

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112221\
 Data File : VY006853.D
 Acq On : 22 Nov 2021 15:06
 Operator : SY/MD
 Sample : M4754-02
 Misc : 4.63G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-12-COMP

Quant Time: Nov 23 04:47:37 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	92889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	157613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	146984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60270	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	70629	58.015	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.040%
35) Dibromofluoromethane	7.722	113	48969	50.581	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.160%
50) Toluene-d8	10.185	98	199236	49.732	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.460%
62) 4-Bromofluorobenzene	12.483	95	61037	45.193	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.380%

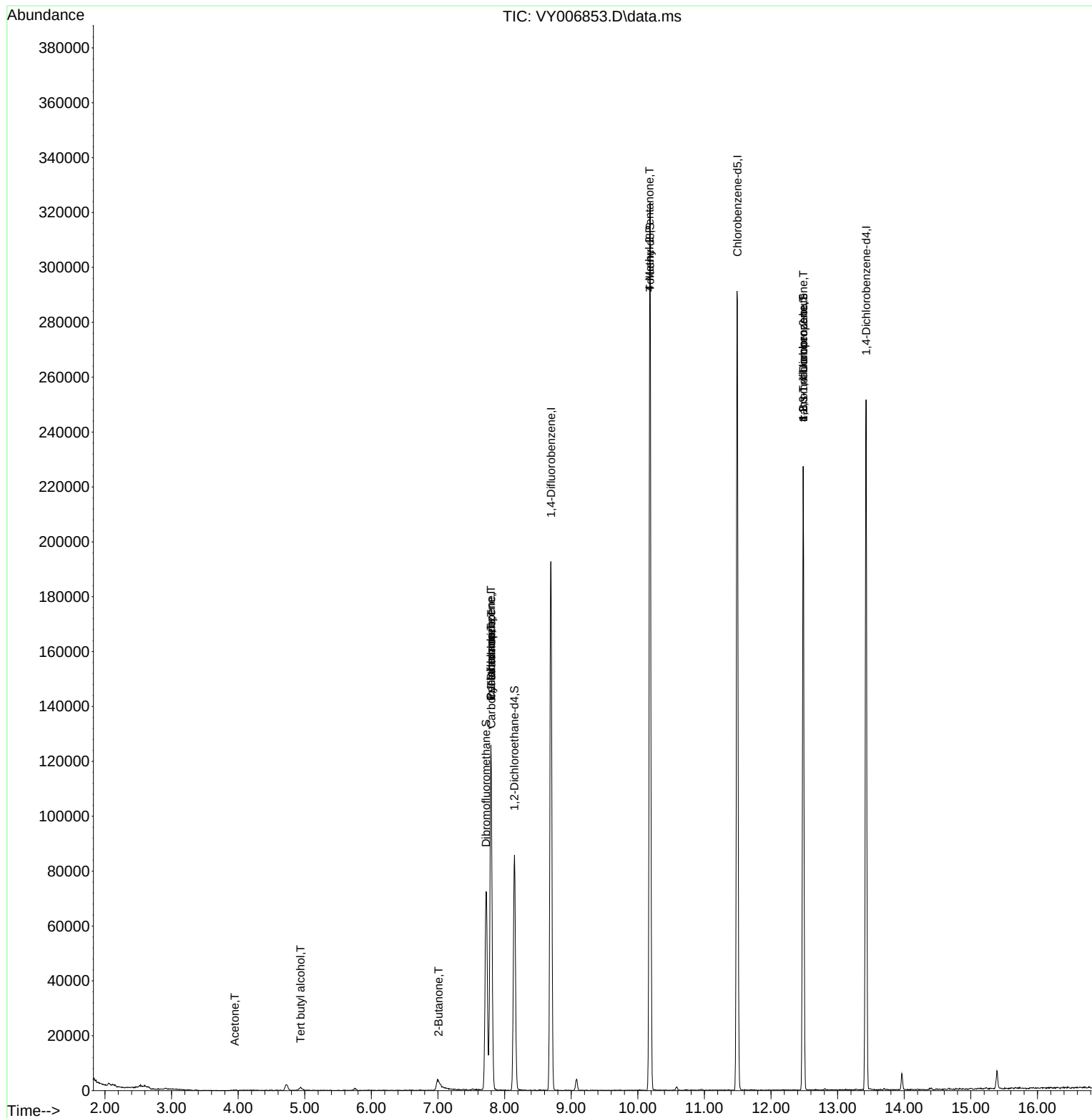
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.936	59	1375	7.510	ug/l #	72
16) Acetone	3.948	43	416	1.125	ug/l #	46
20) Methylene Chloride	4.722	84	1506	Below Cal	#	94
25) 2-Butanone	7.009	43	268	11.976	ug/l #	52
31) Cyclohexane	7.795	56	2376	1.110	ug/l #	25
36) 1,1-Dichloropropene	7.795	75	7969	4.652	ug/l #	50
38) Carbon Tetrachloride	7.801	117	9449	5.392	ug/l #	14
51) 4-Methyl-2-Pentanone	10.179	43	1191	1.052	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	35501	54.178	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	35501	107.352	ug/l #	7

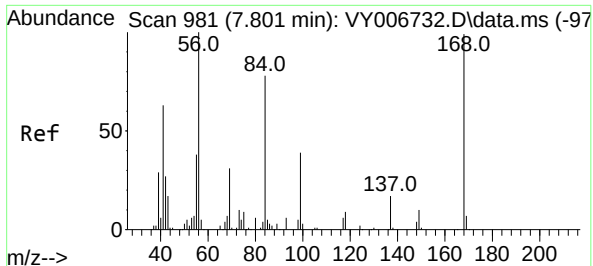
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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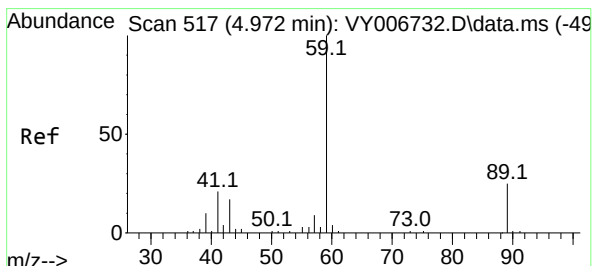
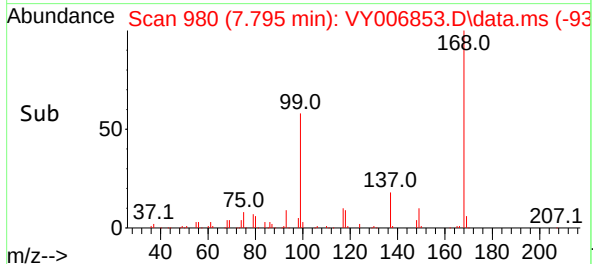
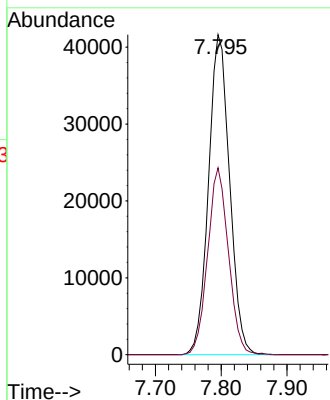
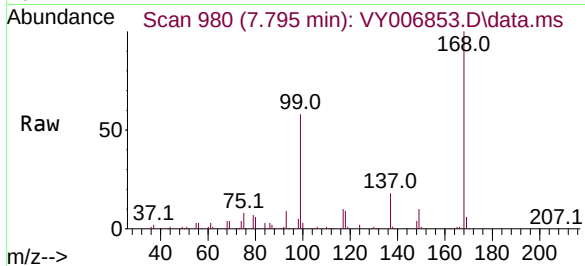




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006853.D
Acq: 22 Nov 2021 15:06

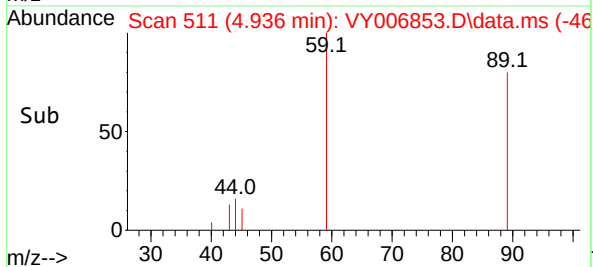
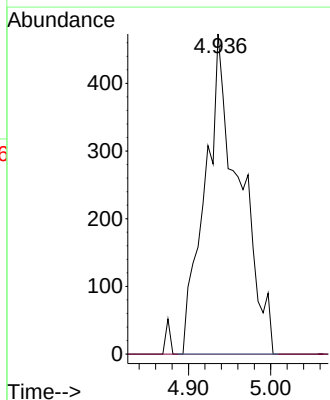
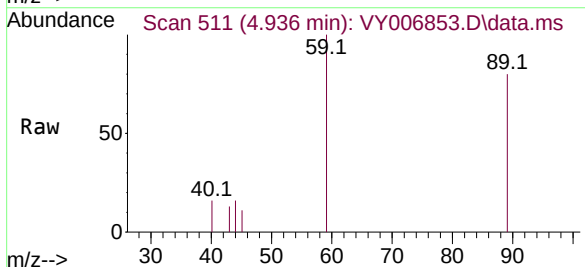
Instrument :
MSVOA_Y
ClientSampleId :
TP-12-COMP

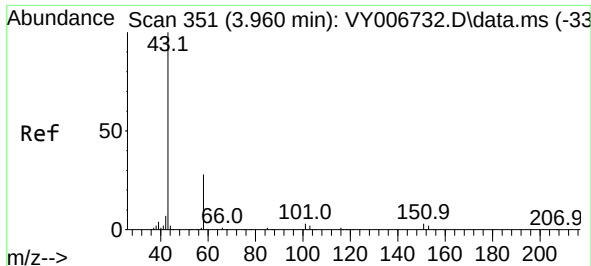
Tgt Ion:168 Resp: 92889
Ion Ratio Lower Upper
168 100
99 58.4 44.8 67.2



#11
Tert butyl alcohol
Concen: 7.510 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.036 min
Lab File: VY006853.D
Acq: 22 Nov 2021 15:06

Tgt Ion: 59 Resp: 1375
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

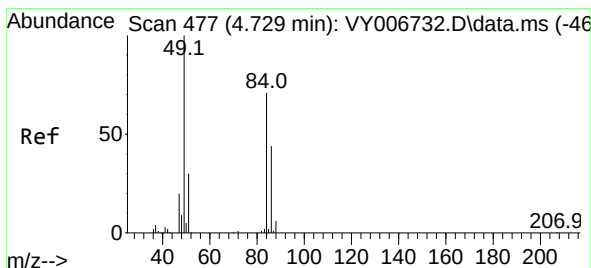
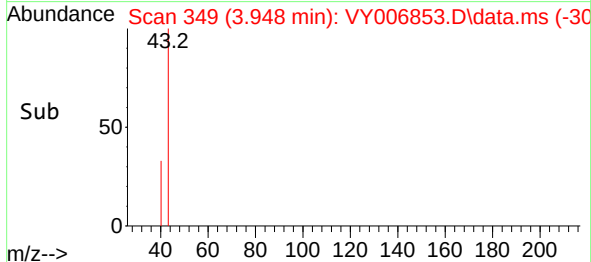
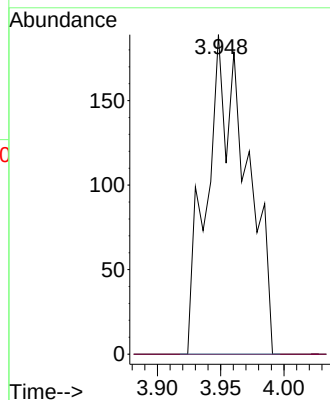
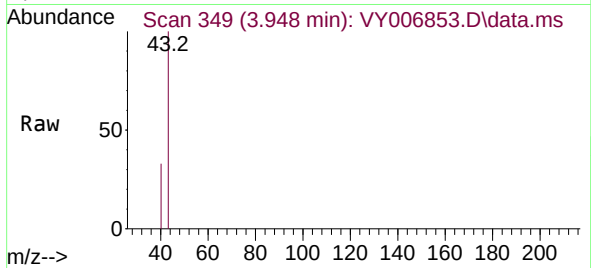




#16
Acetone
Concen: 1.125 ug/l
RT: 3.948 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY006853.D
Acq: 22 Nov 2021 15:06

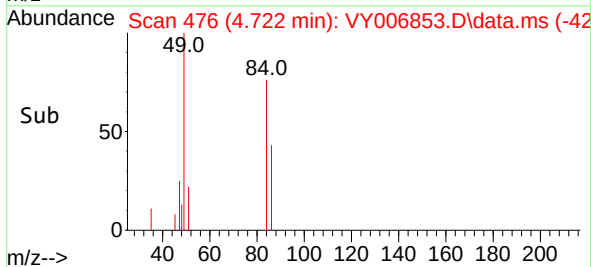
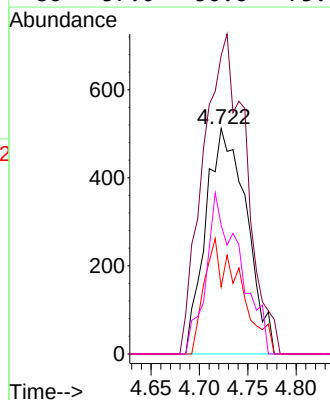
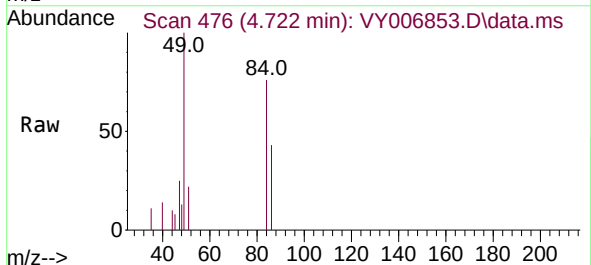
Instrument :
MSVOA_Y
ClientSampleId :
TP-12-COMP

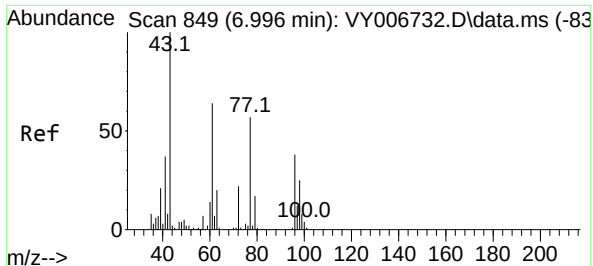
Tgt Ion: 43 Resp: 416
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY006853.D
Acq: 22 Nov 2021 15:06

Tgt Ion: 84 Resp: 1506
Ion Ratio Lower Upper
84 100
49 132.4 107.8 161.8
51 29.7 32.8 49.2#
86 57.0 50.6 75.8





#25

2-Butanone

Concen: 11.976 ug/l

RT: 7.009 min Scan# 81

Delta R.T. 0.013 min

Lab File: VY006853.D

Acq: 22 Nov 2021 15:06

Instrument :

MSVOA_Y

ClientSampleId :

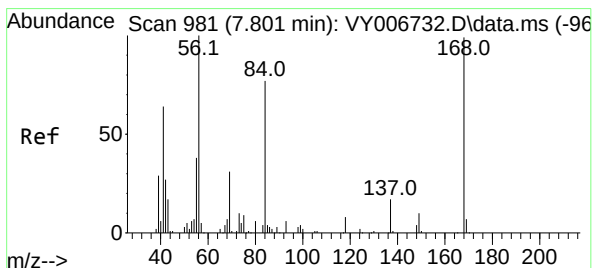
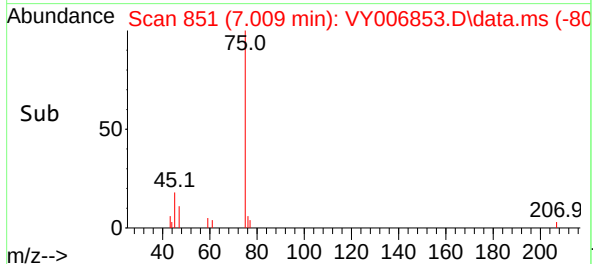
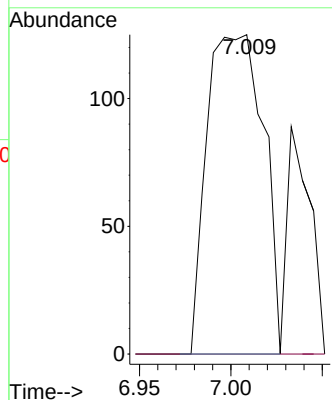
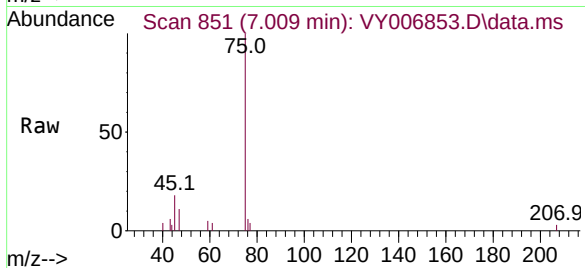
TP-12-COMP

Tgt Ion: 43 Resp: 268

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#31

Cyclohexane

Concen: 1.110 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY006853.D

Acq: 22 Nov 2021 15:06

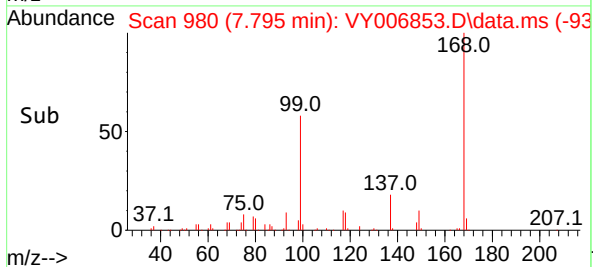
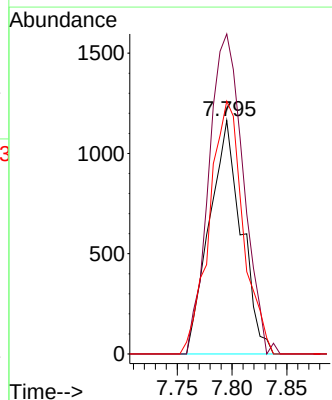
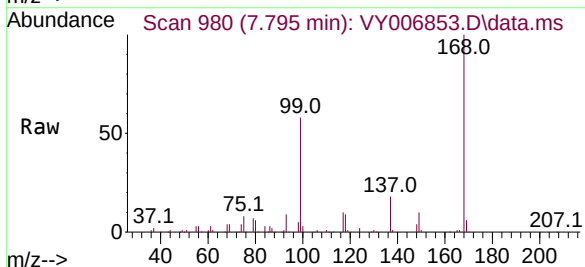
Tgt Ion: 56 Resp: 2376

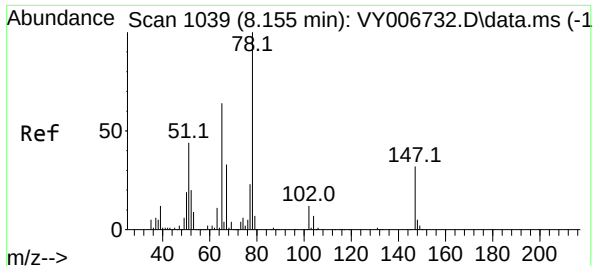
Ion Ratio Lower Upper

56 100

69 137.1 26.6 40.0#

84 108.3 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 58.015 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY006853.D

Acq: 22 Nov 2021 15:06

Instrument :

MSVOA_Y

ClientSampleId :

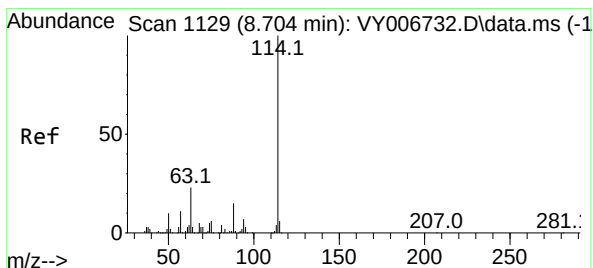
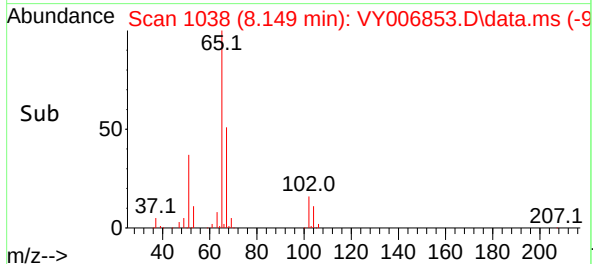
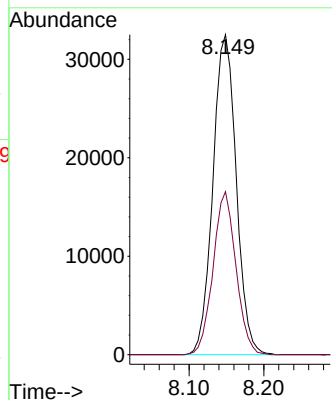
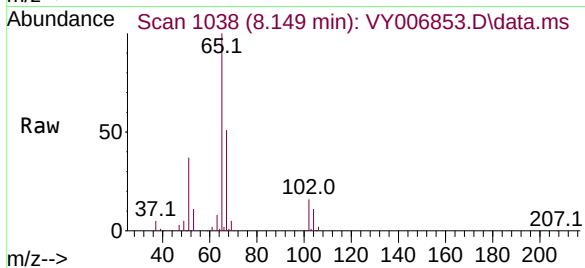
TP-12-COMP

Tgt Ion: 65 Resp: 70629

Ion Ratio Lower Upper

65 100

67 49.9 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: VY006853.D

Acq: 22 Nov 2021 15:06

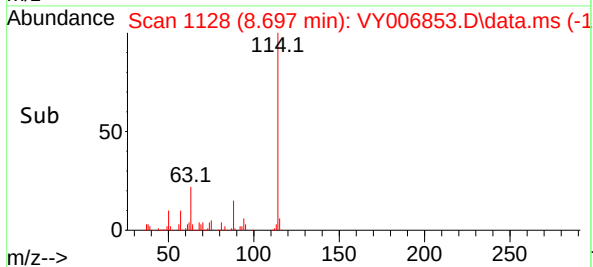
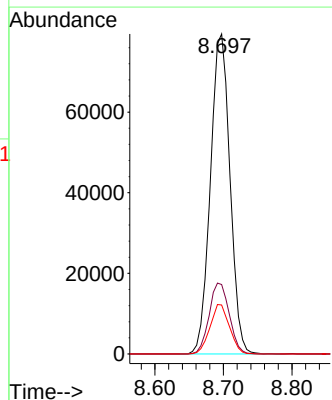
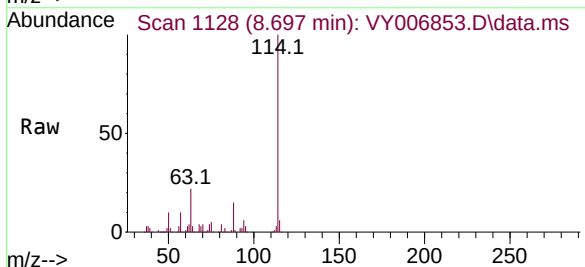
Tgt Ion: 114 Resp: 157613

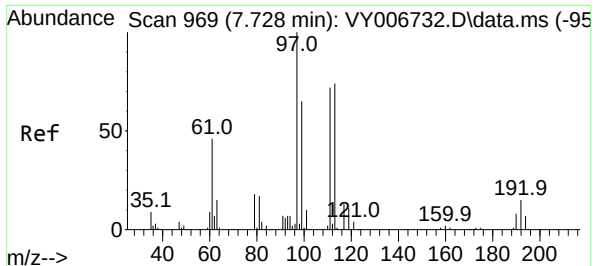
Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.0

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.581 ug/l

RT: 7.722 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY006853.D

Acq: 22 Nov 2021 15:06

Instrument :

MSVOA_Y

ClientSampleId :

TP-12-COMP

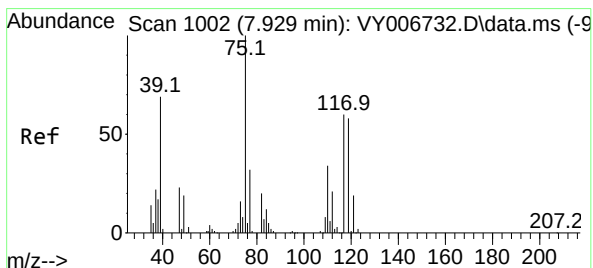
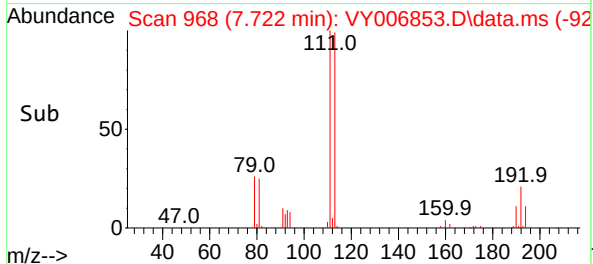
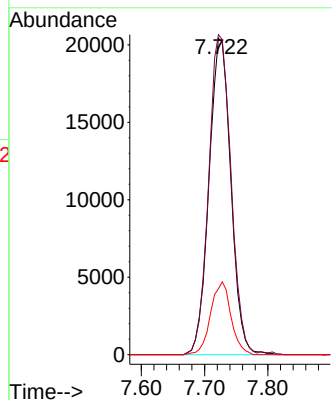
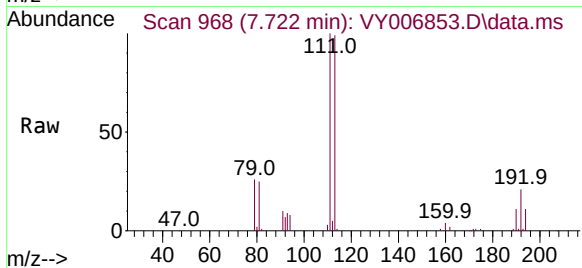
Tgt Ion:113 Resp: 48969

Ion Ratio Lower Upper

113 100

111 103.2 82.3 123.5

192 21.5 17.4 26.2



#36

1,1-Dichloropropene

Concen: 4.652 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.134 min

Lab File: VY006853.D

Acq: 22 Nov 2021 15:06

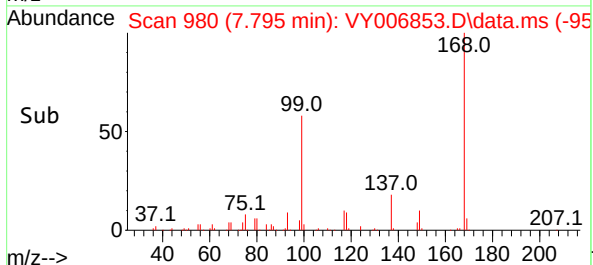
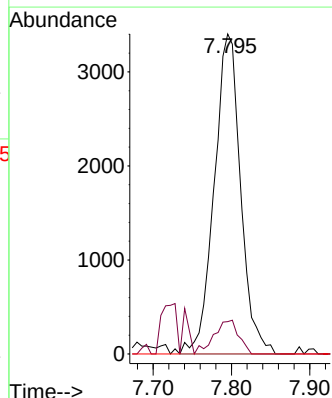
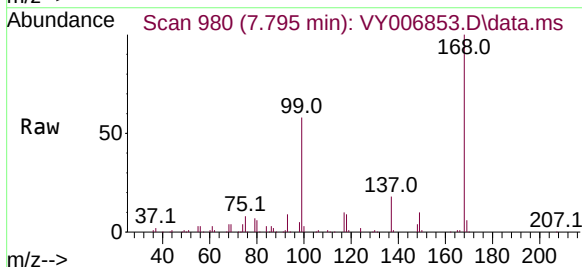
Tgt Ion: 75 Resp: 7969

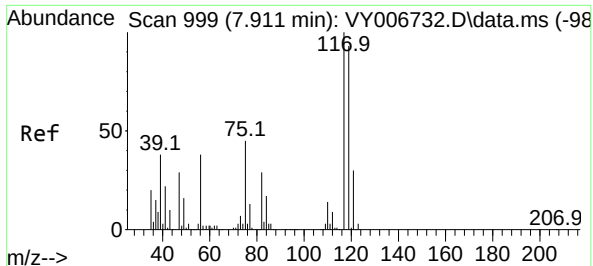
Ion Ratio Lower Upper

75 100

110 9.2 17.1 51.3#

77 0.0 24.9 37.3#

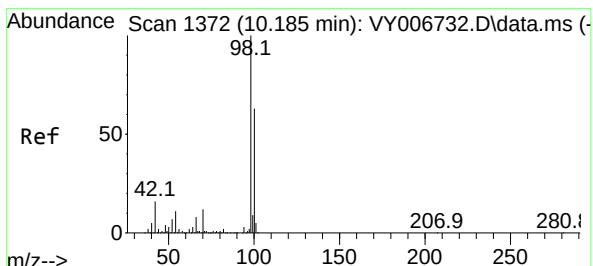
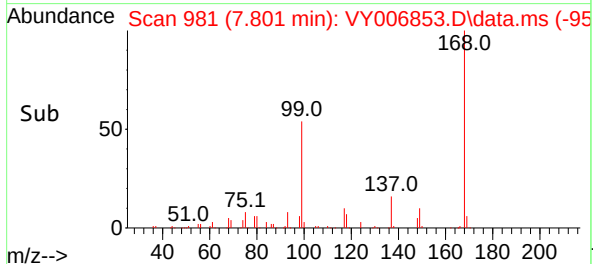
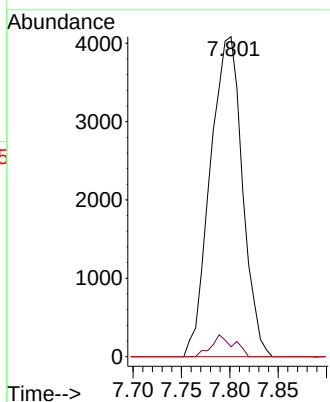
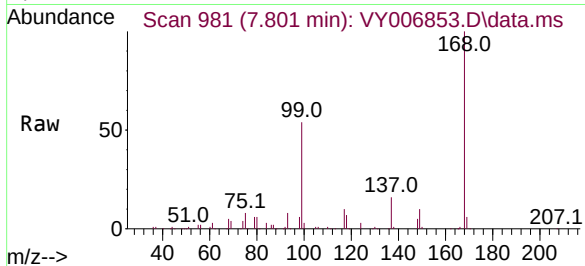




#38
Carbon Tetrachloride
Concen: 5.392 ug/l
RT: 7.801 min Scan# 911
Delta R.T. -0.110 min
Lab File: VY006853.D
Acq: 22 Nov 2021 15:06

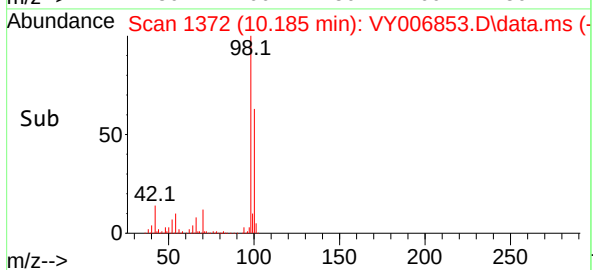
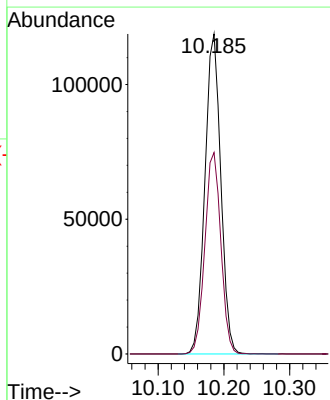
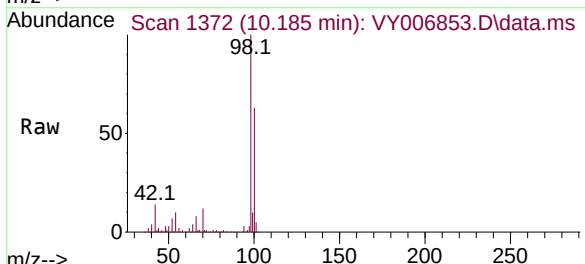
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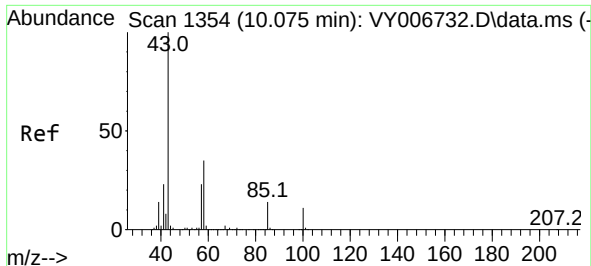
Tgt Ion:117 Resp: 9449
Ion Ratio Lower Upper
117 100
119 3.1 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.732 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006853.D
Acq: 22 Nov 2021 15:06

Tgt Ion: 98 Resp: 199236
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3

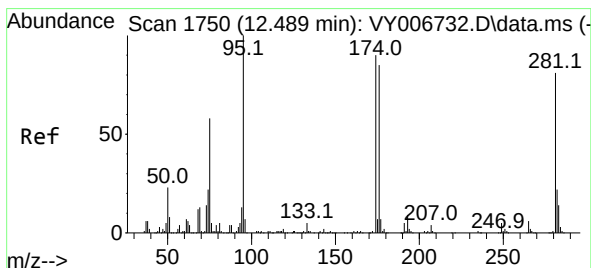
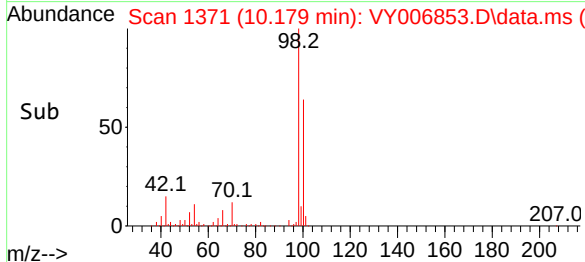
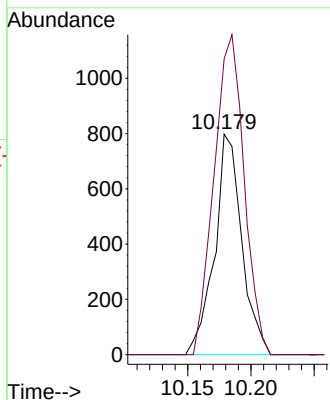
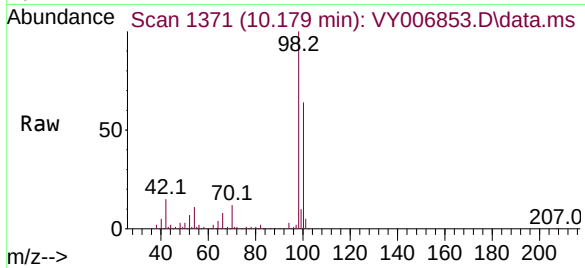




#51
4-Methyl-2-Pentanone
Concen: 1.052 ug/l
RT: 10.179 min Scan# 1191
Delta R.T. 0.104 min
Lab File: VY006853.D
Acq: 22 Nov 2021 15:06

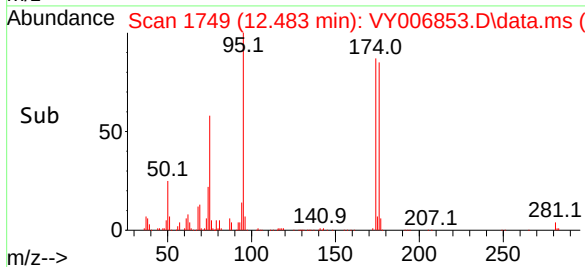
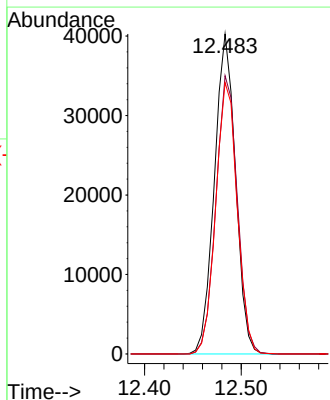
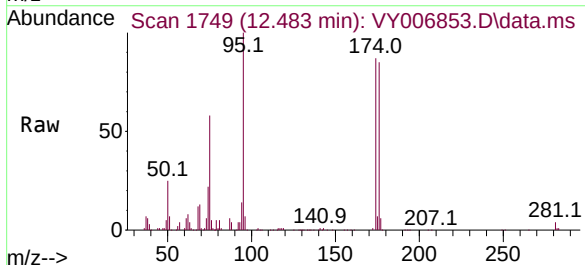
Instrument :
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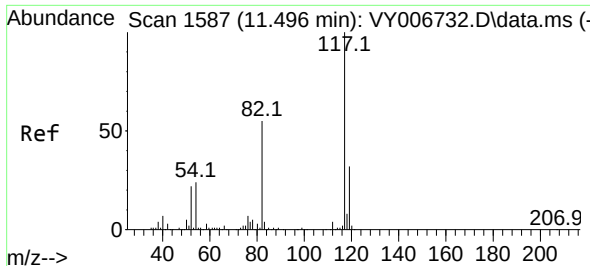
Tgt Ion: 43 Resp: 1191
Ion Ratio Lower Upper
43 100
58 161.0 28.7 43.1#



#62
4-Bromofluorobenzene
Concen: 45.193 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006853.D
Acq: 22 Nov 2021 15:06

Tgt Ion: 95 Resp: 61037
Ion Ratio Lower Upper
95 100
174 88.2 0.0 177.0
176 86.1 0.0 169.4

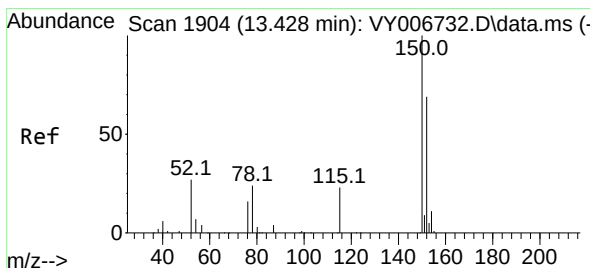
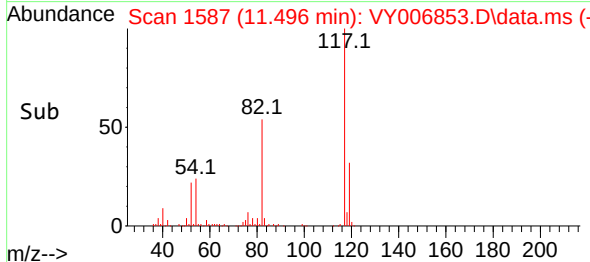
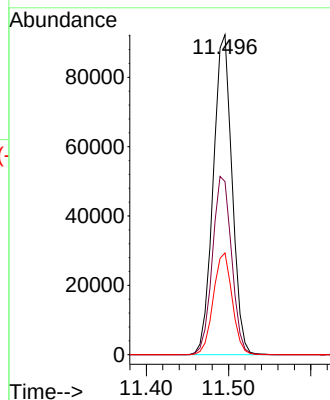
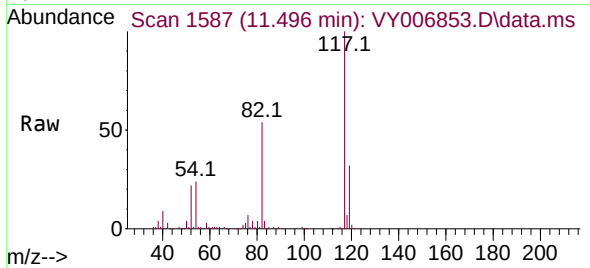




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006853.D
Acq: 22 Nov 2021 15:06

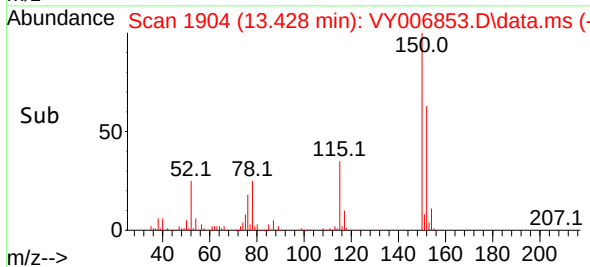
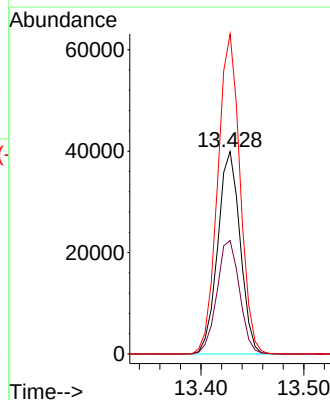
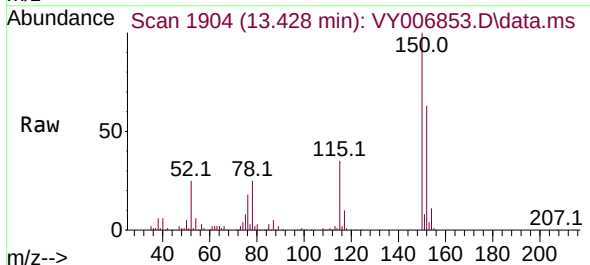
Instrument :
MSVOA_Y
ClientSampleId :
TP-12-COMP

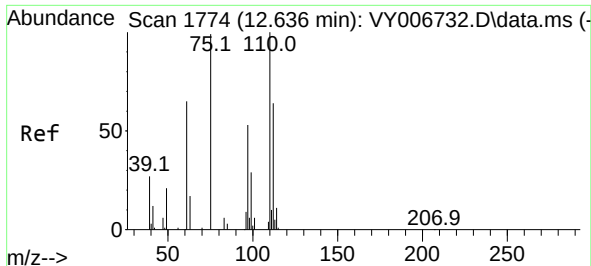
Tgt Ion:117 Resp: 146984
Ion Ratio Lower Upper
117 100
82 54.1 45.7 68.5
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006853.D
Acq: 22 Nov 2021 15:06

Tgt Ion:152 Resp: 60270
Ion Ratio Lower Upper
152 100
115 56.8 28.5 85.5
150 157.2 0.0 348.2

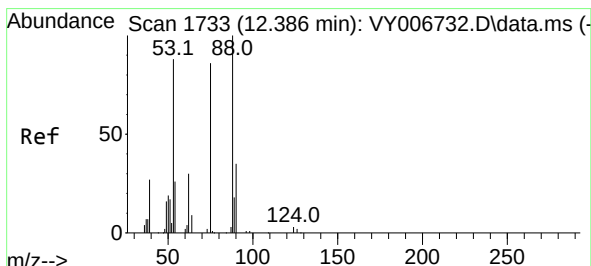
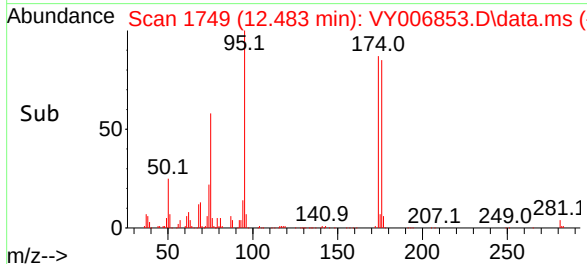
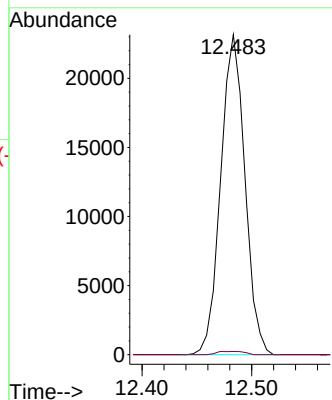
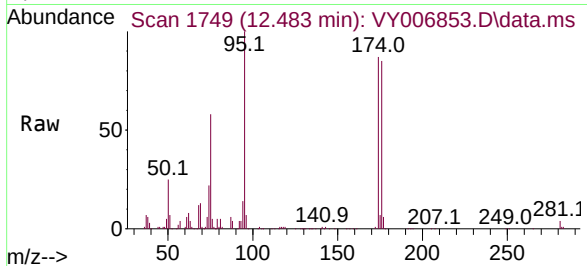




#76
1,2,3-Trichloropropane
Concen: 54.178 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006853.D
Acq: 22 Nov 2021 15:06

Instrument :
MSVOA_Y
ClientSampleId :
TP-12-COMP

Tgt Ion: 75 Resp: 35501
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.352 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY006853.D
Acq: 22 Nov 2021 15:06

Tgt Ion: 75 Resp: 35501
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

