

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111521\
 Data File : VY006744.D
 Acq On : 15 Nov 2021 20:33
 Operator : SY/MD
 Sample : M4680-03
 Misc : 5.68G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Nov 16 04:23:24 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)

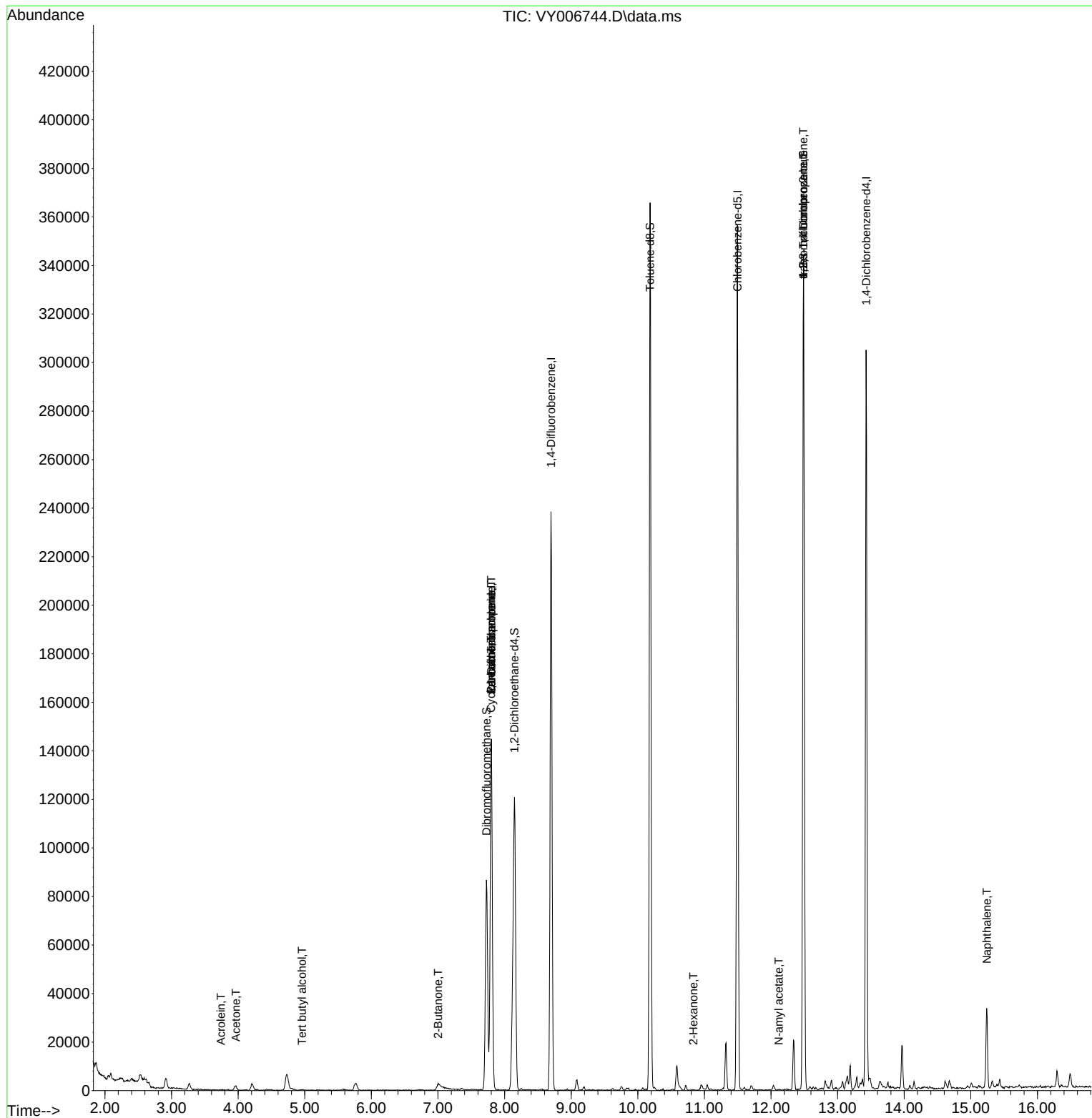
Internal Standards						
1) Pentafluorobenzene	7.801	168	107486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	184766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	171036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82302	58.423	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.840%			
35) Dibromofluoromethane	7.728	113	58421	51.477	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.960%			
50) Toluene-d8	10.185	98	228845	48.728	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.460%			
62) 4-Bromofluorobenzene	12.483	95	74362	46.968	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.940%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	482	2.275	ug/l #	72
13) Acrolein	3.741	56	89	3.003	ug/l #	24
16) Acetone	3.967	43	3286	7.677	ug/l	94
20) Methylene Chloride	4.741	84	4344	Below Cal	#	90
25) 2-Butanone	7.003	43	604	12.426	ug/l #	87
31) Cyclohexane	7.795	56	2852	1.152	ug/l #	2
36) 1,1-Dichloropropene	7.801	75	9925	4.942	ug/l #	49
38) Carbon Tetrachloride	7.801	117	10895	5.304	ug/l #	16
59) 2-Hexanone	10.837	43	267	24.064	ug/l #	28
74) N-amyl acetate	12.118	43	144	3.225	ug/l #	55
76) 1,2,3-Trichloropropane	12.483	75	44055	57.593	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44055	114.119	ug/l #	7
95) Naphthalene	15.239	128	25600	10.101	ug/l	99

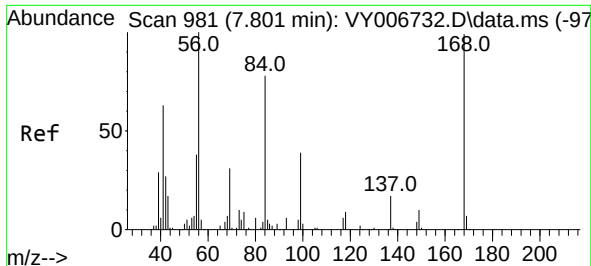
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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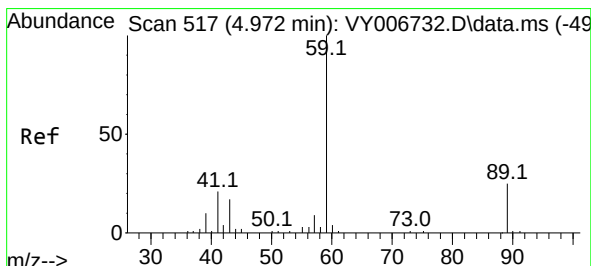
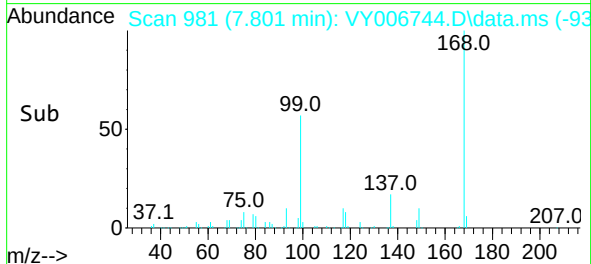
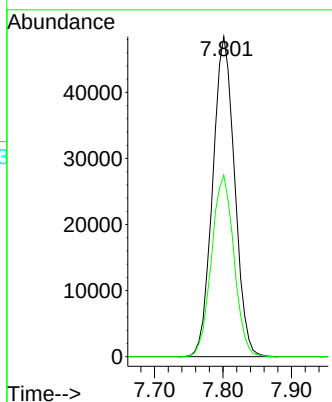
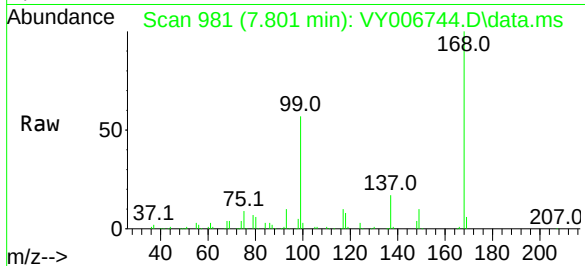




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006744.D
Acq: 15 Nov 2021 20:33

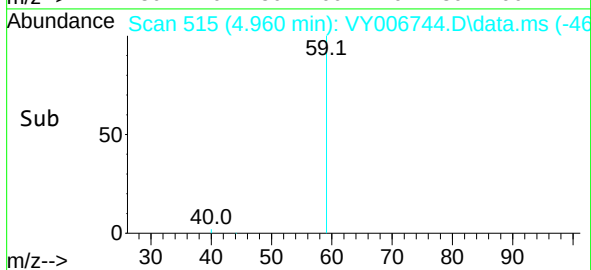
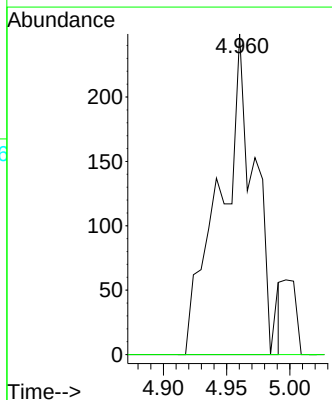
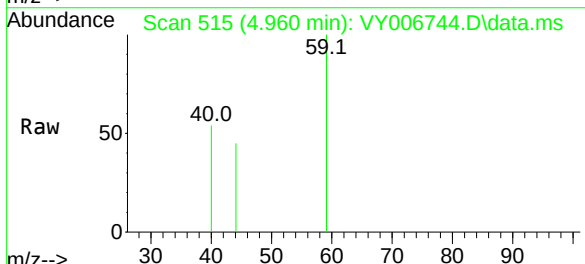
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

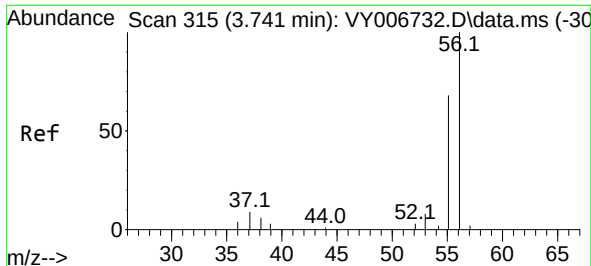
Tgt Ion:168 Resp: 107486
Ion Ratio Lower Upper
168 100
99 56.7 44.8 67.2



#11
Tert butyl alcohol
Concen: 2.275 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY006744.D
Acq: 15 Nov 2021 20:33

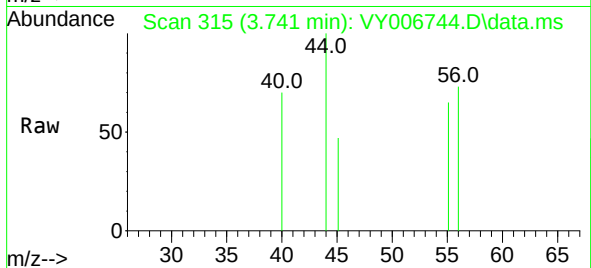
Tgt Ion: 59 Resp: 482
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



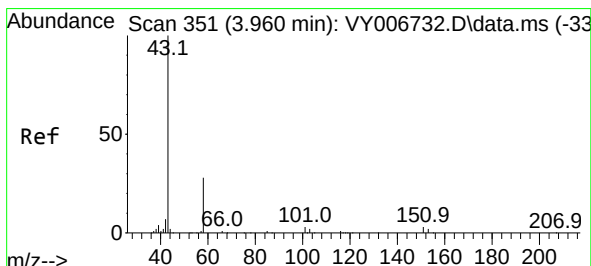
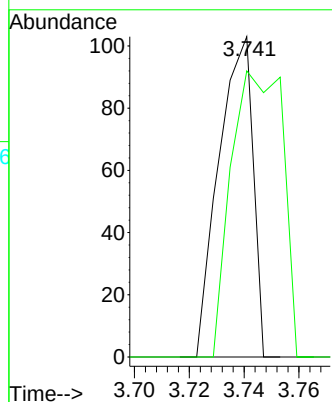
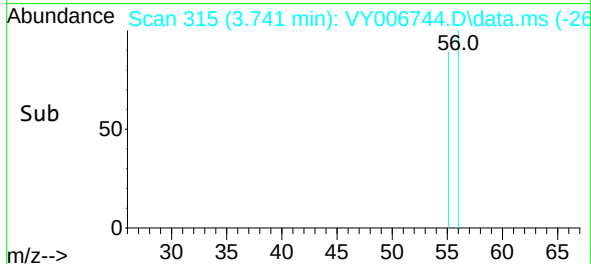


#13
Acrolein
Concen: 3.003 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY006744.D
Acq: 15 Nov 2021 20:33

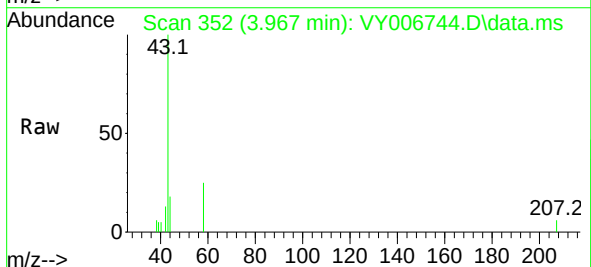
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3



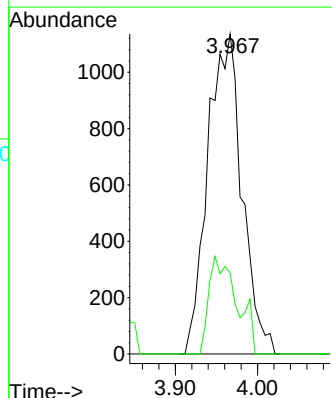
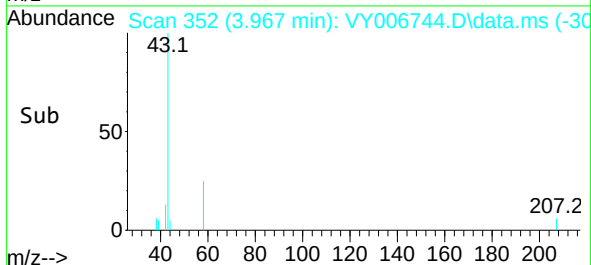
Tgt Ion: 56 Resp: 89
Ion Ratio Lower Upper
56 100
55 134.8 57.1 85.7#

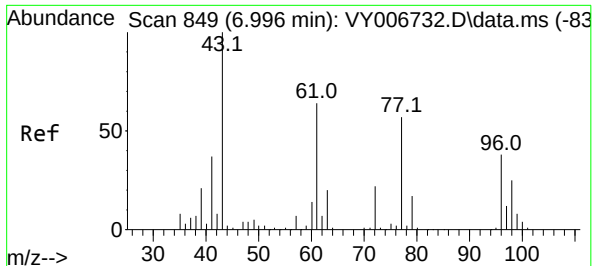


#16
Acetone
Concen: 7.677 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY006744.D
Acq: 15 Nov 2021 20:33



Tgt Ion: 43 Resp: 3286
Ion Ratio Lower Upper
43 100
58 25.4 22.9 34.3





#25

2-Butanone

Concen: 12.426 ug/l

RT: 7.003 min Scan# 81

Delta R.T. 0.007 min

Lab File: VY006744.D

Acq: 15 Nov 2021 20:33

Instrument :

MSVOA_Y

ClientSampleId :

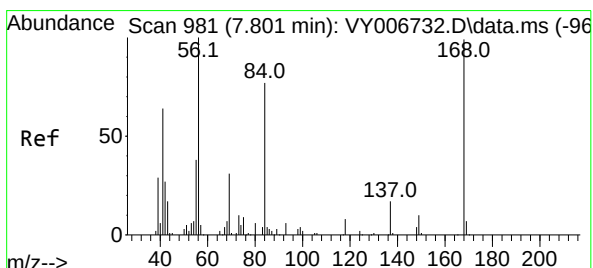
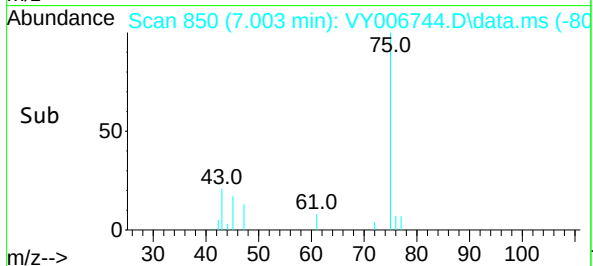
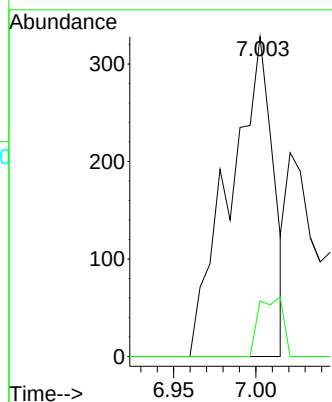
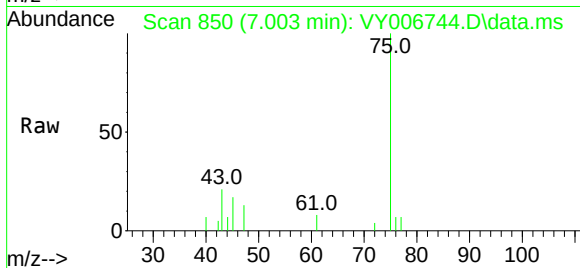
COMP-3

Tgt Ion: 43 Resp: 604

Ion Ratio Lower Upper

43 100

72 17.4 18.9 28.3#



#31

Cyclohexane

Concen: 1.152 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY006744.D

Acq: 15 Nov 2021 20:33

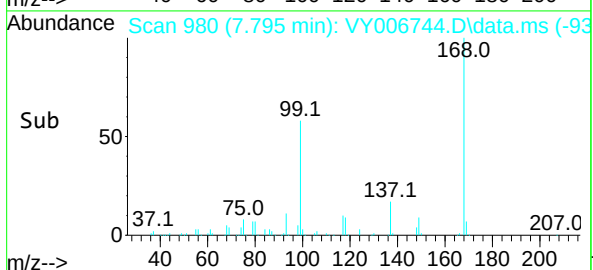
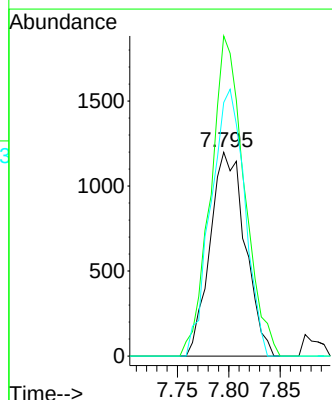
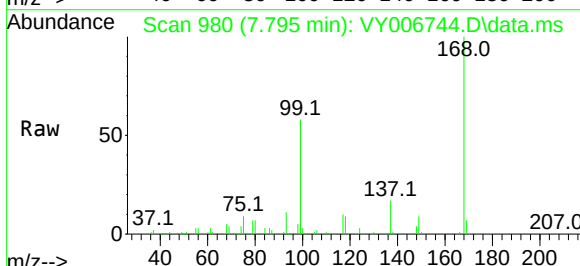
Tgt Ion: 56 Resp: 2852

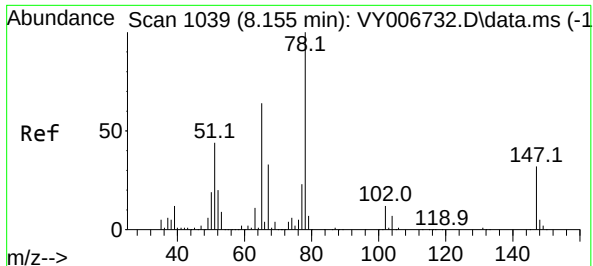
Ion Ratio Lower Upper

56 100

69 157.0 26.6 40.0#

84 124.4 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 58.423 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY006744.D

Acq: 15 Nov 2021 20:33

Instrument :

MSVOA_Y

ClientSampleId :

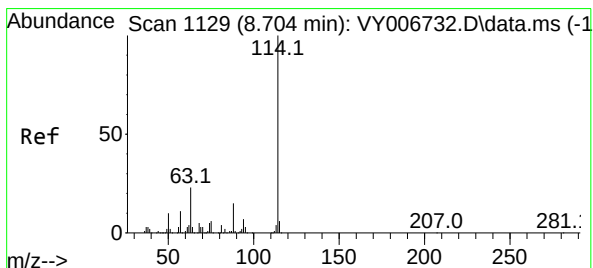
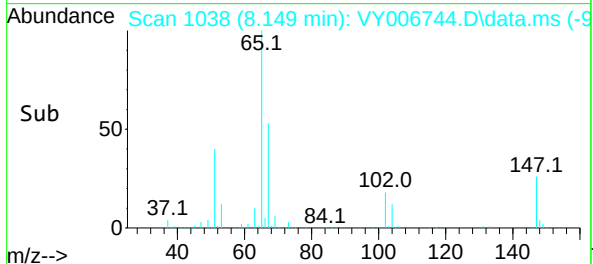
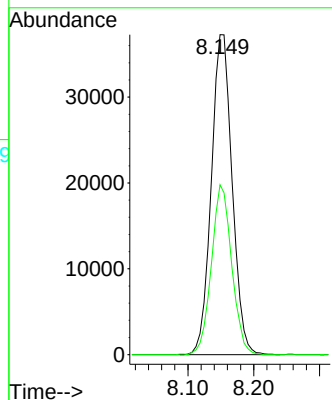
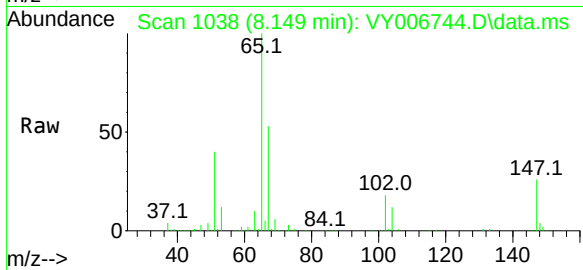
COMP-3

Tgt Ion: 65 Resp: 82302

Ion Ratio Lower Upper

65 100

67 51.7 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: VY006744.D

Acq: 15 Nov 2021 20:33

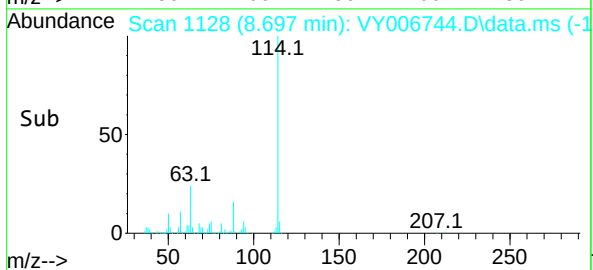
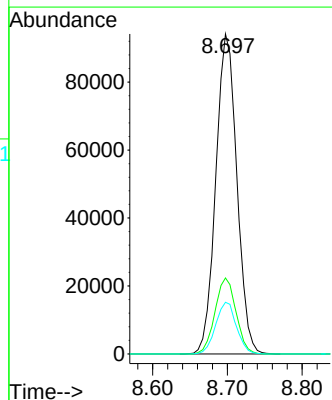
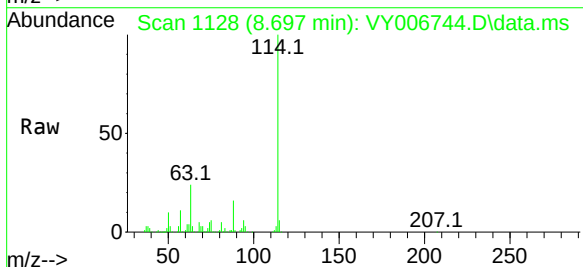
Tgt Ion: 114 Resp: 184766

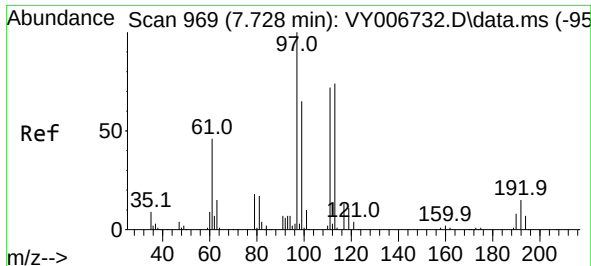
Ion Ratio Lower Upper

114 100

63 23.8 0.0 45.0

88 16.1 0.0 30.6

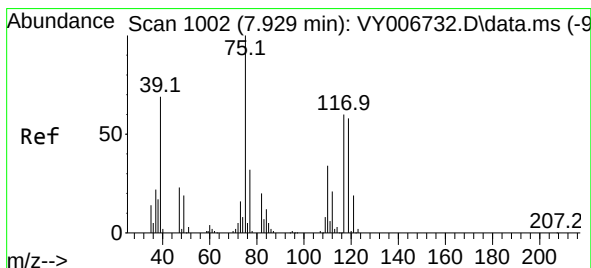
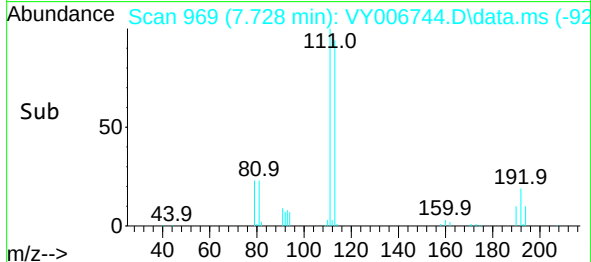
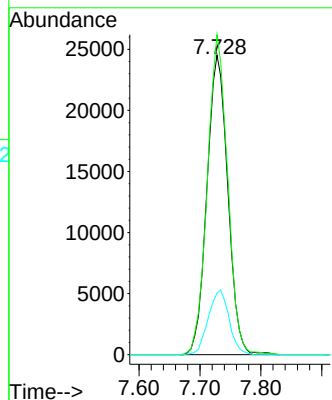
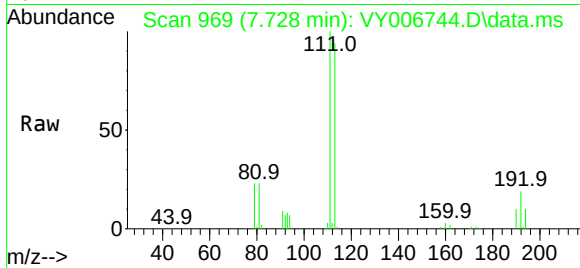




#35
Dibromofluoromethane
Concen: 51.477 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY006744.D
Acq: 15 Nov 2021 20:33

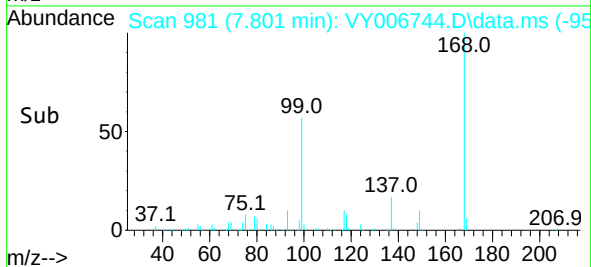
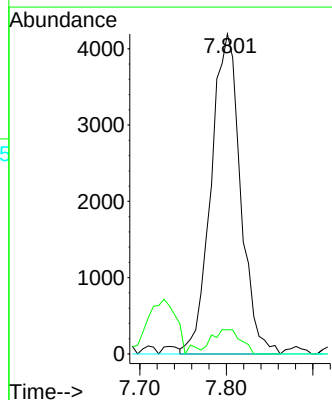
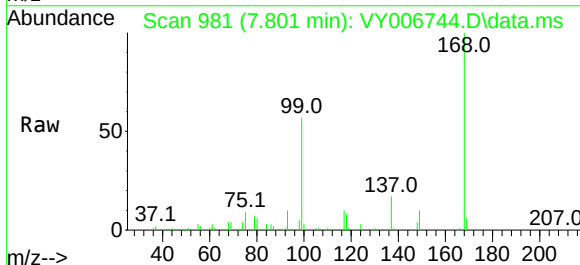
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

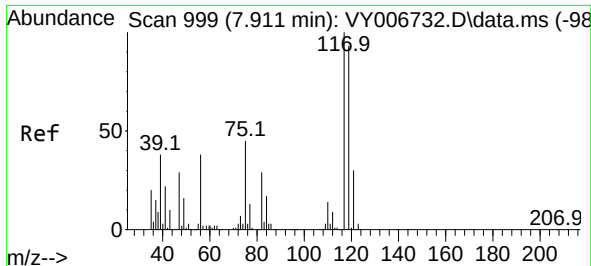
Tgt Ion:113 Resp: 58421
Ion Ratio Lower Upper
113 100
111 103.9 82.3 123.5
192 21.5 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.942 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY006744.D
Acq: 15 Nov 2021 20:33

Tgt Ion: 75 Resp: 9925
Ion Ratio Lower Upper
75 100
110 7.4 17.1 51.3#
77 0.0 24.9 37.3#

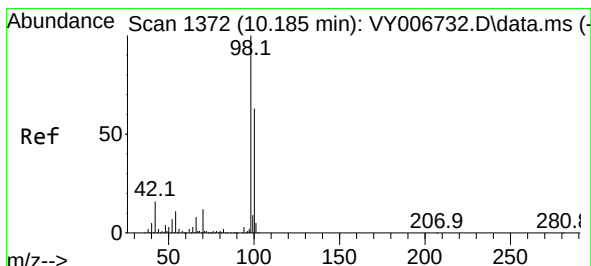
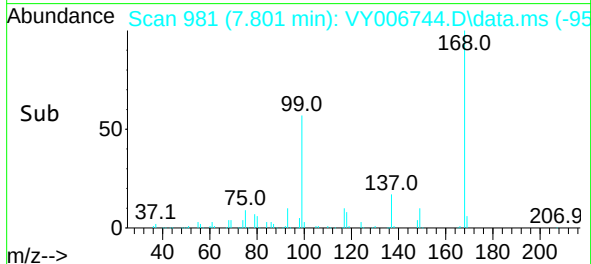
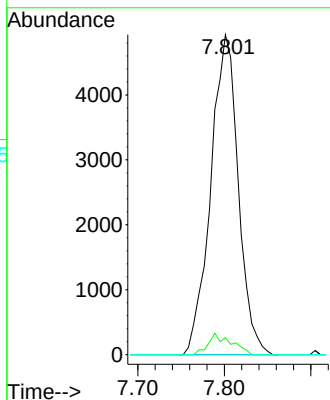
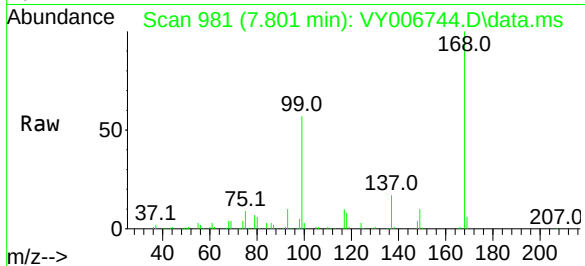




#38
Carbon Tetrachloride
Concen: 5.304 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006744.D
Acq: 15 Nov 2021 20:33

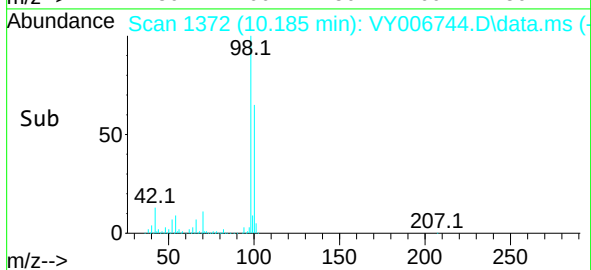
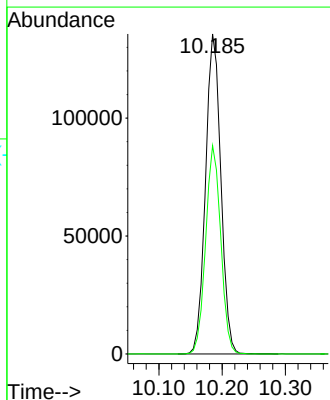
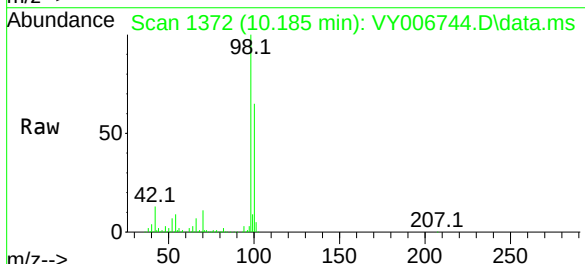
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COMP-3

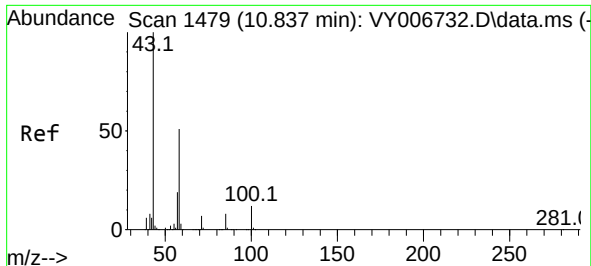
Tgt Ion:117 Resp: 10895
Ion Ratio Lower Upper
117 100
119 5.3 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.728 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006744.D
Acq: 15 Nov 2021 20:33

Tgt Ion: 98 Resp: 228845
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3

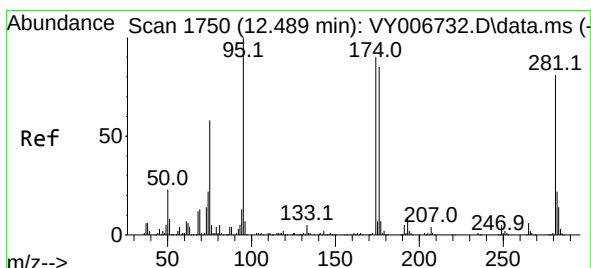
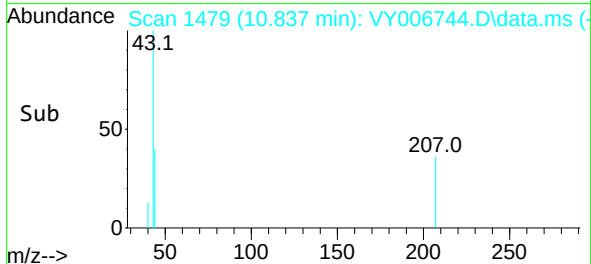
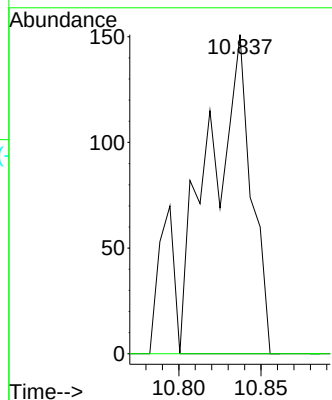
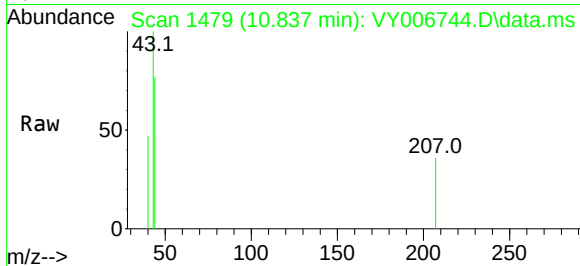




#59
2-Hexanone
Concen: 24.064 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY006744.D
Acq: 15 Nov 2021 20:33

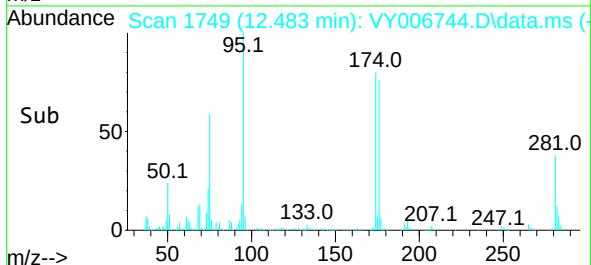
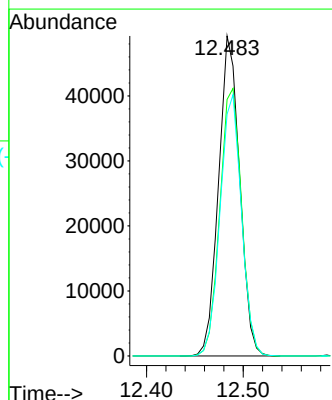
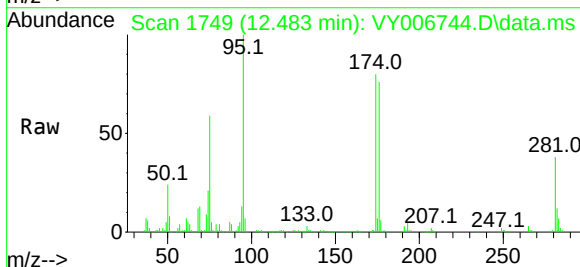
Instrument :
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COMP-3

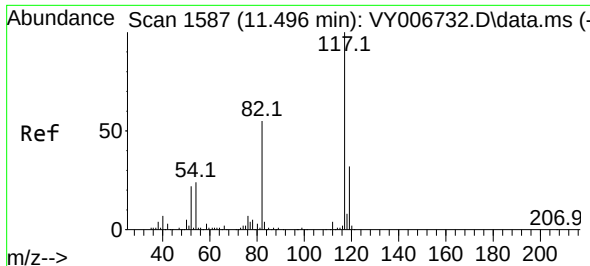
Tgt Ion: 43 Resp: 267
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 46.968 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006744.D
Acq: 15 Nov 2021 20:33

Tgt Ion: 95 Resp: 74362
Ion Ratio Lower Upper
95 100
174 86.3 0.0 177.0
176 82.9 0.0 169.4

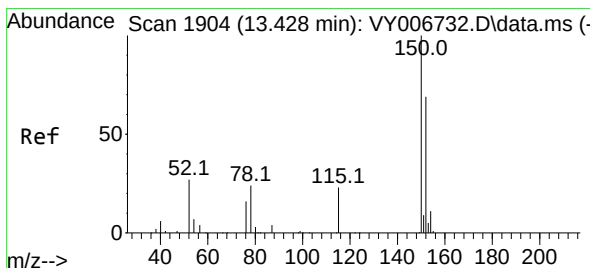
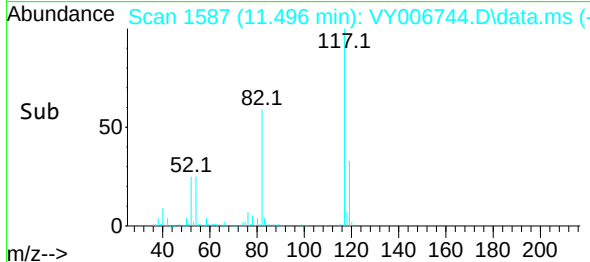
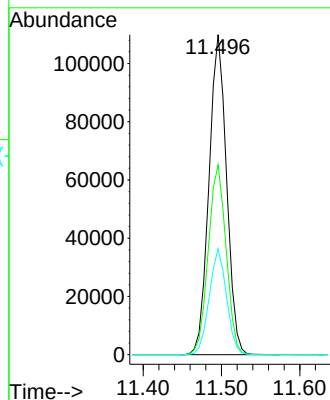
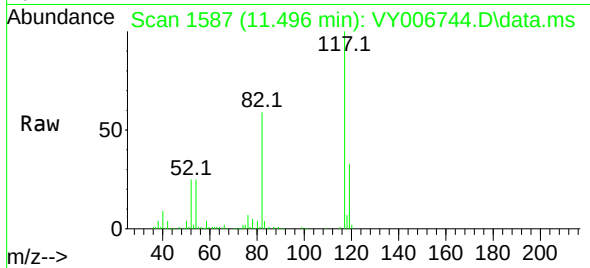




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006744.D
Acq: 15 Nov 2021 20:33

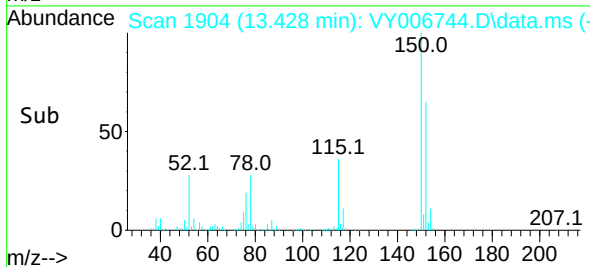
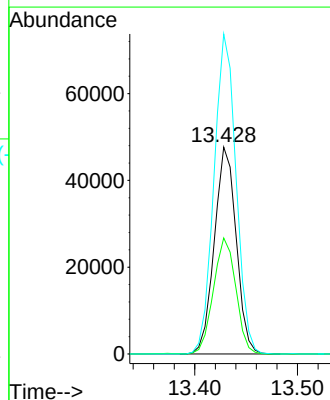
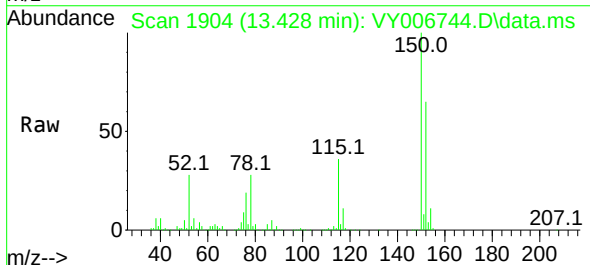
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

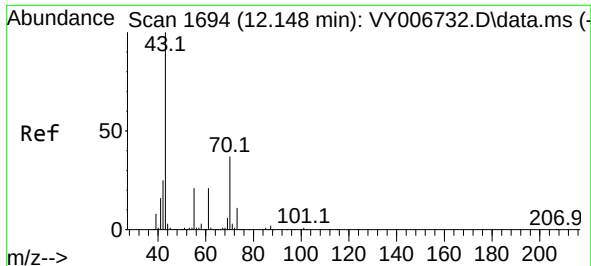
Tgt Ion:117 Resp: 171036
Ion Ratio Lower Upper
117 100
82 59.3 45.7 68.5
119 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006744.D
Acq: 15 Nov 2021 20:33

Tgt Ion:152 Resp: 70357
Ion Ratio Lower Upper
152 100
115 57.3 28.5 85.5
150 156.3 0.0 348.2

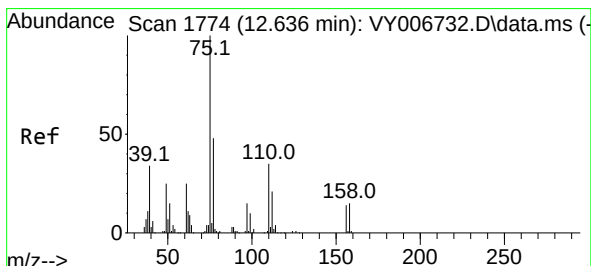
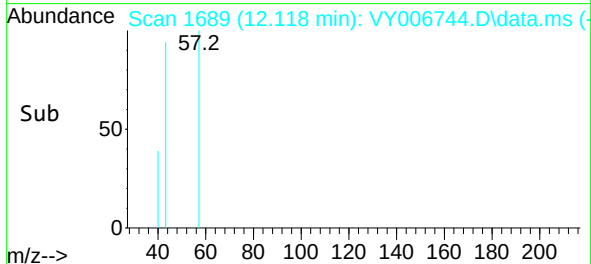
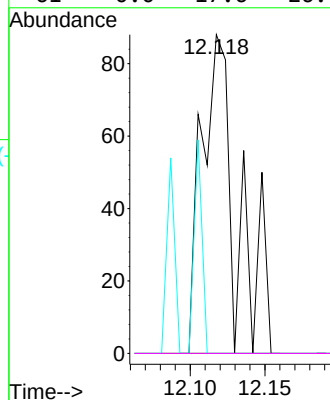
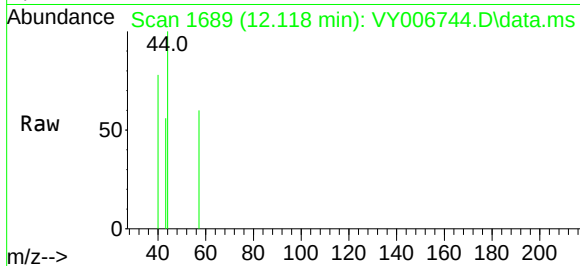




#74
N-amy1 acetate
Concen: 3.225 ug/l
RT: 12.118 min Scan# 1
Delta R.T. -0.030 min
Lab File: VY006744.D
Acq: 15 Nov 2021 20:33

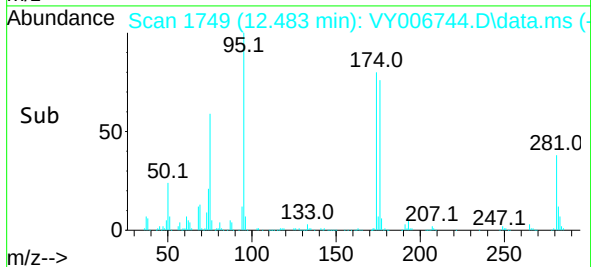
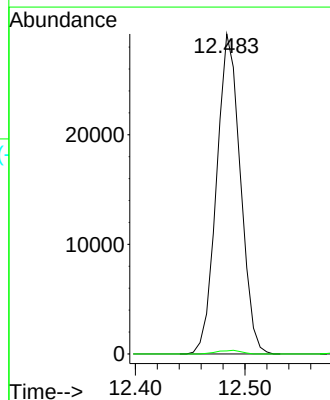
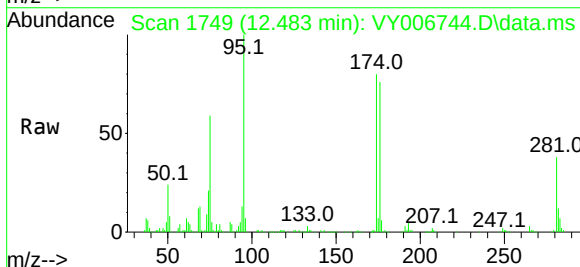
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

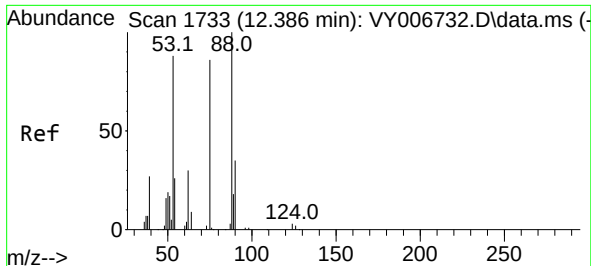
Tgt Ion: 43	Resp:	144
Ion	Ratio	Lower Upper
43	100	
70	0.0	29.4 44.0#
55	15.3	18.1 27.1#
61	0.0	17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 57.593 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006744.D
Acq: 15 Nov 2021 20:33

Tgt Ion: 75	Resp:	44055
Ion	Ratio	Lower Upper
75	100	
77	1.1	0.0 0.0#

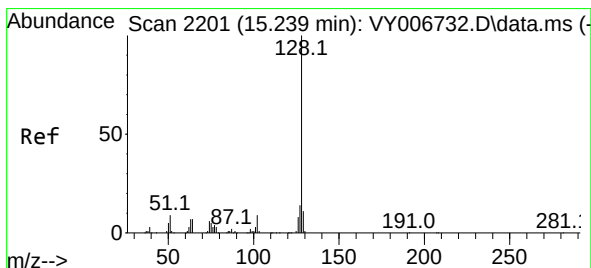
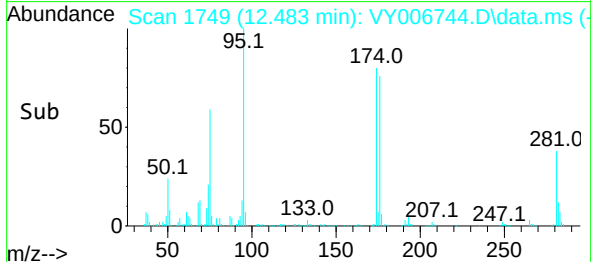
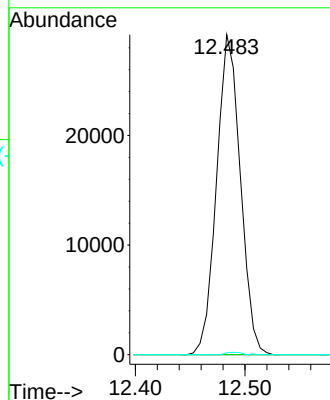
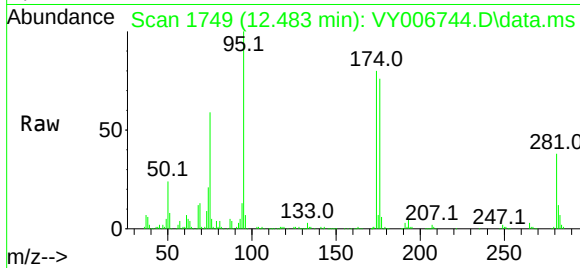




#81
trans-1,4-Dichloro-2-butene
Concen: 114.119 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY006744.D
Acq: 15 Nov 2021 20:33

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Tgt Ion: 75 Resp: 44055
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.5 39.3 58.9#



#95
Naphthalene
Concen: 10.101 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY006744.D
Acq: 15 Nov 2021 20:33

Tgt Ion:128 Resp: 25600
Ion Ratio Lower Upper
128 100
127 13.3 11.0 16.4
129 11.4 8.9 13.3

