

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006756.D
 Acq On : 16 Nov 2021 13:04
 Operator : SY/MD
 Sample : M4681-01
 Misc : 5.48G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Nov 16 15:57:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 15 14:30:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

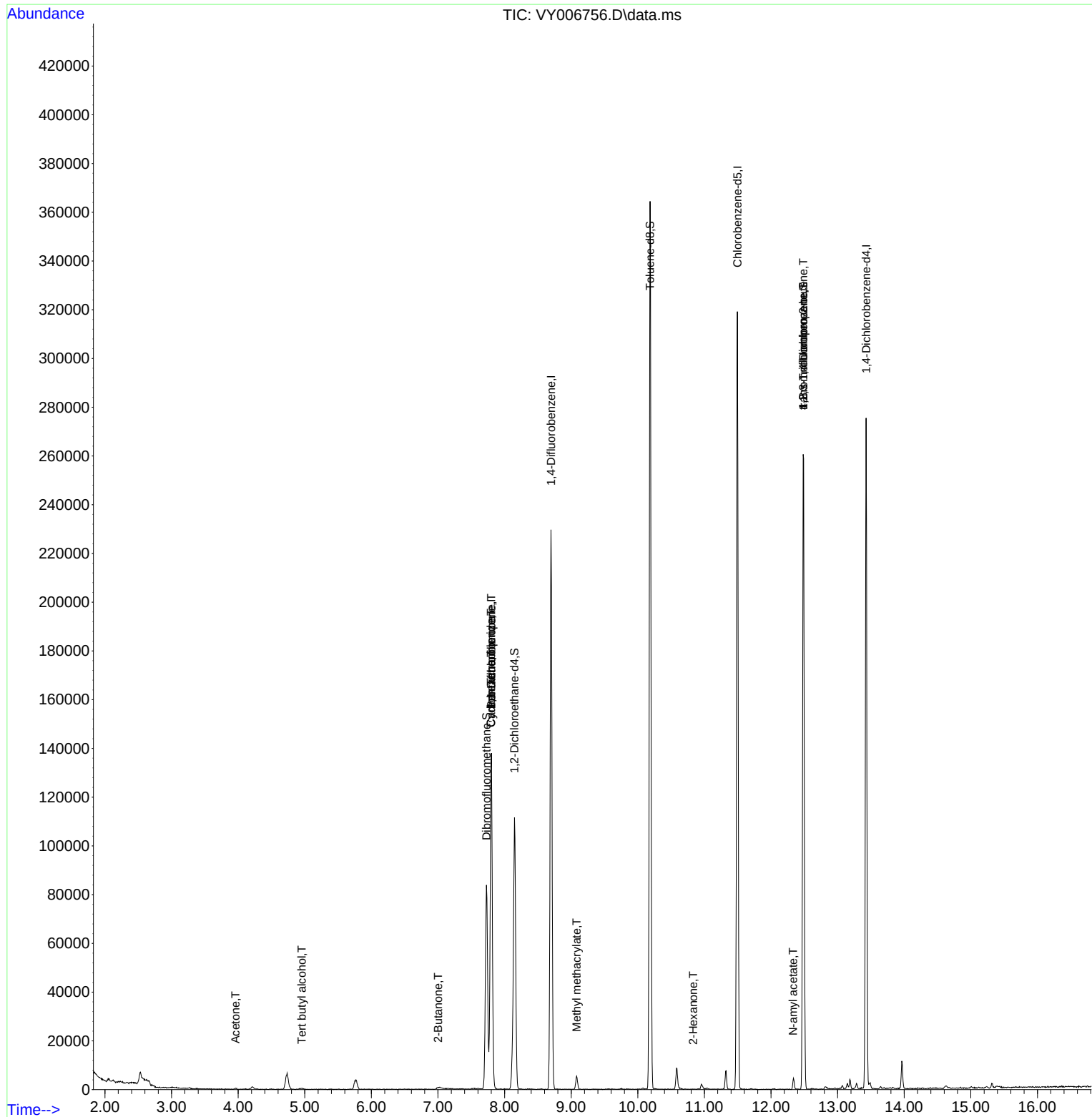
Internal Standards						
1) Pentafluorobenzene	7.801	168	101593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	176750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	164091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84016	63.099	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.200%	
35) Dibromofluoromethane	7.728	113	55888	51.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.960%	
50) Toluene-d8	10.185	98	222192	49.457	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.920%	
62) 4-Bromofluorobenzene	12.483	95	66890	44.164	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.320%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	729	3.641	ug/l #	72
16) Acetone	3.960	43	577	1.426	ug/l #	41
25) 2-Butanone	7.002	43	20	11.533	ug/l #	52
31) Cyclohexane	7.795	56	2622	1.120	ug/l #	23
36) 1,1-Dichloropropene	7.801	75	9271	4.826	ug/l #	50
38) Carbon Tetrachloride	7.795	117	10373	5.279	ug/l #	15
48) Methyl methacrylate	9.081	41	1528	1.338	ug/l #	37
59) 2-Hexanone	10.831	43	22	23.838	ug/l #	28
74) N-amyl acetate	12.331	43	122	3.221	ug/l #	31
76) 1,2,3-Trichloropropane	12.483	75	38574	94.969	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	38574	111.468	ug/l #	7

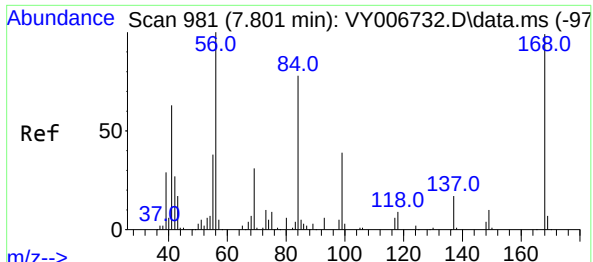
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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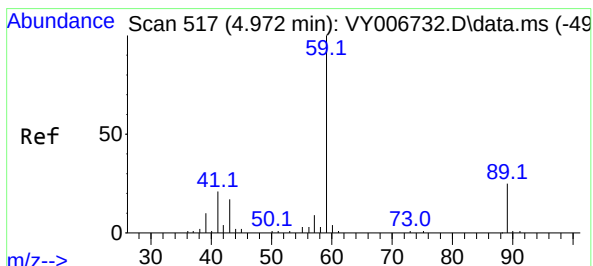
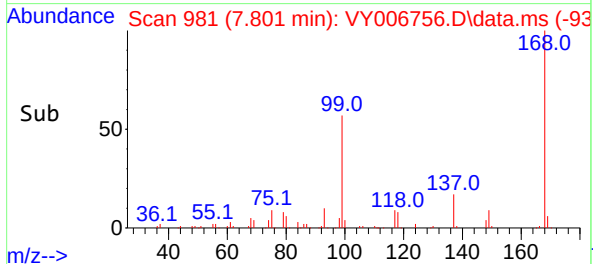
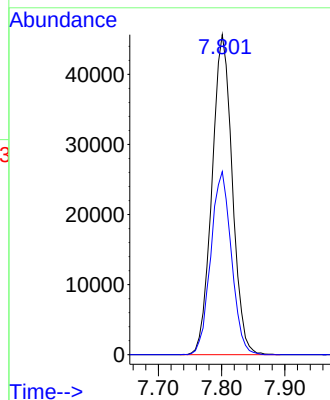
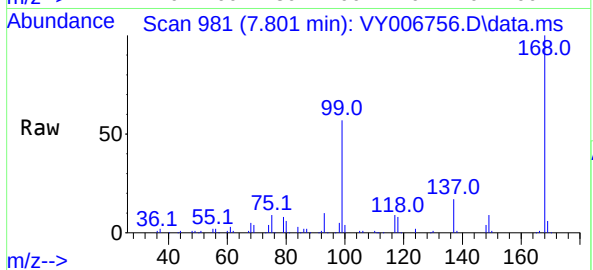




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006756.D
Acq: 16 Nov 2021 13:04

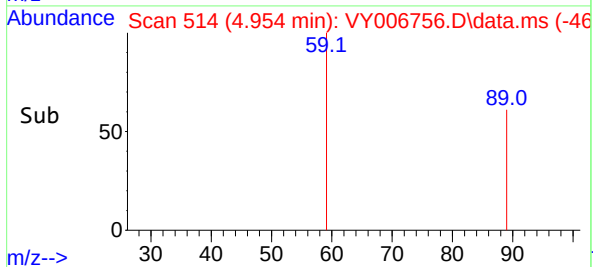
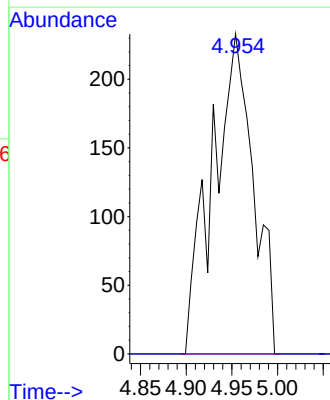
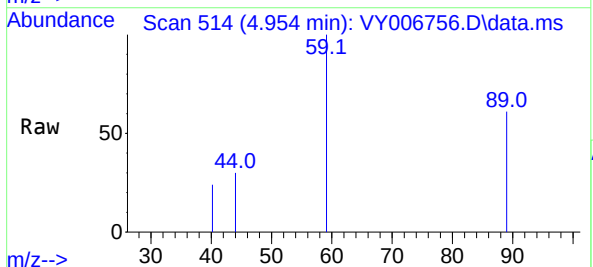
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

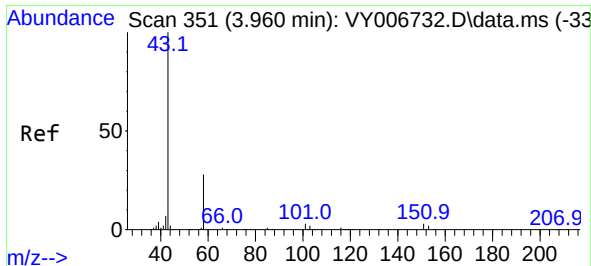
Tgt Ion:168 Resp: 101593
Ion Ratio Lower Upper
168 100
99 57.2 44.8 67.2



#11
Tert butyl alcohol
Concen: 3.641 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY006756.D
Acq: 16 Nov 2021 13:04

Tgt Ion: 59 Resp: 729
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

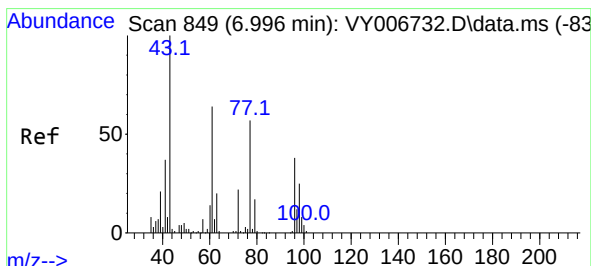
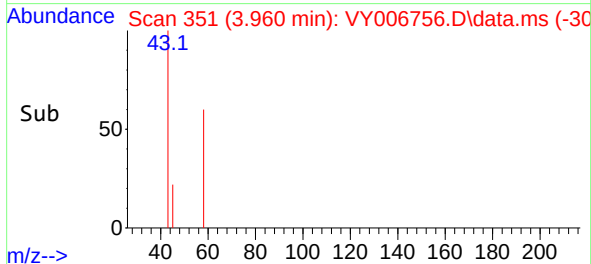
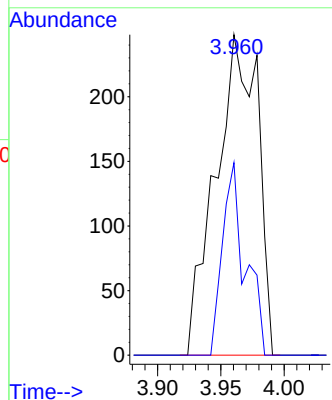
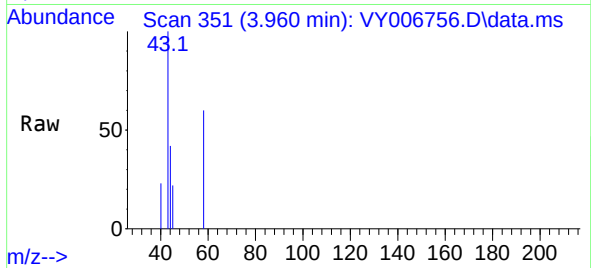




#16
Acetone
Concen: 1.426 ug/l
RT: 3.960 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY006756.D
Acq: 16 Nov 2021 13:04

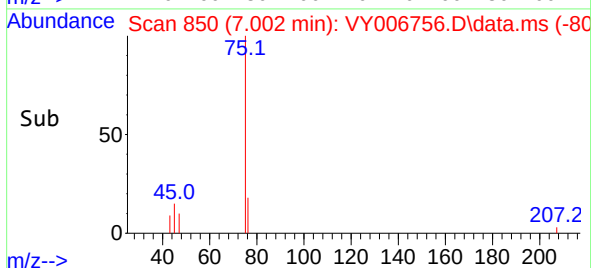
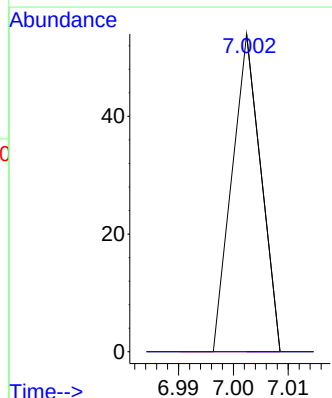
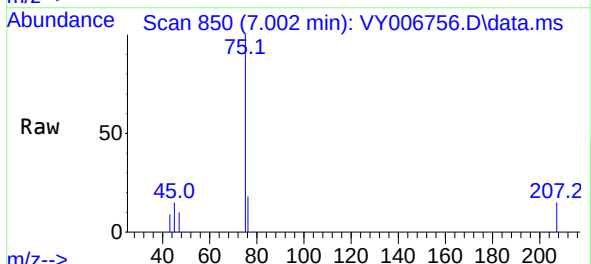
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

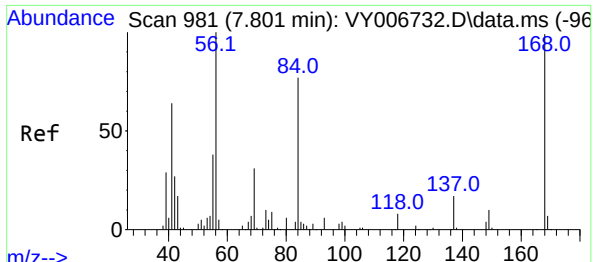
Tgt Ion: 43 Resp: 577
Ion Ratio Lower Upper
43 100
58 60.1 22.9 34.3#



#25
2-Butanone
Concen: 11.533 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY006756.D
Acq: 16 Nov 2021 13:04

Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
72 0.0 18.9 28.3#

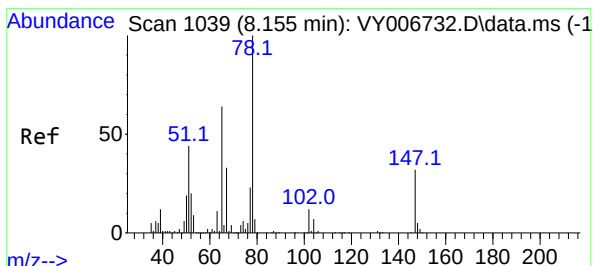
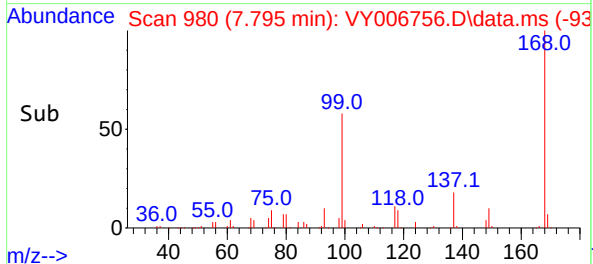
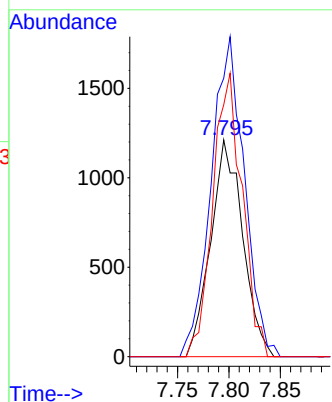
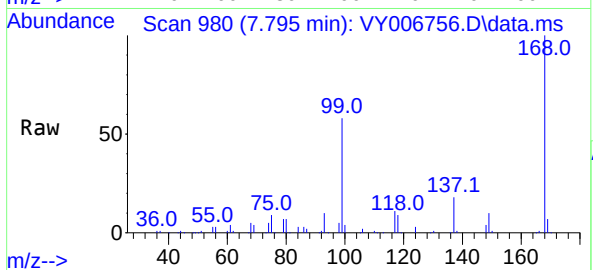




#31
Cyclohexane
Concen: 1.120 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY006756.D
Acq: 16 Nov 2021 13:04

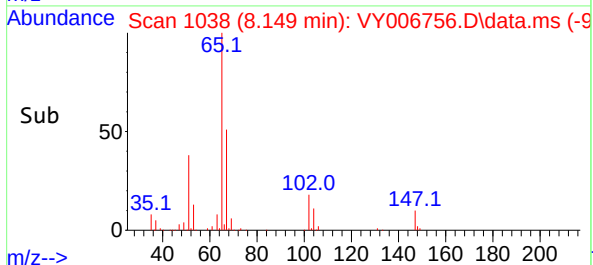
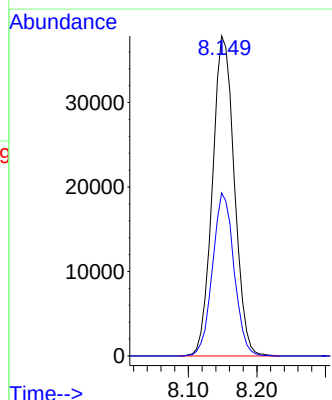
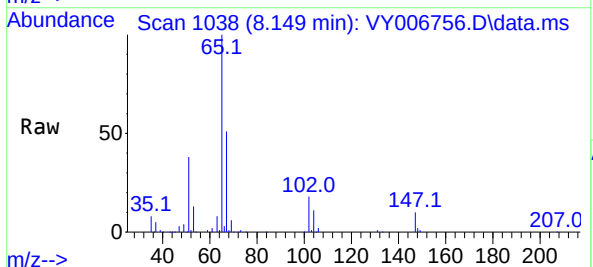
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

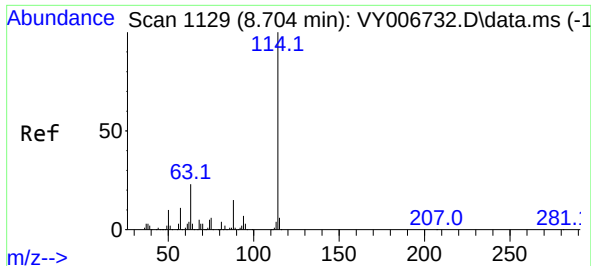
Tgt Ion: 56 Resp: 2622
Ion Ratio Lower Upper
56 100
69 128.4 26.6 40.0#
84 116.2 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 63.099 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006756.D
Acq: 16 Nov 2021 13:04

Tgt Ion: 65 Resp: 84016
Ion Ratio Lower Upper
65 100
67 50.0 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY006756.D

Acq: 16 Nov 2021 13:04

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

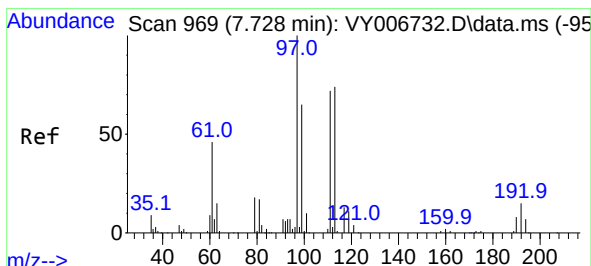
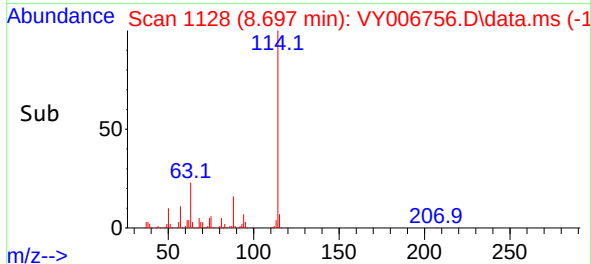
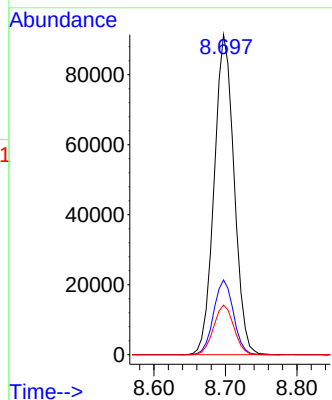
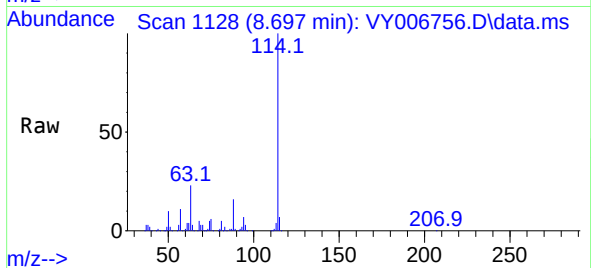
Tgt Ion:114 Resp: 176750

Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.0

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.478 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006756.D

Acq: 16 Nov 2021 13:04

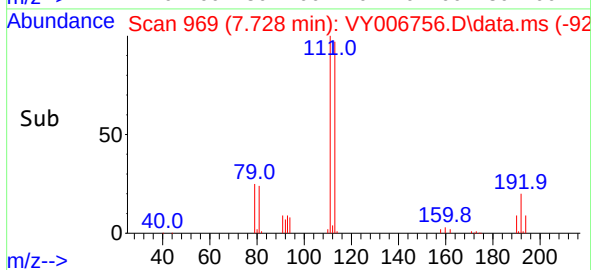
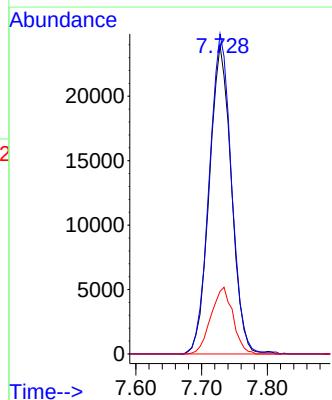
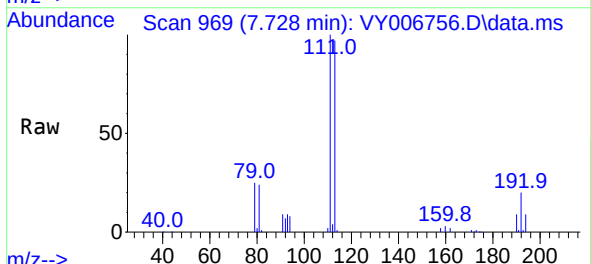
Tgt Ion:113 Resp: 55888

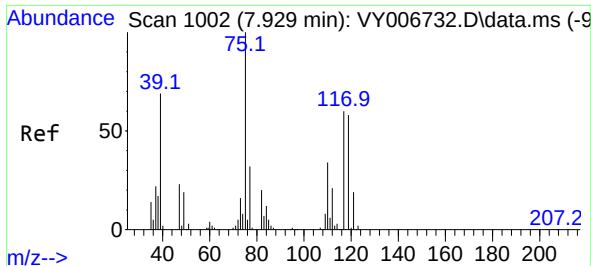
Ion Ratio Lower Upper

113 100

111 104.1 82.3 123.5

192 21.5 17.4 26.2





#36

1,1-Dichloropropene

Concen: 4.826 ug/l

RT: 7.801 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY006756.D

Acq: 16 Nov 2021 13:04

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

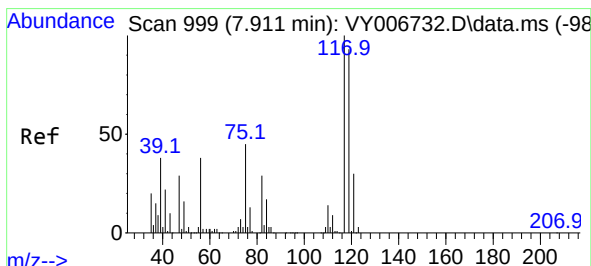
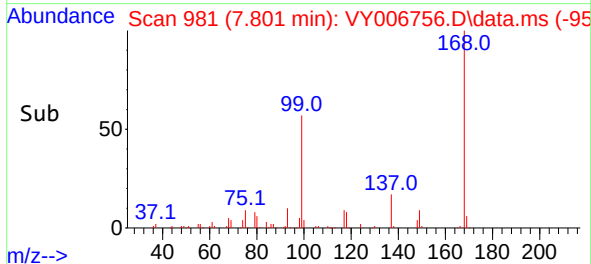
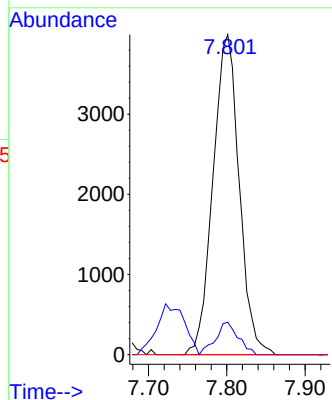
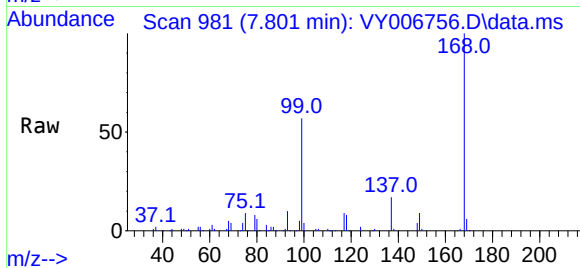
Tgt Ion: 75 Resp: 9271

Ion Ratio Lower Upper

75 100

110 8.8 17.1 51.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.279 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY006756.D

Acq: 16 Nov 2021 13:04

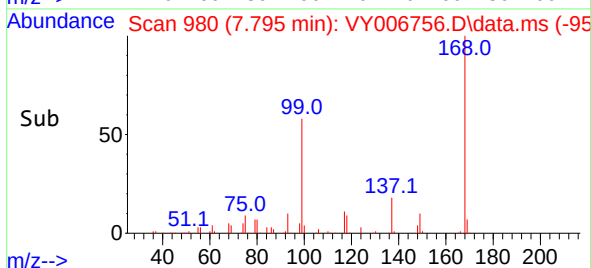
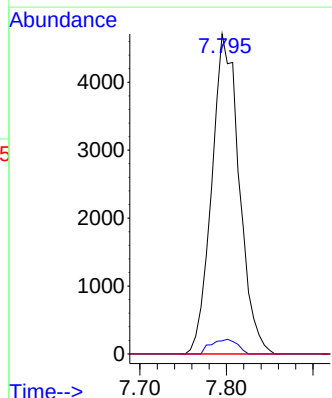
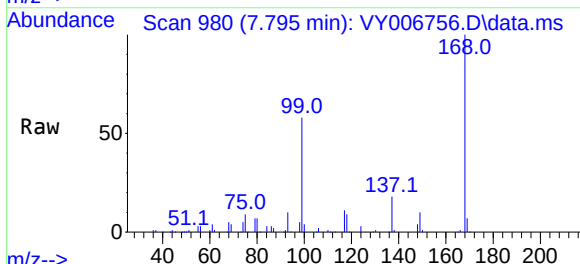
Tgt Ion: 117 Resp: 10373

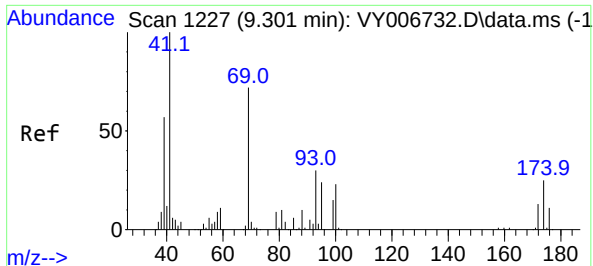
Ion Ratio Lower Upper

117 100

119 4.1 76.6 115.0#

121 0.0 24.7 37.1#





#48

Methyl methacrylate

Concen: 1.338 ug/l

RT: 9.081 min Scan# 1191

Delta R.T. -0.220 min

Lab File: VY006756.D

Acq: 16 Nov 2021 13:04

Instrument :

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ClientSampleId :

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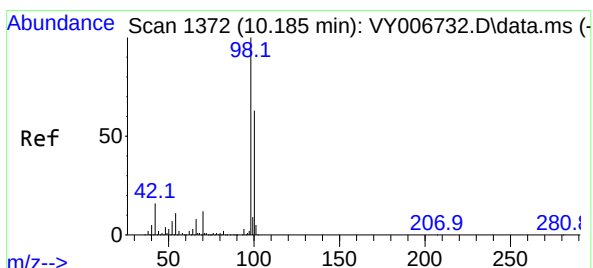
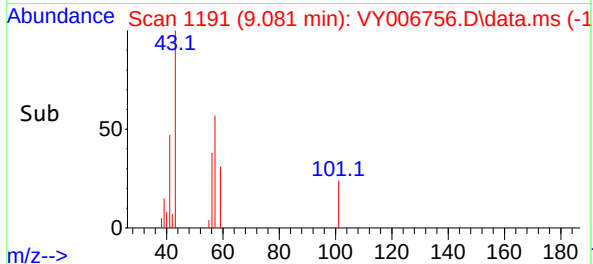
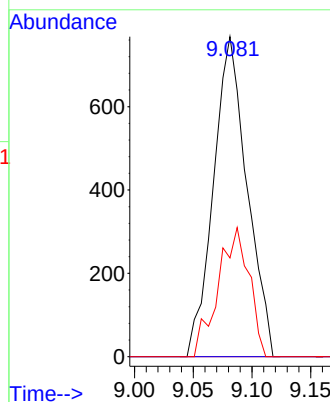
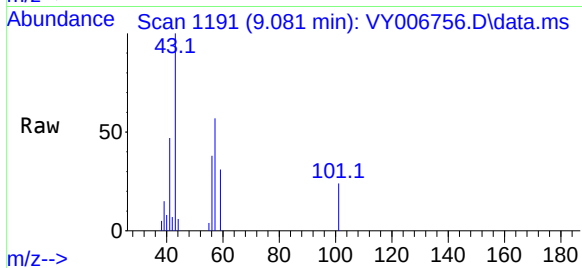
Tgt Ion: 41 Resp: 1528

Ion Ratio Lower Upper

41 100

69 0.0 60.4 90.6#

39 37.2 48.2 72.2#



#50

Toluene-d8

Concen: 49.457 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY006756.D

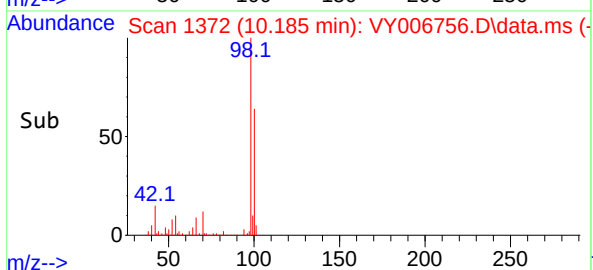
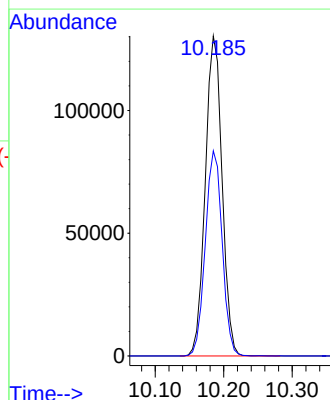
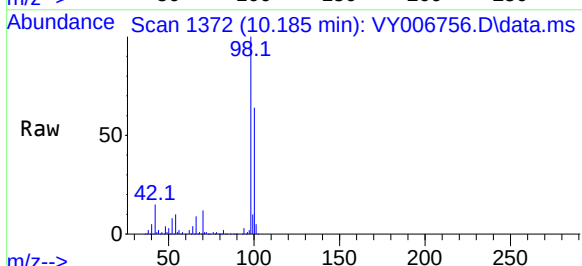
Acq: 16 Nov 2021 13:04

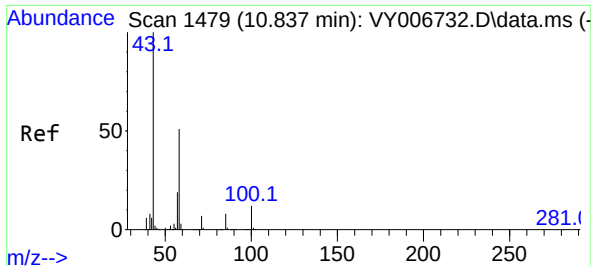
Tgt Ion: 98 Resp: 222192

Ion Ratio Lower Upper

98 100

100 64.4 50.9 76.3

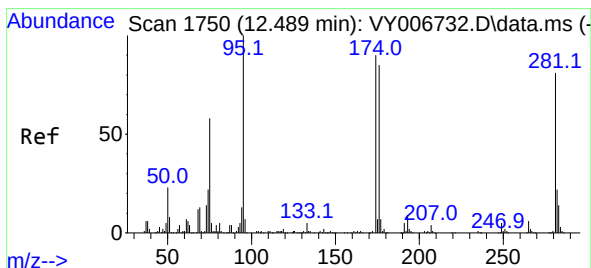
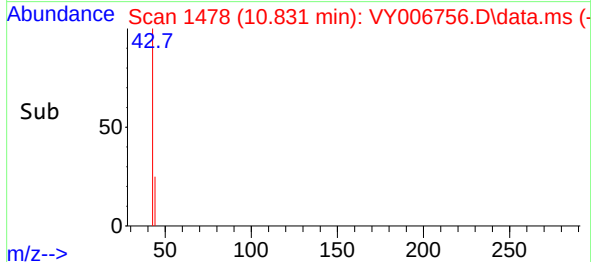
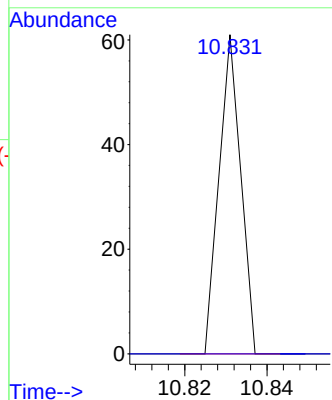
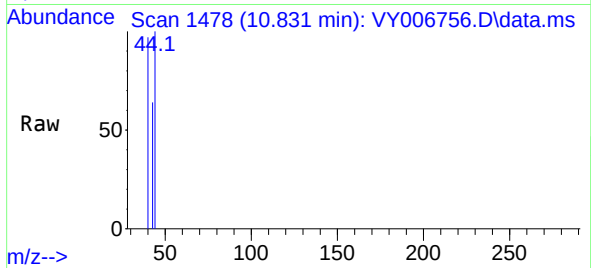




#59
2-Hexanone
Concen: 23.838 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY006756.D
Acq: 16 Nov 2021 13:04

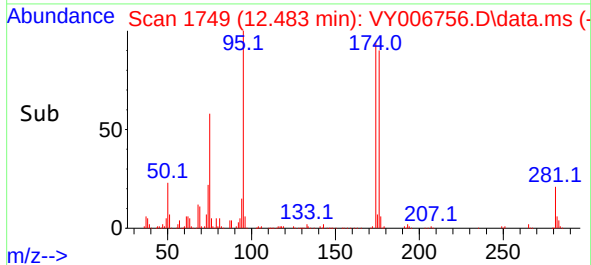
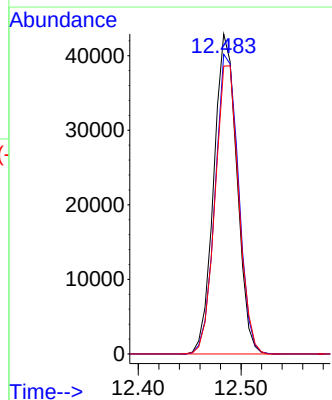
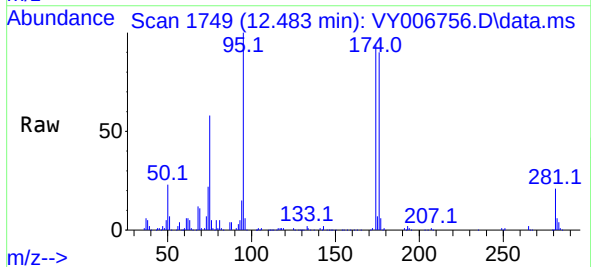
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

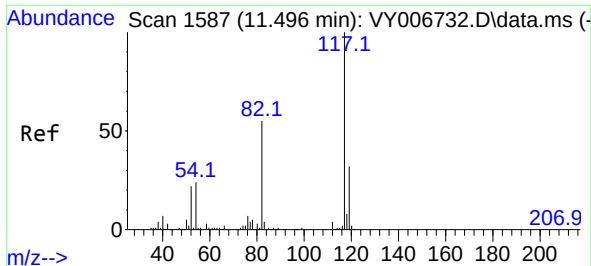
Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 44.164 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006756.D
Acq: 16 Nov 2021 13:04

Tgt Ion: 95 Resp: 66890
Ion Ratio Lower Upper
95 100
174 94.6 0.0 177.0
176 92.1 0.0 169.4

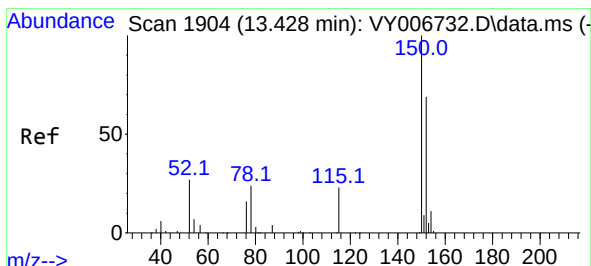
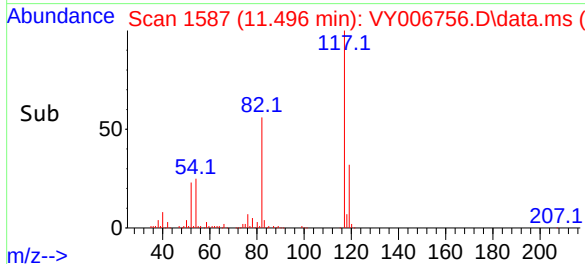
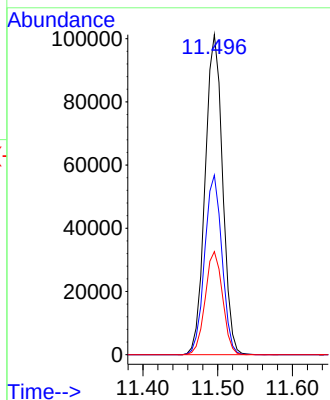
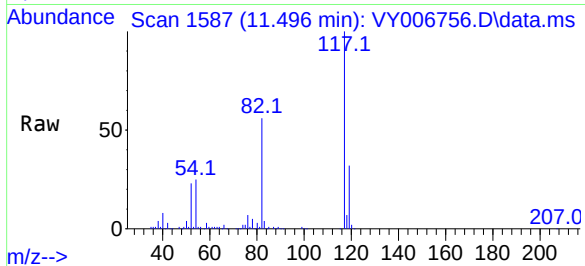




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006756.D
Acq: 16 Nov 2021 13:04

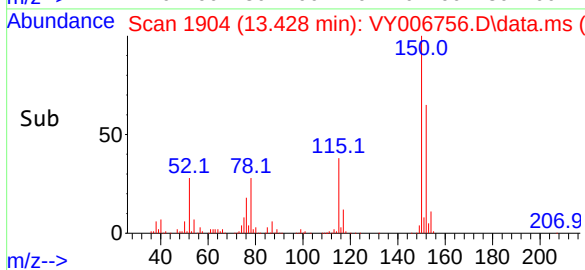
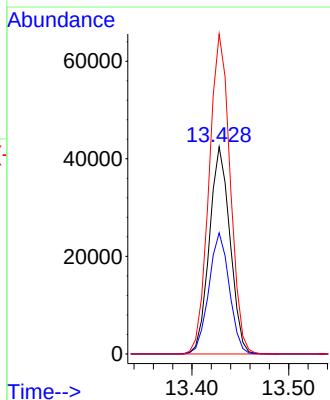
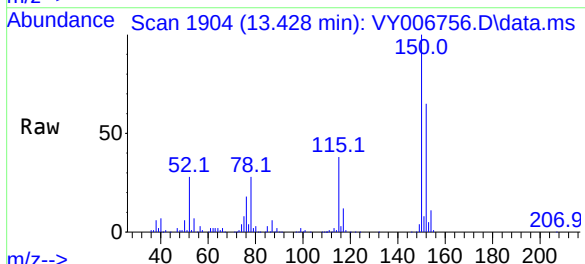
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

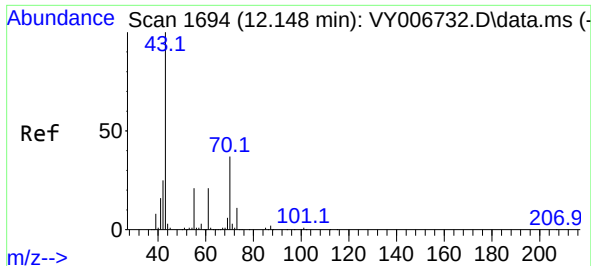
Tgt Ion:117 Resp: 164091
Ion Ratio Lower Upper
117 100
82 56.1 45.7 68.5
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006756.D
Acq: 16 Nov 2021 13:04

Tgt Ion:152 Resp: 63069
Ion Ratio Lower Upper
152 100
115 58.1 28.5 85.5
150 157.8 0.0 348.2

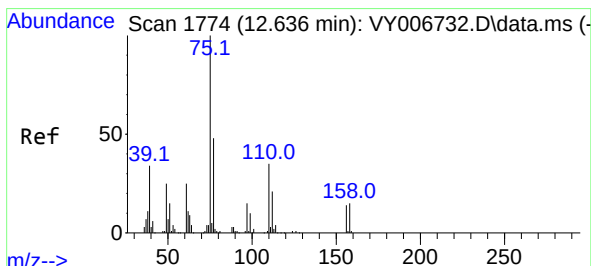
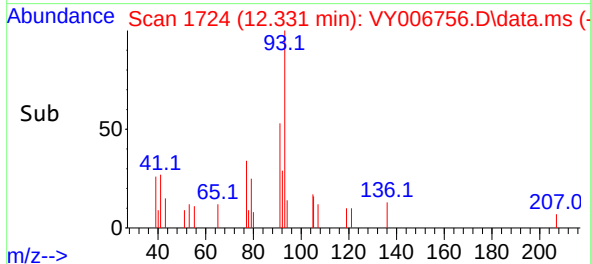
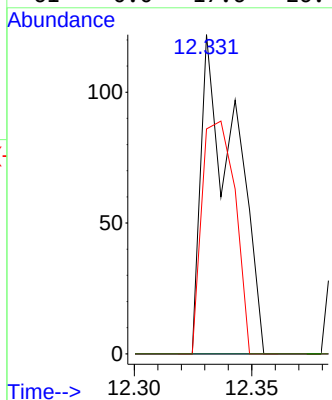
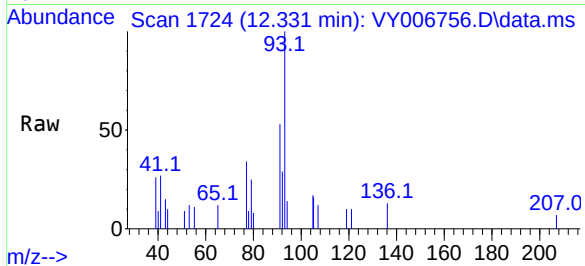




#74
N-amy1 acetate
Concen: 3.221 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.183 min
Lab File: VY006756.D
Acq: 16 Nov 2021 13:04

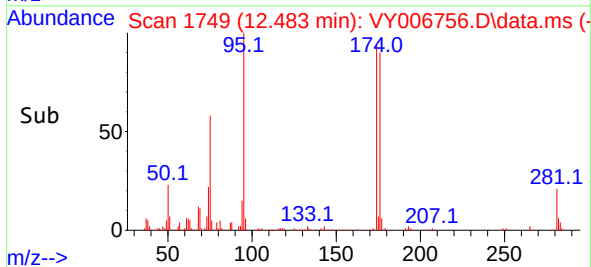
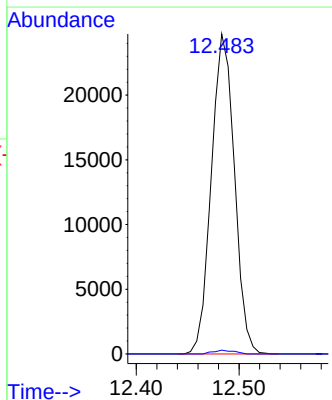
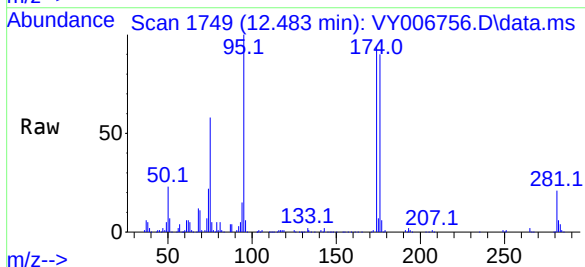
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

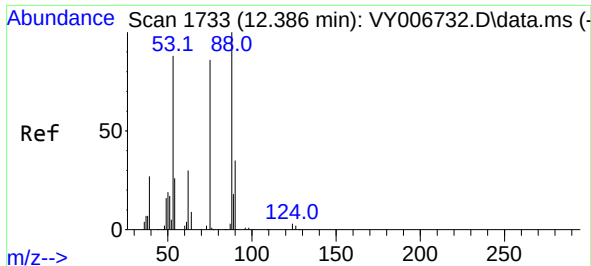
Tgt Ion: 43	Resp:	122
Ion	Ratio	Lower Upper
43	100	
70	0.0	29.4 44.0#
55	71.3	18.1 27.1#
61	0.0	17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 94.969 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006756.D
Acq: 16 Nov 2021 13:04

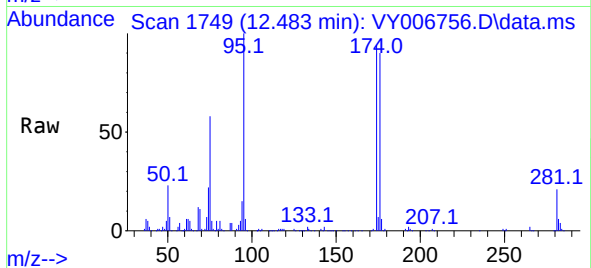
Tgt Ion: 75	Resp:	38574
Ion	Ratio	Lower Upper
75	100	
77	1.1	0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 111.468 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY006756.D
Acq: 16 Nov 2021 13:04

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1



Tgt Ion: 75 Resp: 38574
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

