

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112221\
 Data File : VY006852.D
 Acq On : 22 Nov 2021 14:43
 Operator : SY/MD
 Sample : M4754-01
 Misc : 5.55G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4-COMP

Quant Time: Nov 23 04:47:26 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)

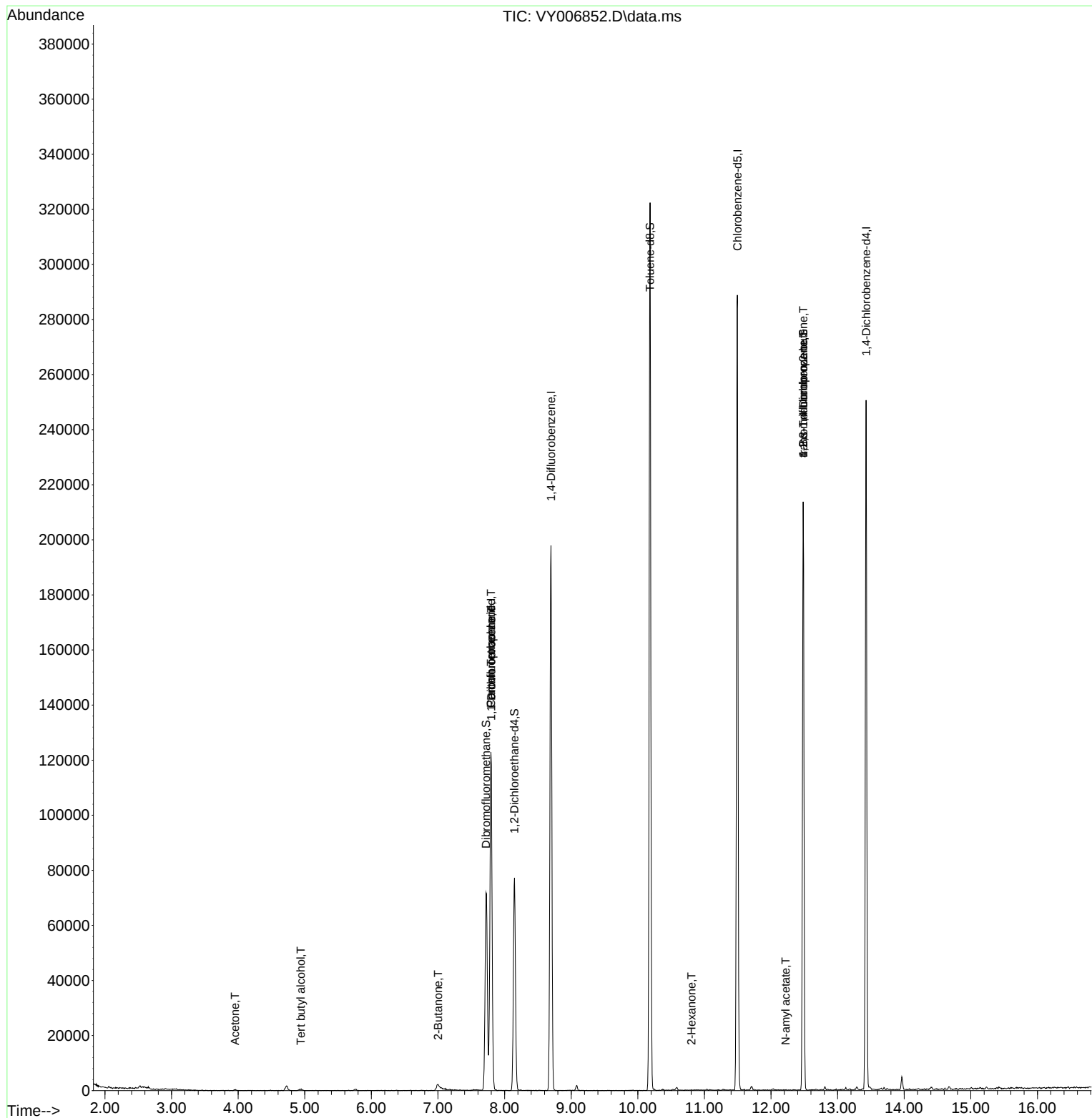
Internal Standards						
1) Pentafluorobenzene	7.795	168	100507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	163968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	144798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	64786	49.182	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.360%
35) Dibromofluoromethane	7.722	113	48313	47.970	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.940%
50) Toluene-d8	10.185	98	201685	48.392	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.780%
62) 4-Bromofluorobenzene	12.483	95	58931	41.943	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.880%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	746	3.766	ug/l #	72
16) Acetone	3.954	43	622	1.554	ug/l #	46
20) Methylene Chloride	4.716	84	539	Below Cal		94
25) 2-Butanone	7.003	43	121	11.699	ug/l #	52
36) 1,1-Dichloropropene	7.801	75	6635	3.723	ug/l #	50
38) Carbon Tetrachloride	7.795	117	9025	4.951	ug/l #	17
59) 2-Hexanone	10.807	43	24	23.841	ug/l #	28
74) N-amyl acetate	12.221	43	20	3.167	ug/l #	47
76) 1,2,3-Trichloropropane	12.483	75	35362	56.073	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	35362	111.107	ug/l #	7

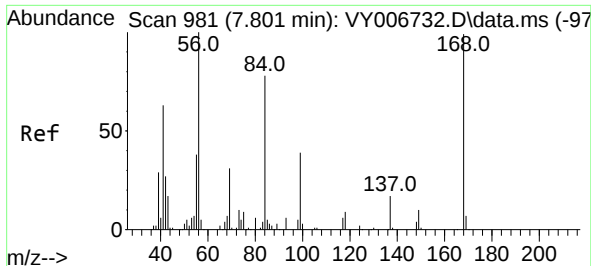
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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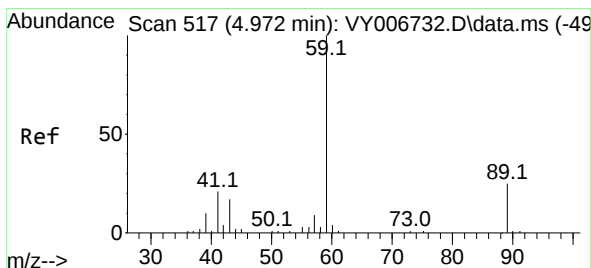
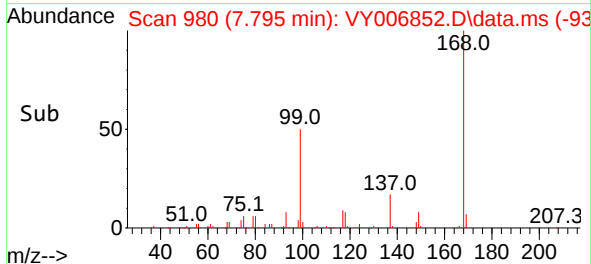
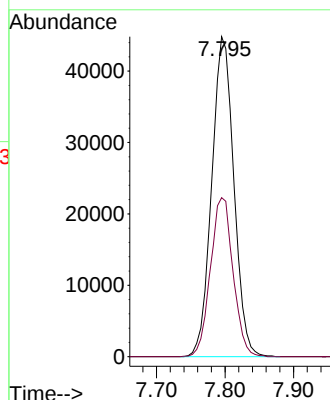
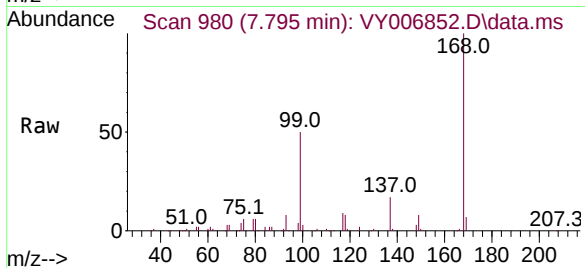




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006852.D
Acq: 22 Nov 2021 14:43

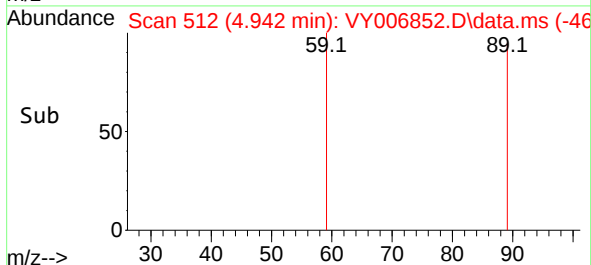
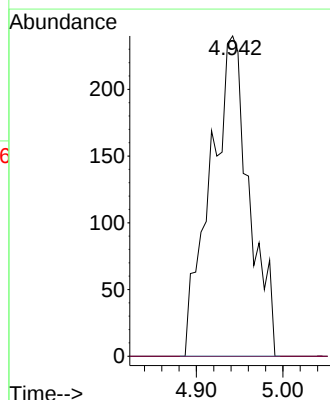
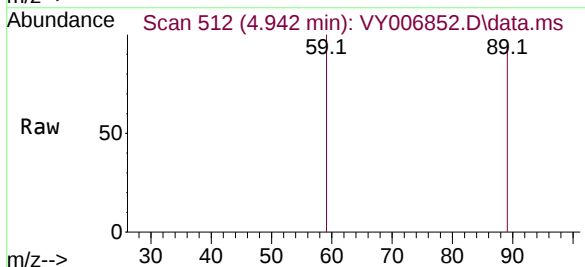
Instrument :
MSVOA_Y
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TP-4-COMP

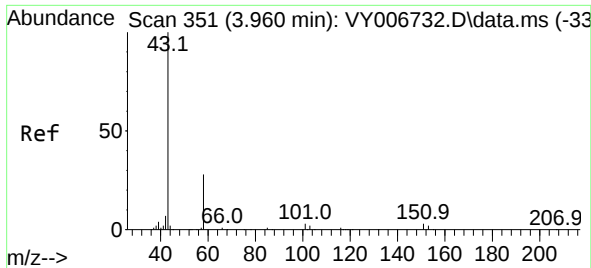
Tgt Ion:168 Resp: 100507
Ion Ratio Lower Upper
168 100
99 49.7 44.8 67.2



#11
Tert butyl alcohol
Concen: 3.766 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.030 min
Lab File: VY006852.D
Acq: 22 Nov 2021 14:43

Tgt Ion: 59 Resp: 746
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

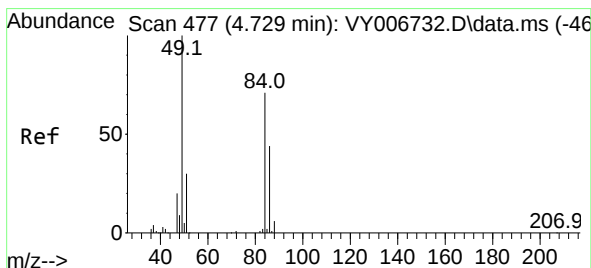
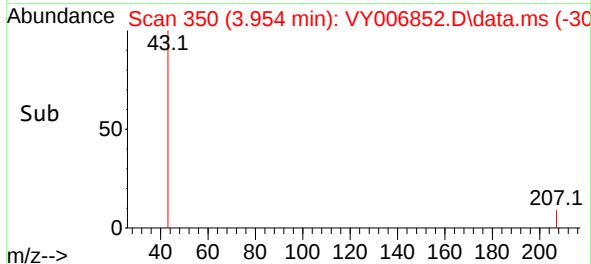
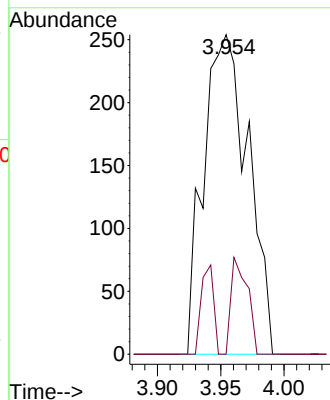
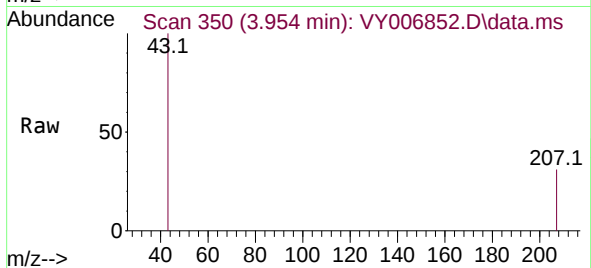




#16
Acetone
Concen: 1.554 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY006852.D
Acq: 22 Nov 2021 14:43

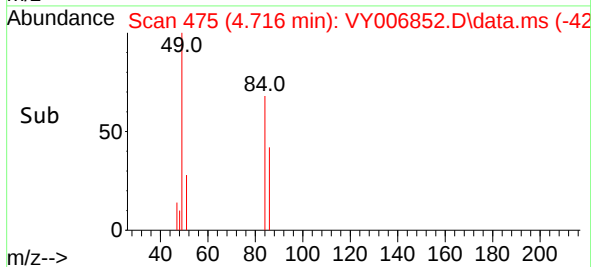
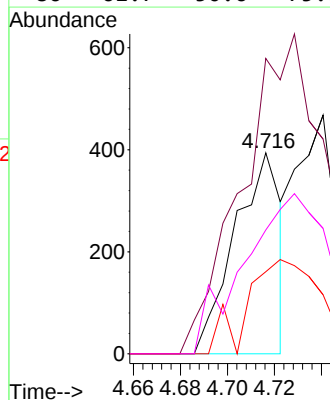
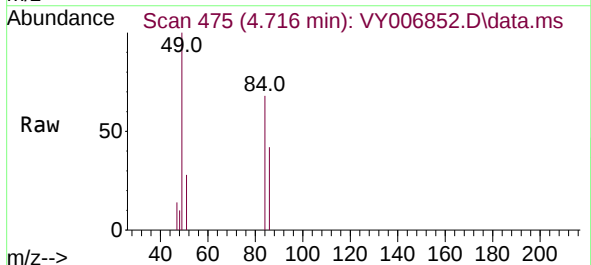
Instrument :
MSVOA_Y
ClientSampleId :
TP-4-COMP

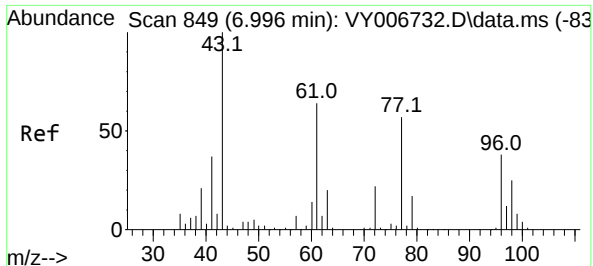
Tgt Ion: 43 Resp: 622
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY006852.D
Acq: 22 Nov 2021 14:43

Tgt Ion: 84 Resp: 539
Ion Ratio Lower Upper
84 100
49 147.0 107.8 161.8
51 40.9 32.8 49.2
86 61.7 50.6 75.8





#25

2-Butanone

Concen: 11.699 ug/l

RT: 7.003 min Scan# 8

Delta R.T. 0.007 min

Lab File: VY006852.D

Acq: 22 Nov 2021 14:43

Instrument :

MSVOA_Y

ClientSampleId :

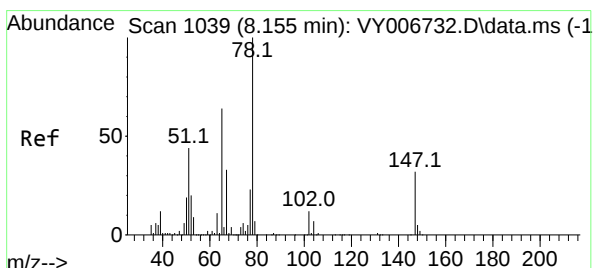
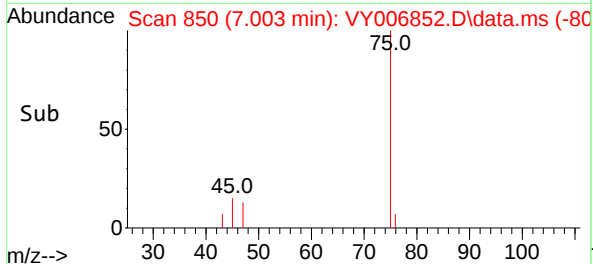
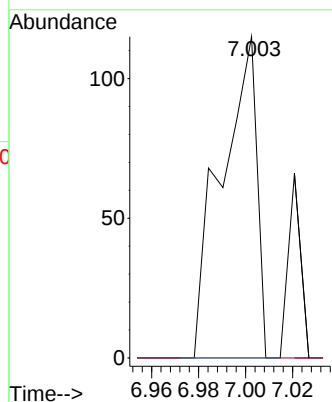
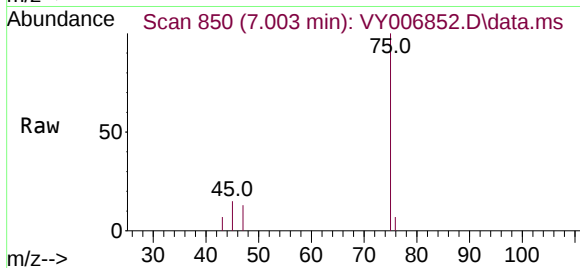
TP-4-COMP

Tgt Ion: 43 Resp: 121

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#33

1,2-Dichloroethane-d4

Concen: 49.182 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY006852.D

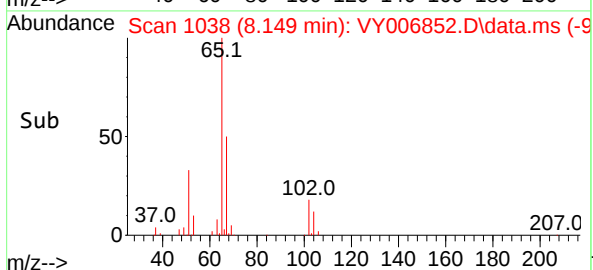
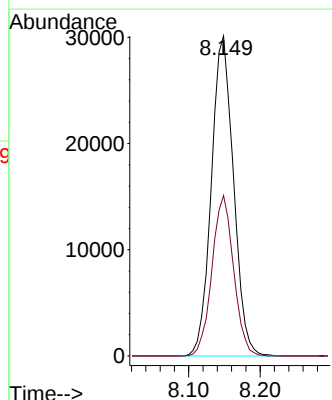
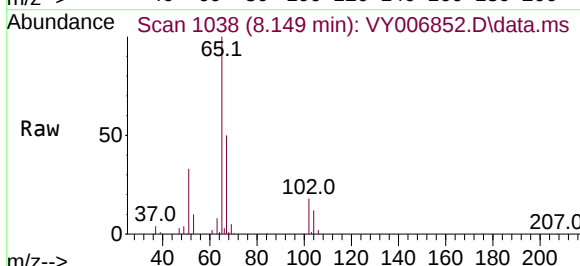
Acq: 22 Nov 2021 14:43

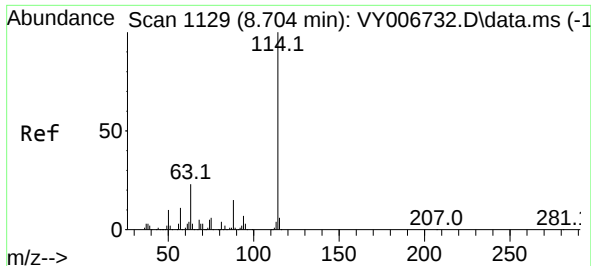
Tgt Ion: 65 Resp: 64786

Ion Ratio Lower Upper

65 100

67 48.9 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: VY006852.D

Acq: 22 Nov 2021 14:43

Instrument :

MSVOA_Y

ClientSampleId :

TP-4-COMP

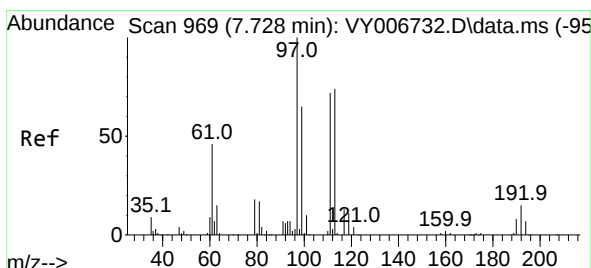
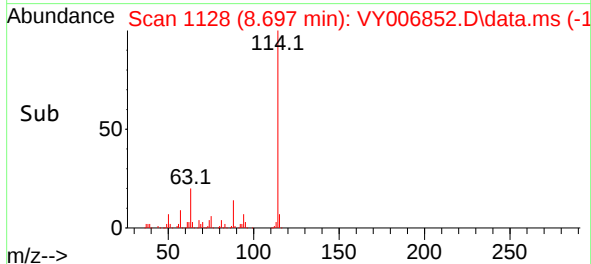
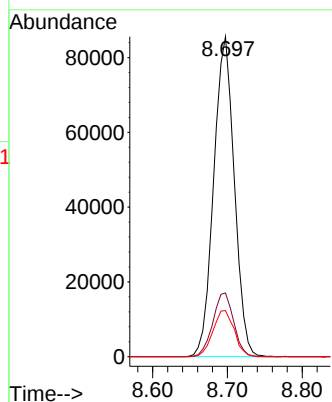
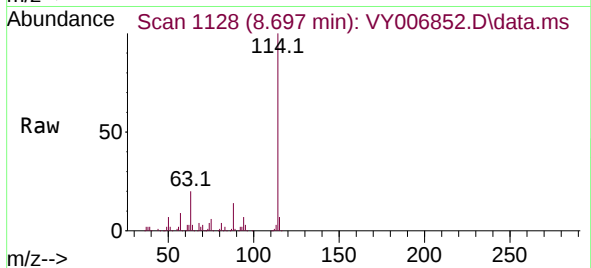
Tgt Ion:114 Resp: 163968

Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.970 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY006852.D

Acq: 22 Nov 2021 14:43

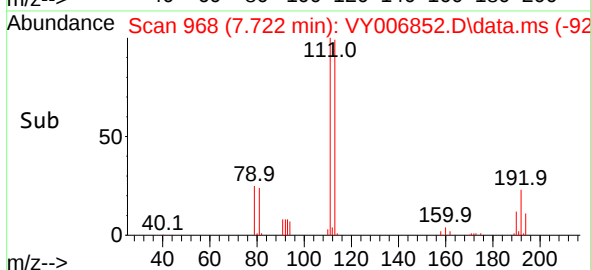
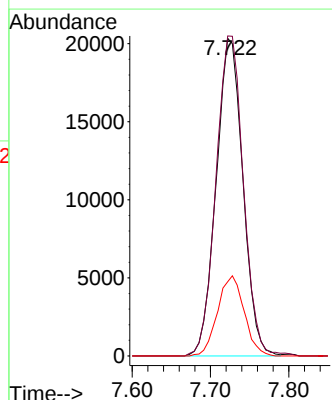
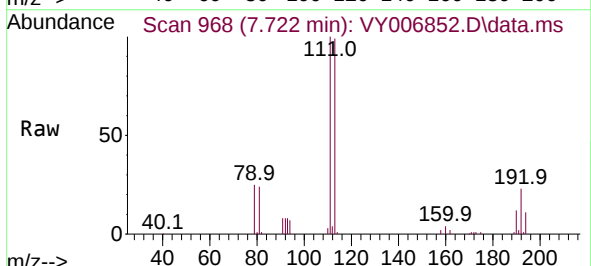
Tgt Ion:113 Resp: 48313

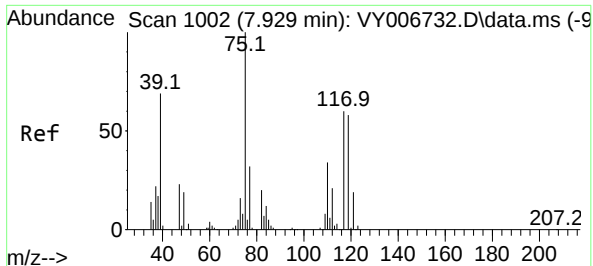
Ion Ratio Lower Upper

113 100

111 103.0 82.3 123.5

192 25.0 17.4 26.2





#36

1,1-Dichloropropene

Concen: 3.723 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY006852.D

Acq: 22 Nov 2021 14:43

Instrument :

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ClientSampleId :

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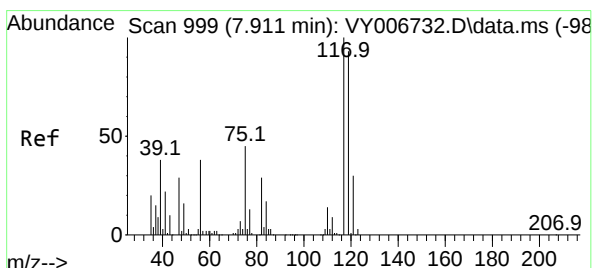
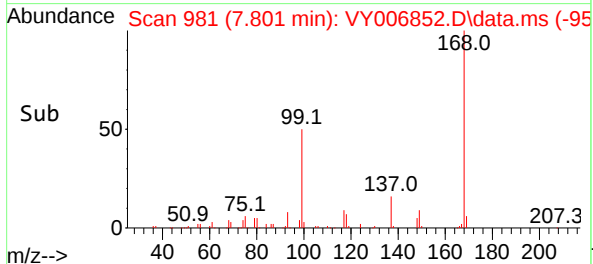
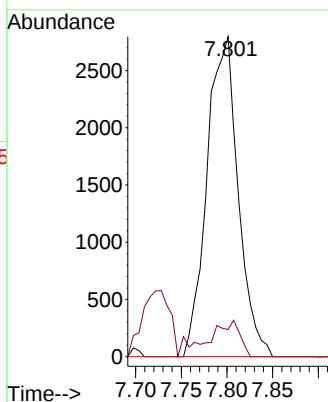
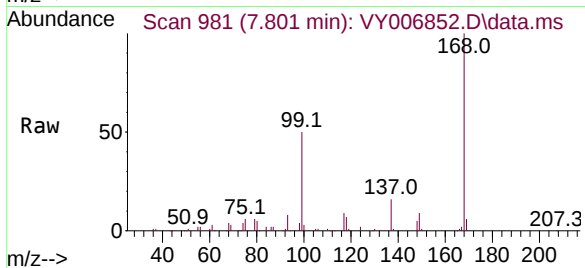
Tgt Ion: 75 Resp: 6635

Ion Ratio Lower Upper

75 100

110 9.0 17.1 51.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.951 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY006852.D

Acq: 22 Nov 2021 14:43

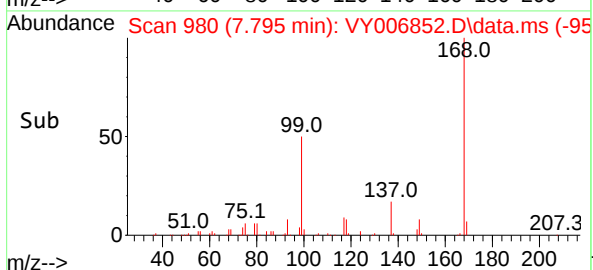
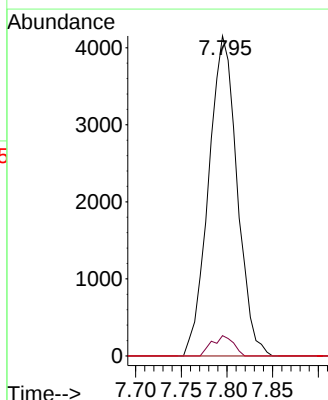
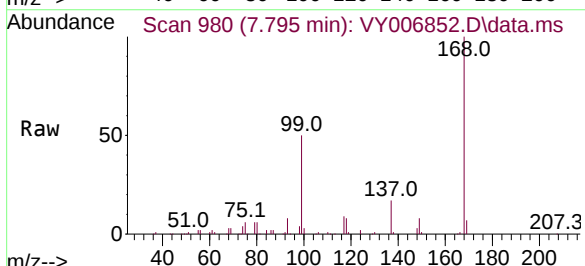
Tgt Ion: 117 Resp: 9025

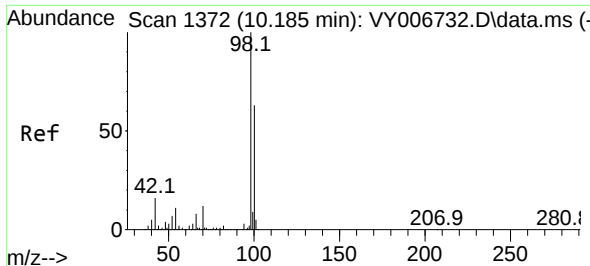
Ion Ratio Lower Upper

117 100

119 6.3 76.6 115.0#

121 0.0 24.7 37.1#

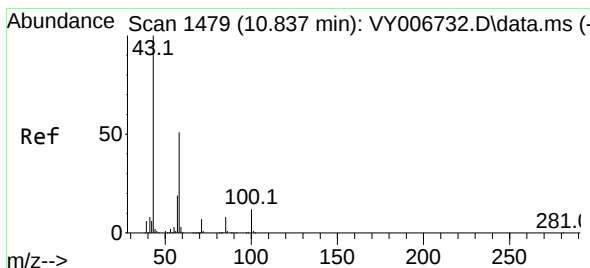
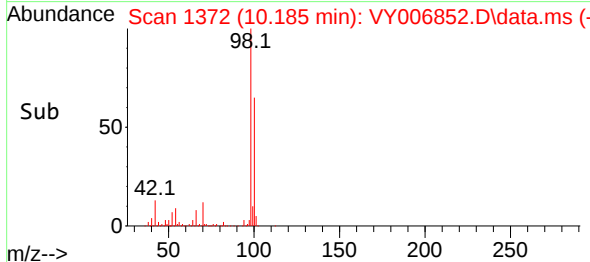
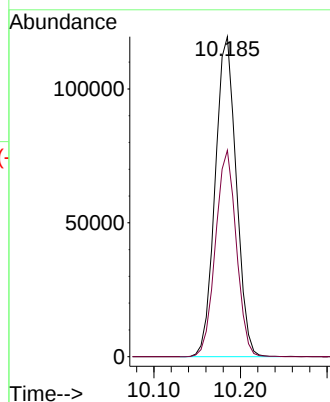
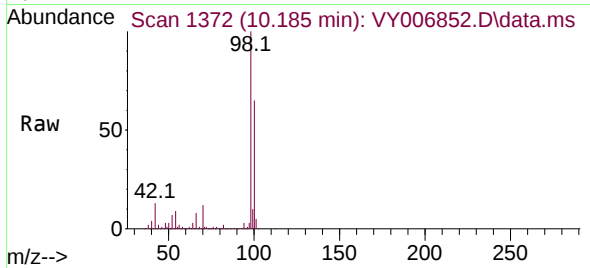




#50
Toluene-d8
Concen: 48.392 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006852.D
Acq: 22 Nov 2021 14:43

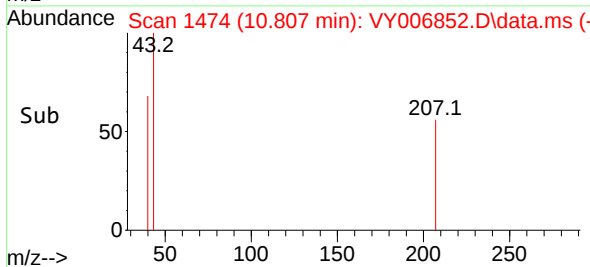
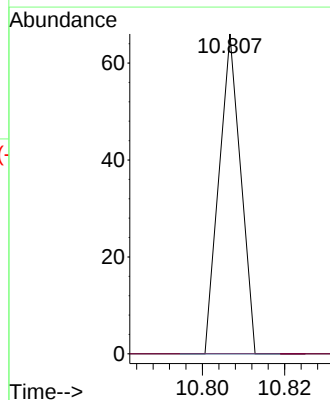
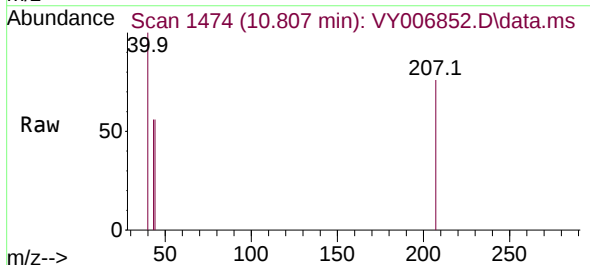
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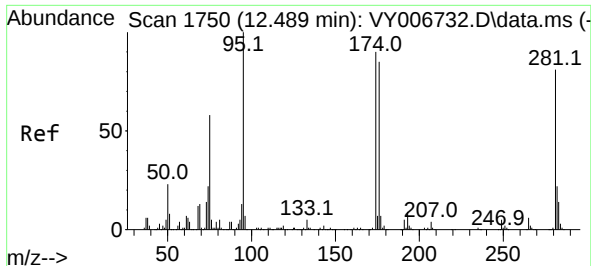
Tgt Ion: 98 Resp: 201685
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#59
2-Hexanone
Concen: 23.841 ug/l
RT: 10.807 min Scan# 1474
Delta R.T. -0.030 min
Lab File: VY006852.D
Acq: 22 Nov 2021 14:43

Tgt Ion: 43 Resp: 24
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#

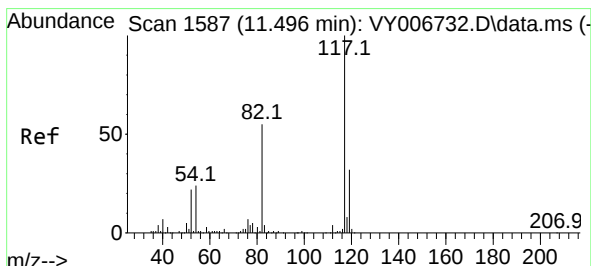
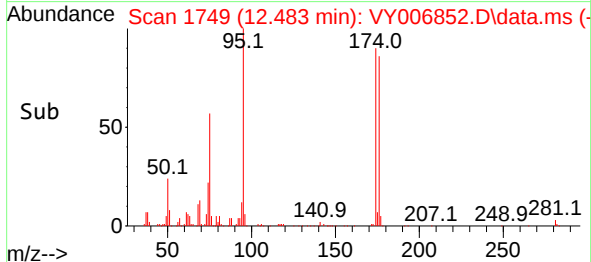
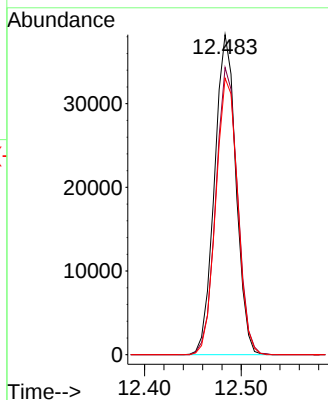
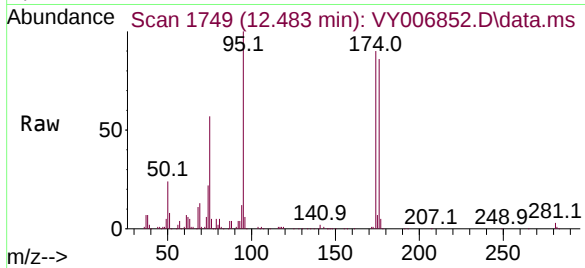




#62
4-Bromofluorobenzene
Concen: 41.943 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006852.D
Acq: 22 Nov 2021 14:43

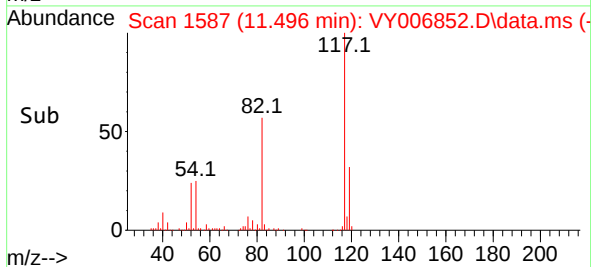
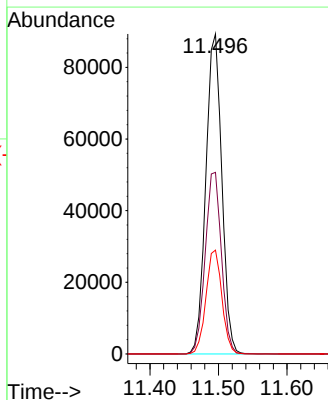
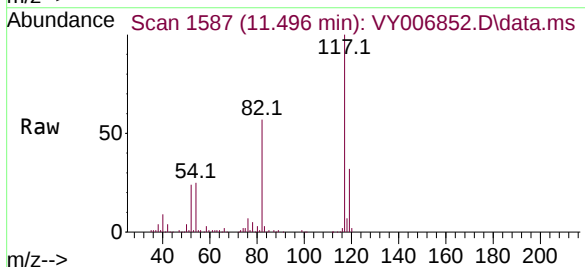
Instrument :
MSVOA_Y
ClientSampleId :
TP-4-COMP

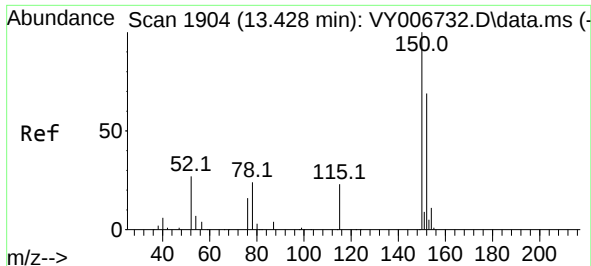
Tgt Ion: 95 Resp: 58931
Ion Ratio Lower Upper
95 100
174 90.7 0.0 177.0
176 87.9 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006852.D
Acq: 22 Nov 2021 14:43

Tgt Ion: 117 Resp: 144798
Ion Ratio Lower Upper
117 100
82 56.8 45.7 68.5
119 32.4 25.5 38.3

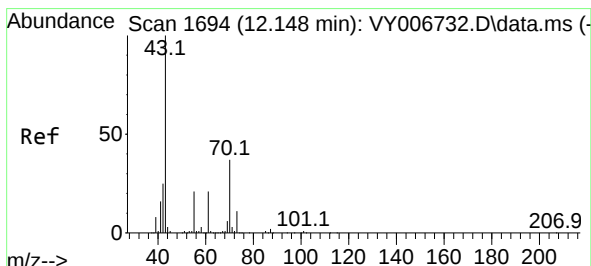
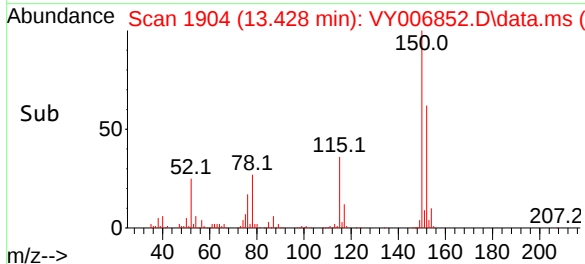
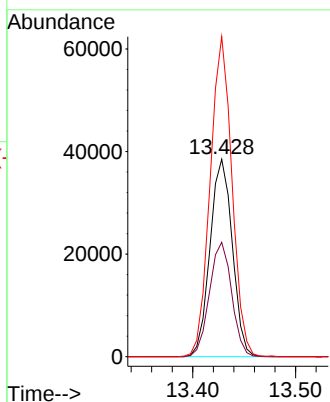
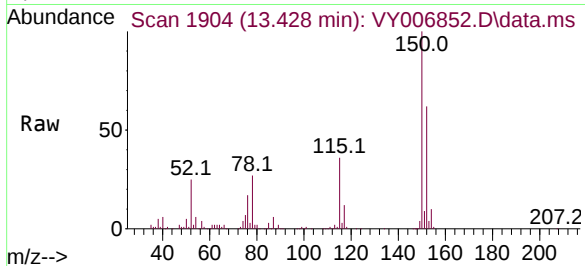




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006852.D
Acq: 22 Nov 2021 14:43

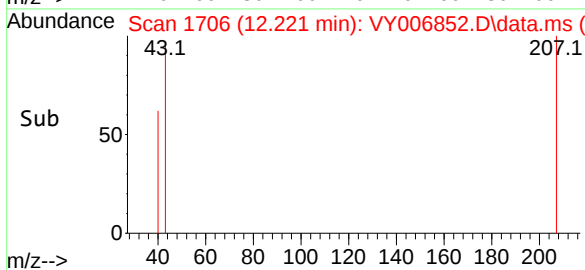
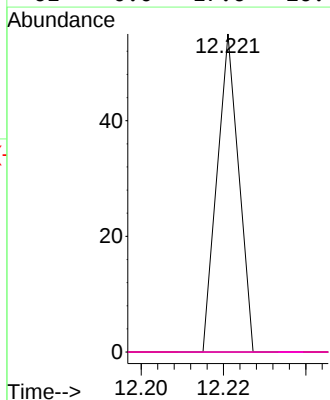
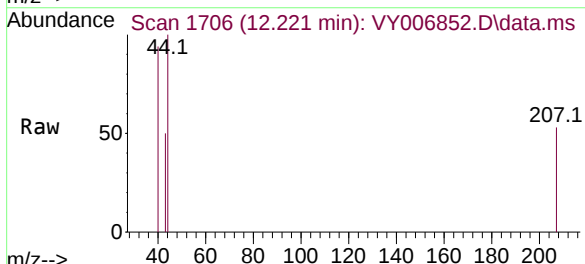
Instrument :
MSVOA_Y
ClientSampleId :
TP-4-COMP

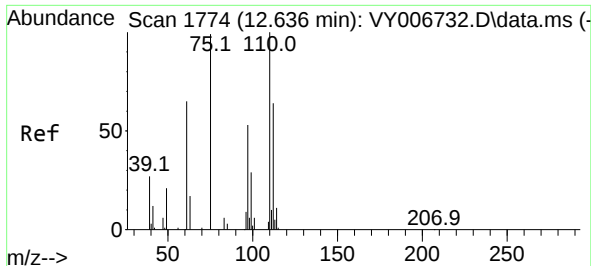
Tgt Ion:152 Resp: 58005
Ion Ratio Lower Upper
152 100
115 57.7 28.5 85.5
150 158.2 0.0 348.2



#74
N-ethyl acetate
Concen: 3.167 ug/l
RT: 12.221 min Scan# 1706
Delta R.T. 0.073 min
Lab File: VY006852.D
Acq: 22 Nov 2021 14:43

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#

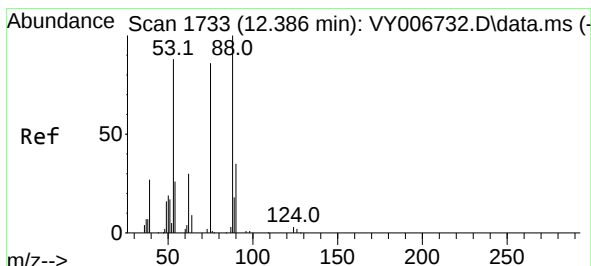
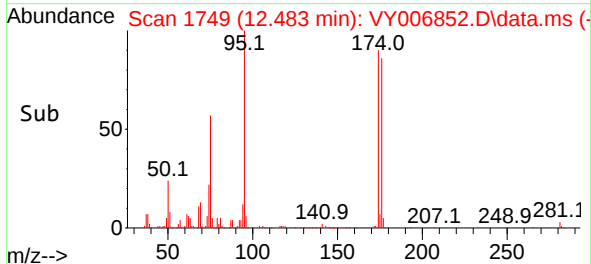
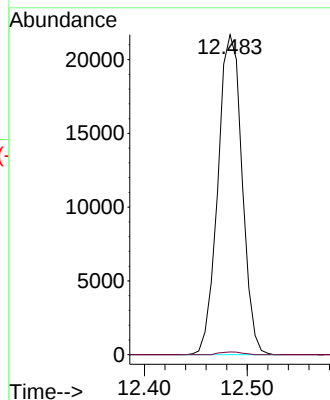
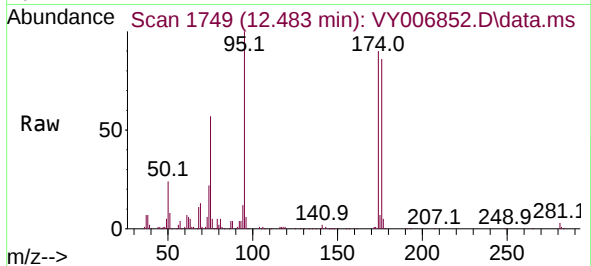




#76
1,2,3-Trichloropropane
Concen: 56.073 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006852.D
Acq: 22 Nov 2021 14:43

Instrument :
MSVOA_Y
ClientSampleId :
TP-4-COMP

Tgt Ion: 75 Resp: 35362
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.107 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY006852.D
Acq: 22 Nov 2021 14:43

Tgt Ion: 75 Resp: 35362
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

