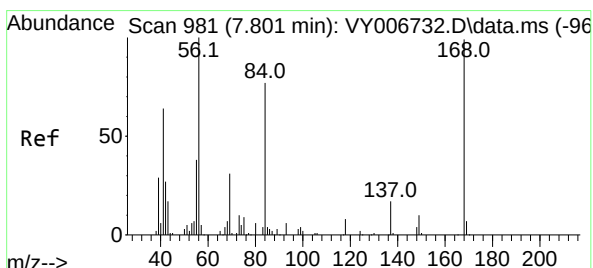
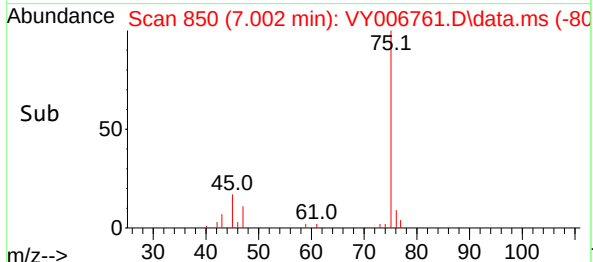
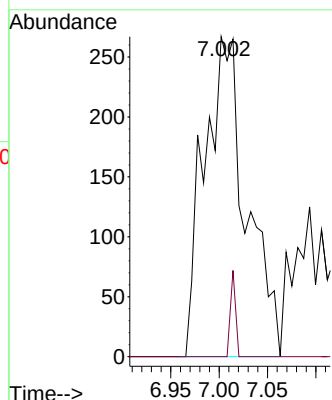
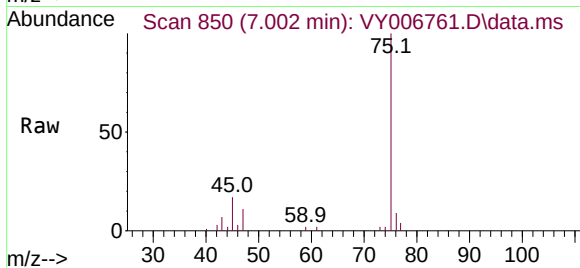
AU-5-111221

Tgt Ion: 43 Resp: 809

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#31

Cyclohexane

Concen: 1.151 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY006761.D

Acq: 16 Nov 2021 15:03

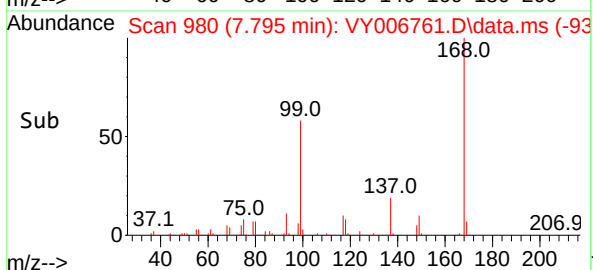
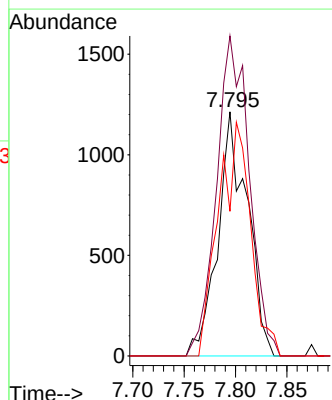
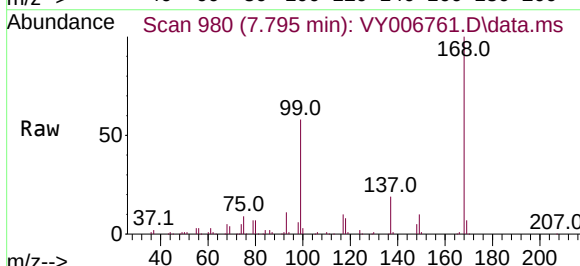
Tgt Ion: 56 Resp: 2425

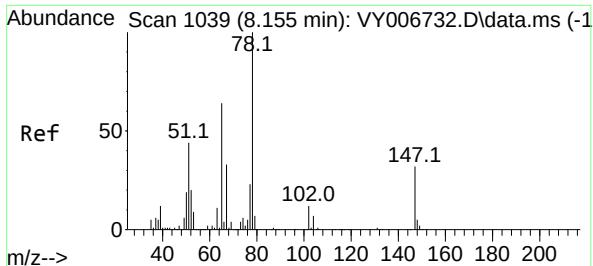
Ion Ratio Lower Upper

56 100

69 131.1 26.6 40.0#

84 59.2 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 59.491 ug/l

RT: 8.148 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY006761.D

Acq: 16 Nov 2021 15:03

Instrument :

MSVOA_Y

ClientSampleId :

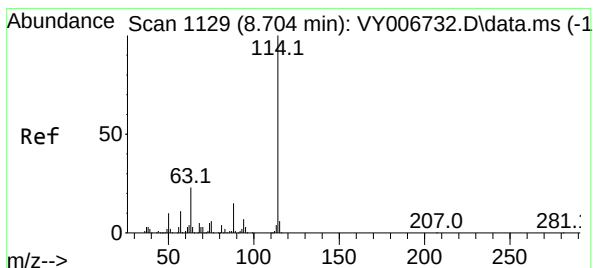
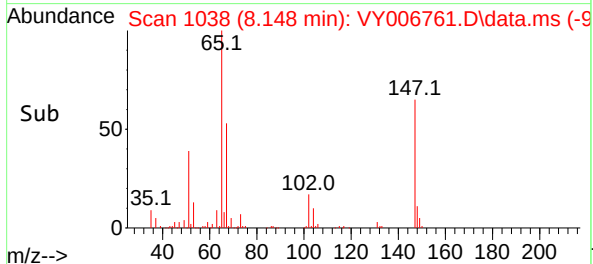
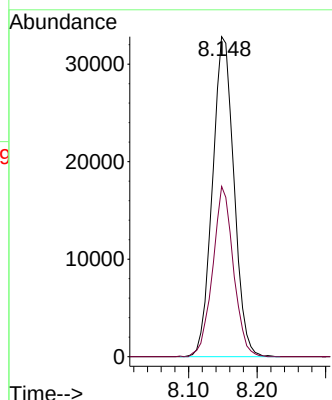
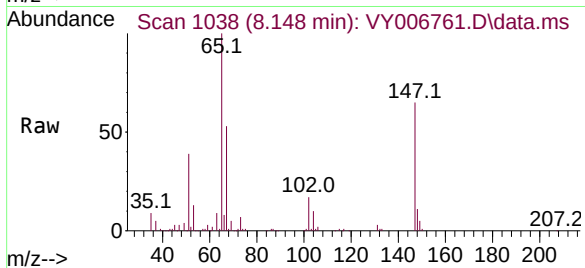
AU-5-111221

Tgt Ion: 65 Resp: 71304

Ion Ratio Lower Upper

65 100

67 51.4 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.007 min

Lab File: VY006761.D

Acq: 16 Nov 2021 15:03

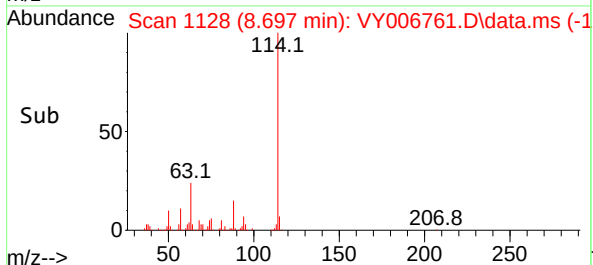
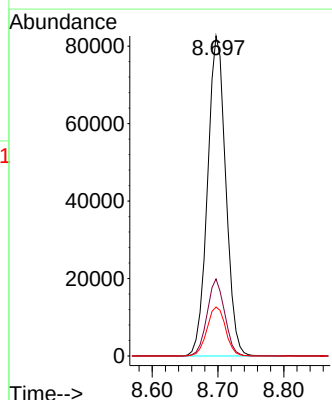
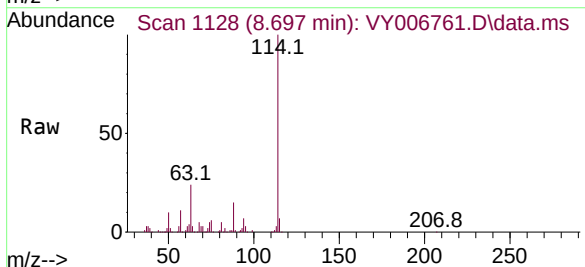
Tgt Ion: 114 Resp: 159164

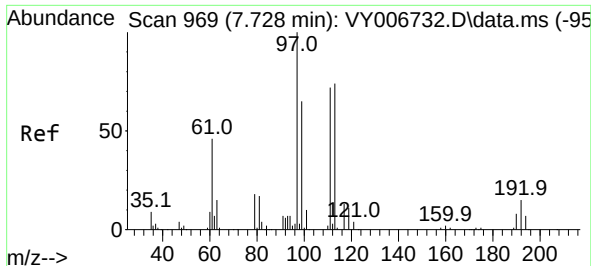
Ion Ratio Lower Upper

114 100

63 24.1 0.0 45.0

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.617 ug/l

RT: 7.728 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY006761.D

Acq: 16 Nov 2021 15:03

Instrument :

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ClientSampleId :

AU-5-111221

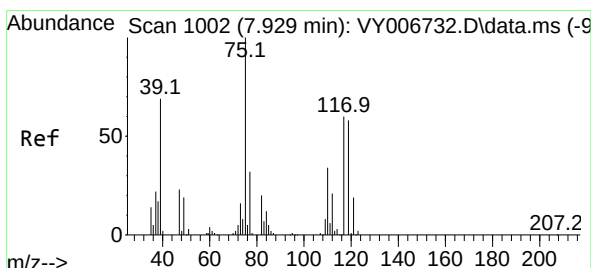
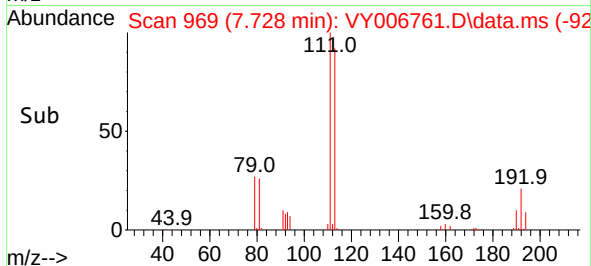
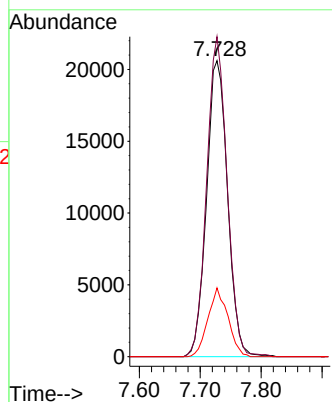
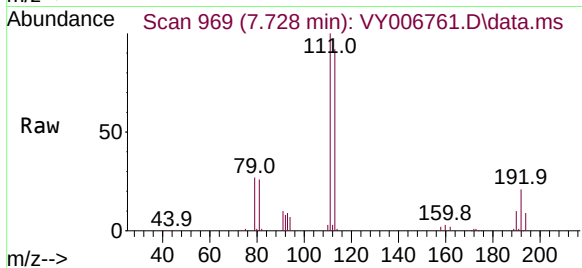
Tgt Ion:113 Resp: 49486

Ion Ratio Lower Upper

113 100

111 104.8 82.3 123.5

192 22.1 17.4 26.2



#36

1,1-Dichloropropene

Concen: 4.737 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY006761.D

Acq: 16 Nov 2021 15:03

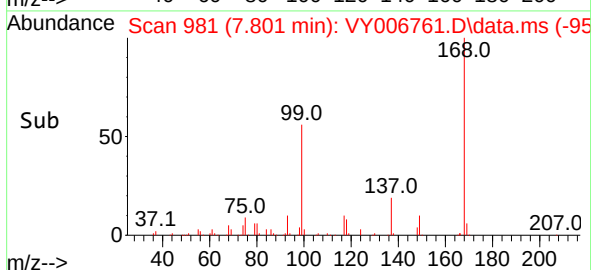
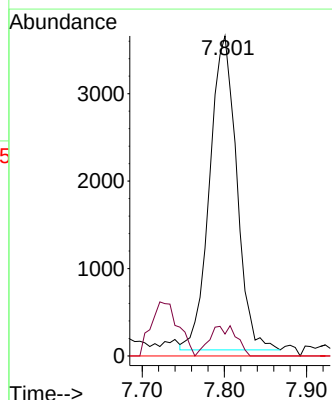
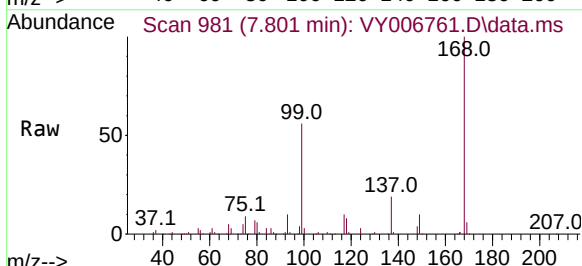
Tgt Ion: 75 Resp: 8195

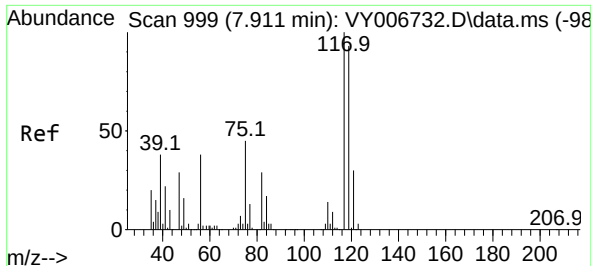
Ion Ratio Lower Upper

75 100

110 9.5 17.1 51.3#

77 0.0 24.9 37.3#

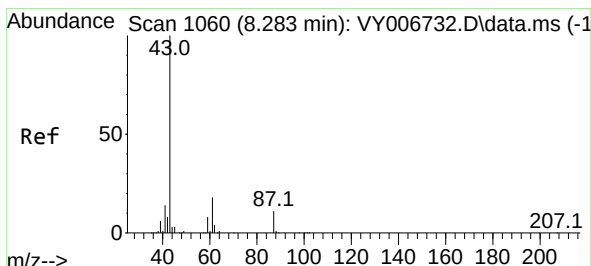
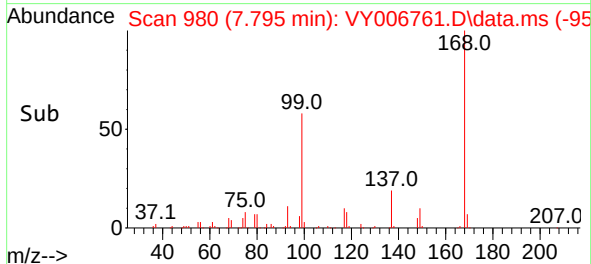
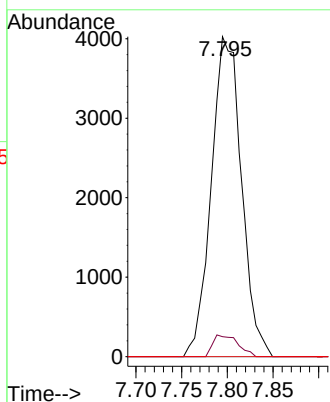
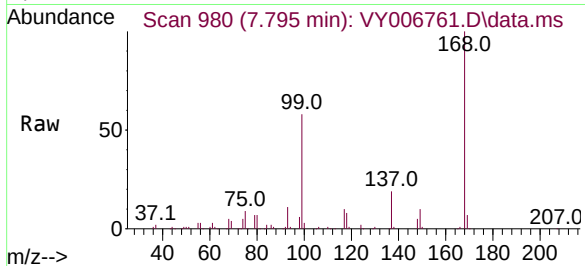




#38
Carbon Tetrachloride
Concen: 5.226 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY006761.D
Acq: 16 Nov 2021 15:03

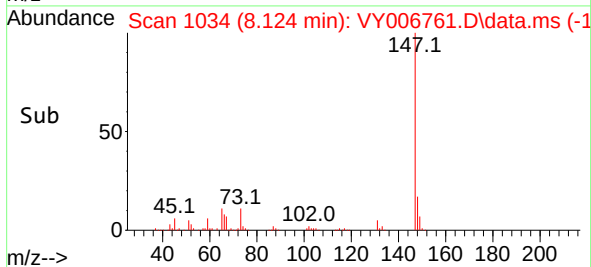
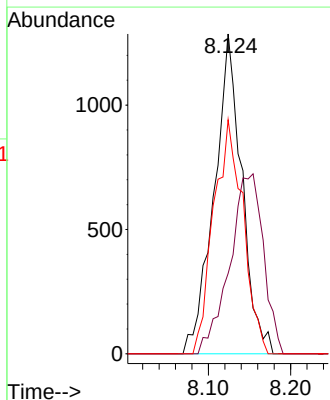
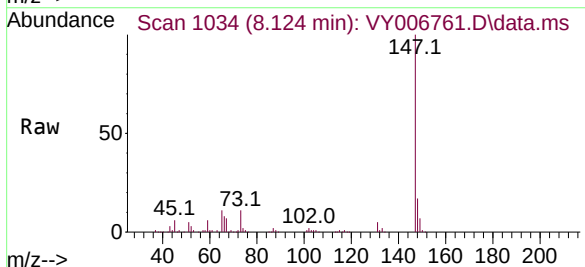
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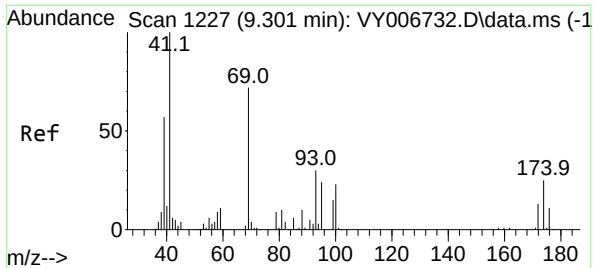
Tgt Ion:117 Resp: 9248
Ion Ratio Lower Upper
117 100
119 6.3 76.6 115.0#
121 0.0 24.7 37.1#



#43
Isopropyl Acetate
Concen: 1.388 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.159 min
Lab File: VY006761.D
Acq: 16 Nov 2021 15:03

Tgt Ion: 43 Resp: 3011
Ion Ratio Lower Upper
43 100
61 0.0 20.5 30.7#
87 77.6 9.0 13.6#

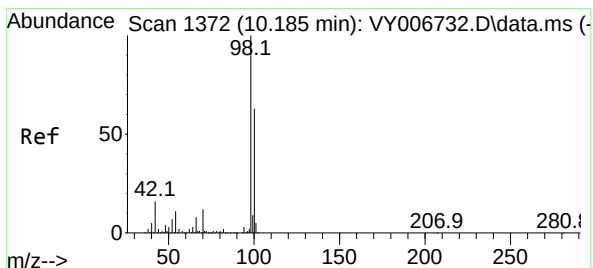
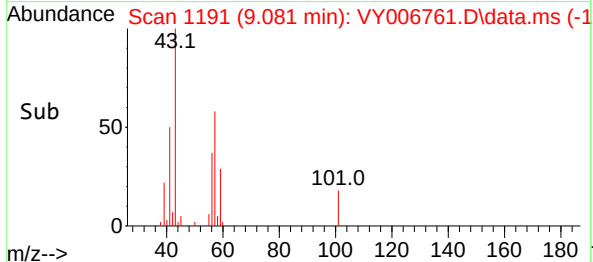
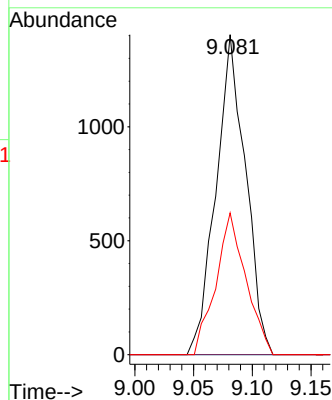
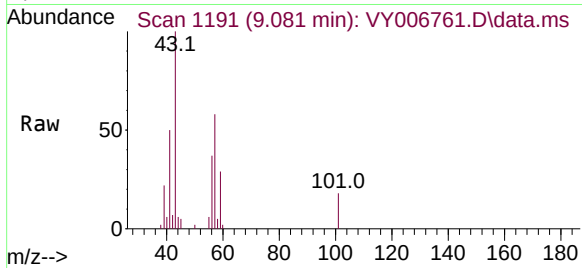




#48
Methyl methacrylate
Concen: 2.387 ug/l
RT: 9.081 min Scan# 1191
Delta R.T. -0.220 min
Lab File: VY006761.D
Acq: 16 Nov 2021 15:03

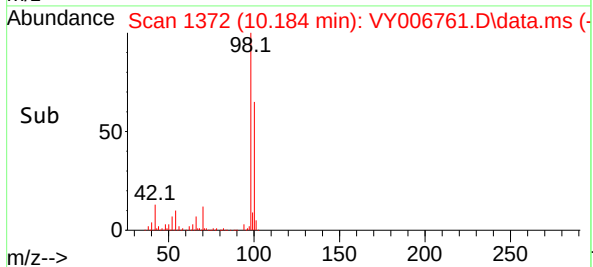
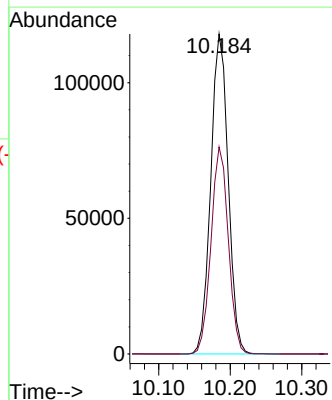
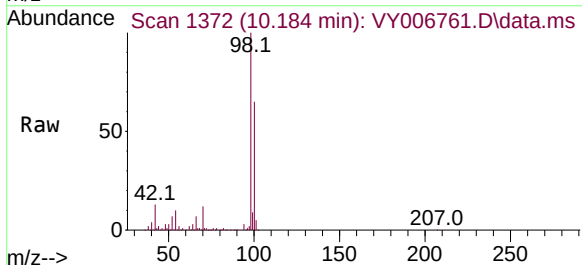
Instrument :
MSVOA_Y
ClientSampleId :
AU-5-111221

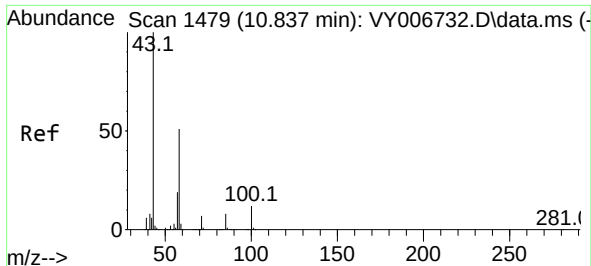
Tgt Ion: 41 Resp: 2454
Ion Ratio Lower Upper
41 100
69 0.0 60.4 90.6#
39 45.1 48.2 72.2#



#50
Toluene-d8
Concen: 49.304 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006761.D
Acq: 16 Nov 2021 15:03

Tgt Ion: 98 Resp: 199467
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3

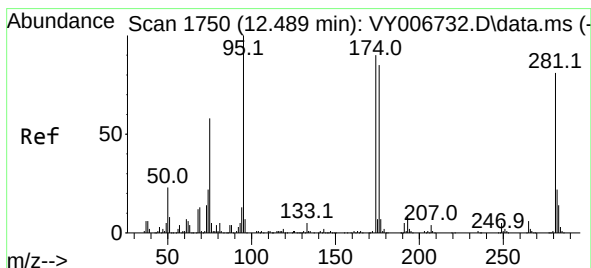
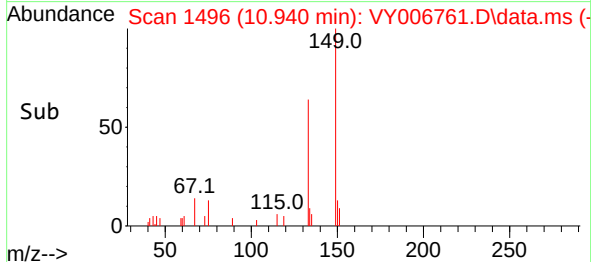
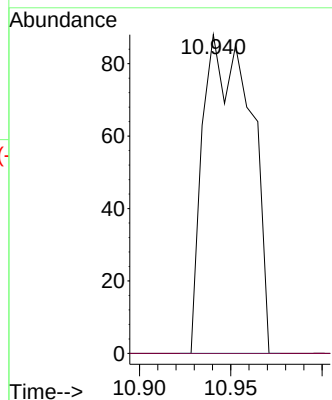
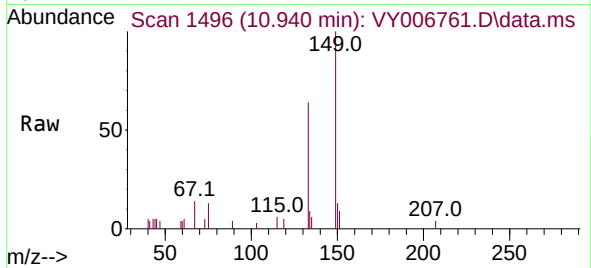




#59
2-Hexanone
Concen: 23.989 ug/l
RT: 10.940 min Scan# 1479
Delta R.T. 0.103 min
Lab File: VY006761.D
Acq: 16 Nov 2021 15:03

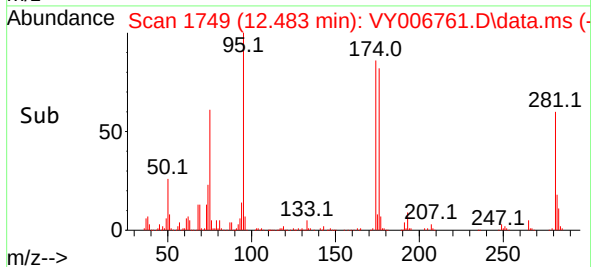
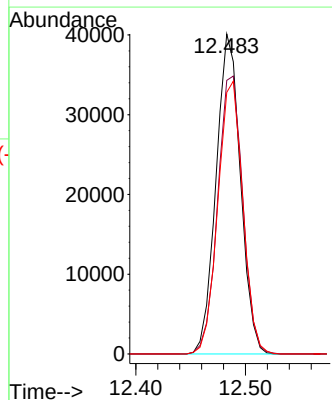
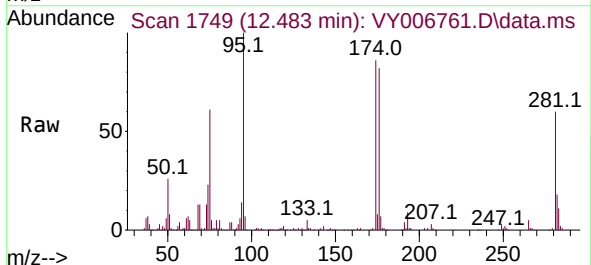
Instrument :
MSVOA_Y
ClientSampleId :
AU-5-111221

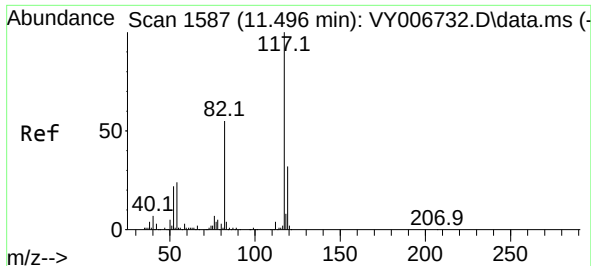
Tgt Ion: 43 Resp: 160
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 45.396 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.007 min
Lab File: VY006761.D
Acq: 16 Nov 2021 15:03

Tgt Ion: 95 Resp: 61915
Ion Ratio Lower Upper
95 100
174 89.5 0.0 177.0
176 87.2 0.0 169.4

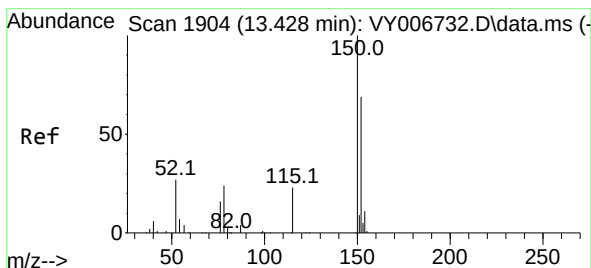
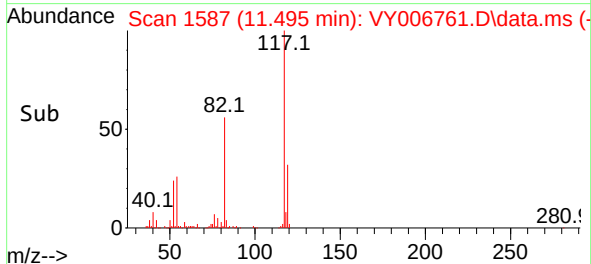
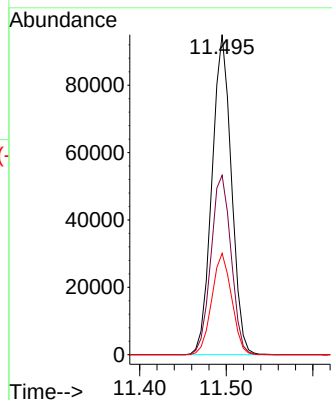
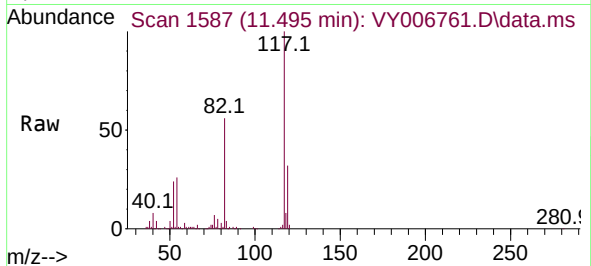




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006761.D
Acq: 16 Nov 2021 15:03

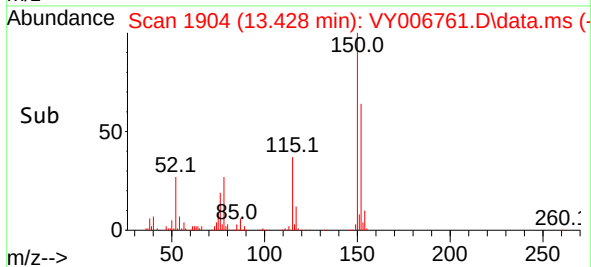
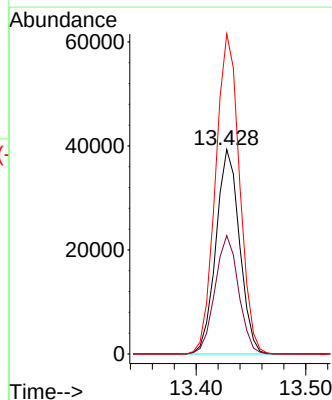
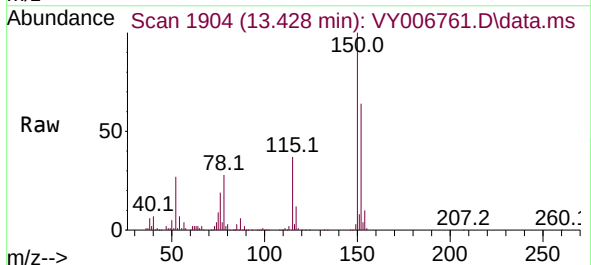
Instrument :
MSVOA_Y
ClientSampleId :
AU-5-111221

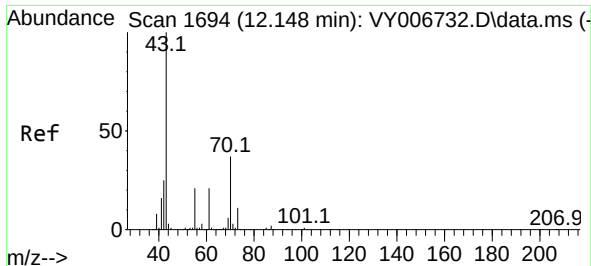
Tgt Ion:117 Resp: 148137
Ion Ratio Lower Upper
117 100
82 56.0 45.7 68.5
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006761.D
Acq: 16 Nov 2021 15:03

Tgt Ion:152 Resp: 58765
Ion Ratio Lower Upper
152 100
115 57.9 28.5 85.5
150 159.4 0.0 348.2

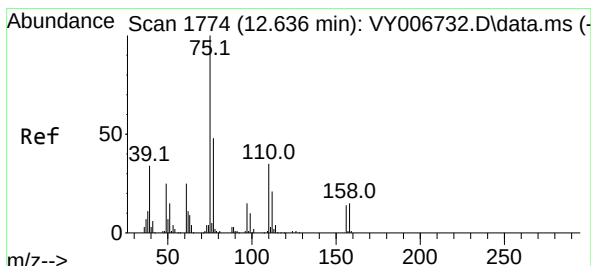
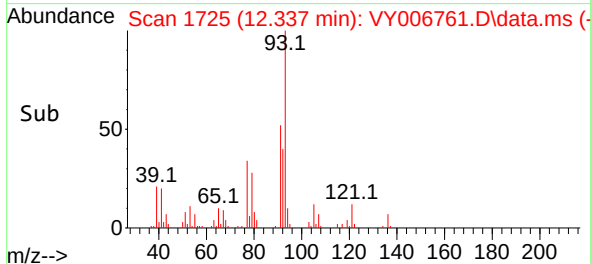
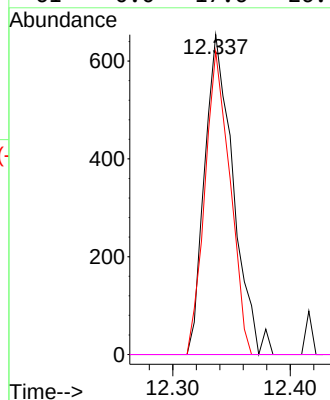
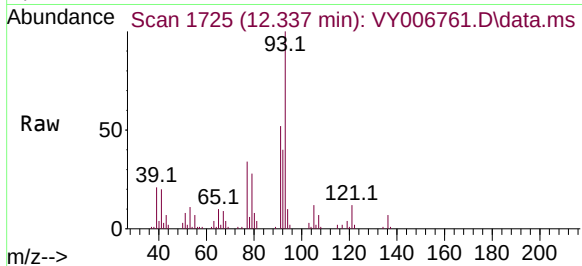




#74
N-amy1 acetate
Concen: 3.794 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.189 min
Lab File: VY006761.D
Acq: 16 Nov 2021 15:03

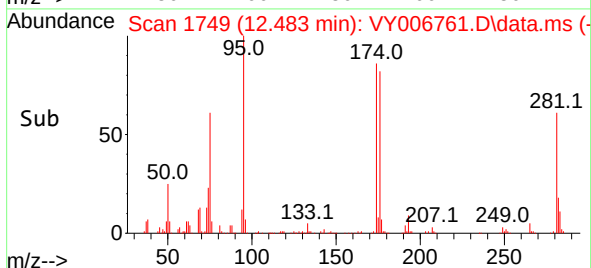
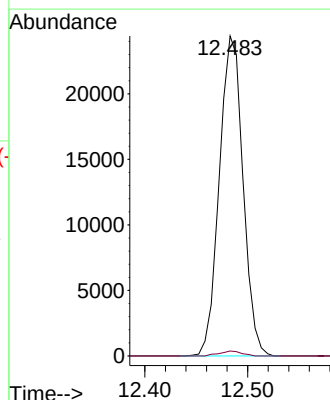
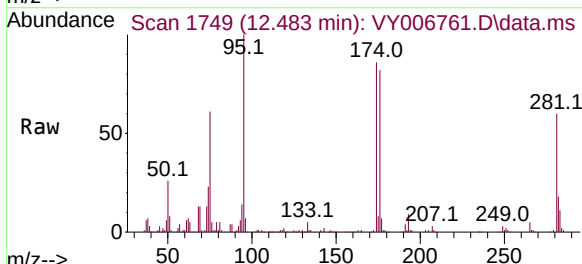
Instrument :
MSVOA_Y
ClientSampleId :
AU-5-111221

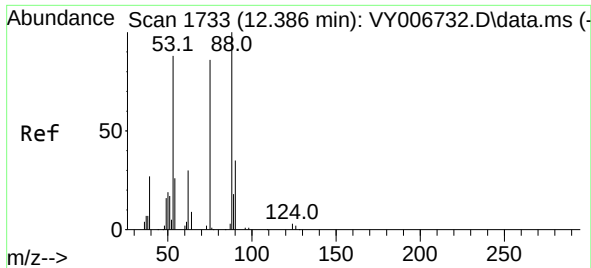
Tgt Ion: 43	Resp:	1105
Ion Ratio	Lower	Upper
43	100	
70	0.0	29.4 44.0#
55	83.3	18.1 27.1#
61	0.0	17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 61.098 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006761.D
Acq: 16 Nov 2021 15:03

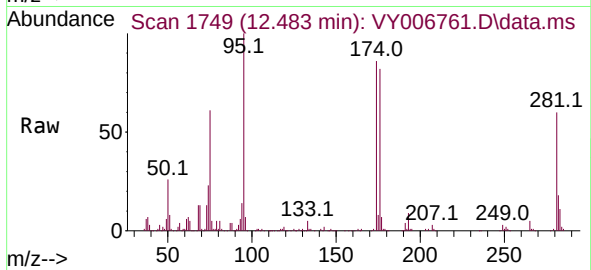
Tgt Ion: 75	Resp:	39036
Ion Ratio	Lower	Upper
75	100	
77	1.5	0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.064 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY006761.D
 Acq: 16 Nov 2021 15:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-5-111221



Tgt Ion: 75 Resp: 39036
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.8 128.6#
 89 0.7 39.3 58.9#

