

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
 Data File : VY006797.D
 Acq On : 17 Nov 2021 19:26
 Operator : SY/MD
 Sample : M4707-39
 Misc : 4.78G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 4-COMP

Quant Time: Nov 18 03:03:43 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)

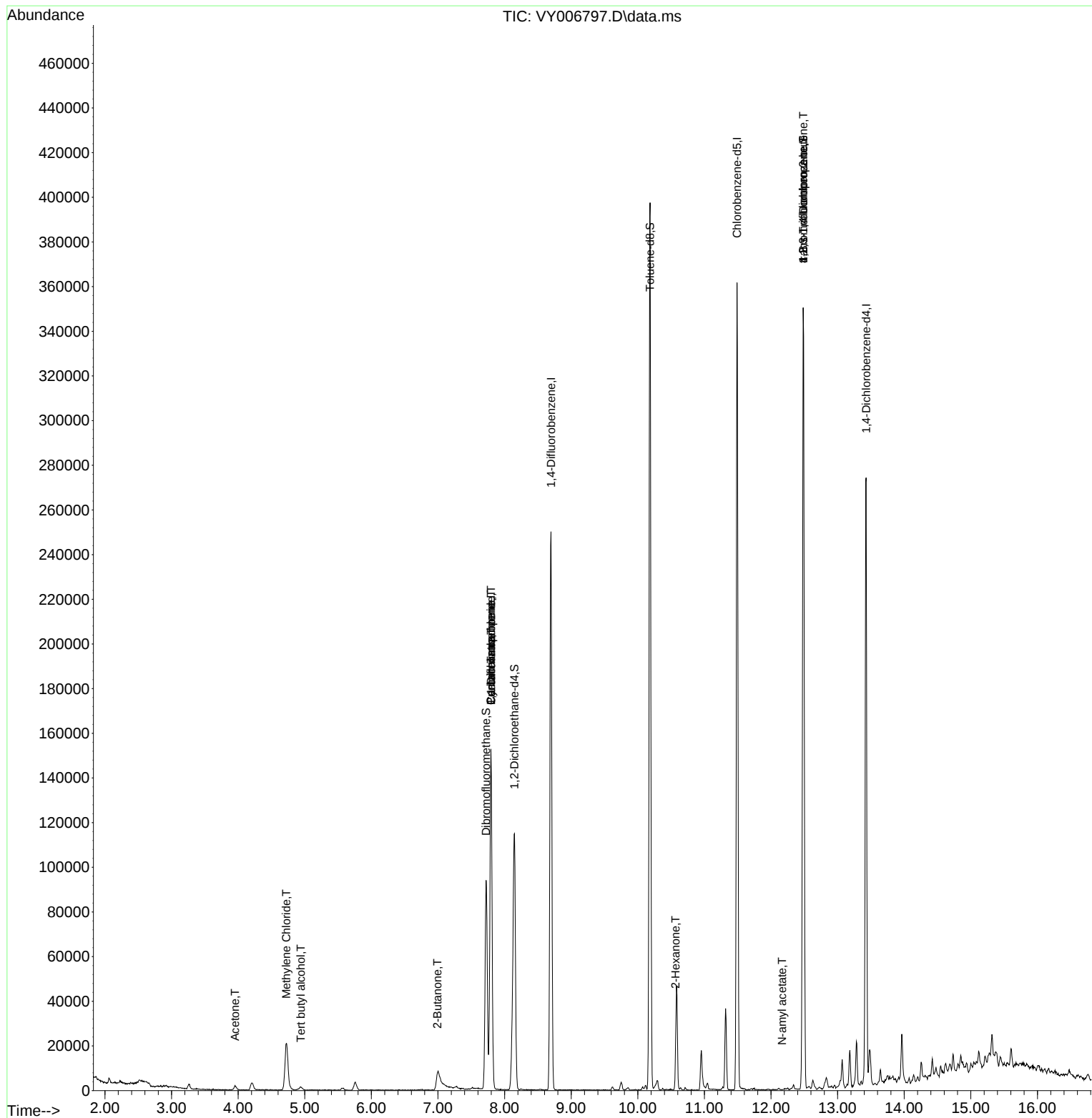
Internal Standards						
1) Pentafluorobenzene	7.795	168	112203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	196056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	176936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83244	56.607	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.220%	
35) Dibromofluoromethane	7.722	113	64113	53.239	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.480%	
50) Toluene-d8	10.185	98	248435	49.853	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.700%	
62) 4-Bromofluorobenzene	12.483	95	73588	43.802	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	1951	8.822	ug/l #	72
16) Acetone	3.954	43	3131	7.008	ug/l	95
20) Methylene Chloride	4.722	84	14705	8.163	ug/l	90
25) 2-Butanone	6.990	43	1093	13.105	ug/l #	52
31) Cyclohexane	7.795	56	2916	1.128	ug/l #	26
36) 1,1-Dichloropropene	7.795	75	10073	4.727	ug/l #	49
38) Carbon Tetrachloride	7.795	117	11581	5.313	ug/l #	16
59) 2-Hexanone	10.569	43	105	23.908	ug/l	96
74) N-amyl acetate	12.166	43	20	3.166	ug/l #	47
76) 1,2,3-Trichloropropane	12.483	75	43209	60.718	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43209	120.312	ug/l #	7

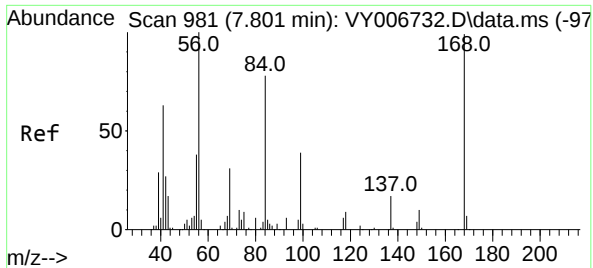
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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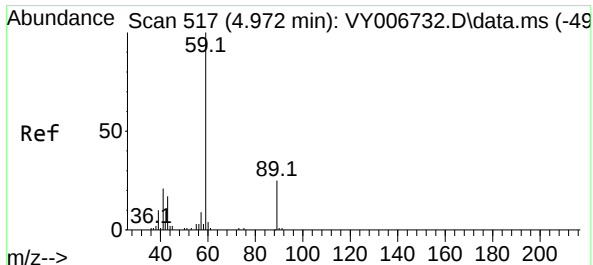
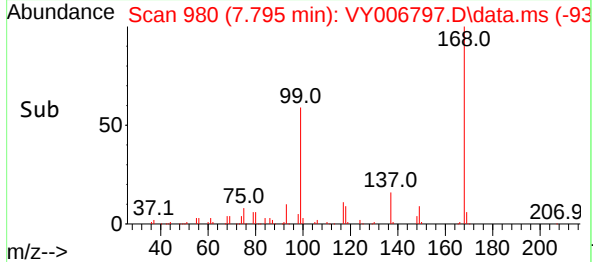
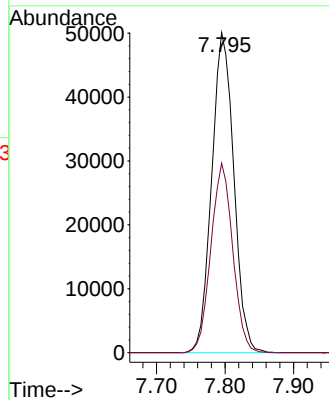
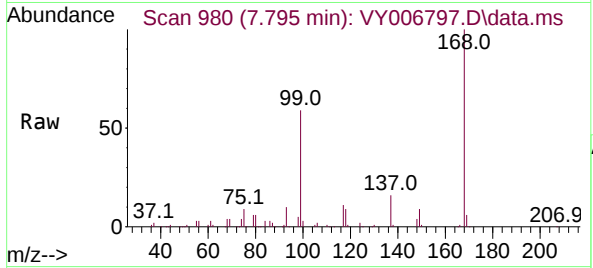




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006797.D
Acq: 17 Nov 2021 19:26

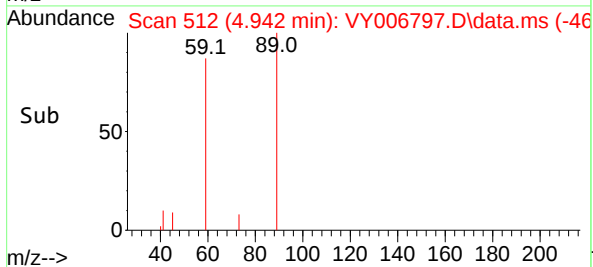
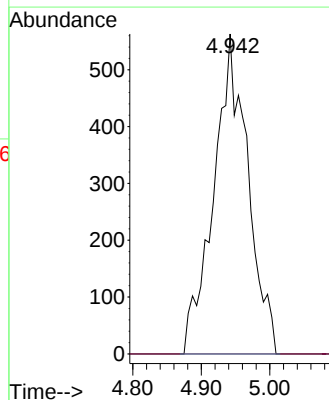
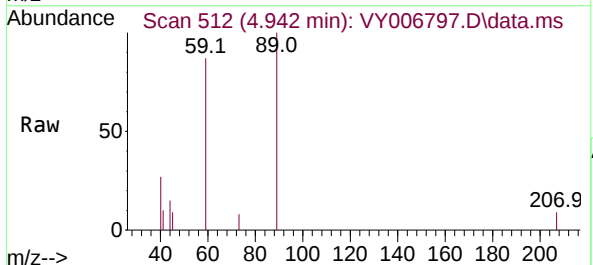
Instrument :
MSVOA_Y
ClientSampleId :
4-COMP

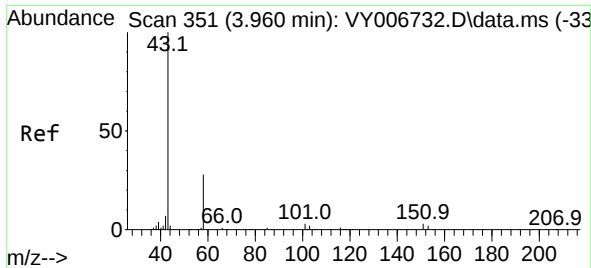
Tgt Ion:168 Resp: 112203
Ion Ratio Lower Upper
168 100
99 59.2 44.8 67.2



#11
Tert butyl alcohol
Concen: 8.822 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.030 min
Lab File: VY006797.D
Acq: 17 Nov 2021 19:26

Tgt Ion: 59 Resp: 1951
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#16

Acetone

Concen: 7.008 ug/l

RT: 3.954 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY006797.D

Acq: 17 Nov 2021 19:26

Instrument :

MSVOA_Y

ClientSampleId :

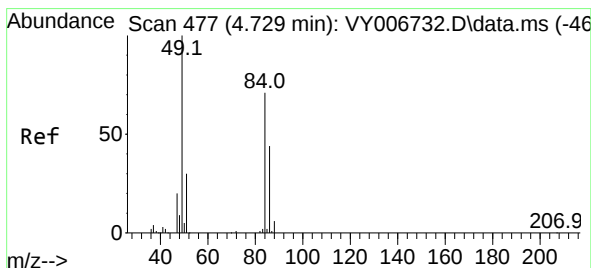
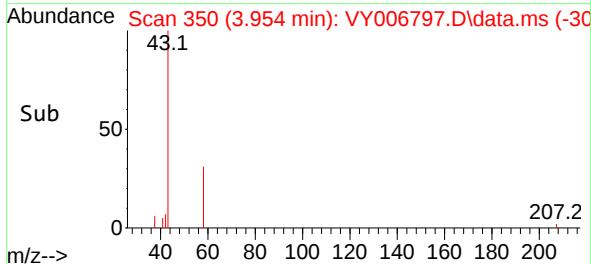
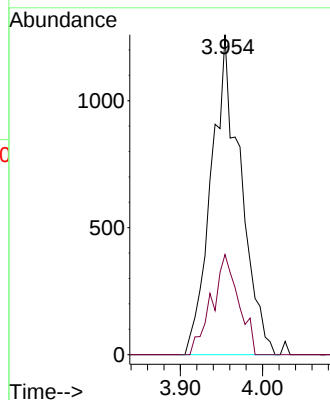
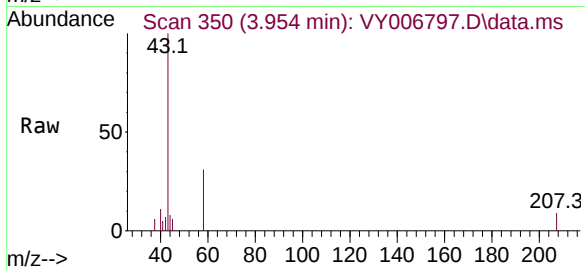
4-COMP

Tgt Ion: 43 Resp: 3131

Ion Ratio Lower Upper

43 100

58 31.3 22.9 34.3



#20

Methylene Chloride

Concen: 8.163 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.007 min

Lab File: VY006797.D

Acq: 17 Nov 2021 19:26

Tgt Ion: 84 Resp: 14705

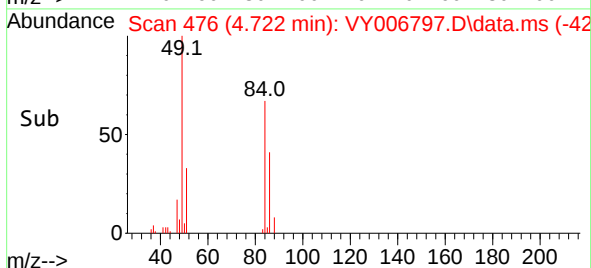
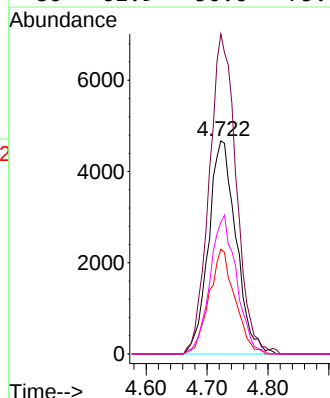
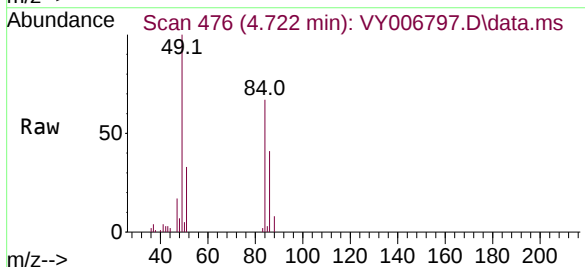
Ion Ratio Lower Upper

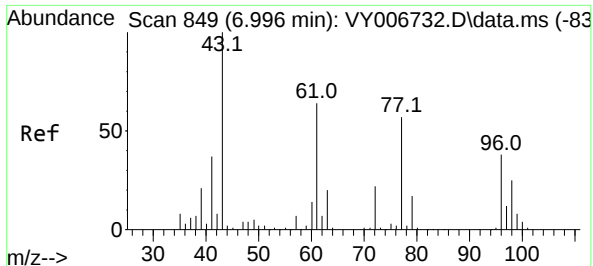
84 100

49 150.2 107.8 161.8

51 49.2 32.8 49.2

86 61.9 50.6 75.8





#25

2-Butanone

Concen: 13.105 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY006797.D

Acq: 17 Nov 2021 19:26

Instrument :

MSVOA_Y

ClientSampleId :

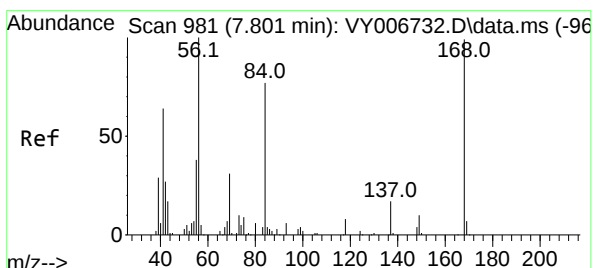
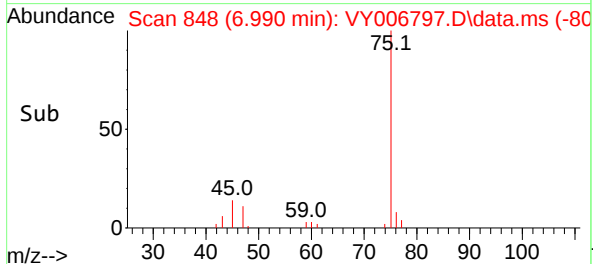
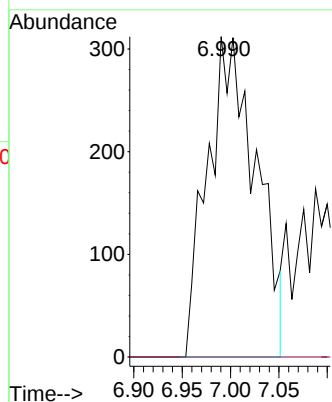
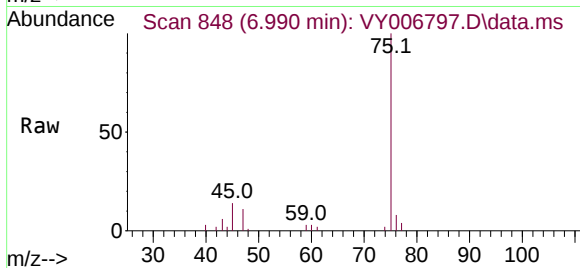
4-COMP

Tgt Ion: 43 Resp: 1093

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#31

Cyclohexane

Concen: 1.128 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY006797.D

Acq: 17 Nov 2021 19:26

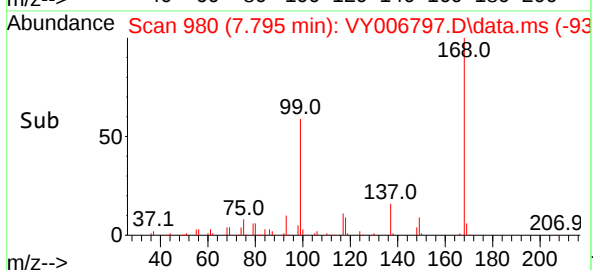
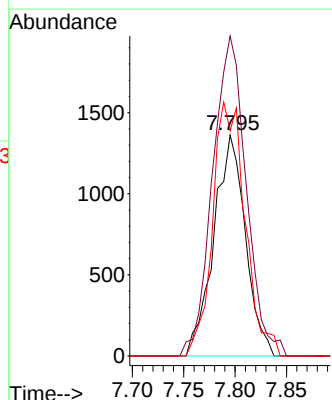
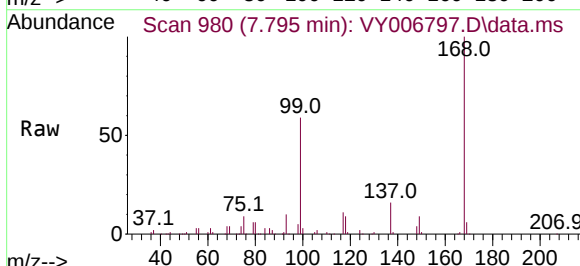
Tgt Ion: 56 Resp: 2916

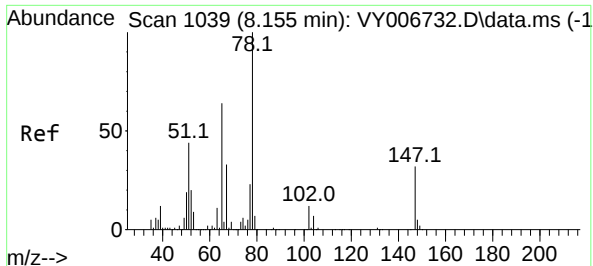
Ion Ratio Lower Upper

56 100

69 144.9 26.6 40.0#

84 102.0 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 56.607 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY006797.D

Acq: 17 Nov 2021 19:26

Instrument :

MSVOA_Y

ClientSampleId :

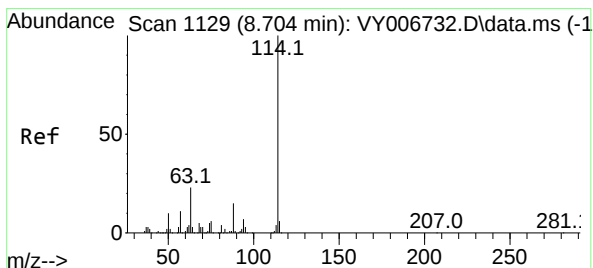
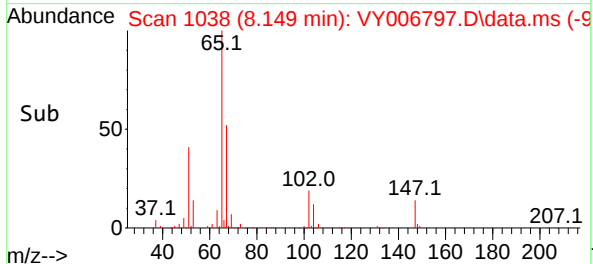
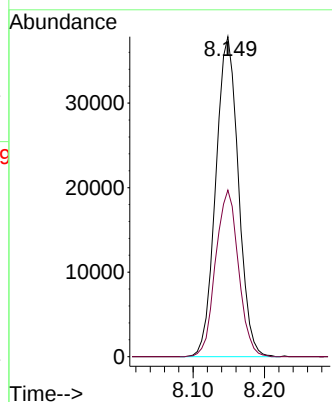
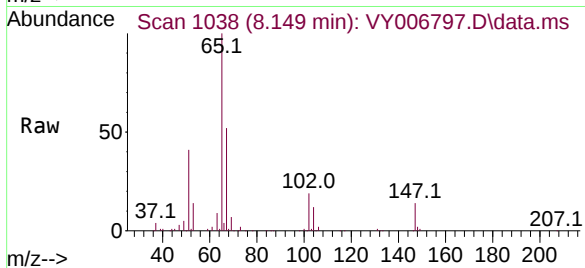
4-COMP

Tgt Ion: 65 Resp: 83244

Ion Ratio Lower Upper

65 100

67 52.6 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: VY006797.D

Acq: 17 Nov 2021 19:26

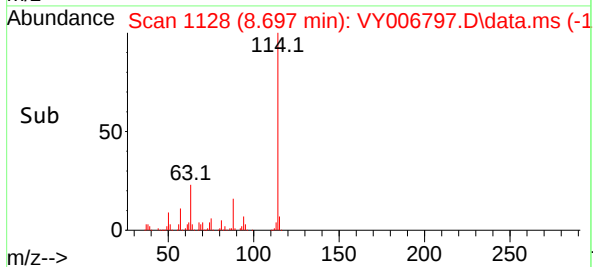
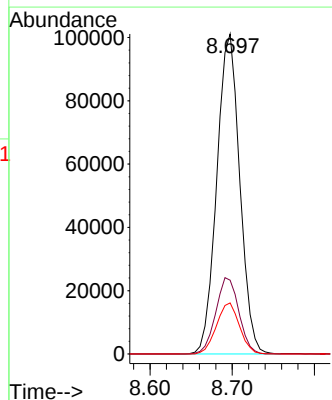
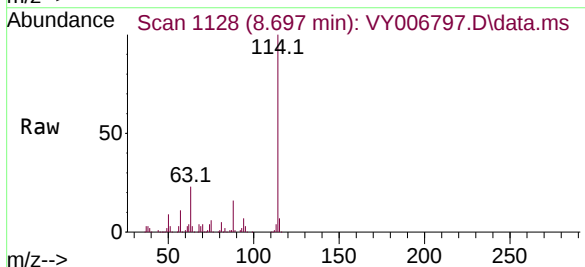
Tgt Ion: 114 Resp: 196056

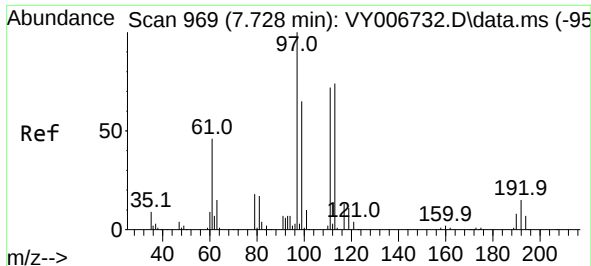
Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.0

88 15.9 0.0 30.6

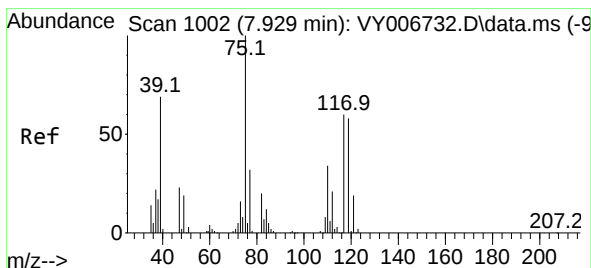
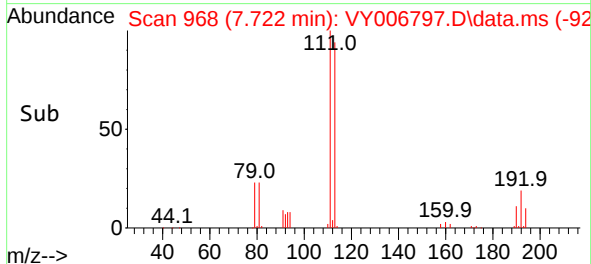
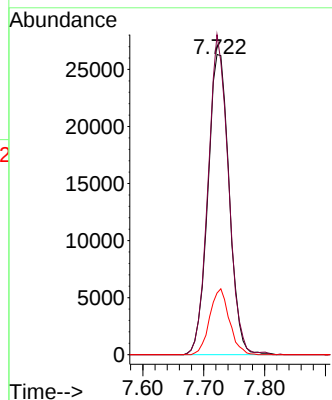
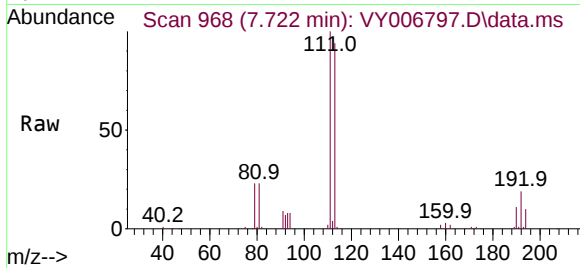




#35
Dibromofluoromethane
Concen: 53.239 ug/l
RT: 7.722 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY006797.D
Acq: 17 Nov 2021 19:26

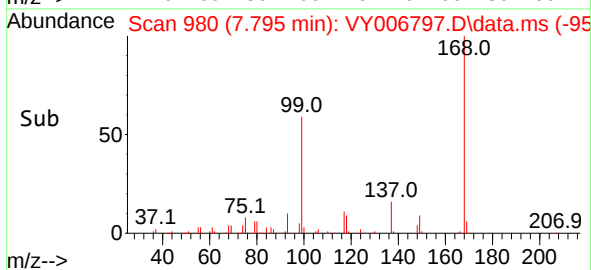
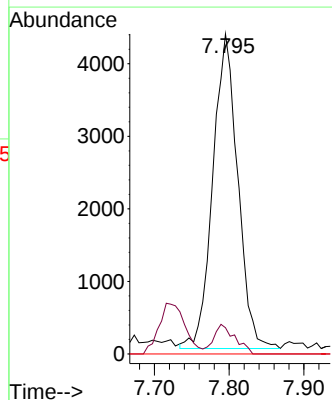
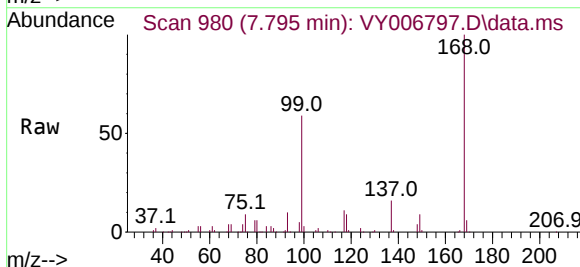
Instrument :
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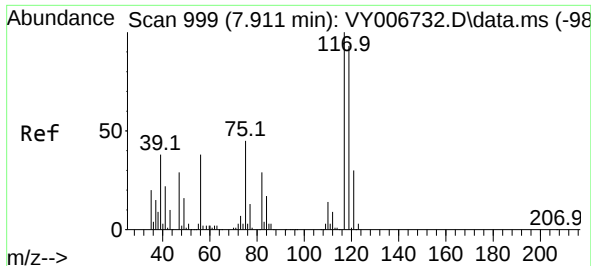
Tgt Ion:113 Resp: 64113
Ion Ratio Lower Upper
113 100
111 101.5 82.3 123.5
192 20.2 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.727 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY006797.D
Acq: 17 Nov 2021 19:26

Tgt Ion: 75 Resp: 10073
Ion Ratio Lower Upper
75 100
110 8.0 17.1 51.3#
77 0.0 24.9 37.3#

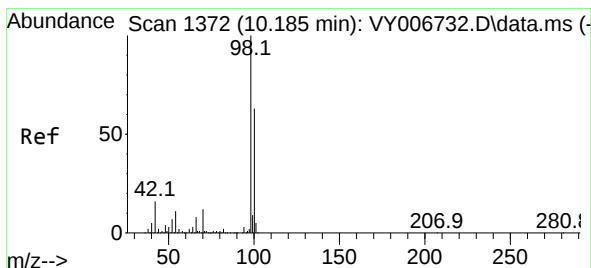
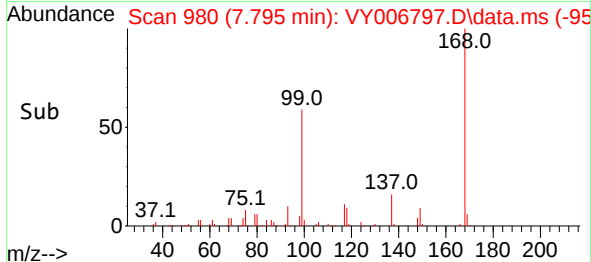
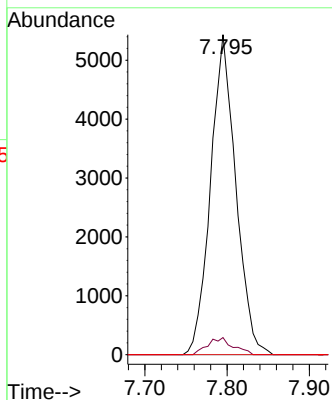
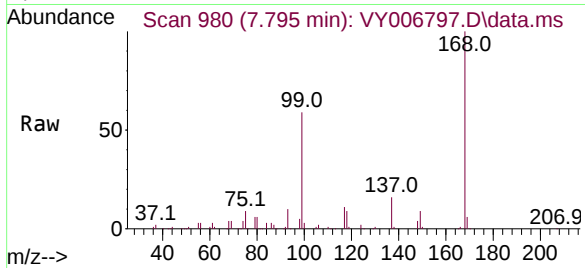




#38
Carbon Tetrachloride
Concen: 5.313 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY006797.D
Acq: 17 Nov 2021 19:26

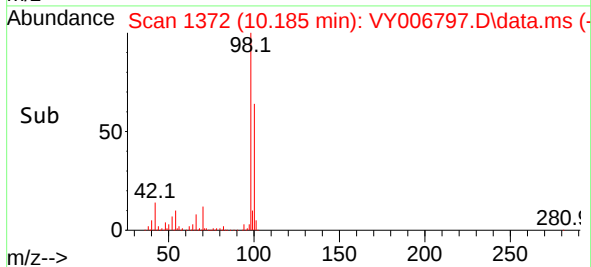
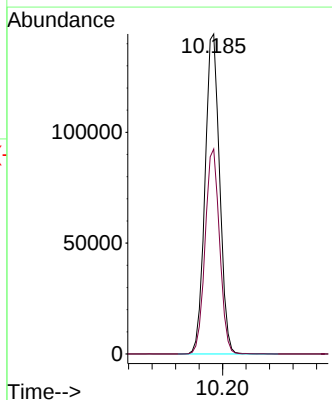
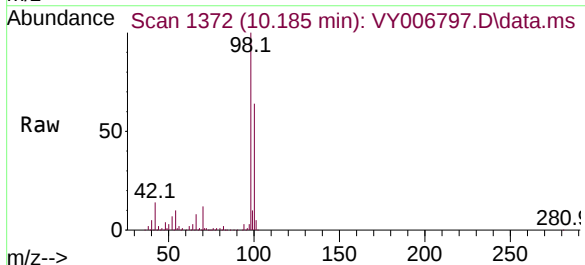
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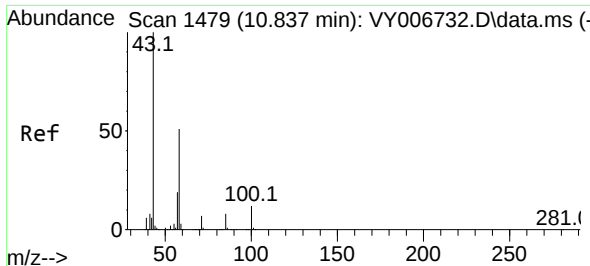
Tgt Ion:117 Resp: 11581
Ion Ratio Lower Upper
117 100
119 5.3 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.853 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006797.D
Acq: 17 Nov 2021 19:26

Tgt Ion: 98 Resp: 248435
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

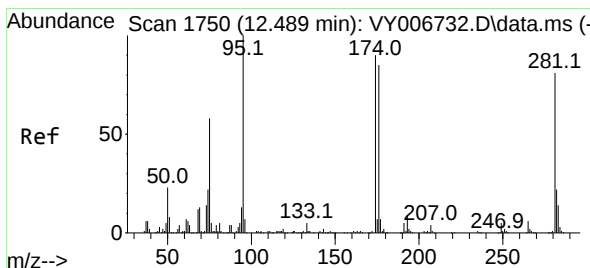
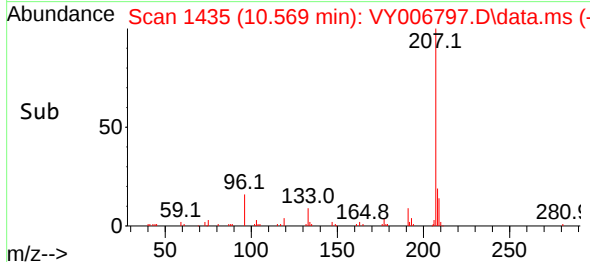
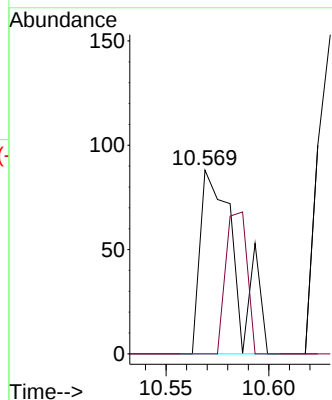
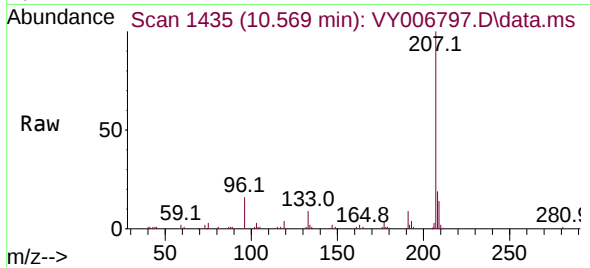




#59
2-Hexanone
Concen: 23.908 ug/l
RT: 10.569 min Scan# 1479
Delta R.T. -0.268 min
Lab File: VY006797.D
Acq: 17 Nov 2021 19:26

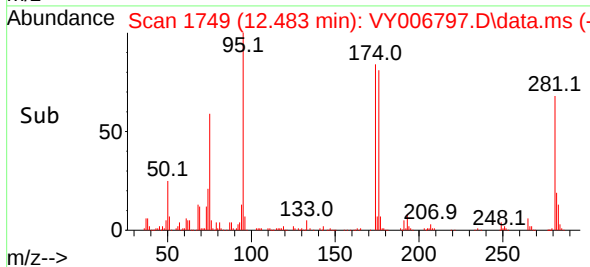
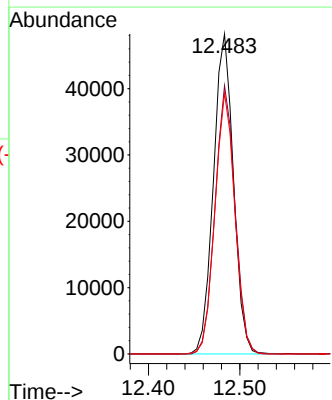
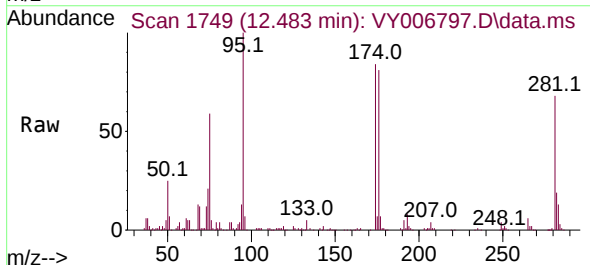
Instrument :
MSVOA_Y
ClientSampleId :
4-COMP

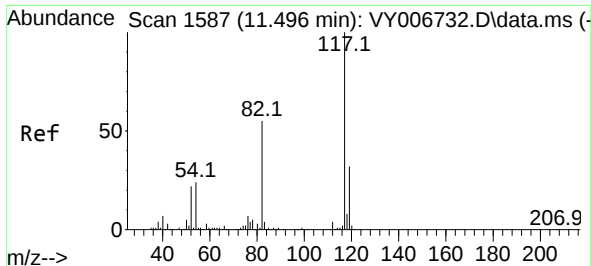
Tgt Ion: 43 Resp: 105
Ion Ratio Lower Upper
43 100
58 46.7 24.6 73.6



#62
4-Bromofluorobenzene
Concen: 43.802 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006797.D
Acq: 17 Nov 2021 19:26

Tgt Ion: 95 Resp: 73588
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 81.1 0.0 169.4

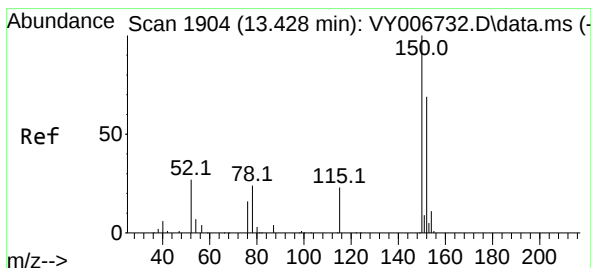
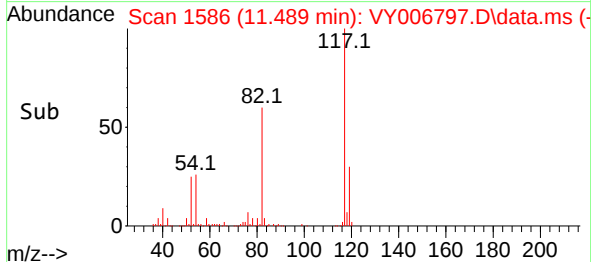
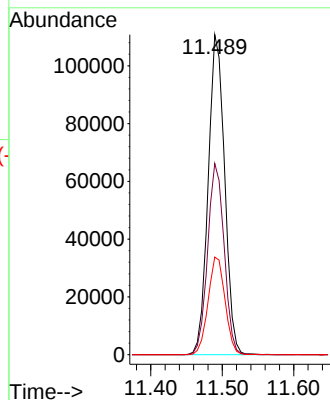
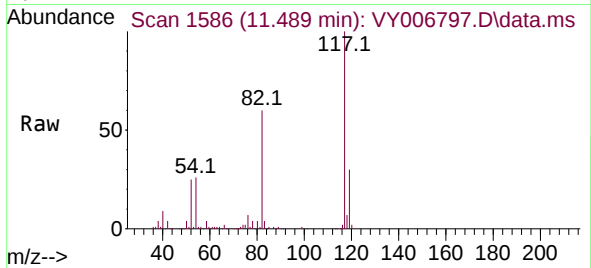




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006797.D
Acq: 17 Nov 2021 19:26

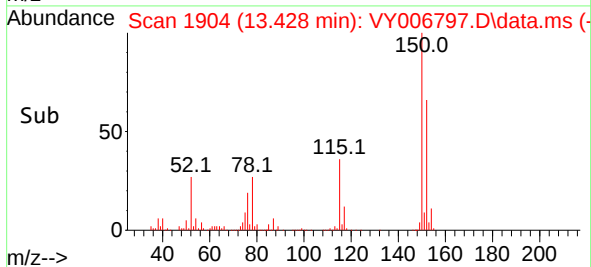
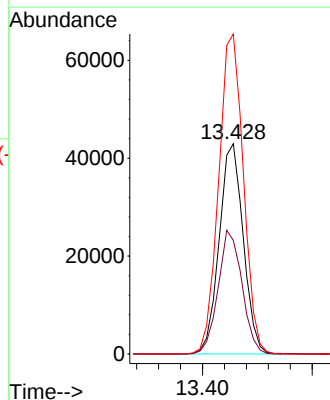
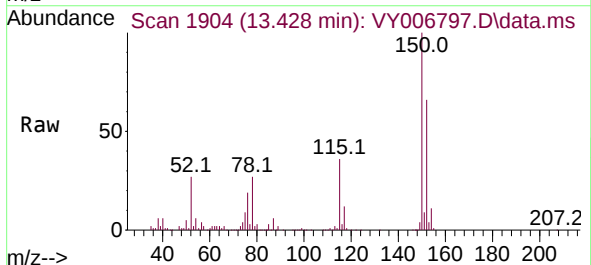
Instrument :
MSVOA_Y
ClientSampleId :
4-COMP

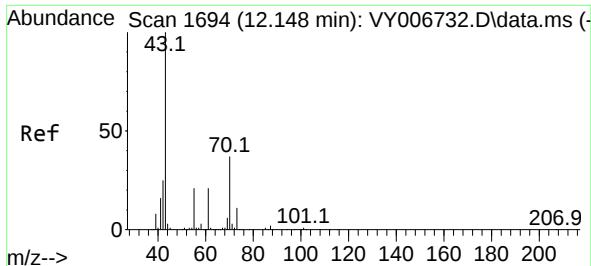
Tgt Ion:117 Resp: 176936
Ion Ratio Lower Upper
117 100
82 59.7 45.7 68.5
119 30.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006797.D
Acq: 17 Nov 2021 19:26

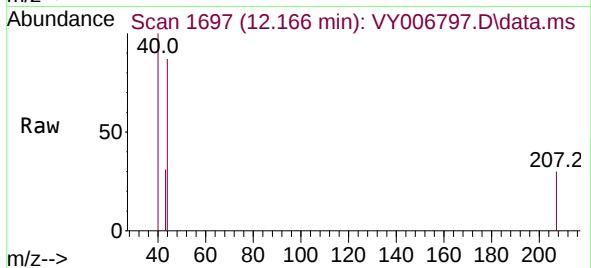
Tgt Ion:152 Resp: 65454
Ion Ratio Lower Upper
152 100
115 58.3 28.5 85.5
150 156.1 0.0 348.2



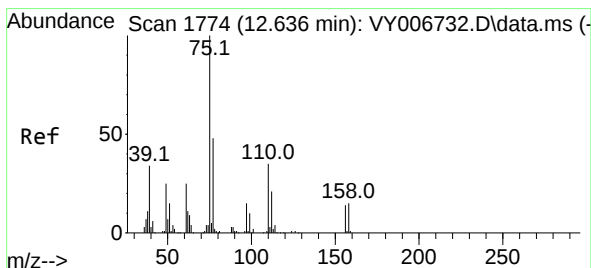
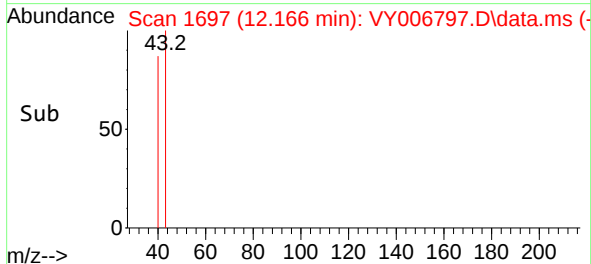
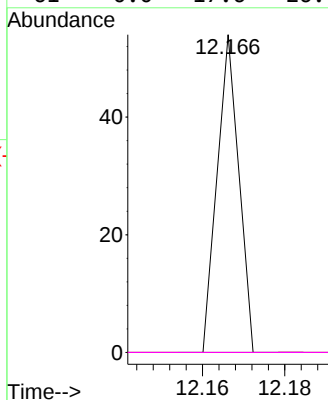


#74
N-amy1 acetate
Concen: 3.166 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.018 min
Lab File: VY006797.D
Acq: 17 Nov 2021 19:26

Instrument :
MSVOA_Y
ClientSampleId :
4-COMP

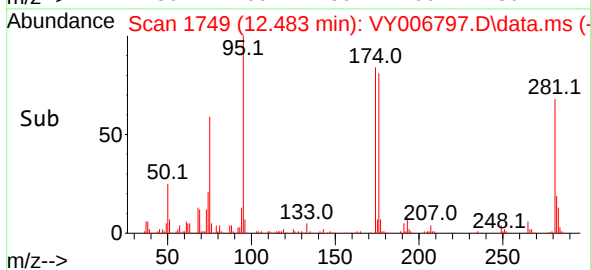
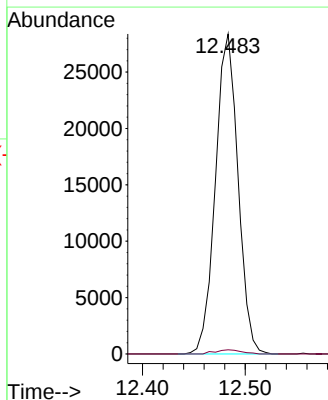
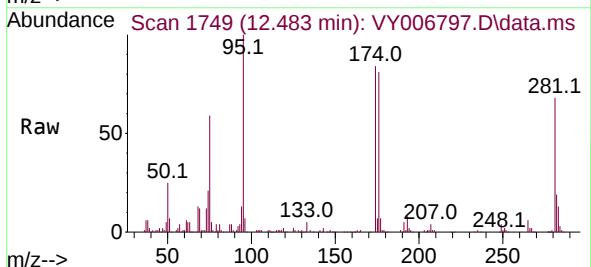


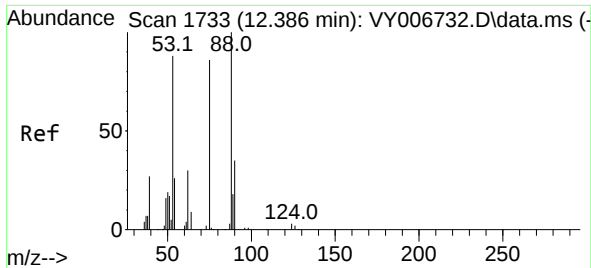
Tgt Ion: 43	Resp:	20
Ion	Ratio	Lower Upper
43	100	
70	0.0	29.4 44.0#
55	0.0	18.1 27.1#
61	0.0	17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 60.718 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006797.D
Acq: 17 Nov 2021 19:26

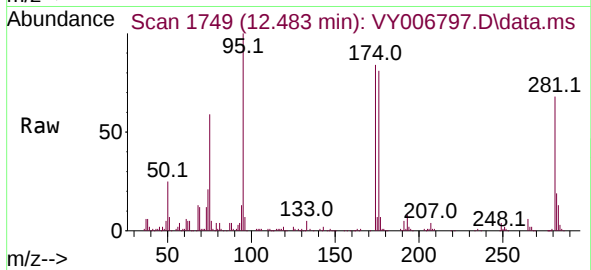
Tgt Ion: 75	Resp:	43209
Ion	Ratio	Lower Upper
75	100	
77	1.5	0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.312 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY006797.D
 Acq: 17 Nov 2021 19:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 4-COMP



Tgt Ion: 75 Resp: 43209
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.8 128.6#
 89 0.9 39.3 58.9#

