

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111821\
 Data File : VY006808.D
 Acq On : 18 Nov 2021 15:08
 Operator : SY/MD
 Sample : M4707-29RE
 Misc : 4.15G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 3-COMP

Quant Time: Nov 19 05:34:17 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)

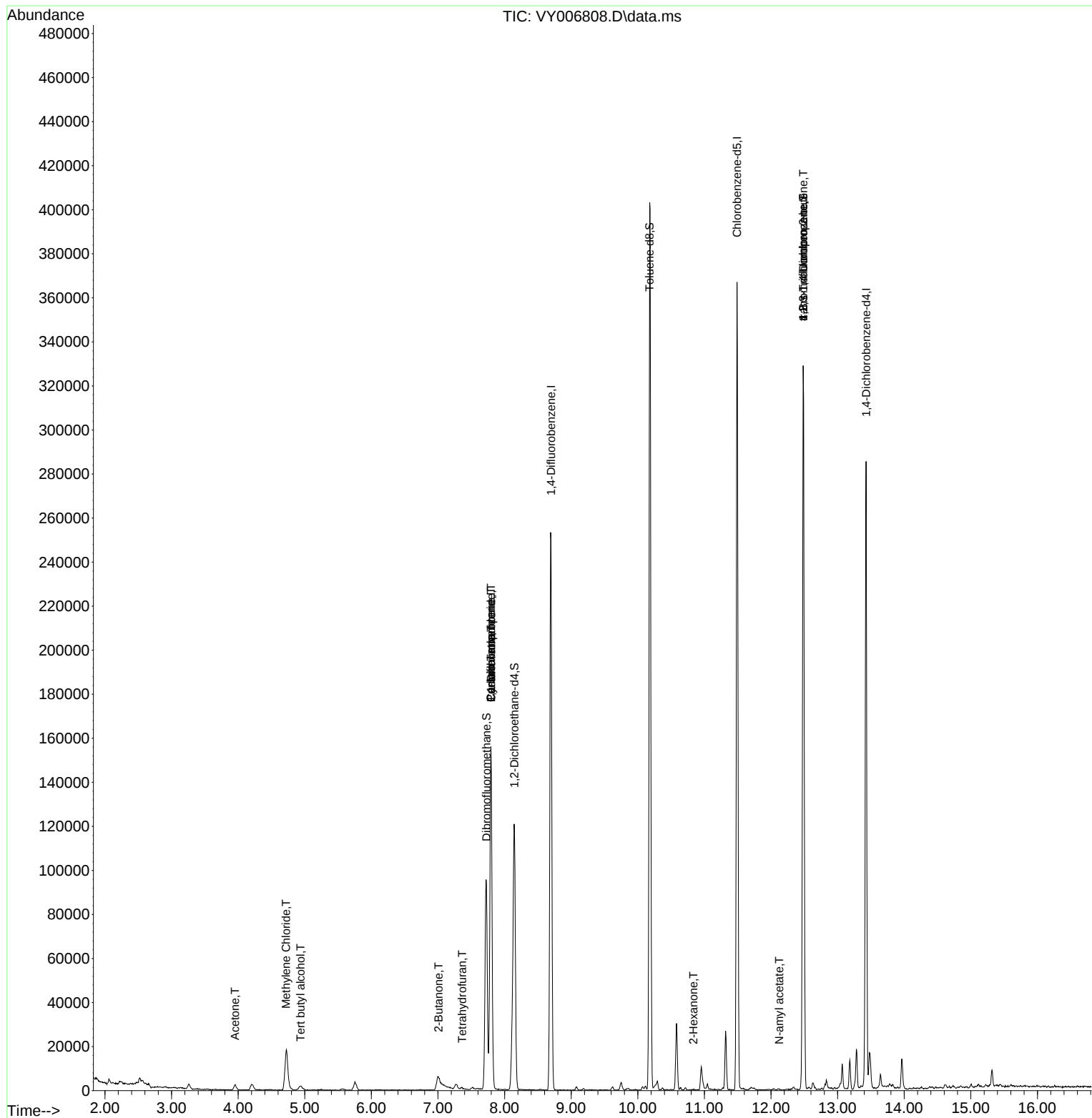
Internal Standards						
1) Pentafluorobenzene	7.795	168	115766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	200008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	178991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	86138	56.772	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.540%	
35) Dibromofluoromethane	7.728	113	63943	52.048	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.100%	
50) Toluene-d8	10.179	98	252928	49.752	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.500%	
62) 4-Bromofluorobenzene	12.483	95	73833	43.080	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.160%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	2678	11.737	ug/l #	72
16) Acetone	3.954	43	4078	8.846	ug/l	91
20) Methylene Chloride	4.716	84	11994	5.682	ug/l	93
25) 2-Butanone	7.009	43	1214	13.228	ug/l	93
29) Tetrahydrofuran	7.362	42	506	1.323	ug/l #	80
31) Cyclohexane	7.795	56	3189	1.196	ug/l #	9
36) 1,1-Dichloropropene	7.795	75	10552	4.854	ug/l #	50
38) Carbon Tetrachloride	7.795	117	11290	5.077	ug/l #	16
59) 2-Hexanone	10.837	43	258	24.038	ug/l	79
74) N-amyl acetate	12.124	43	140	3.227	ug/l #	36
76) 1,2,3-Trichloropropane	12.483	75	44019	61.082	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44019	121.032	ug/l #	7

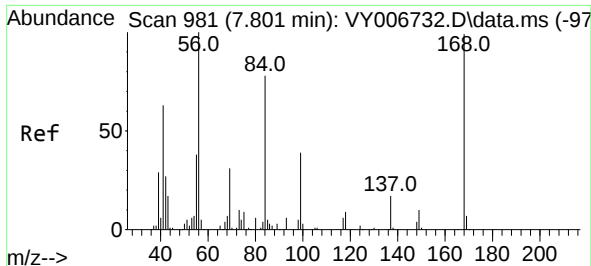
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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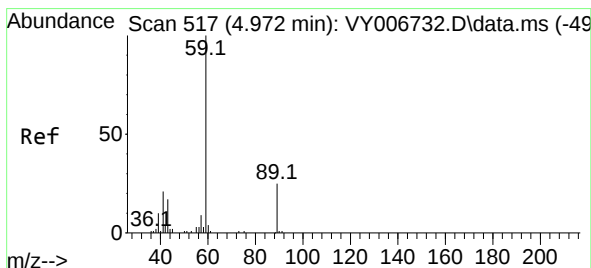
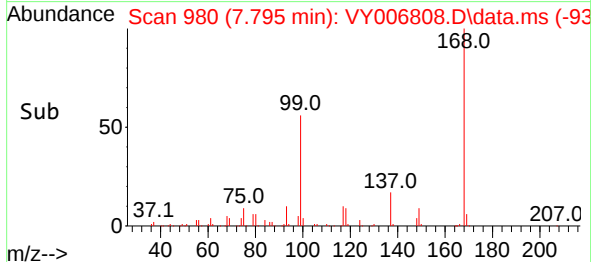
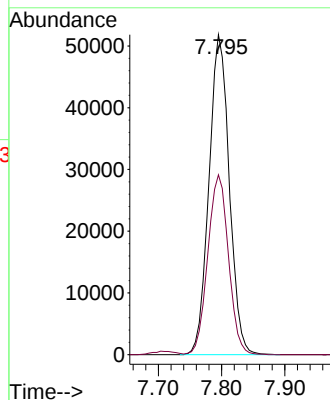
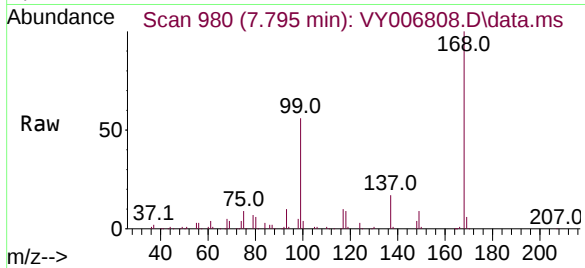




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006808.D
Acq: 18 Nov 2021 15:08

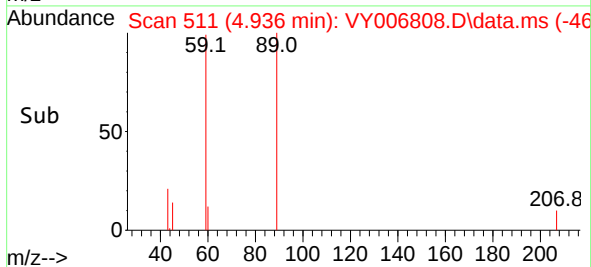
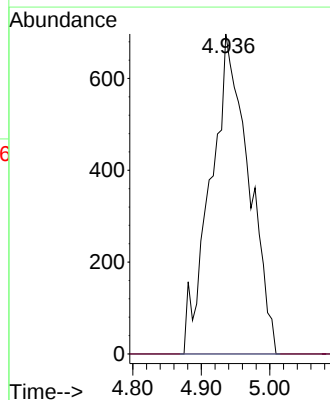
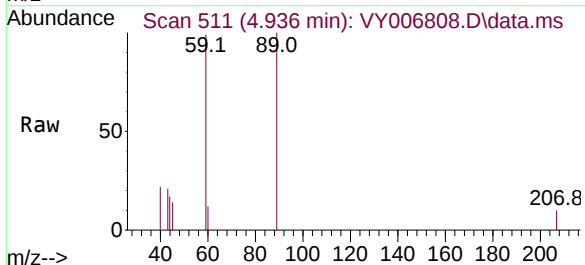
Instrument :
MSVOA_Y
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3-COMP

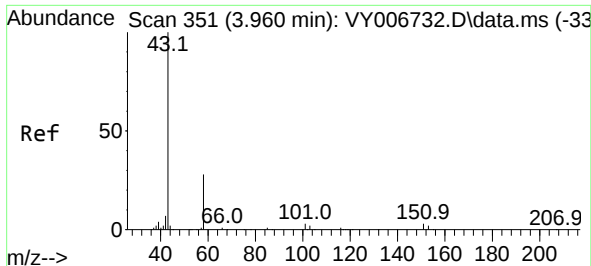
Tgt Ion:168 Resp: 115766
Ion Ratio Lower Upper
168 100
99 56.2 44.8 67.2



#11
Tert butyl alcohol
Concen: 11.737 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.036 min
Lab File: VY006808.D
Acq: 18 Nov 2021 15:08

Tgt Ion: 59 Resp: 2678
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

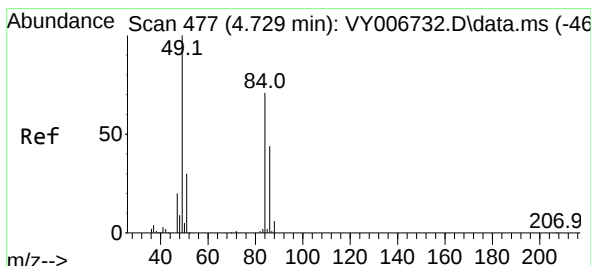
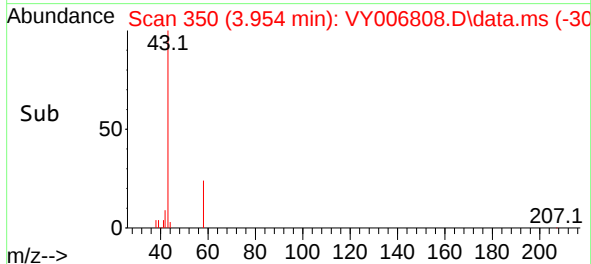
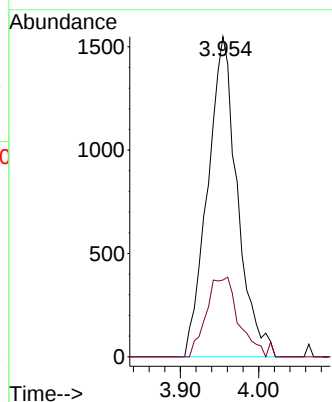
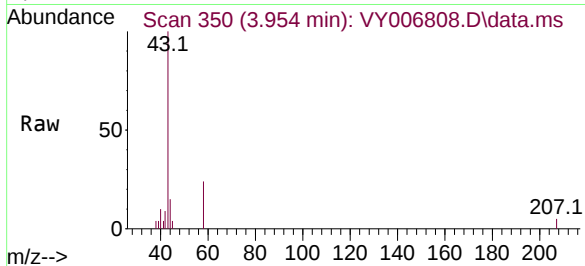




#16
Acetone
Concen: 8.846 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY006808.D
Acq: 18 Nov 2021 15:08

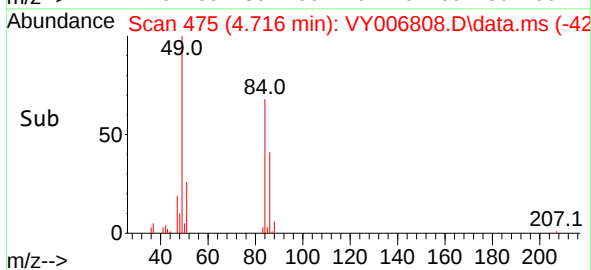
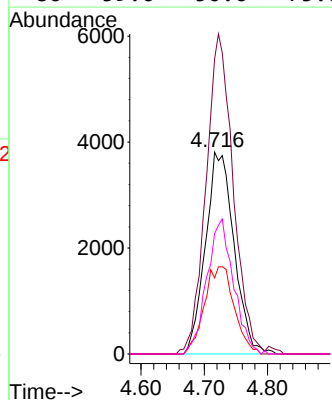
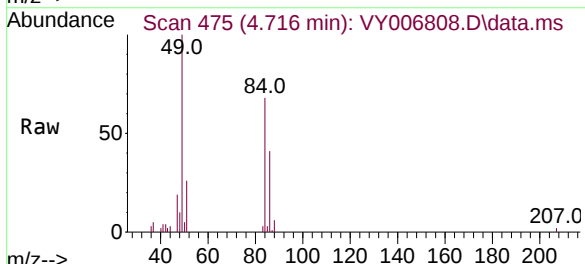
Instrument :
MSVOA_Y
ClientSampleId :
3-COMP

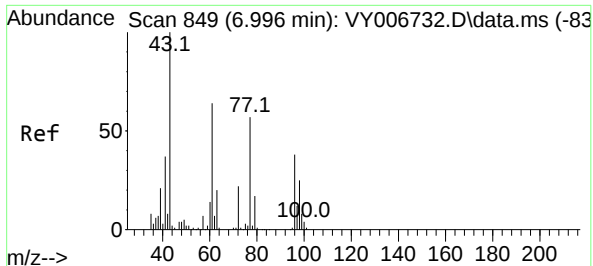
Tgt Ion: 43 Resp: 4078
Ion Ratio Lower Upper
43 100
58 24.0 22.9 34.3



#20
Methylene Chloride
Concen: 5.682 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY006808.D
Acq: 18 Nov 2021 15:08

Tgt Ion: 84 Resp: 11994
Ion Ratio Lower Upper
84 100
49 144.5 107.8 161.8
51 37.7 32.8 49.2
86 59.6 50.6 75.8





#25

2-Butanone

Concen: 13.228 ug/l

RT: 7.009 min Scan# 8

Delta R.T. 0.013 min

Lab File: VY006808.D

Acq: 18 Nov 2021 15:08

Instrument :

MSVOA_Y

ClientSampleId :

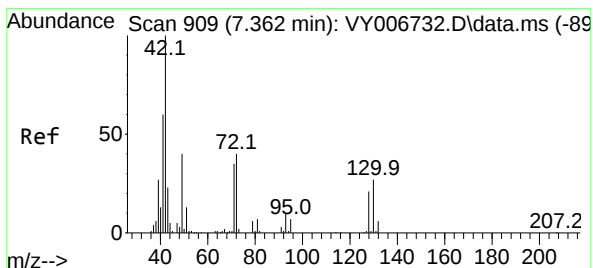
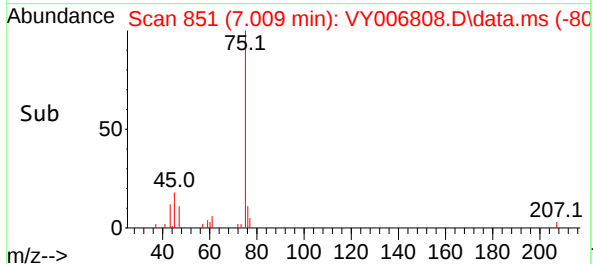
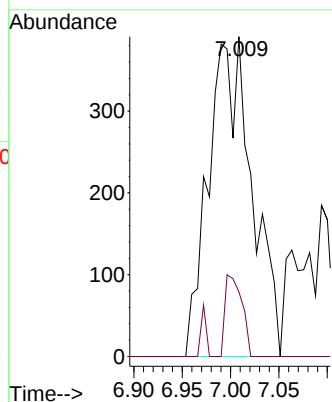
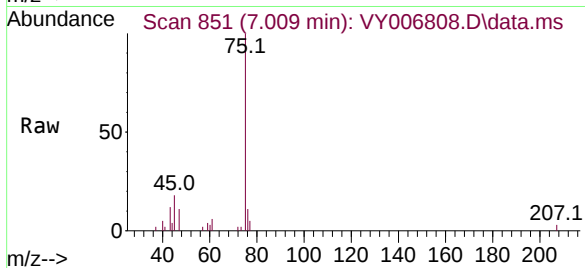
3-COMP

Tgt Ion: 43 Resp: 1214

Ion Ratio Lower Upper

43 100

72 20.2 18.9 28.3



#29

Tetrahydrofuran

Concen: 1.323 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY006808.D

Acq: 18 Nov 2021 15:08

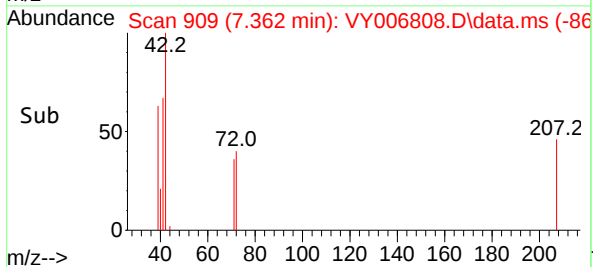
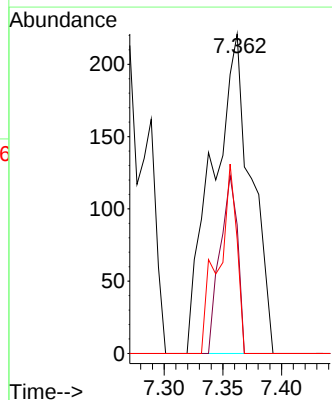
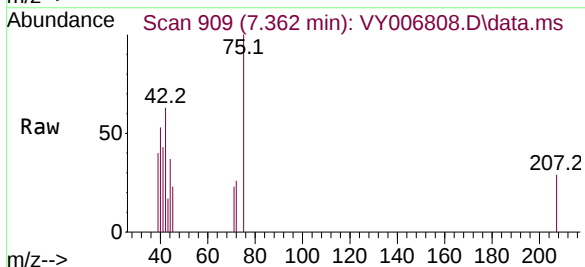
Tgt Ion: 42 Resp: 506

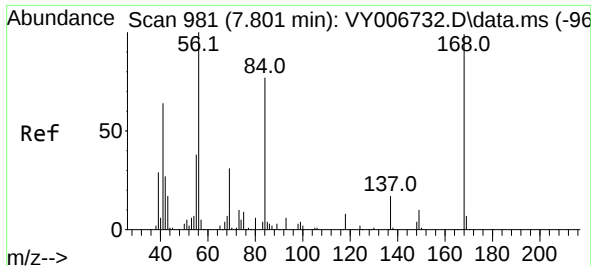
Ion Ratio Lower Upper

42 100

72 25.3 32.0 48.0#

71 28.5 30.3 45.5#

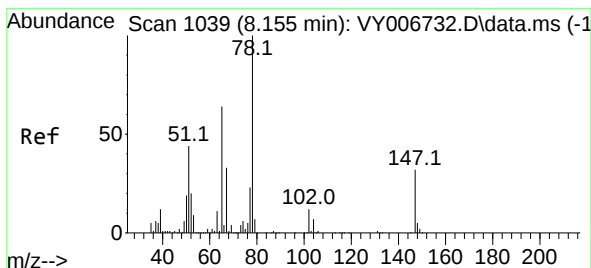
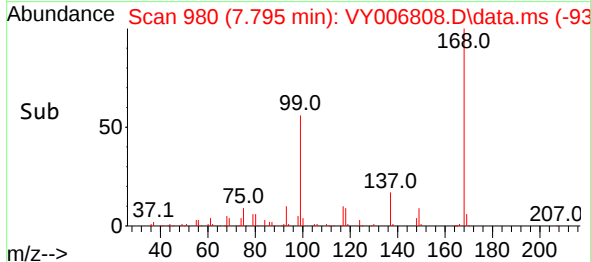
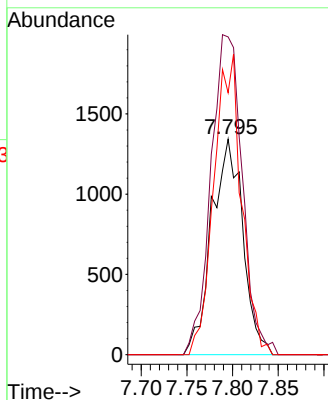
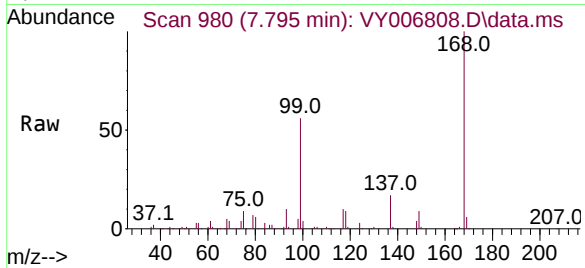




#31
Cyclohexane
Concen: 1.196 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006808.D
Acq: 18 Nov 2021 15:08

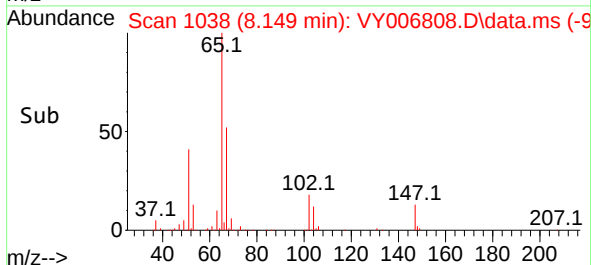
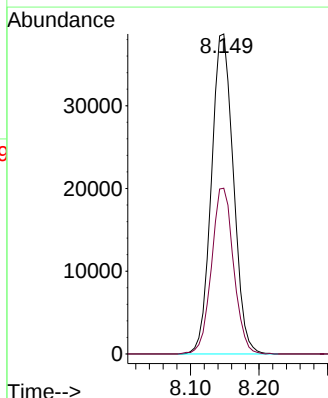
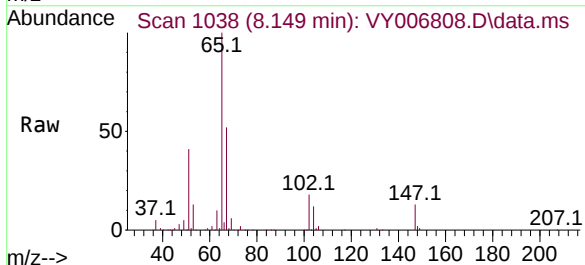
Instrument :
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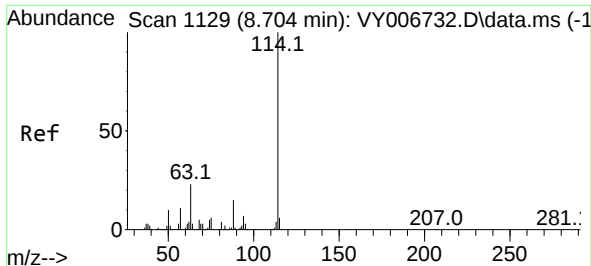
Tgt Ion: 56 Resp: 3189
Ion Ratio Lower Upper
56 100
69 147.4 26.6 40.0#
84 121.5 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 56.772 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006808.D
Acq: 18 Nov 2021 15:08

Tgt Ion: 65 Resp: 86138
Ion Ratio Lower Upper
65 100
67 52.1 0.0 98.2

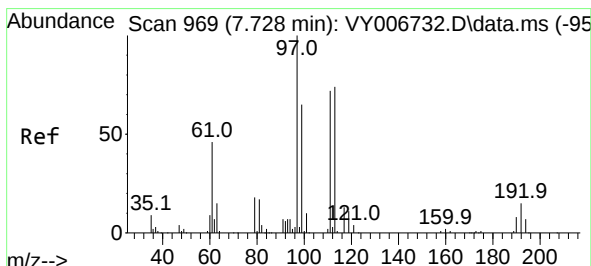
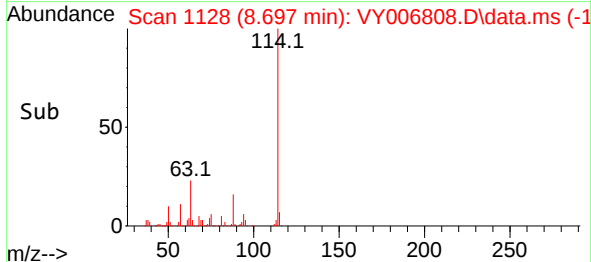
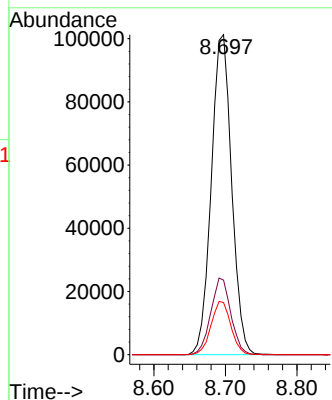
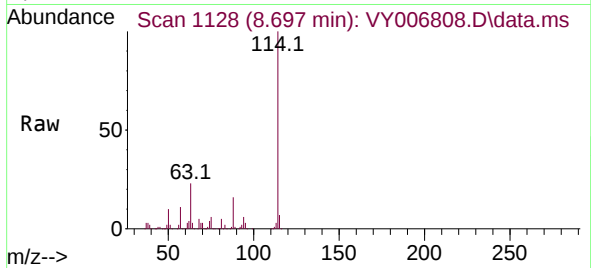




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY006808.D
Acq: 18 Nov 2021 15:08

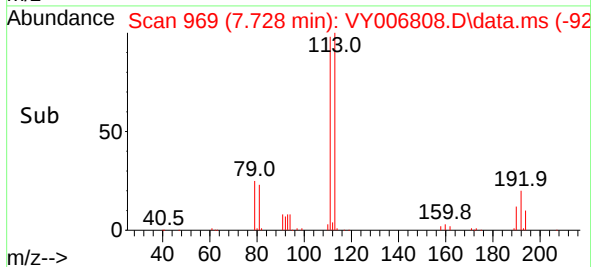
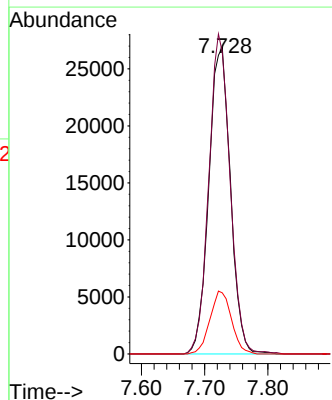
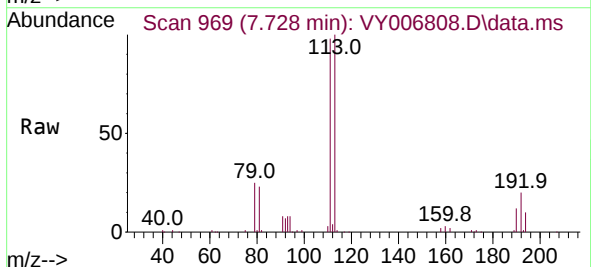
Instrument :
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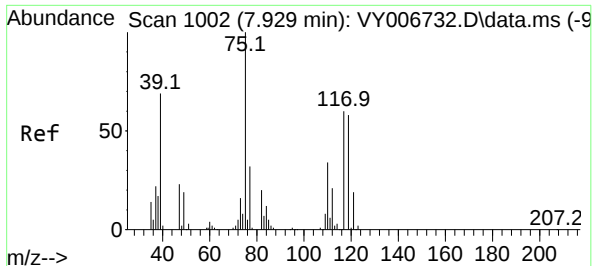
Tgt Ion:114 Resp: 200008
Ion Ratio Lower Upper
114 100
63 23.3 0.0 45.0
88 16.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.048 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006808.D
Acq: 18 Nov 2021 15:08

Tgt Ion:113 Resp: 63943
Ion Ratio Lower Upper
113 100
111 102.5 82.3 123.5
192 20.4 17.4 26.2

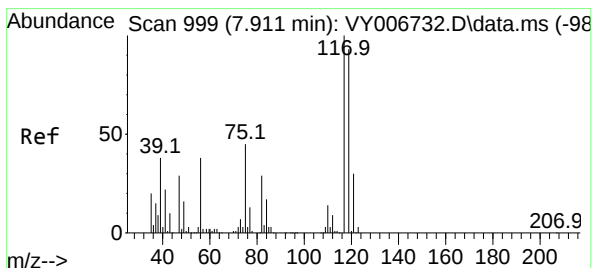
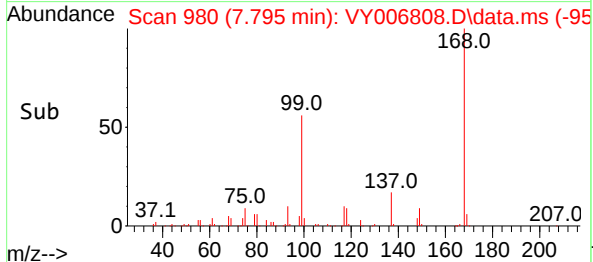
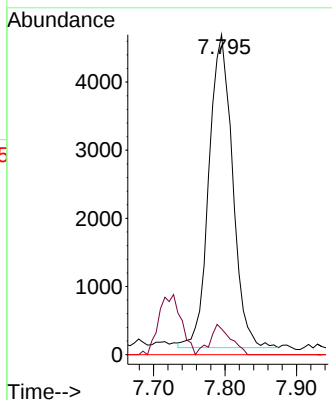
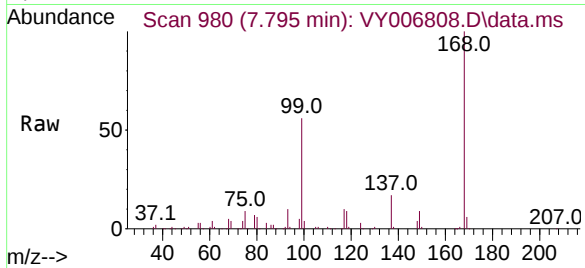




#36
 1,1-Dichloropropene
 Concen: 4.854 ug/l
 RT: 7.795 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY006808.D
 Acq: 18 Nov 2021 15:08

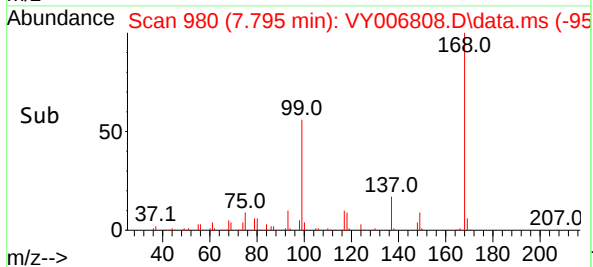
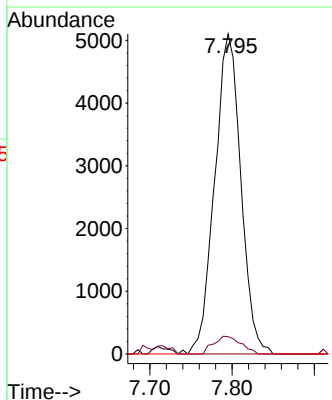
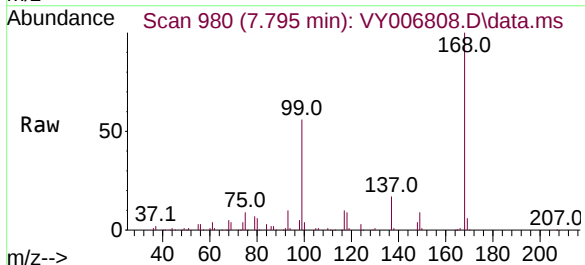
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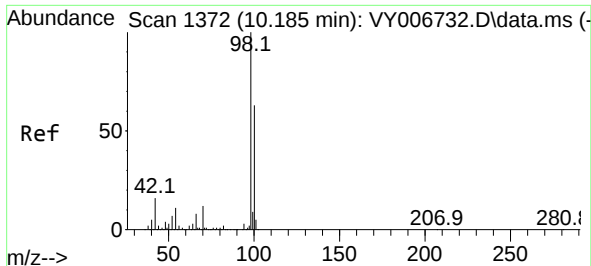
Tgt Ion: 75 Resp: 10552
 Ion Ratio Lower Upper
 75 100
 110 8.3 17.1 51.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 5.077 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY006808.D
 Acq: 18 Nov 2021 15:08

Tgt Ion: 117 Resp: 11290
 Ion Ratio Lower Upper
 117 100
 119 5.4 76.6 115.0#
 121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 49.752 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY006808.D

Acq: 18 Nov 2021 15:08

Instrument :

MSVOA_Y

ClientSampleId :

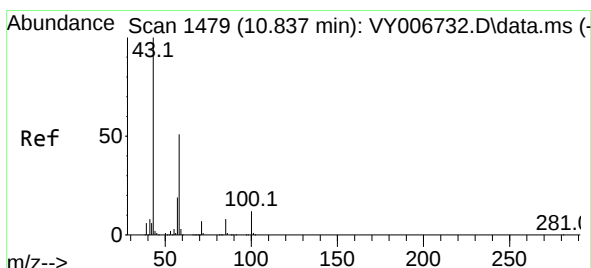
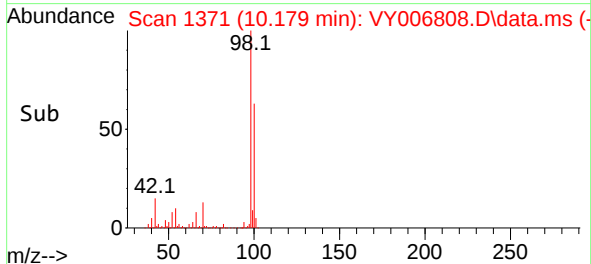
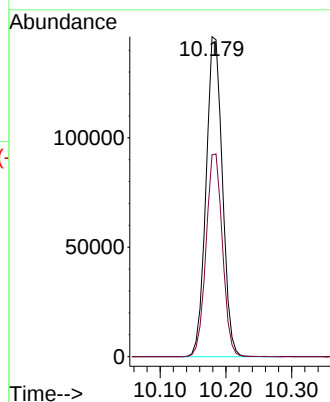
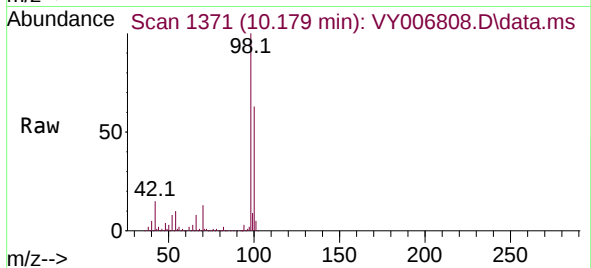
3-COMP

Tgt Ion: 98 Resp: 252928

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3



#59

2-Hexanone

Concen: 24.038 ug/l

RT: 10.837 min Scan# 1479

Delta R.T. 0.000 min

Lab File: VY006808.D

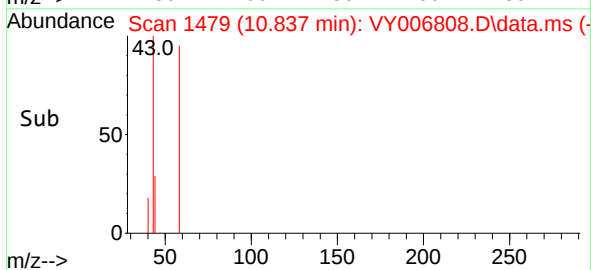
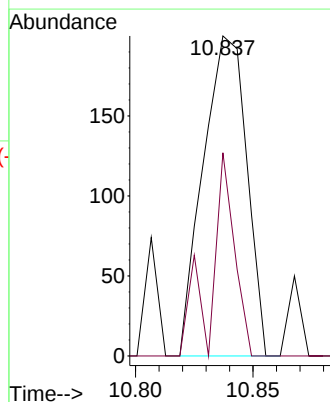
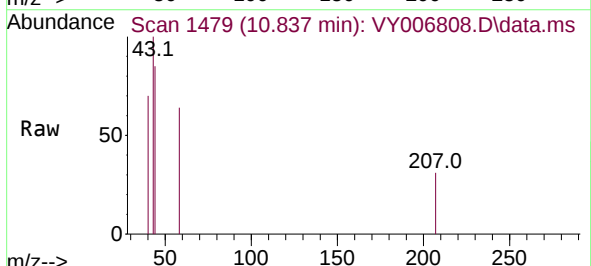
Acq: 18 Nov 2021 15:08

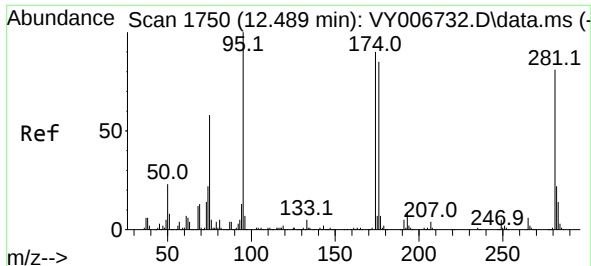
Tgt Ion: 43 Resp: 258

Ion Ratio Lower Upper

43 100

58 34.5 24.6 73.6

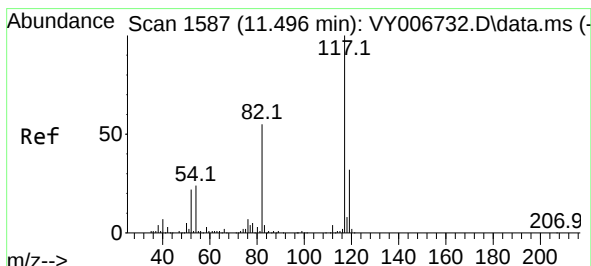
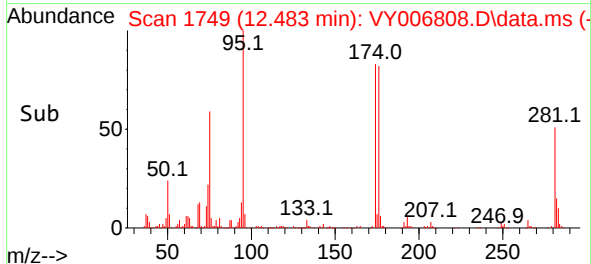
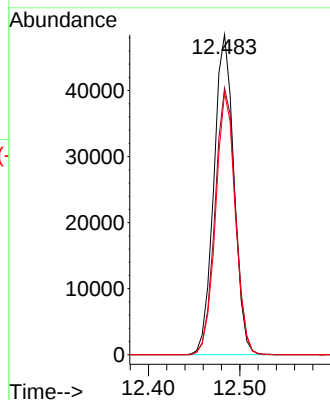
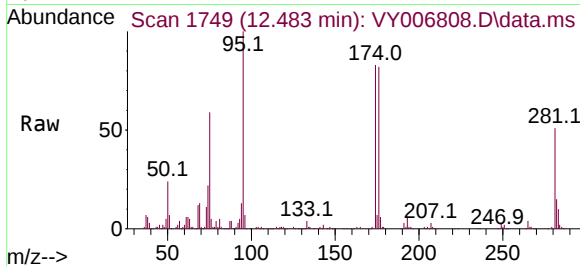




#62
4-Bromofluorobenzene
Concen: 43.080 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006808.D
Acq: 18 Nov 2021 15:08

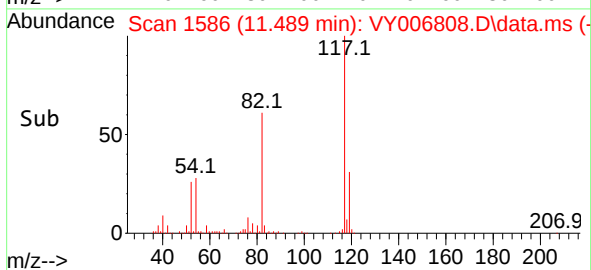
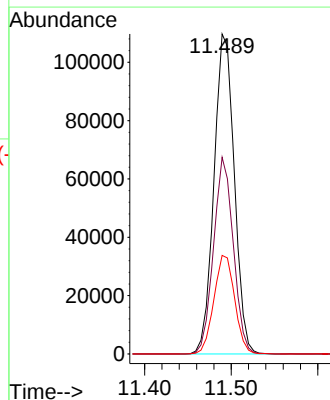
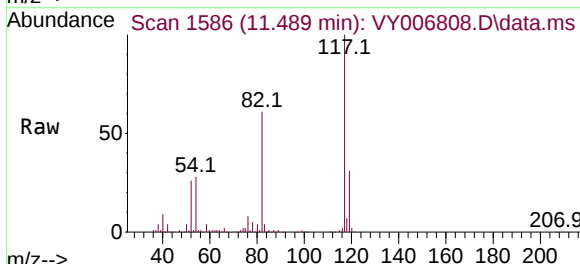
Instrument :
MSVOA_Y
ClientSampleId :
3-COMP

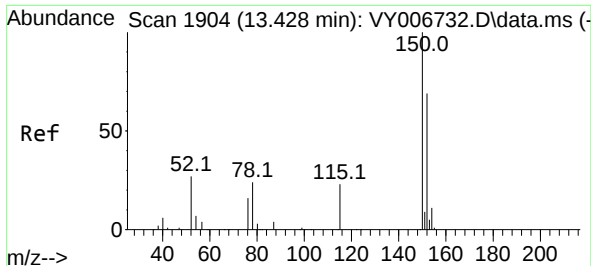
Tgt Ion: 95 Resp: 73833
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 80.5 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006808.D
Acq: 18 Nov 2021 15:08

Tgt Ion: 117 Resp: 178991
Ion Ratio Lower Upper
117 100
82 61.5 45.7 68.5
119 30.8 25.5 38.3

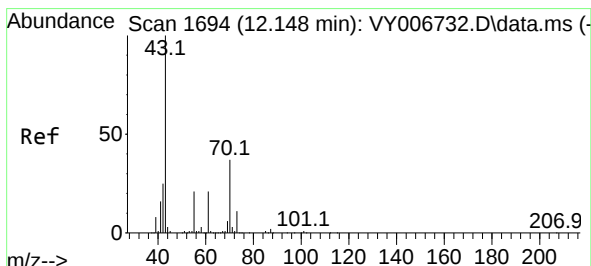
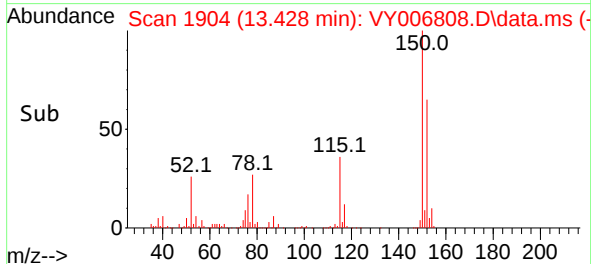
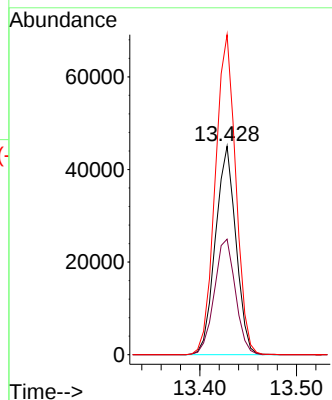
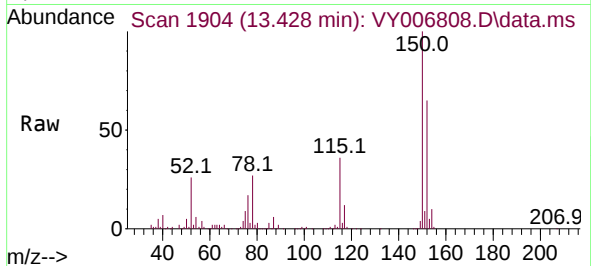




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006808.D
Acq: 18 Nov 2021 15:08

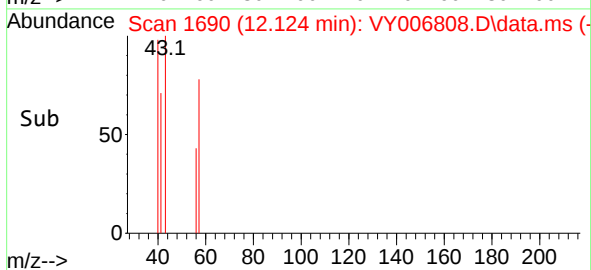
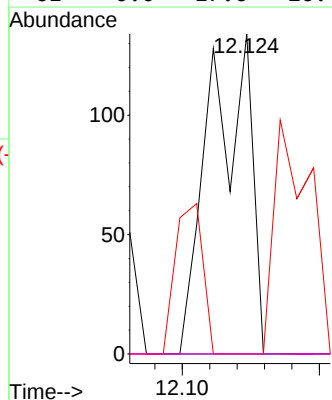
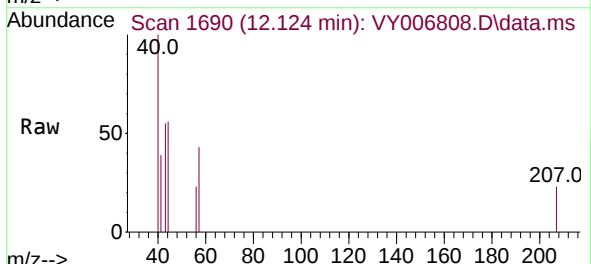
Instrument :
MSVOA_Y
ClientSampleId :
3-COMP

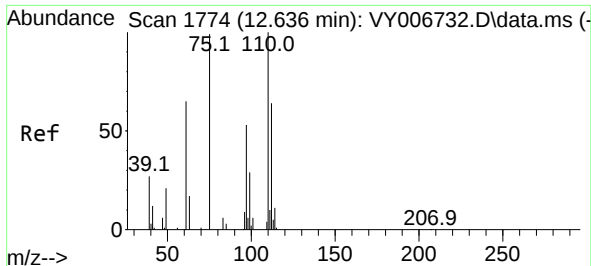
Tgt Ion:152 Resp: 66284
Ion Ratio Lower Upper
152 100
115 57.3 28.5 85.5
150 153.6 0.0 348.2



#74
N-ethyl acetate
Concen: 3.227 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.024 min
Lab File: VY006808.D
Acq: 18 Nov 2021 15:08

Tgt Ion: 43 Resp: 140
Ion Ratio Lower Upper
43 100
70 0.0 29.4 44.0#
55 62.9 18.1 27.1#
61 0.0 17.6 26.4#

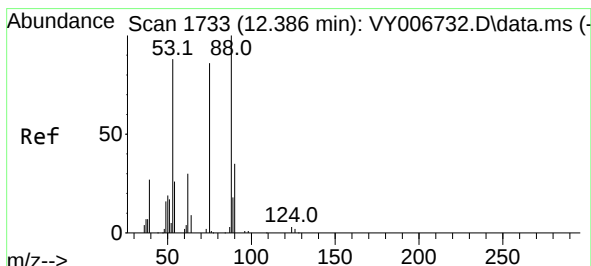
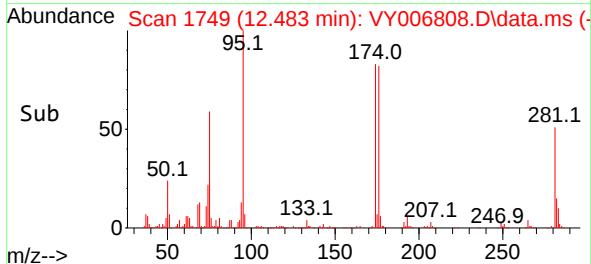
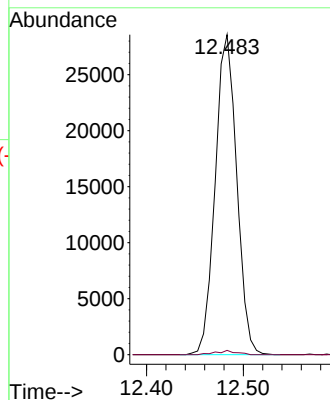
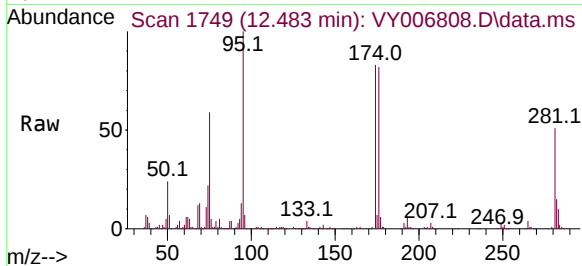




#76
 1,2,3-Trichloropropane
 Concen: 61.082 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY006808.D
 Acq: 18 Nov 2021 15:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 3-COMP

Tgt Ion: 75 Resp: 44019
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.032 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.097 min
 Lab File: VY006808.D
 Acq: 18 Nov 2021 15:08

Tgt Ion: 75 Resp: 44019
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.8 128.6#
 89 0.5 39.3 58.9#

