

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020922\
 Data File : VY007453.D
 Acq On : 09 Feb 2022 15:23
 Operator : SY/MD
 Sample : N1455-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Feb 10 05:35:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

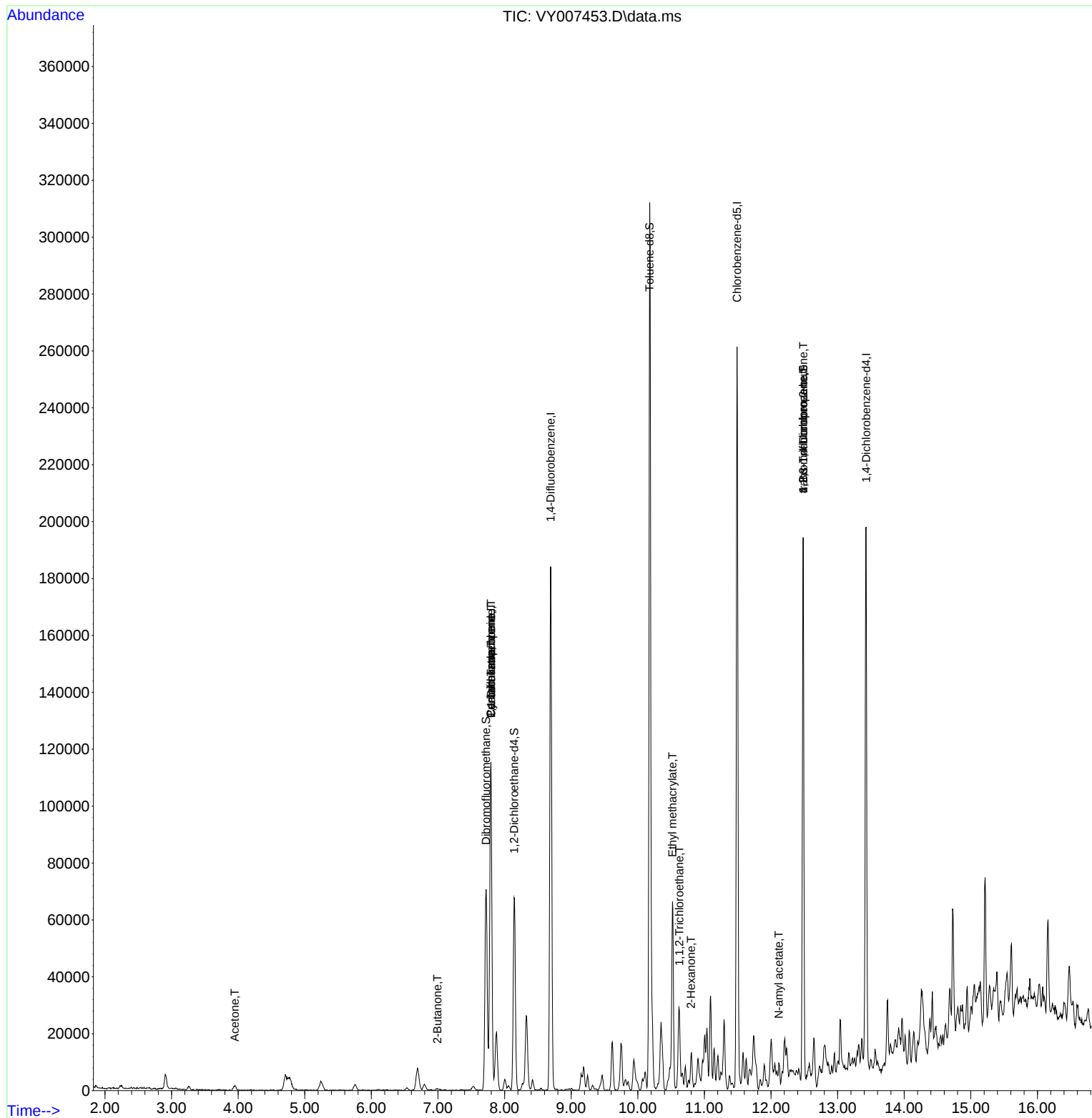
Internal Standards						
1) Pentafluorobenzene	7.795	168	82912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	155554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	139669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	46750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54205	56.837	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.680%	
35) Dibromofluoromethane	7.722	113	51827	51.886	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.780%	
50) Toluene-d8	10.179	98	189097	51.241	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.480%	
62) 4-Bromofluorobenzene	12.483	95	58412	46.569	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.140%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	214	Below Cal		92
11) Tert butyl alcohol	4.966	59	37	Below Cal	#	77
16) Acetone	3.948	43	1884	6.083	ug/l #	73
20) Methylene Chloride	4.722	84	1180	Below Cal		90
25) 2-Butanone	6.990	43	444	1.186	ug/l #	54
31) Cyclohexane	7.795	56	2896	1.556	ug/l #	43
36) 1,1-Dichloropropene	7.795	75	6969	3.991	ug/l #	50
38) Carbon Tetrachloride	7.795	117	9169	4.998	ug/l #	15
55) 1,1,2-Trichloroethane	10.624	97	12010	13.467	ug/l #	19
56) Ethyl methacrylate	10.520	69	6218	5.020	ug/l #	1
59) 2-Hexanone	10.801	43	5184	8.635	ug/l #	31
74) N-amyl acetate	12.117	43	2076	1.963	ug/l #	71
76) 1,2,3-Trichloropropane	12.483	75	30795	55.410	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	30795	111.009	ug/l #	8

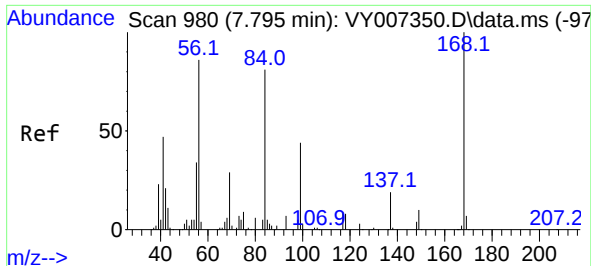
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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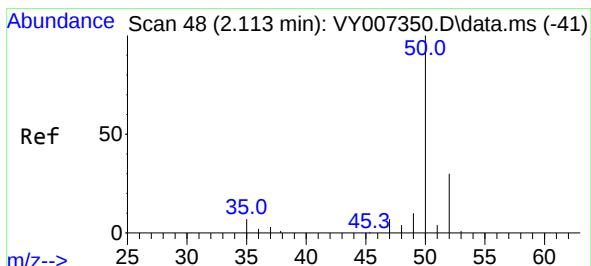
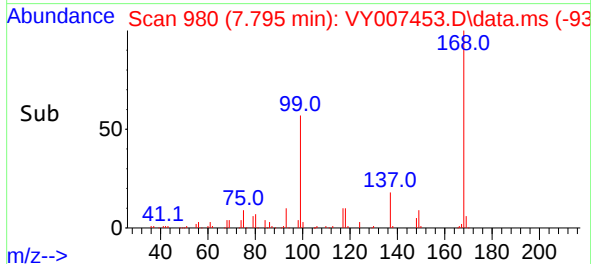
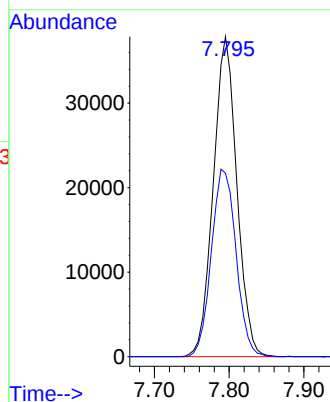
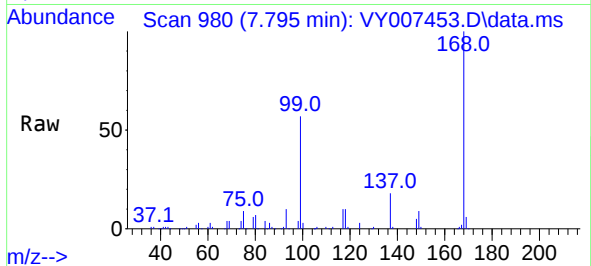




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007453.D
Acq: 09 Feb 2022 15:23

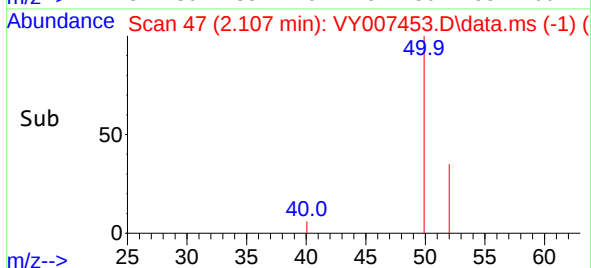
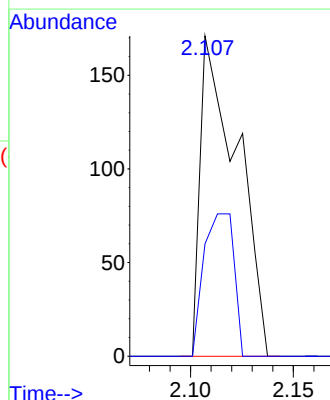
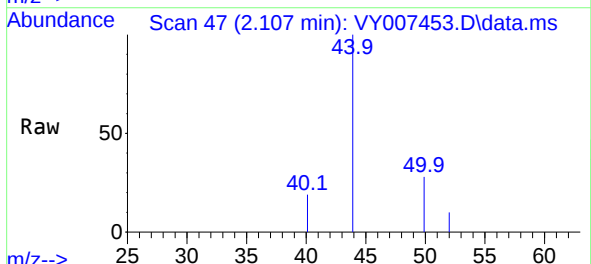
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

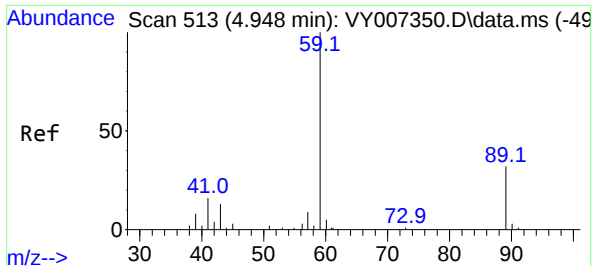
Tgt Ion:168 Resp: 82912
Ion Ratio Lower Upper
168 100
99 57.3 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY007453.D
Acq: 09 Feb 2022 15:23

Tgt Ion: 50 Resp: 214
Ion Ratio Lower Upper
50 100
52 35.1 24.6 37.0





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.966 min Scan# 51

Delta R.T. 0.018 min

Lab File: VY007453.D

Acq: 09 Feb 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

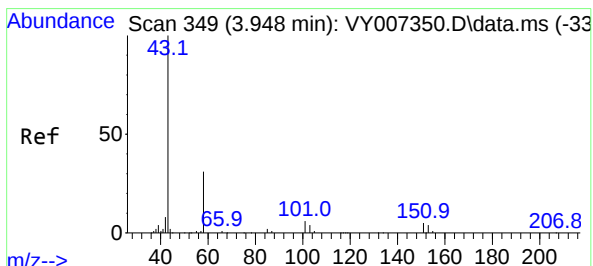
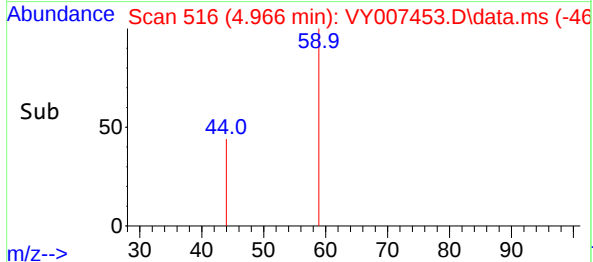
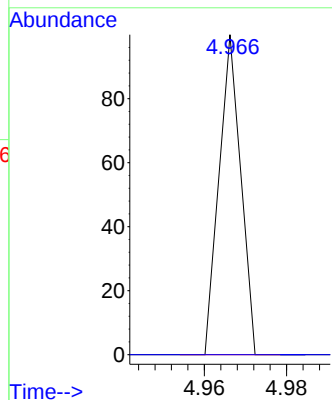
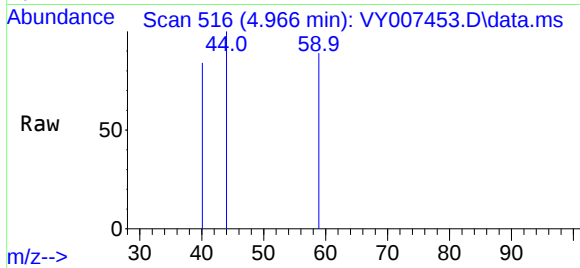
TP-1

Tgt Ion: 59 Resp: 37

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 6.083 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY007453.D

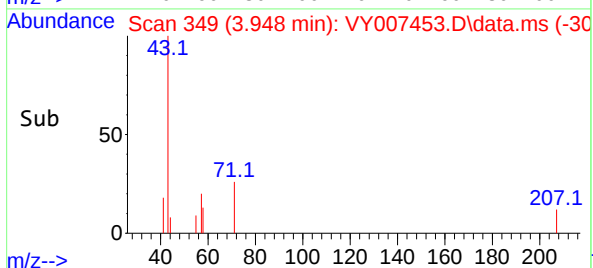
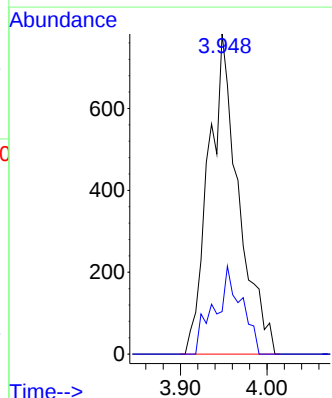
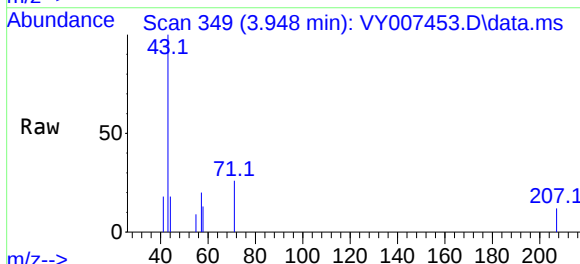
Acq: 09 Feb 2022 15:23

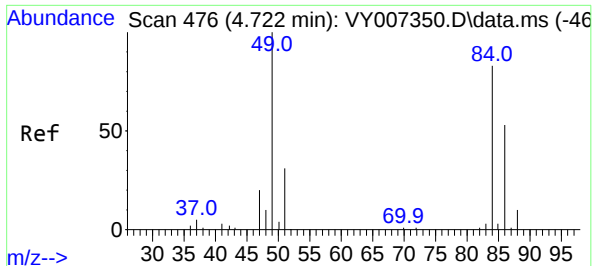
Tgt Ion: 43 Resp: 1884

Ion Ratio Lower Upper

43 100

58 13.3 22.0 33.0#



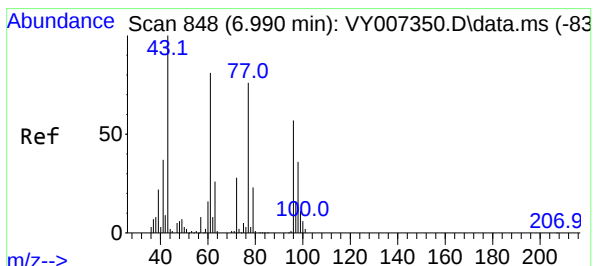
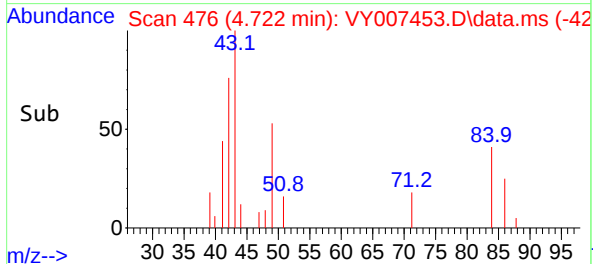
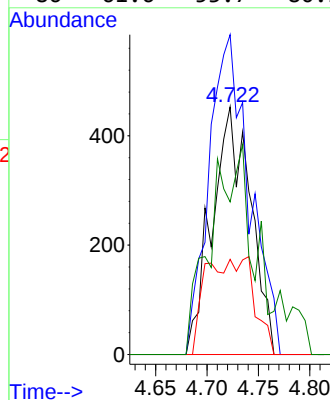
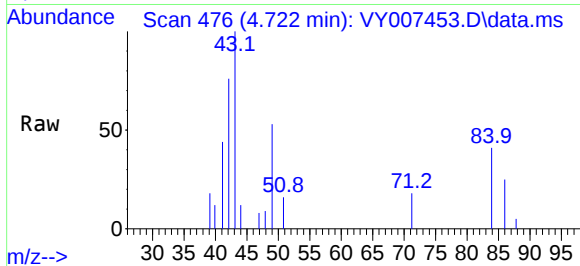


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007453.D
Acq: 09 Feb 2022 15:23

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tgt Ion: 84 Resp: 1180

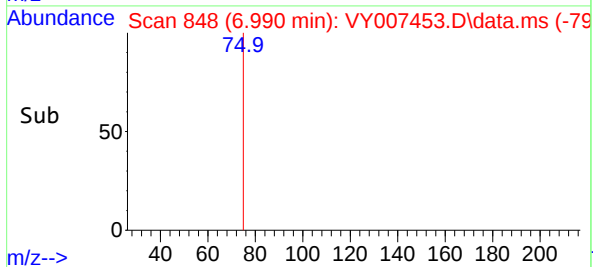
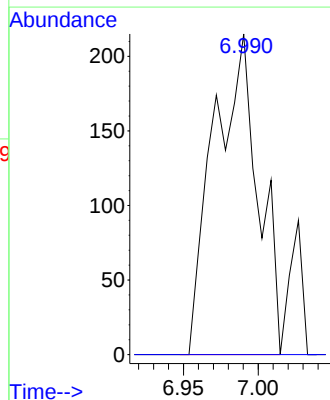
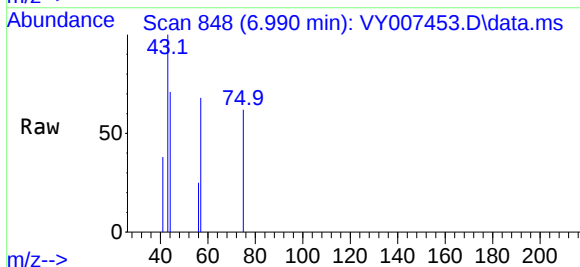
Ion	Ratio	Lower	Upper
84	100		
49	129.1	114.4	171.6
51	38.4	35.3	52.9
86	61.6	53.7	80.5

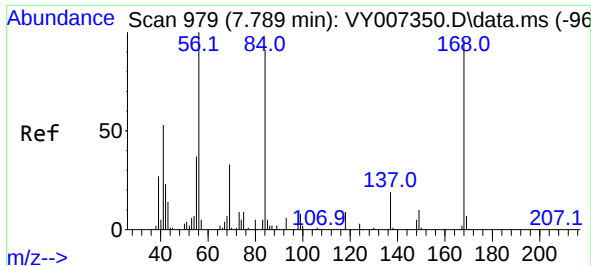


#25
2-Butanone
Concen: 1.186 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY007453.D
Acq: 09 Feb 2022 15:23

Tgt Ion: 43 Resp: 444

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#

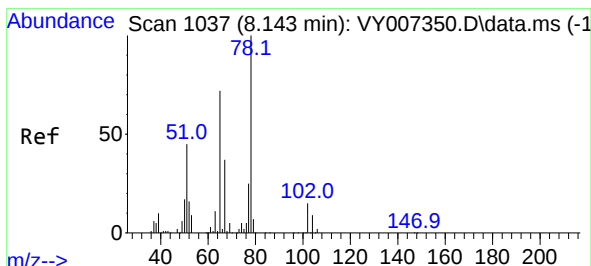
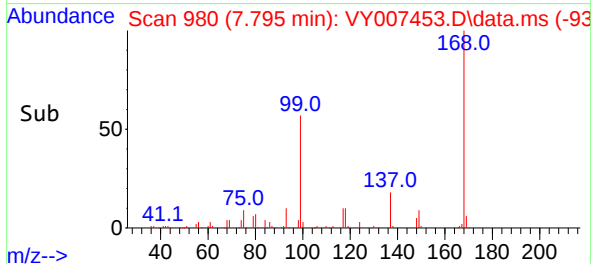
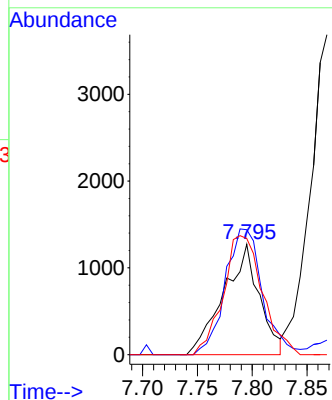
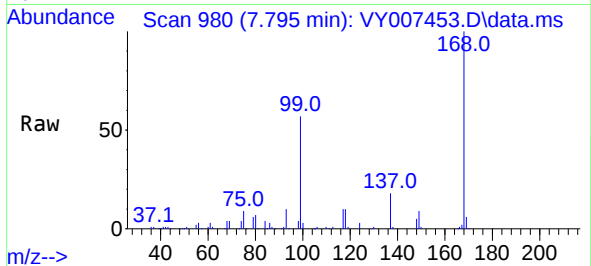




#31
Cyclohexane
Concen: 1.556 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007453.D
Acq: 09 Feb 2022 15:23

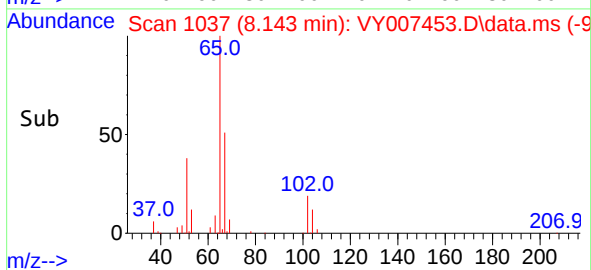
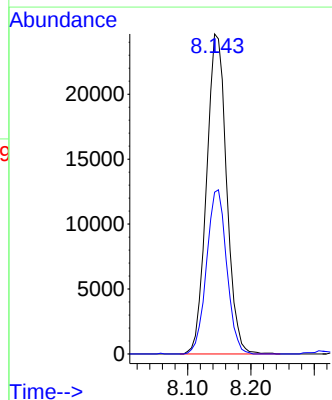
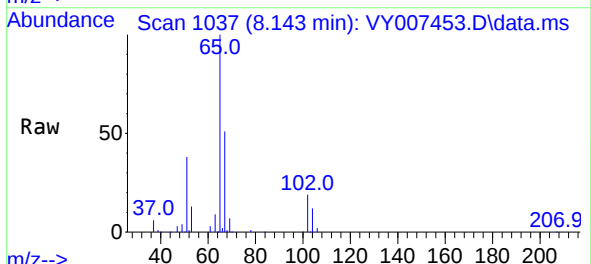
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

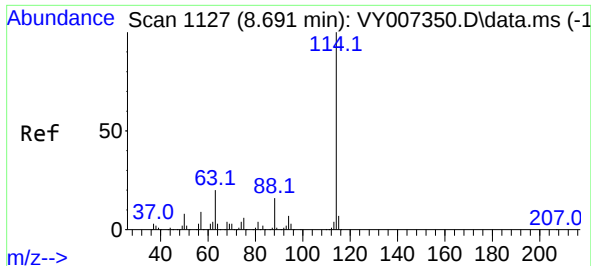
Tgt Ion: 56 Resp: 2896
Ion Ratio Lower Upper
56 100
69 113.1 26.7 40.1#
84 105.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 56.837 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007453.D
Acq: 09 Feb 2022 15:23

Tgt Ion: 65 Resp: 54205
Ion Ratio Lower Upper
65 100
67 51.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007453.D

Acq: 09 Feb 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

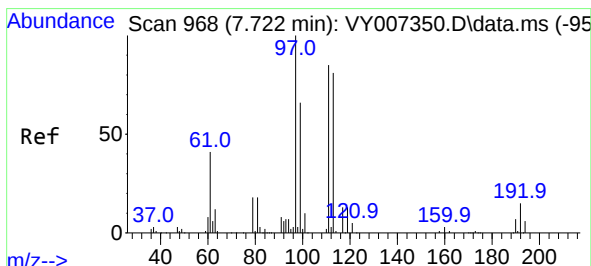
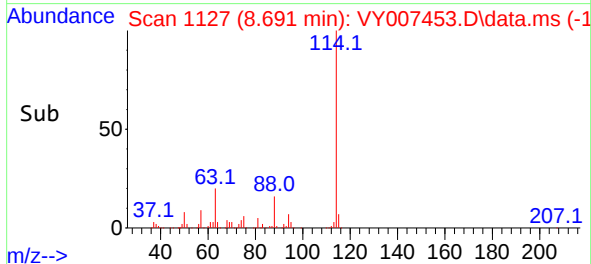
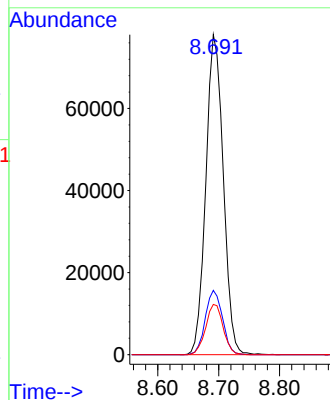
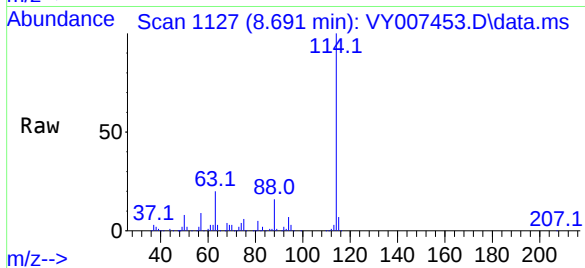
Tgt Ion:114 Resp: 155554

Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.886 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007453.D

Acq: 09 Feb 2022 15:23

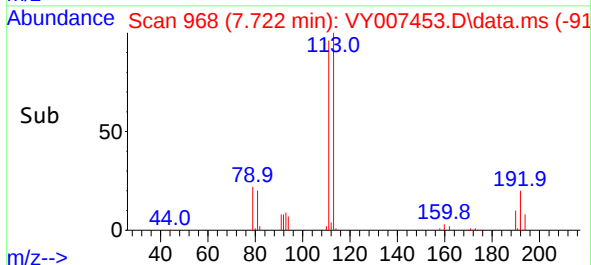
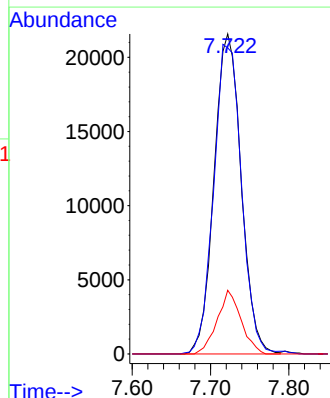
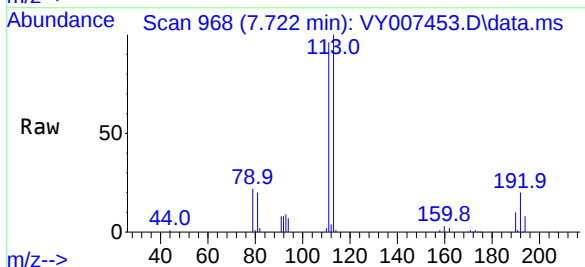
Tgt Ion:113 Resp: 51827

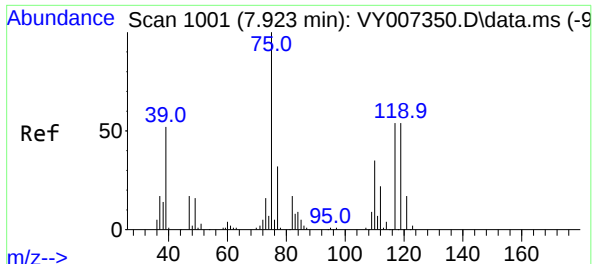
Ion Ratio Lower Upper

113 100

111 99.4 82.6 124.0

192 17.5 17.6 26.4#





#36

1,1-Dichloropropene

Concen: 3.991 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.128 min

Lab File: VY007453.D

Acq: 09 Feb 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

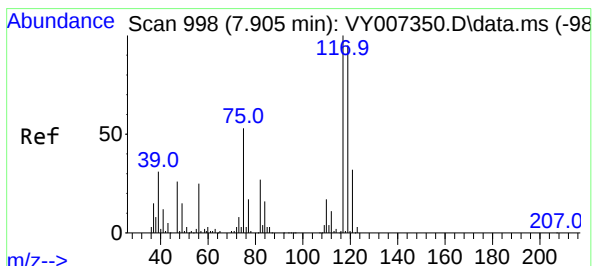
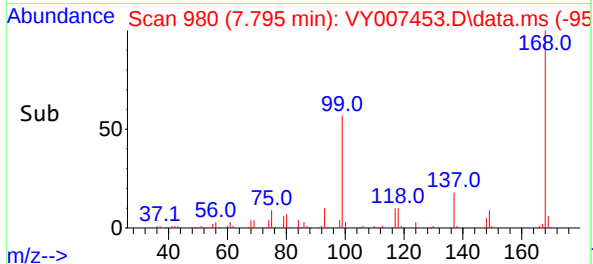
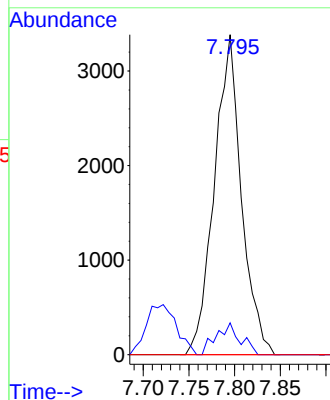
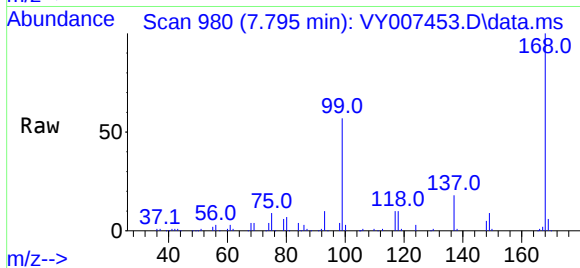
Tgt Ion: 75 Resp: 6969

Ion Ratio Lower Upper

75 100

110 8.7 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.998 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY007453.D

Acq: 09 Feb 2022 15:23

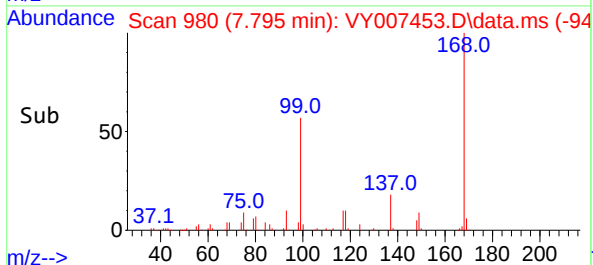
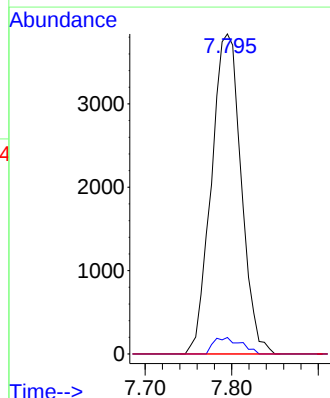
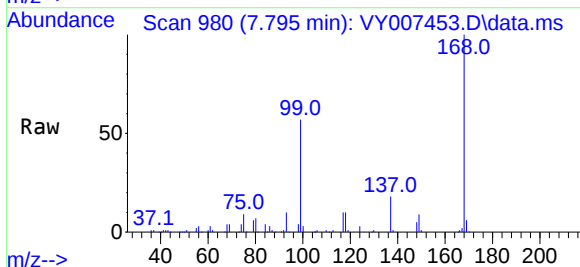
Tgt Ion: 117 Resp: 9169

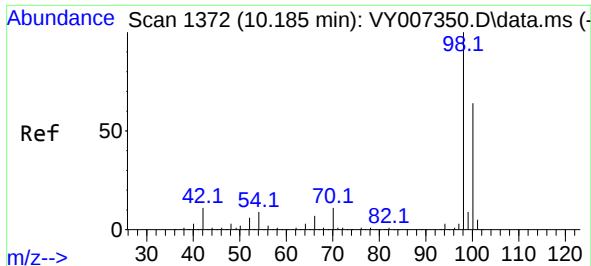
Ion Ratio Lower Upper

117 100

119 5.2 77.9 116.9#

121 0.0 24.8 37.2#

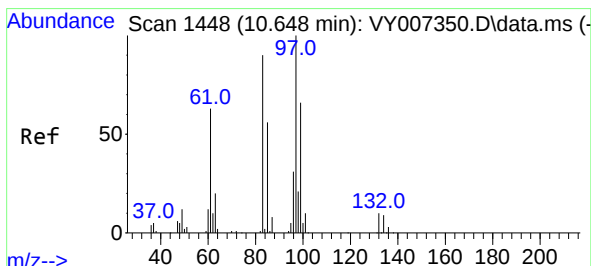
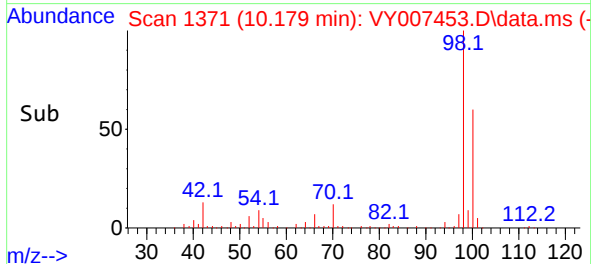
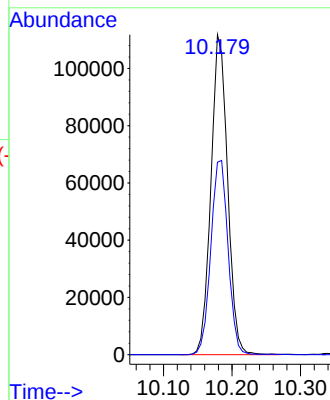
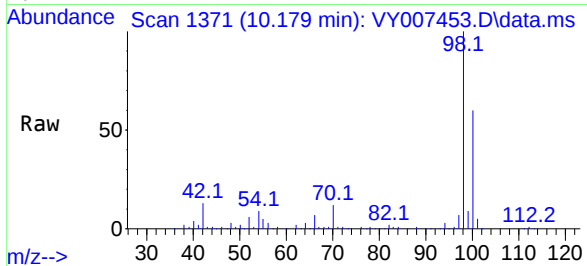




#50
Toluene-d8
Concen: 51.241 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007453.D
Acq: 09 Feb 2022 15:23

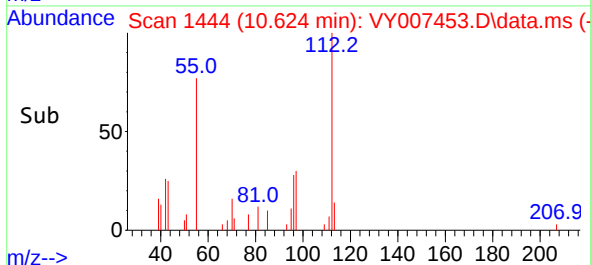
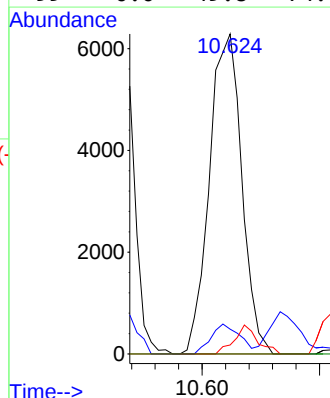
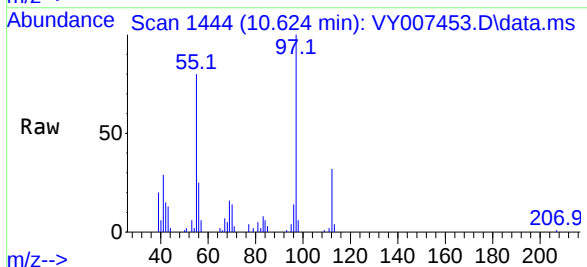
Instrument :
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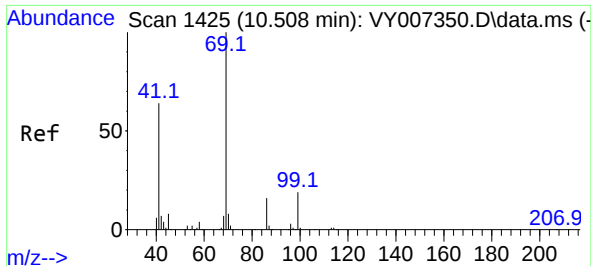
Tgt Ion: 98 Resp: 189097
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2



#55
1,1,2-Trichloroethane
Concen: 13.467 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.024 min
Lab File: VY007453.D
Acq: 09 Feb 2022 15:23

Tgt Ion: 97 Resp: 12010
Ion Ratio Lower Upper
97 100
83 7.7 69.8 104.8#
85 2.8 44.3 66.5#
99 0.0 49.8 74.6#

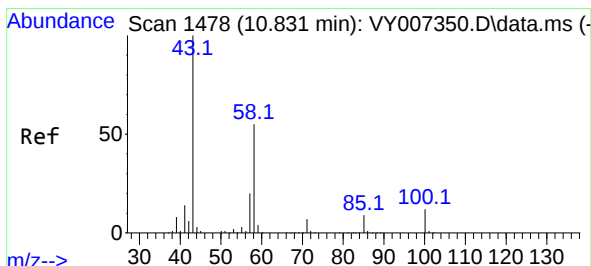
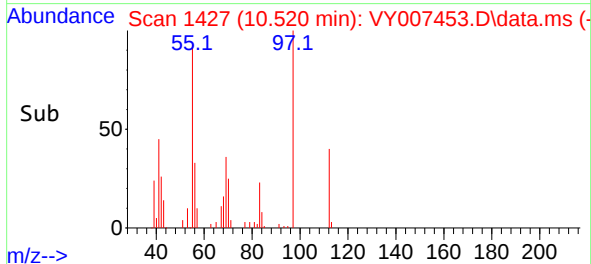
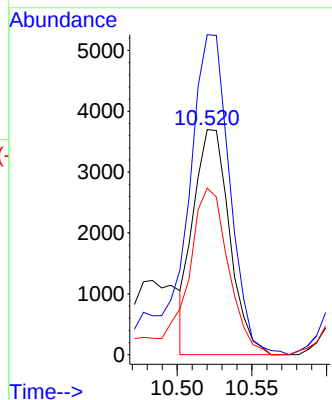
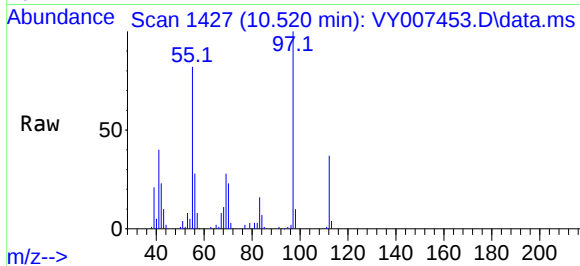




#56
Ethyl methacrylate
Concen: 5.020 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VY007453.D
Acq: 09 Feb 2022 15:23

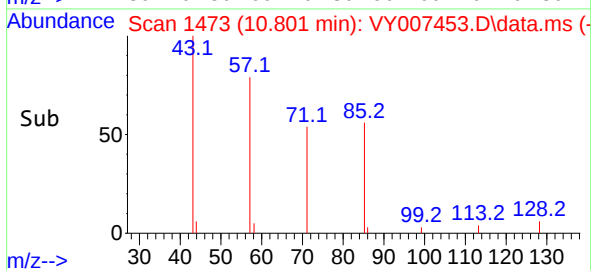
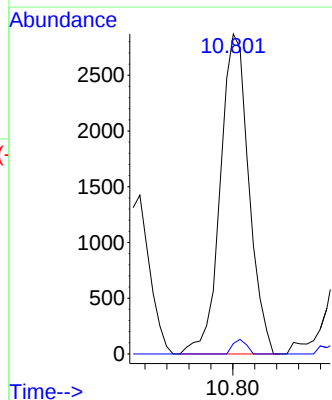
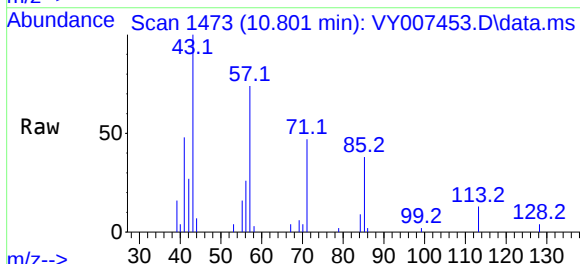
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

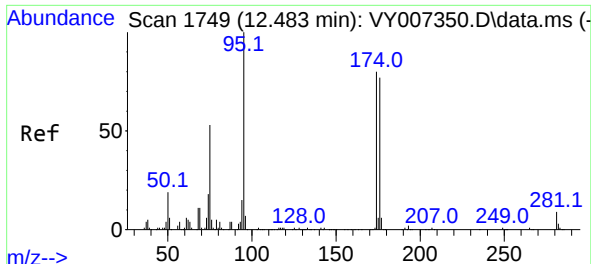
Tgt Ion: 69 Resp: 6218
Ion Ratio Lower Upper
69 100
41 182.8 63.4 95.0#
39 91.6 35.8 53.8#



#59
2-Hexanone
Concen: 8.635 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.031 min
Lab File: VY007453.D
Acq: 09 Feb 2022 15:23

Tgt Ion: 43 Resp: 5184
Ion Ratio Lower Upper
43 100
58 2.1 24.4 73.4#

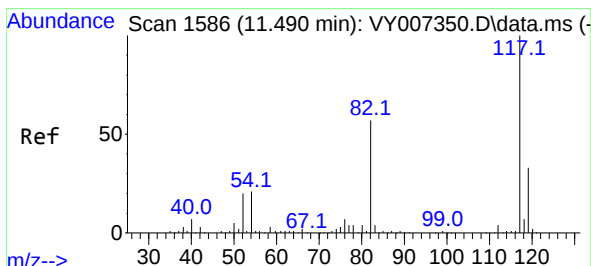
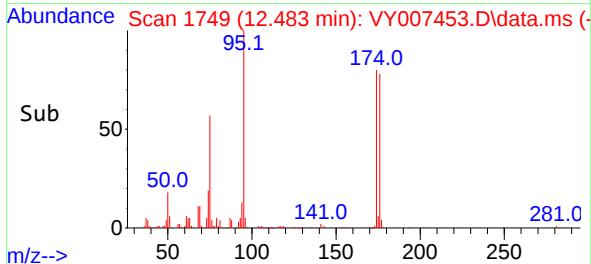
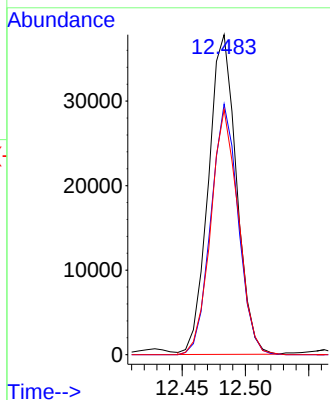
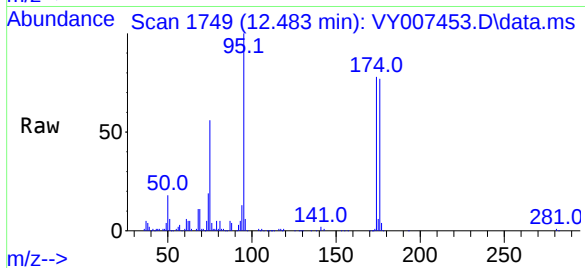




#62
4-Bromofluorobenzene
Concen: 46.569 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007453.D
Acq: 09 Feb 2022 15:23

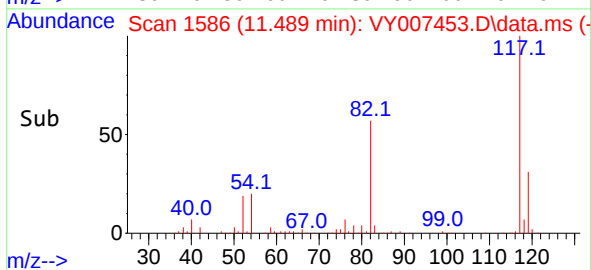
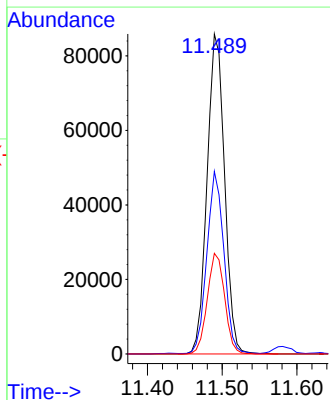
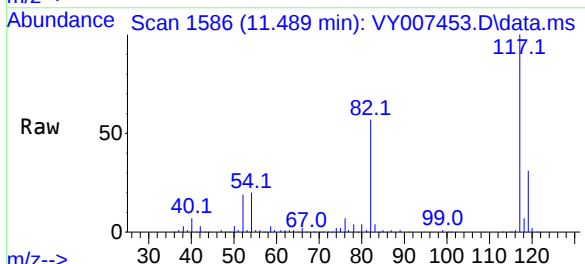
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

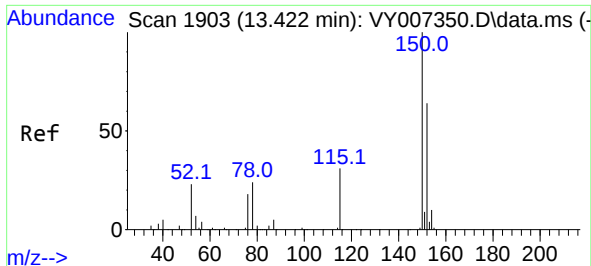
Tgt Ion: 95 Resp: 58412
Ion Ratio Lower Upper
95 100
174 75.9 0.0 177.0
176 75.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007453.D
Acq: 09 Feb 2022 15:23

Tgt Ion: 117 Resp: 139669
Ion Ratio Lower Upper
117 100
82 56.9 43.0 64.4
119 31.5 25.4 38.0

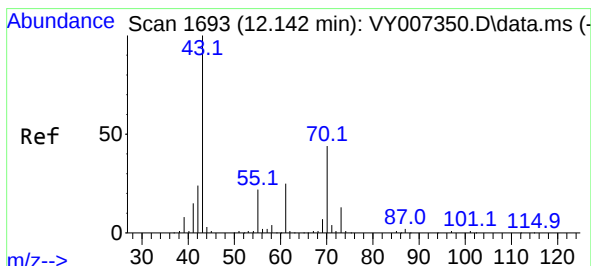
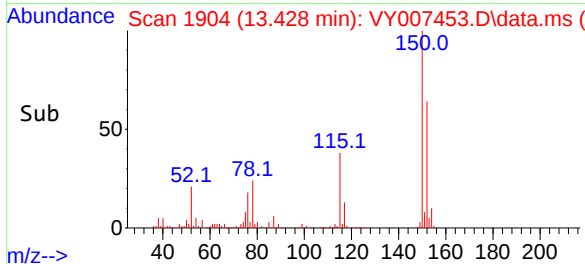
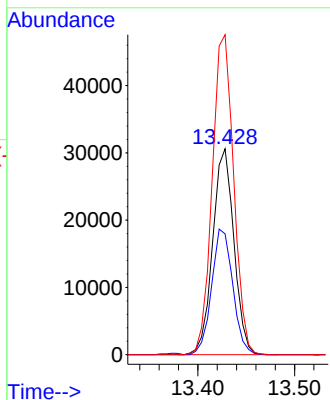
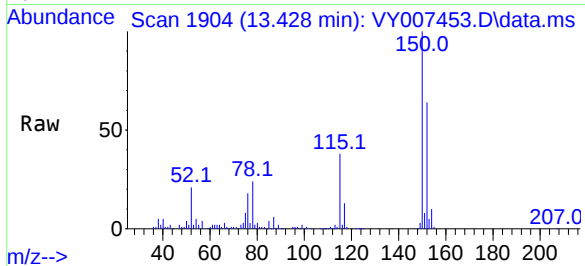




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY007453.D
Acq: 09 Feb 2022 15:23

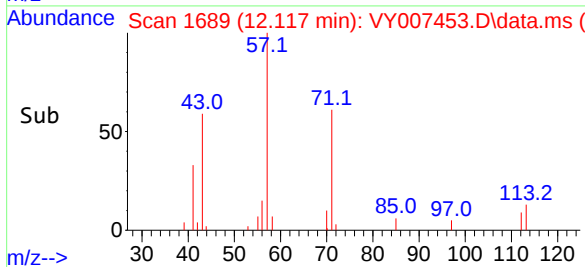
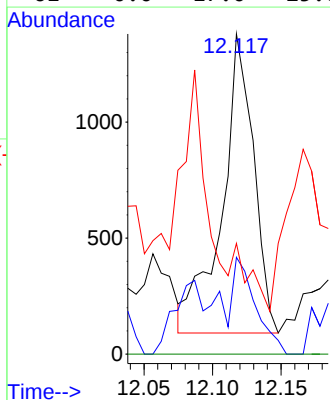
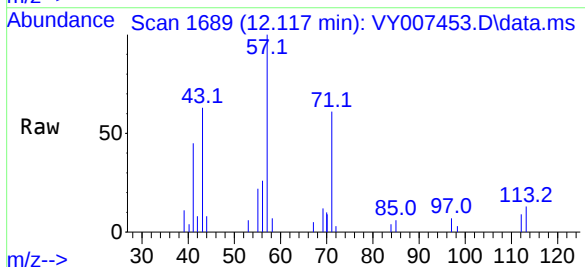
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

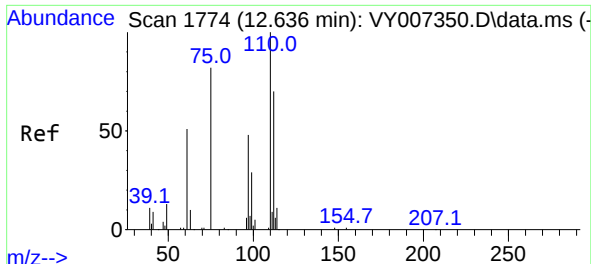
Tgt Ion:152 Resp: 46750
Ion Ratio Lower Upper
152 100
115 60.8 28.2 84.7
150 156.6 0.0 347.6



#74
N-ethyl acetate
Concen: 1.963 ug/l
RT: 12.117 min Scan# 1689
Delta R.T. -0.024 min
Lab File: VY007453.D
Acq: 09 Feb 2022 15:23

Tgt Ion: 43 Resp: 2076
Ion Ratio Lower Upper
43 100
70 29.9 28.7 43.1
55 0.0 17.3 25.9#
61 0.0 17.0 25.6#

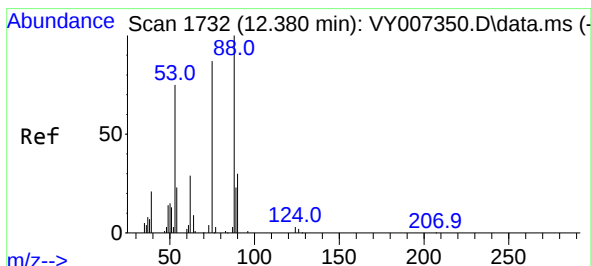
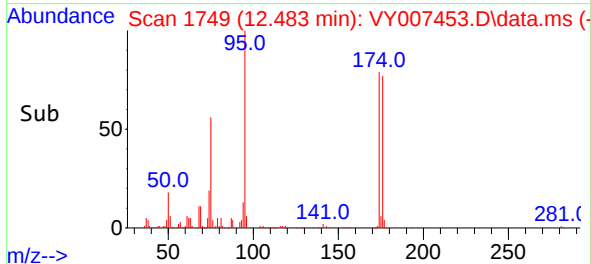
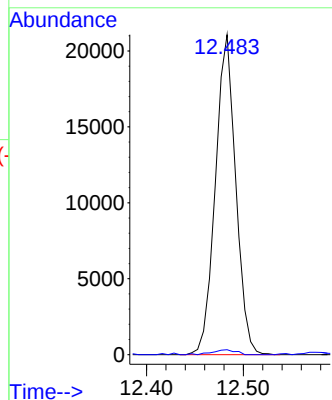
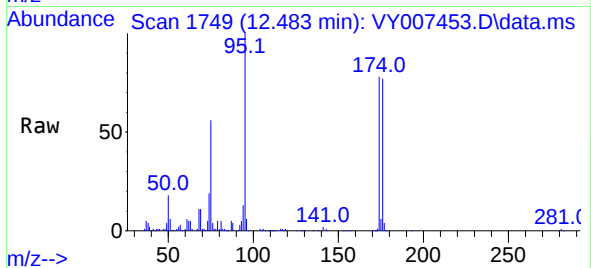




#76
1,2,3-Trichloropropane
Concen: 55.410 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007453.D
Acq: 09 Feb 2022 15:23

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tgt Ion: 75 Resp: 30795
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.009 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007453.D
Acq: 09 Feb 2022 15:23

Tgt Ion: 75 Resp: 30795
Ion Ratio Lower Upper
75 100
53 0.6 85.3 127.9#
89 0.0 37.0 55.4#

