

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
 Data File : VY006796.D
 Acq On : 17 Nov 2021 19:02
 Operator : SY/MD
 Sample : M4707-29
 Misc : 4.75G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 3-COMP

Quant Time: Nov 18 03:03:33 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)

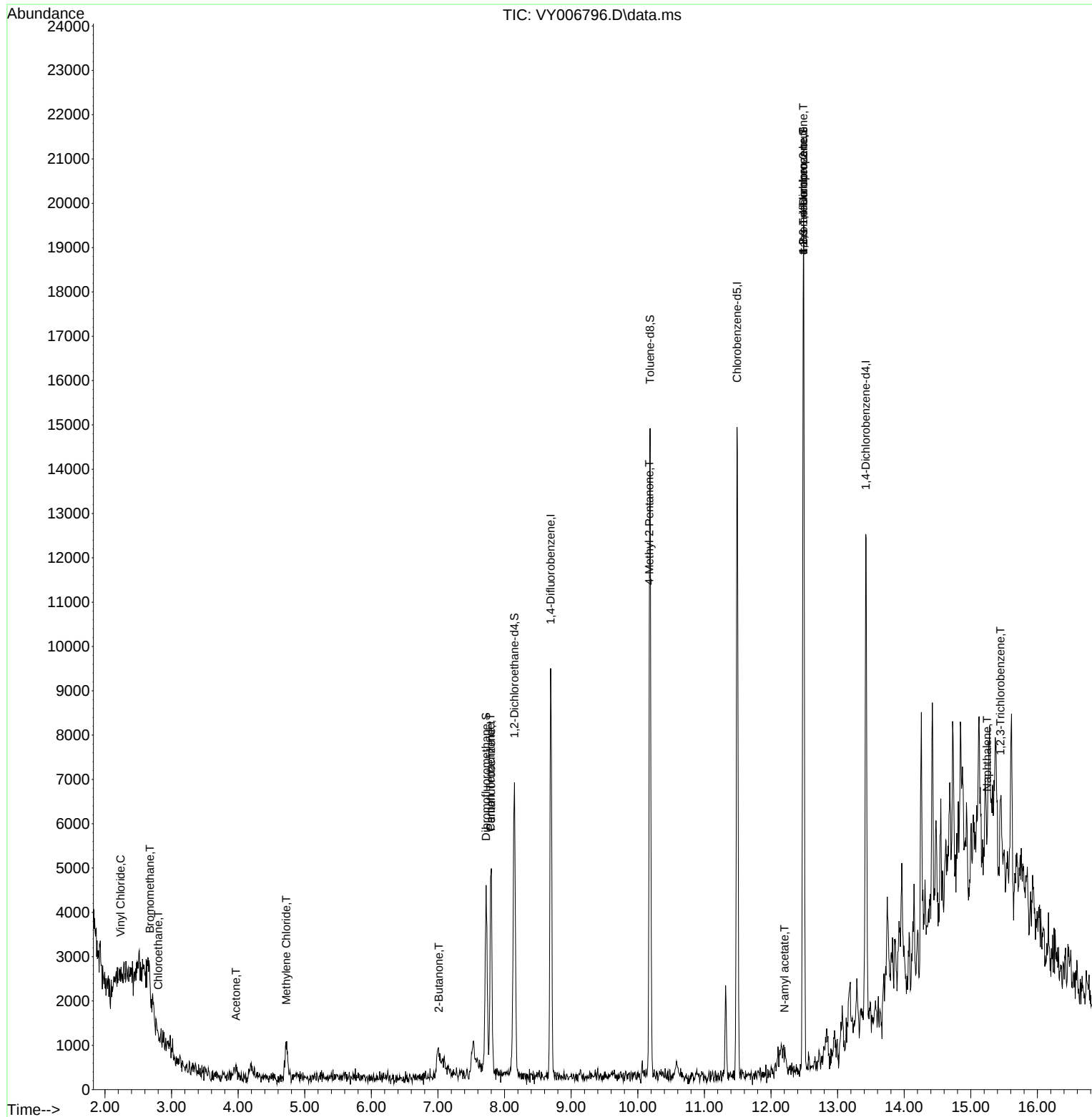
Internal Standards						
1) Pentafluorobenzene	7.795	168	3703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	7091	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	8425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5155	106.218	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 212.440%#		
35) Dibromofluoromethane	7.722	113	2766	63.505	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 127.000%		
50) Toluene-d8	10.185	98	9002	49.945	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 99.880%		
62) 4-Bromofluorobenzene	12.483	95	3488	57.404	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 114.800%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.235	62	113	2.080	ug/l #	44
5) Bromomethane	2.674	94	42	1.451	ug/l #	4
6) Chloroethane	2.802	64	104	3.130	ug/l #	45
16) Acetone	3.967	43	485	32.892	ug/l #	46
20) Methylene Chloride	4.723	84	550	9.742	ug/l #	88
25) 2-Butanone	7.015	43	75	14.837	ug/l #	52
38) Carbon Tetrachloride	7.789	117	450	5.708	ug/l #	12
51) 4-Methyl-2-Pentanone	10.173	43	72	1.414	ug/l	93
74) N-amyl acetate	12.203	43	22	3.436	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	1689	58.446	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1689	115.810	ug/l #	7
95) Naphthalene	15.245	128	100	1.044	ug/l #	68
96) 1,2,3-Trichlorobenzene	15.446	180	86	1.994	ug/l #	12

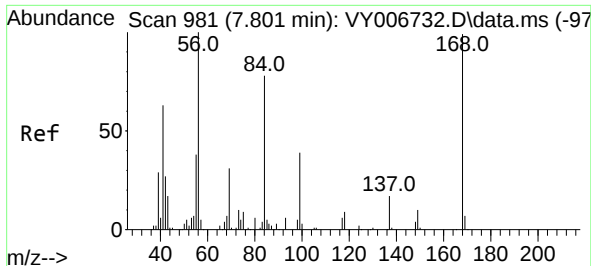
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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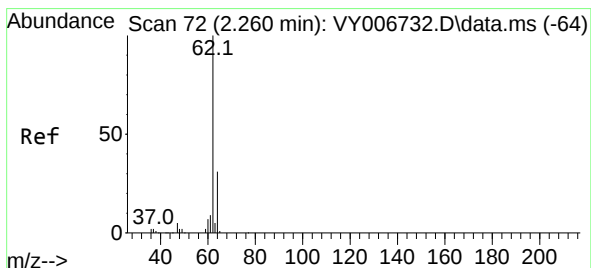
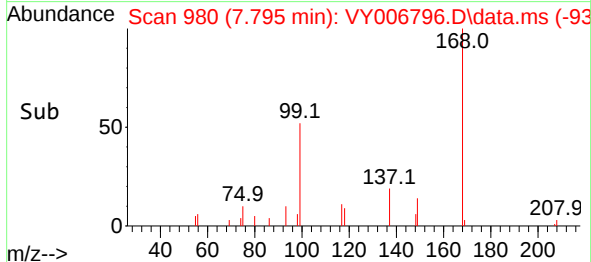
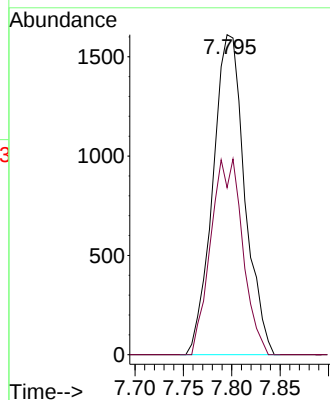
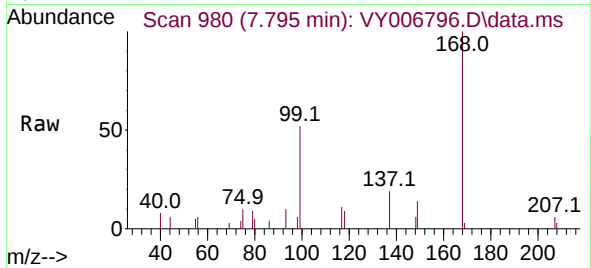




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006796.D
Acq: 17 Nov 2021 19:02

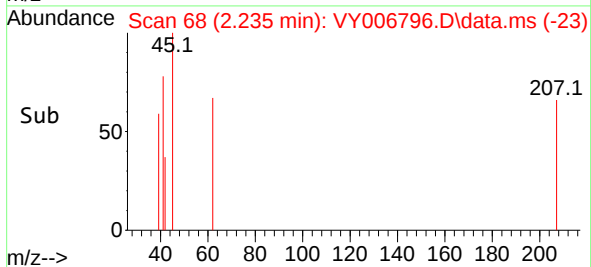
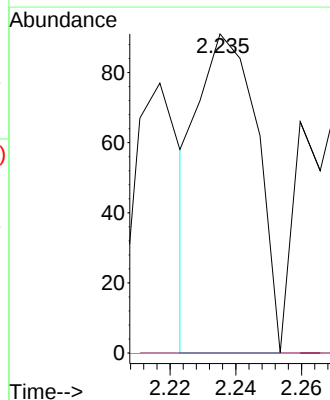
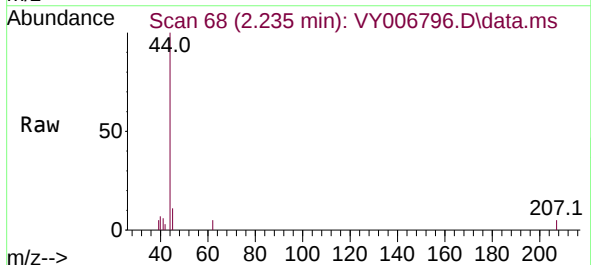
Instrument :
MSVOA_Y
ClientSampleId :
3-COMP

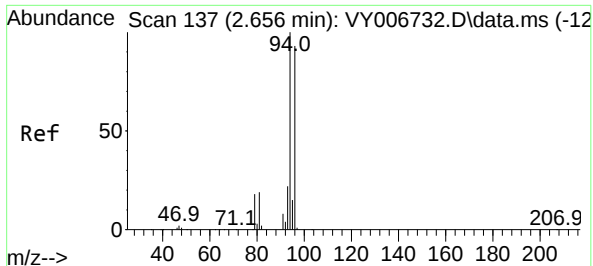
Tgt Ion:168 Resp: 3703
Ion Ratio Lower Upper
168 100
99 52.2 44.8 67.2



#4
Vinyl Chloride
Concen: 2.080 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.024 min
Lab File: VY006796.D
Acq: 17 Nov 2021 19:02

Tgt Ion: 62 Resp: 113
Ion Ratio Lower Upper
62 100
64 0.0 24.7 37.1#

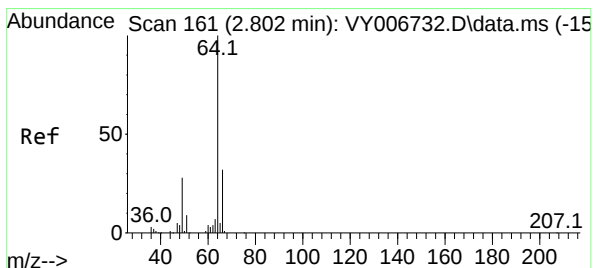
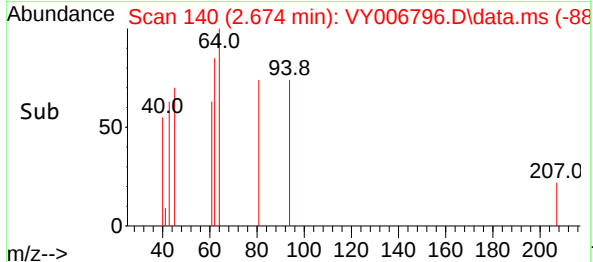
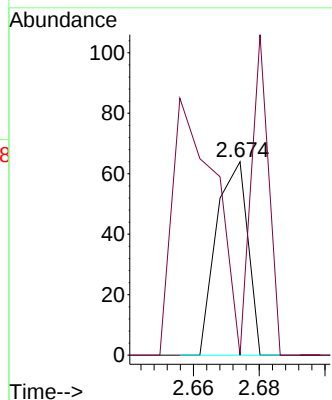
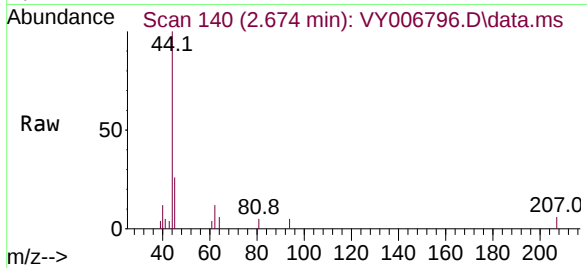




#5
Bromomethane
Concen: 1.451 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.018 min
Lab File: VY006796.D
Acq: 17 Nov 2021 19:02

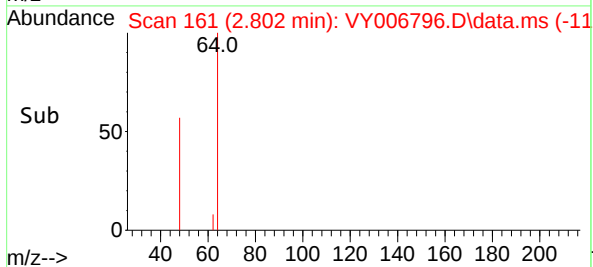
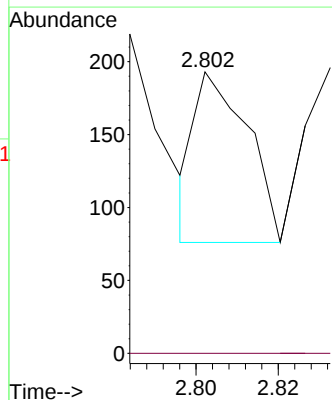
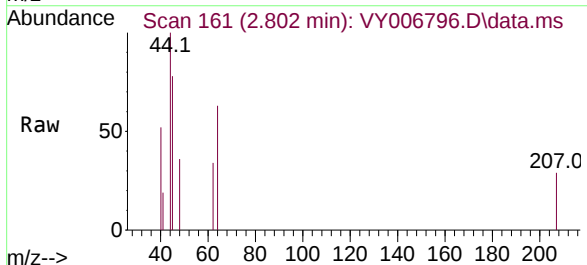
Instrument :
MSVOA_Y
ClientSampleId :
3-COMP

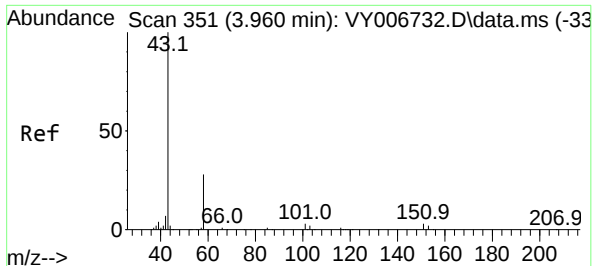
Tgt Ion: 94 Resp: 42
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#



#6
Chloroethane
Concen: 3.130 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY006796.D
Acq: 17 Nov 2021 19:02

Tgt Ion: 64 Resp: 104
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.6#

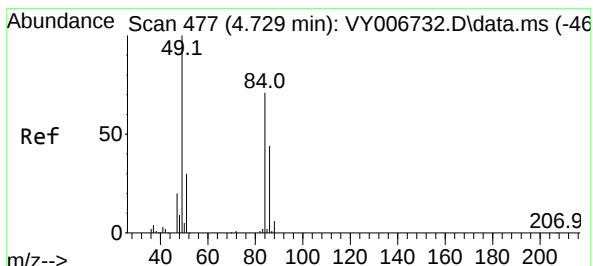
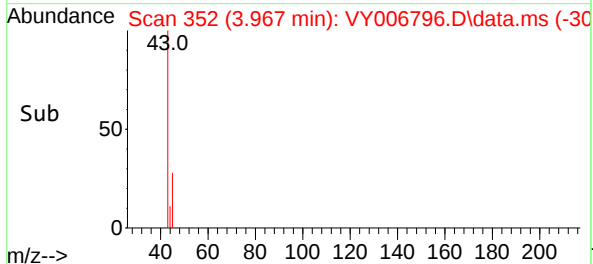
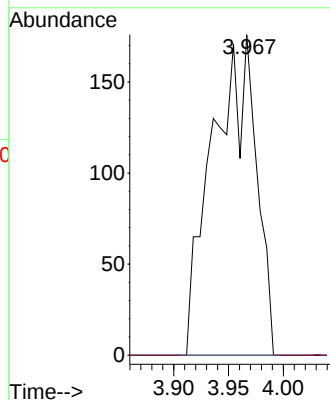
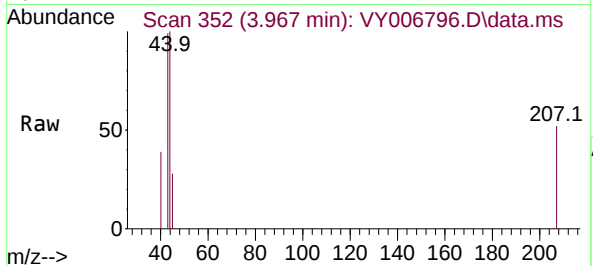




#16
Acetone
Concen: 32.892 ug/l
RT: 3.967 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY006796.D
Acq: 17 Nov 2021 19:02

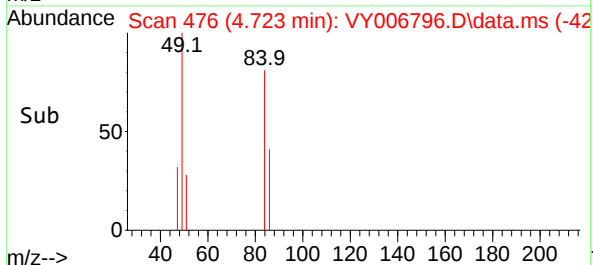
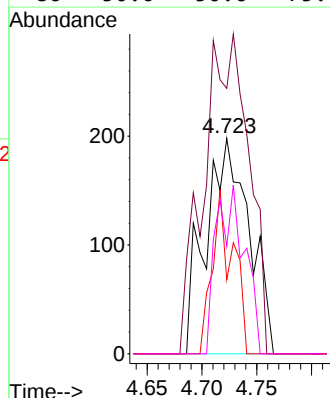
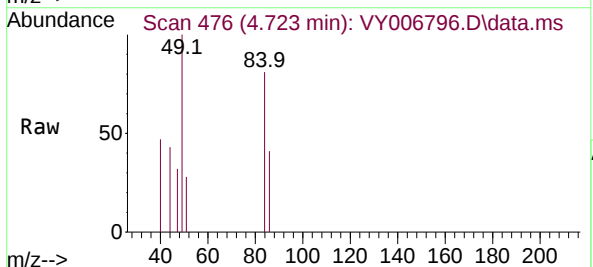
Instrument :
MSVOA_Y
ClientSampleId :
3-COMP

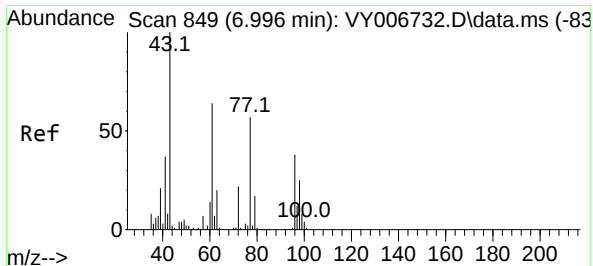
Tgt Ion: 43 Resp: 485
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



#20
Methylene Chloride
Concen: 9.742 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY006796.D
Acq: 17 Nov 2021 19:02

Tgt Ion: 84 Resp: 550
Ion Ratio Lower Upper
84 100
49 123.2 107.8 161.8
51 34.3 32.8 49.2
86 50.0 50.6 75.8#

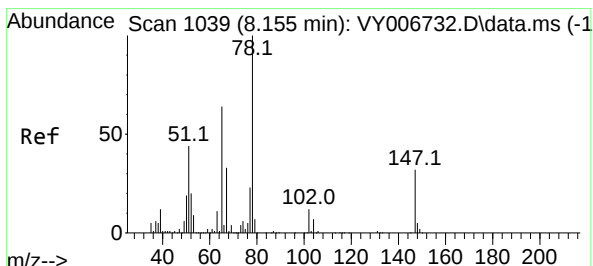
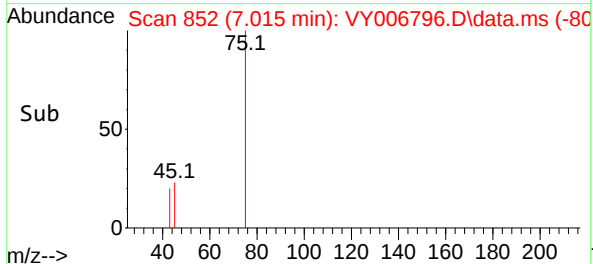
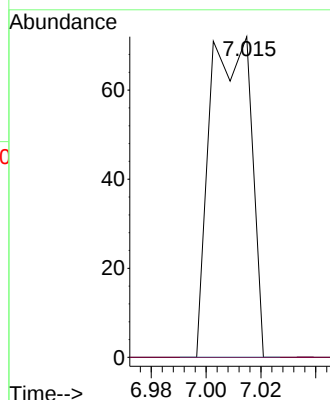
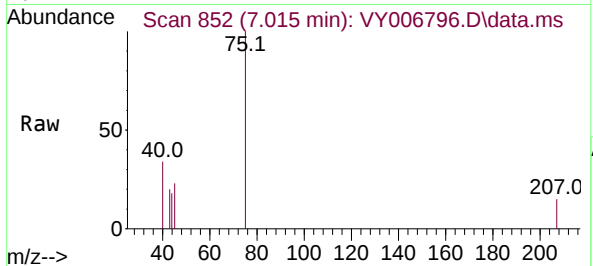




#25
2-Butanone
Concen: 14.837 ug/l
RT: 7.015 min Scan# 81
Delta R.T. 0.019 min
Lab File: VY006796.D
Acq: 17 Nov 2021 19:02

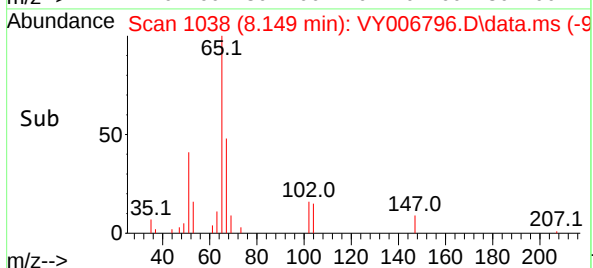
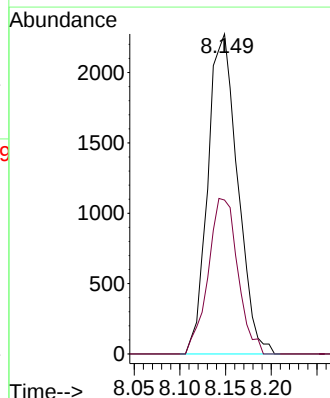
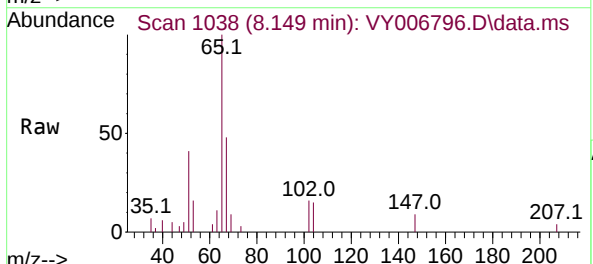
Instrument :
MSVOA_Y
ClientSampleId :
3-COMP

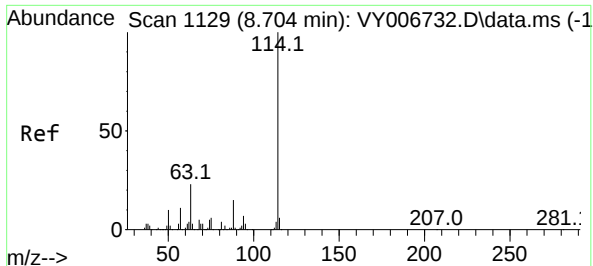
Tgt Ion: 43 Resp: 75
Ion Ratio Lower Upper
43 100
72 0.0 18.9 28.3#



#33
1,2-Dichloroethane-d4
Concen: 106.218 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006796.D
Acq: 17 Nov 2021 19:02

Tgt Ion: 65 Resp: 5155
Ion Ratio Lower Upper
65 100
67 48.3 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY006796.D

Acq: 17 Nov 2021 19:02

Instrument :

MSVOA_Y

ClientSampleId :

3-COMP

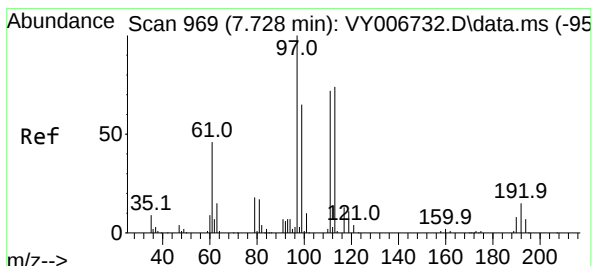
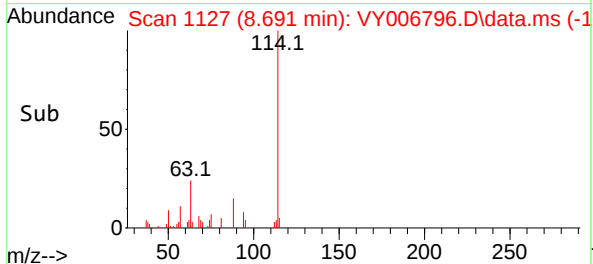
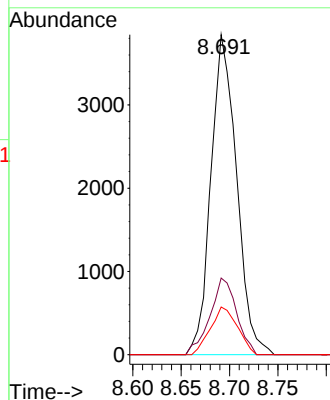
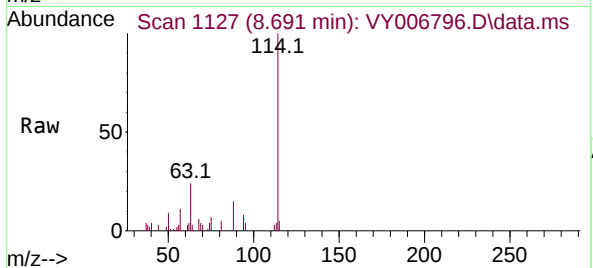
Tgt Ion:114 Resp: 7091

Ion Ratio Lower Upper

114 100

63 24.0 0.0 45.0

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 63.505 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY006796.D

Acq: 17 Nov 2021 19:02

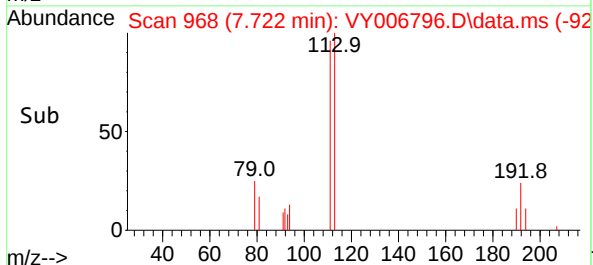
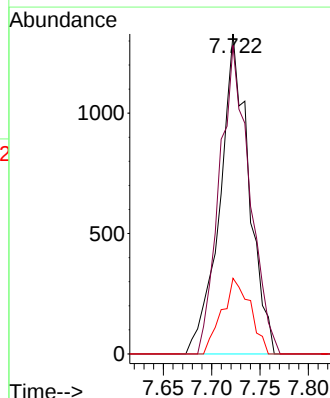
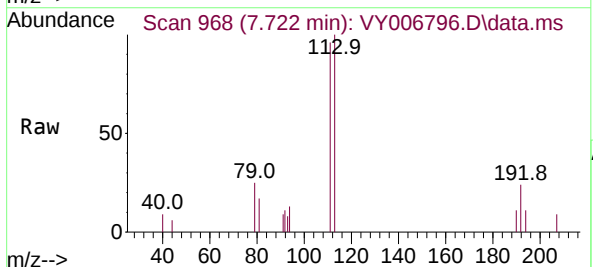
Tgt Ion:113 Resp: 2766

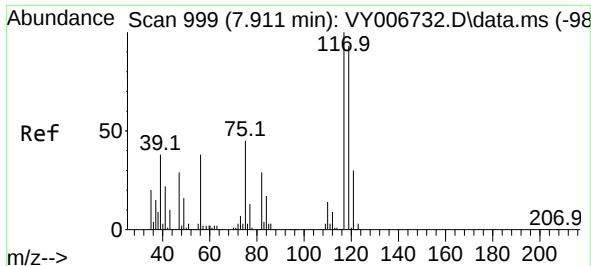
Ion Ratio Lower Upper

113 100

111 100.2 82.3 123.5

192 23.1 17.4 26.2

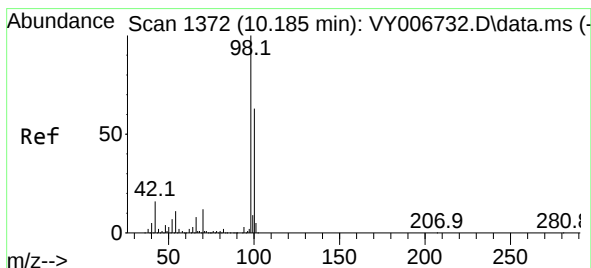
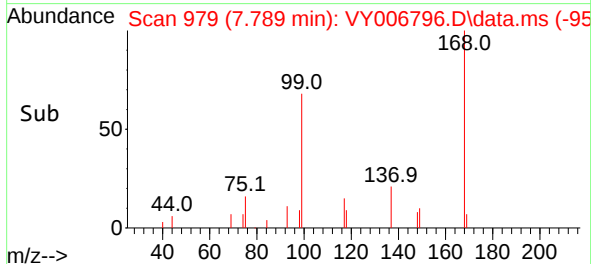
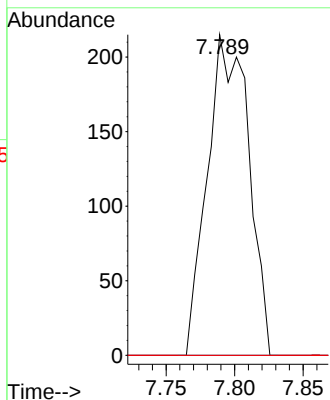
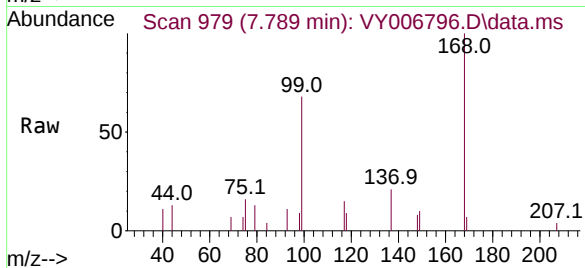




#38
Carbon Tetrachloride
Concen: 5.708 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY006796.D
Acq: 17 Nov 2021 19:02

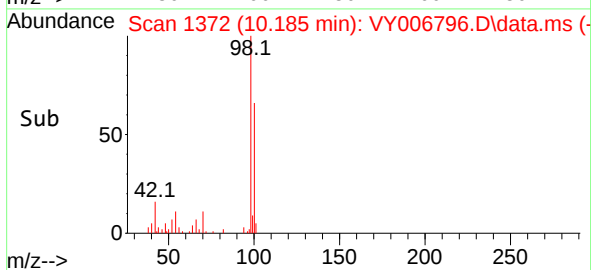
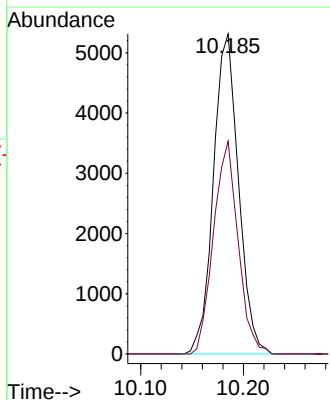
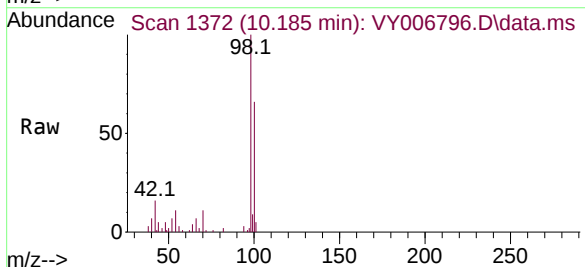
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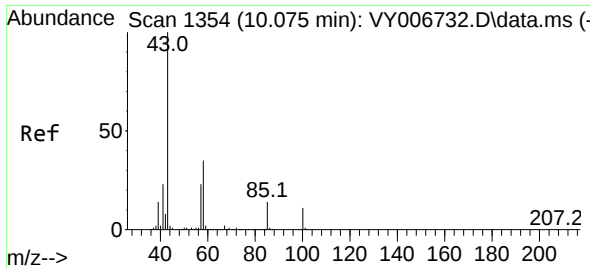
Tgt Ion:117 Resp: 450
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.945 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006796.D
Acq: 17 Nov 2021 19:02

Tgt Ion: 98 Resp: 9002
Ion Ratio Lower Upper
98 100
100 65.2 50.9 76.3

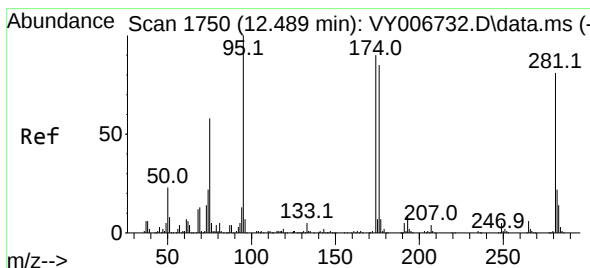
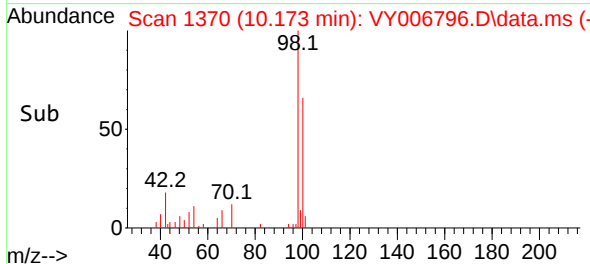
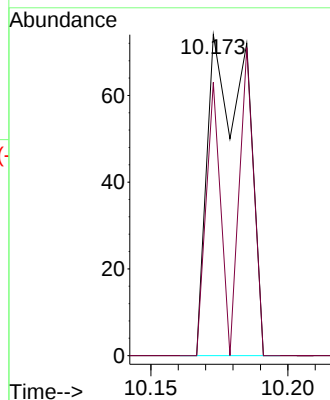
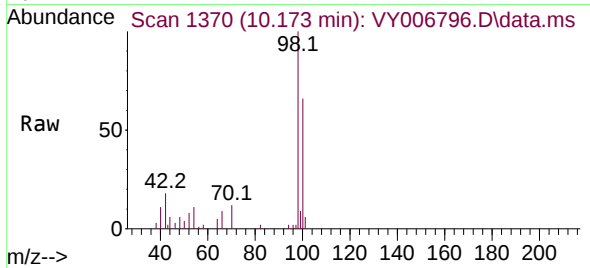




#51
4-Methyl-2-Pentanone
Concen: 1.414 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY006796.D
Acq: 17 Nov 2021 19:02

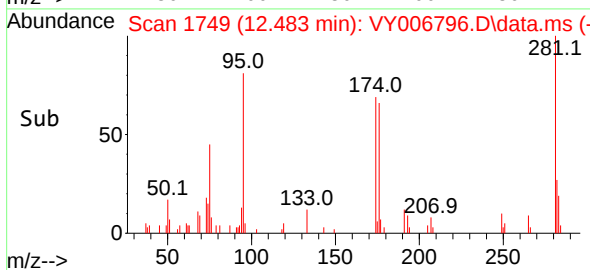
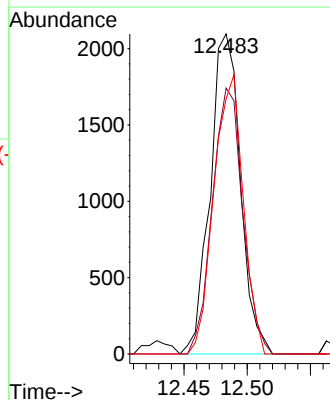
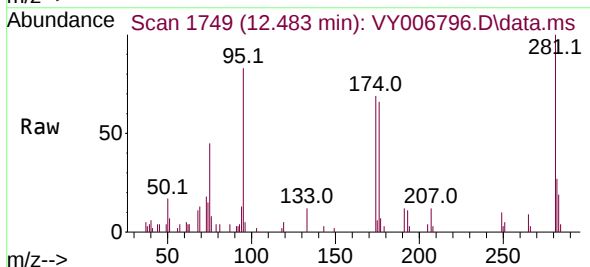
Instrument :
MSVOA_Y
ClientSampleId :
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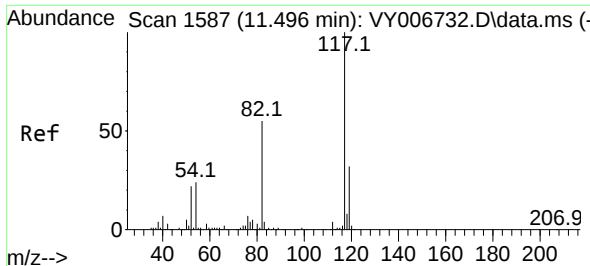
Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
58 31.9 28.7 43.1



#62
4-Bromofluorobenzene
Concen: 57.404 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006796.D
Acq: 17 Nov 2021 19:02

Tgt Ion: 95 Resp: 3488
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 84.1 0.0 169.4

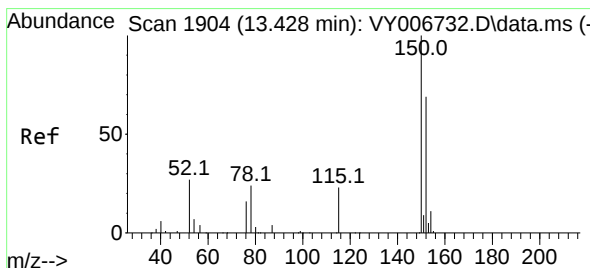
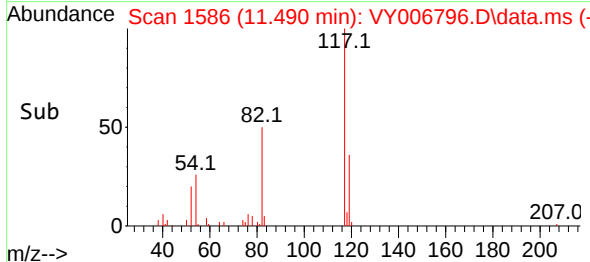
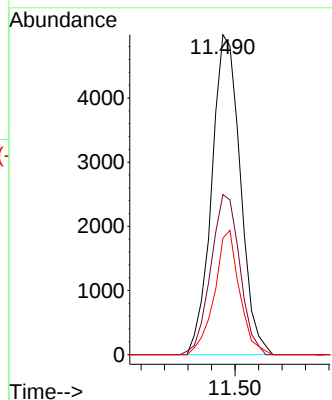
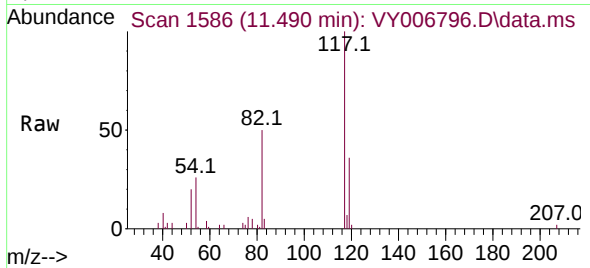




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006796.D
Acq: 17 Nov 2021 19:02

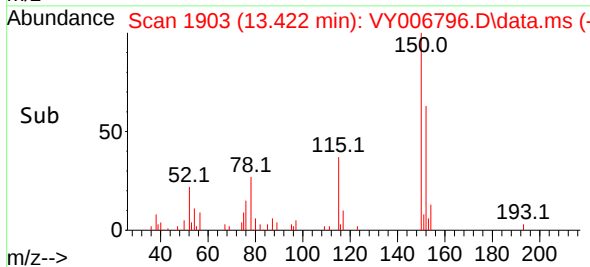
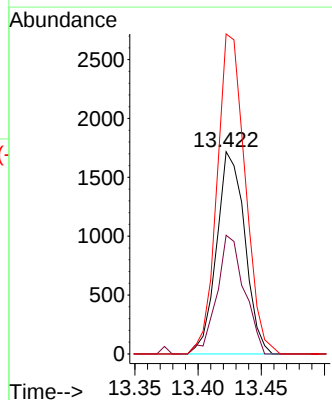
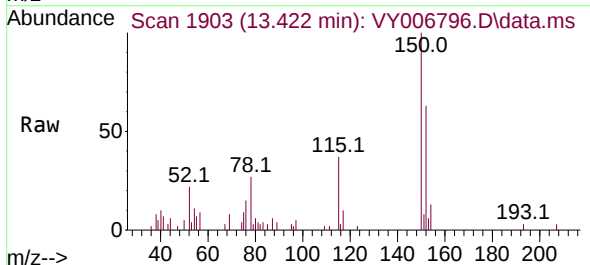
Instrument :
MSVOA_Y
ClientSampleId :
3-COMP

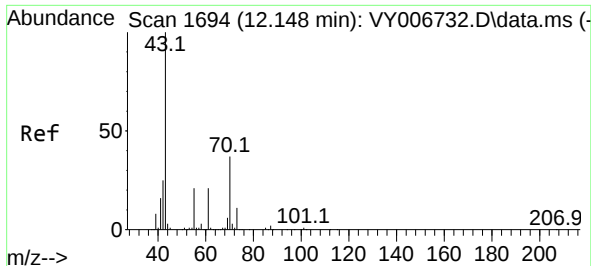
Tgt Ion:117 Resp: 8425
Ion Ratio Lower Upper
117 100
82 50.1 45.7 68.5
119 36.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY006796.D
Acq: 17 Nov 2021 19:02

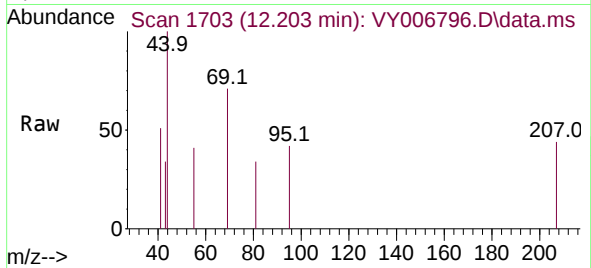
Tgt Ion:152 Resp: 2658
Ion Ratio Lower Upper
152 100
115 57.4 28.5 85.5
150 157.9 0.0 348.2



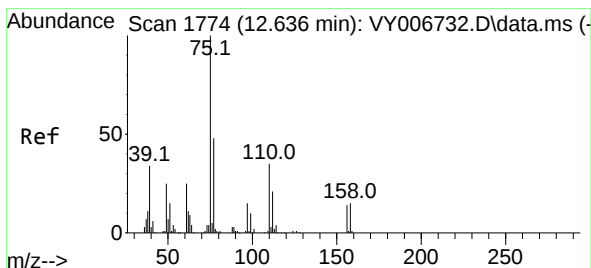
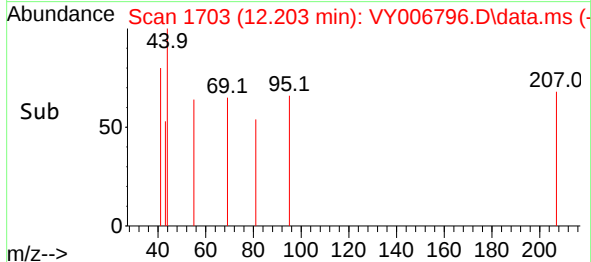
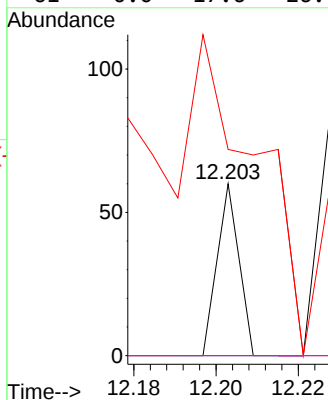


#74
N-amy1 acetate
Concen: 3.436 ug/l
RT: 12.203 min Scan# 11
Delta R.T. 0.055 min
Lab File: VY006796.D
Acq: 17 Nov 2021 19:02

Instrument :
MSVOA_Y
ClientSampleId :
3-COMP

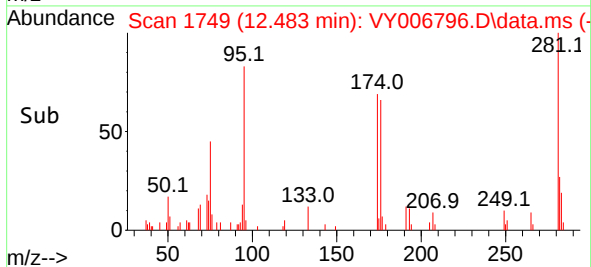
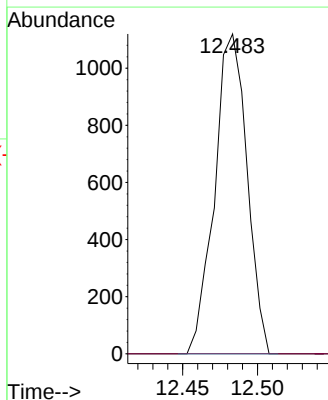
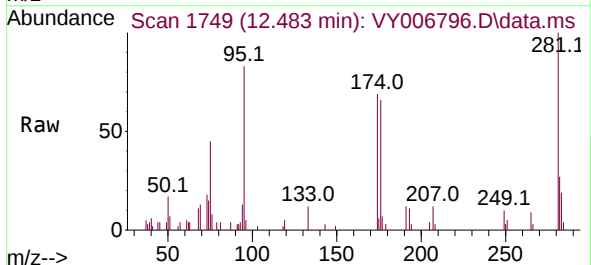


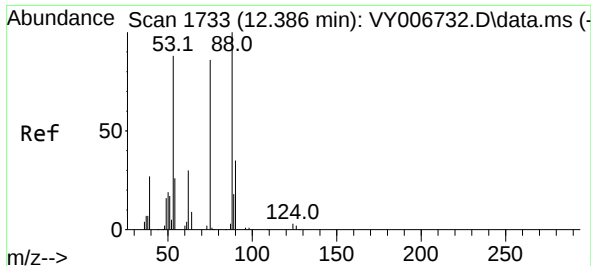
Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
70 0.0 29.4 44.0#
55 540.9 18.1 27.1#
61 0.0 17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 58.446 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006796.D
Acq: 17 Nov 2021 19:02

Tgt Ion: 75 Resp: 1689
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

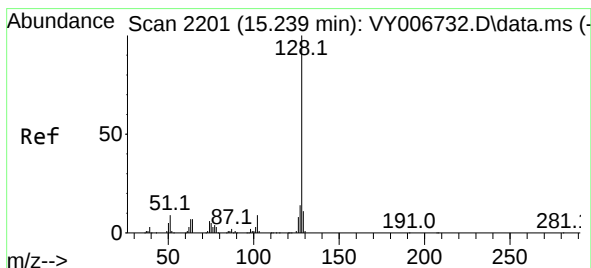
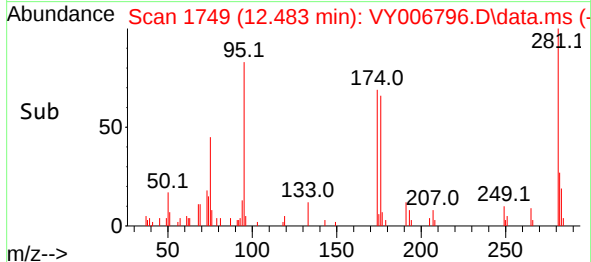
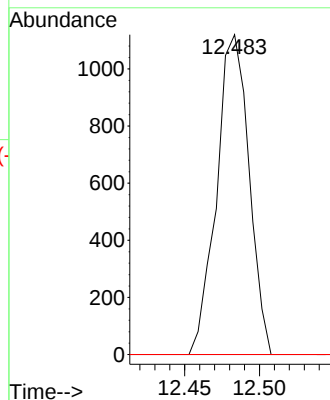
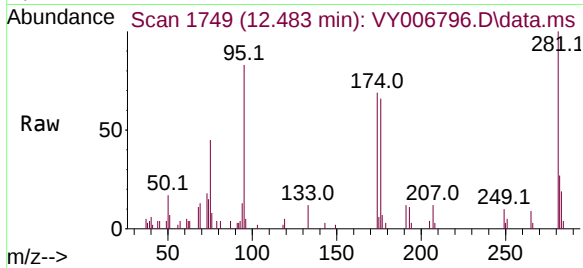




#81
trans-1,4-Dichloro-2-butene
Concen: 115.810 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY006796.D
Acq: 17 Nov 2021 19:02

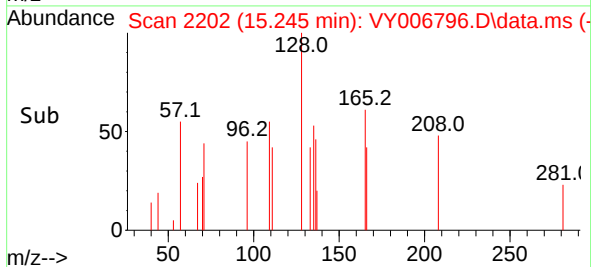
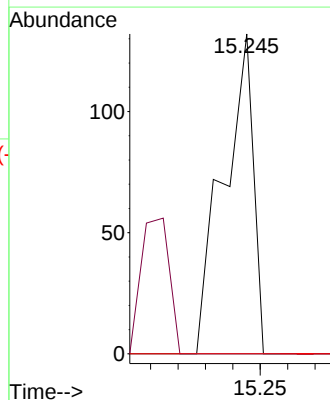
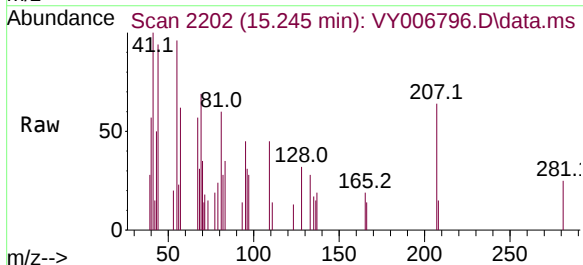
Instrument :
MSVOA_Y
ClientSampleId :
3-COMP

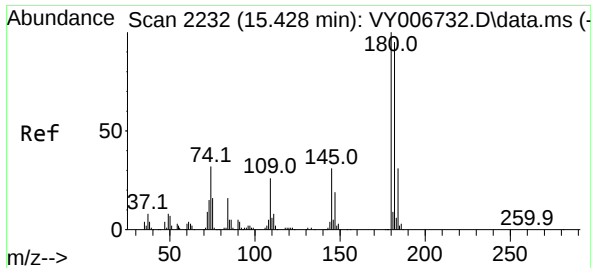
Tgt Ion: 75 Resp: 1689
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#



#95
Naphthalene
Concen: 1.044 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY006796.D
Acq: 17 Nov 2021 19:02

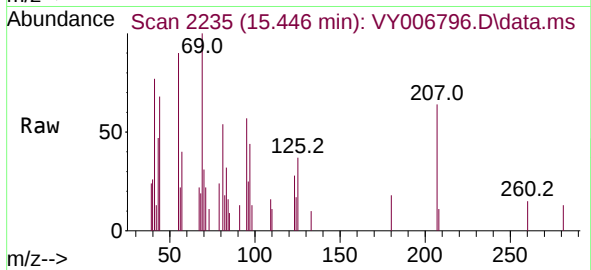
Tgt Ion:128 Resp: 100
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.994 ug/l
 RT: 15.446 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: VY006796.D
 Acq: 17 Nov 2021 19:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 3-COMP



Tgt Ion:	180	Resp:	86
Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.8	143.4#
145	0.0	15.3	45.8#

