

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
 Data File : VY007380.D
 Acq On : 03 Feb 2022 16:51
 Operator : SY/MD
 Sample : N1381-09
 Misc : 6.30g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 08:41:10 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	7.789	168	103557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	184010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	112527	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.544	152	90869	50.000	ug/l	0.12

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	55956	46.976	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.960%
35) Dibromofluoromethane	7.716	113	59102	50.019	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.040%
50) Toluene-d8	10.179	98	368097	84.321	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	168.640%#
62) 4-Bromofluorobenzene	12.477	95	575453	387.834	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	775.660%#

Target Compounds				Qvalue		
3) Chloromethane	2.107	50	692	Below Cal		96
11) Tert butyl alcohol	4.942	59	111	Below Cal	#	77
13) Acrolein	3.936	56	532	3.325	ug/l #	83
15) Acrylonitrile	5.234	53	650	2.012	ug/l #	19
16) Acetone	3.936	43	9774	25.265	ug/l	91
20) Methylene Chloride	4.716	84	1368	Below Cal	#	70
25) 2-Butanone	6.978	43	4989	10.674	ug/l #	79
29) Tetrahydrofuran	7.344	42	274	1.014	ug/l #	56
31) Cyclohexane	7.789	56	15104	6.498	ug/l #	82
36) 1,1-Dichloropropene	7.783	75	8828	4.274	ug/l #	54
37) Ethyl Acetate	6.978	43	4989	4.858	ug/l #	72
38) Carbon Tetrachloride	7.789	117	11357	5.233	ug/l #	16
39) Methylcyclohexane	9.179	83	360861	139.103	ug/l	98
43) Isopropyl Acetate	8.264	43	42999	22.388	ug/l #	56
47) Bromodichloromethane	9.465	83	30602	15.754	ug/l #	51
48) Methyl methacrylate	9.325	41	14076	16.206	ug/l #	33
51) 4-Methyl-2-Pentanone	10.112	43	29999	30.798	ug/l	94
55) 1,1,2-Trichloroethane	10.618	97	1302680	1234.782	ug/l #	20
56) Ethyl methacrylate	10.520	69	617115	421.145	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.801	63	964	1.265	ug/l #	52
59) 2-Hexanone	10.807	43	3920538	5520.872	ug/l #	33
60) Dibromochloromethane	10.910	129	9629	7.331	ug/l	61
61) 1,2-Dibromoethane	11.099	107	3785	3.626	ug/l #	1
65) Chlorobenzene	11.422	112	32975	13.173	ug/l #	42
67) Ethyl Benzene	11.581	91	9031	1.901	ug/l #	53
68) m/p-Xylenes	11.697	106	5437	3.090	ug/l #	1
73) Isopropylbenzene	12.331	105	1065392	128.288	ug/l	98
74) N-amyl acetate	12.136	43	4767026	2318.998	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.562	83	539215	355.542	ug/l #	26
76) 1,2,3-Trichloropropane	12.660	75	6025	5.577	ug/l #	100
77) Bromobenzene	12.593	156	11081	6.334	ug/l #	1
78) n-propylbenzene	12.672	91	354744	35.266	ug/l	84
79) 2-Chlorotoluene	12.745	91	118752	21.323	ug/l #	41
81) trans-1,4-Dichloro-2-b...	12.331	75	15776	29.258	ug/l #	1
82) 4-Chlorotoluene	12.806	91	98636	17.244	ug/l #	41
83) tert-Butylbenzene	13.074	119	236081	40.029	ug/l	70

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

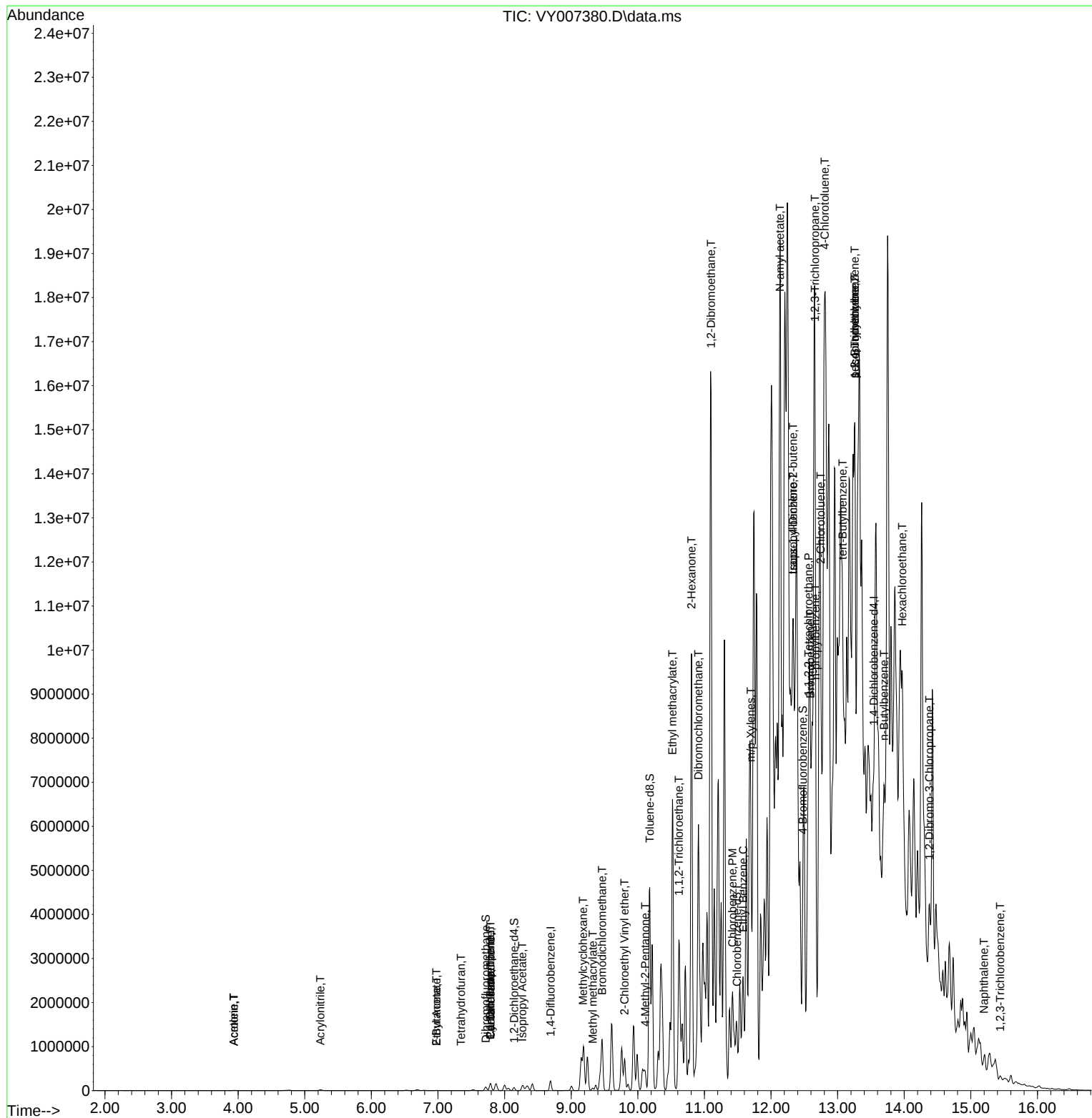
84) 1,2,4-Trimethylbenzene	13.257	105	2764263	414.402	ug/l #	32
85) sec-Butylbenzene	13.257	105	2764263	312.477	ug/l	87
86) p-Isopropyltoluene	13.257	119	46674	6.477	ug/l #	1
89) n-Butylbenzene	13.696	91	106594	15.368	ug/l	91
90) Hexachloroethane	13.971	117	99399	72.986	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.379	75	4323	17.541	ug/l #	8
95) Naphthalene	15.196	128	10912	2.970	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.440	180	2159	1.447	ug/l #	13

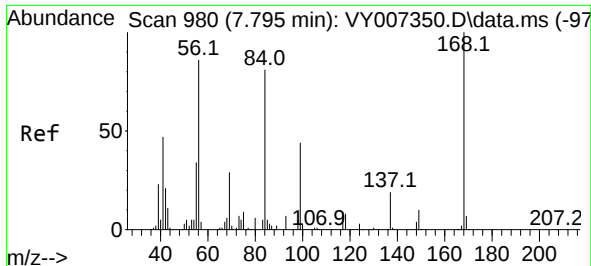
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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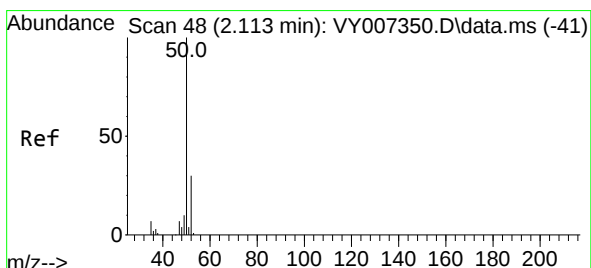
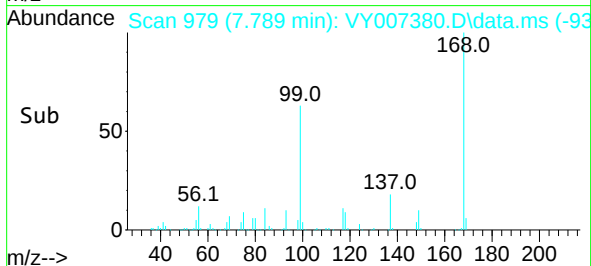
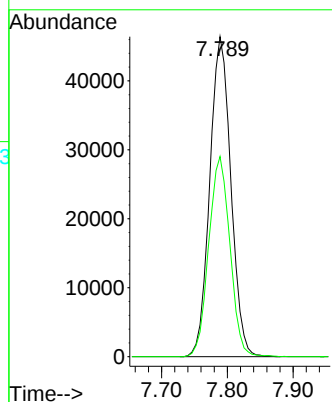
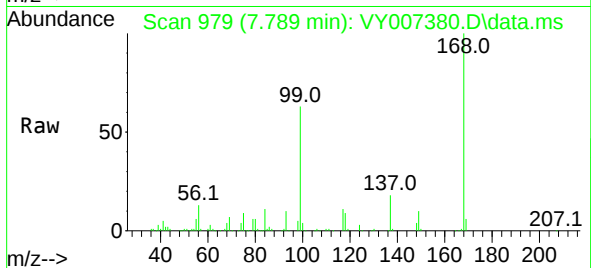




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

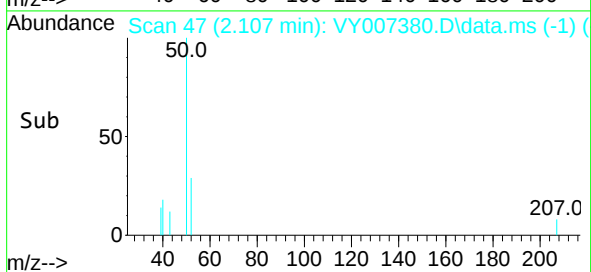
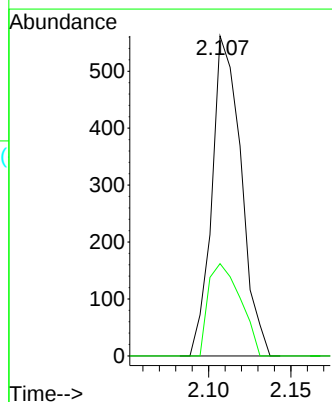
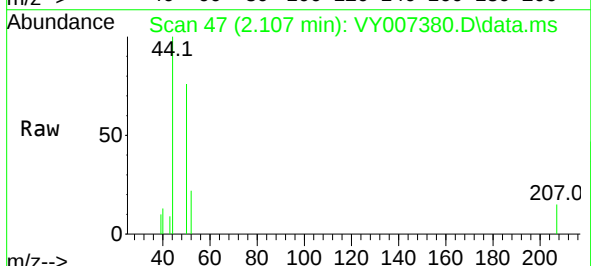
Instrument :
MSVOA_Y
ClientSampleId :

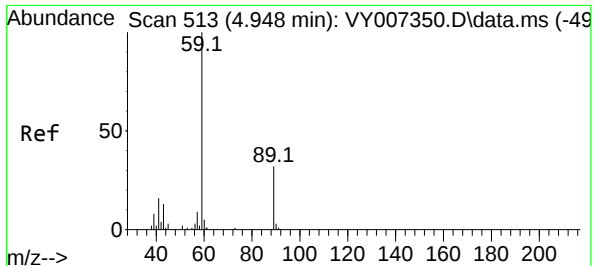
Tgt Ion:168 Resp: 103557
Ion Ratio Lower Upper
168 100
99 62.6 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

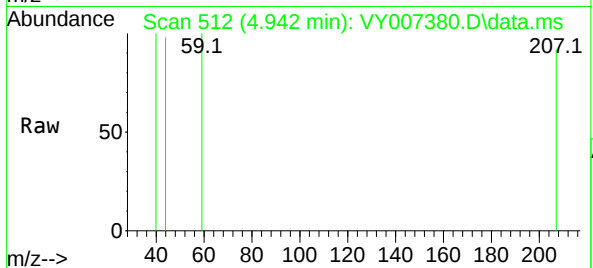
Tgt Ion: 50 Resp: 692
Ion Ratio Lower Upper
50 100
52 28.8 24.6 37.0



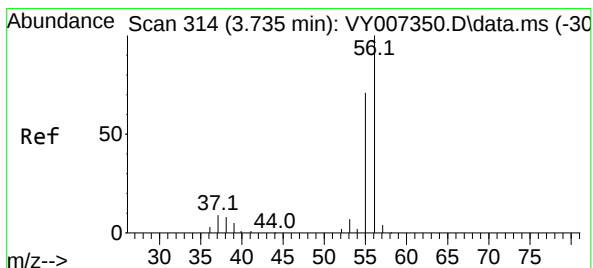
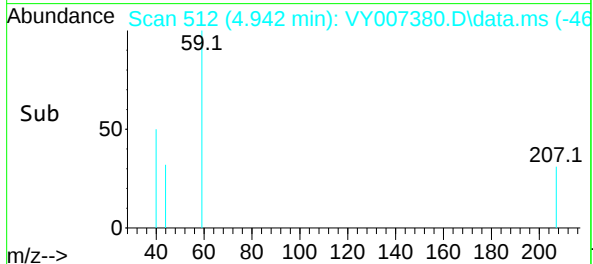
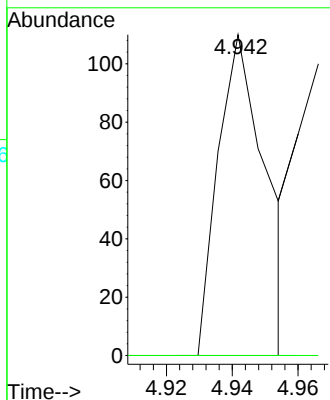


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :

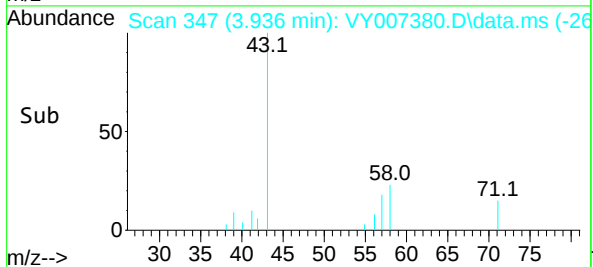
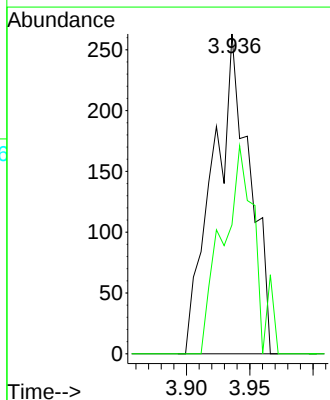
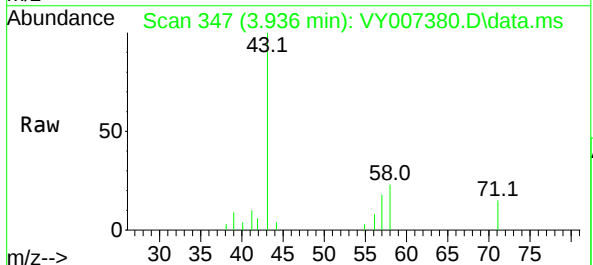


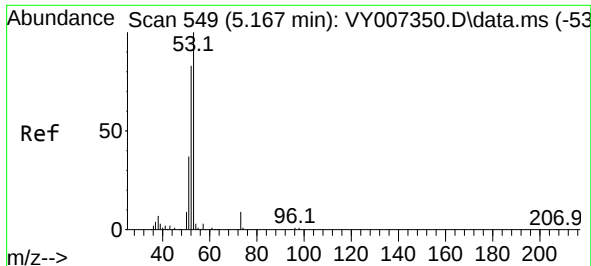
Tgt Ion: 59 Resp: 111
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#13
Acrolein
Concen: 3.325 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.201 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

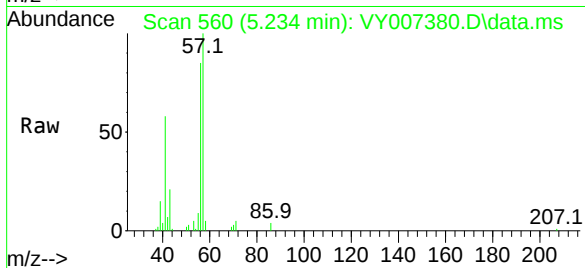
Tgt Ion: 56 Resp: 532
Ion Ratio Lower Upper
56 100
55 57.5 57.6 86.4#



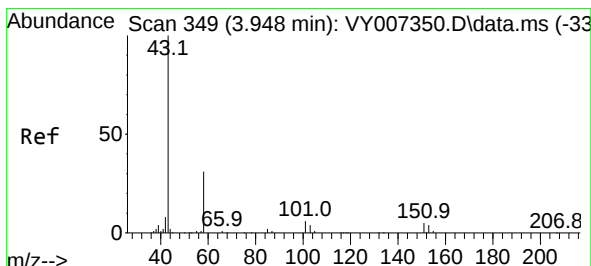
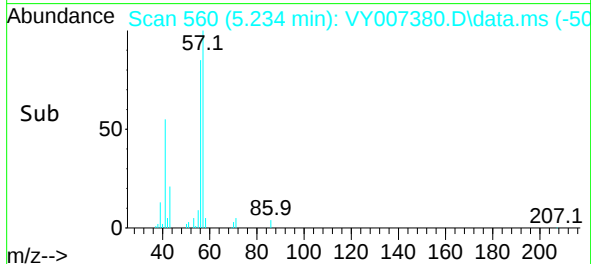
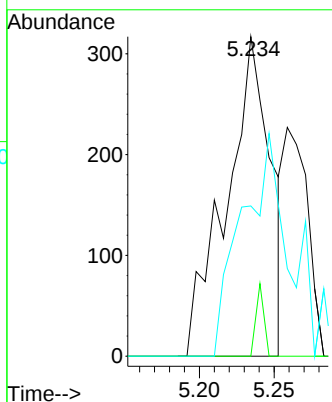


#15
Acrylonitrile
Concen: 2.012 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.067 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :

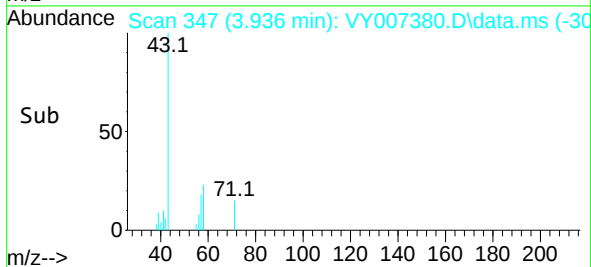
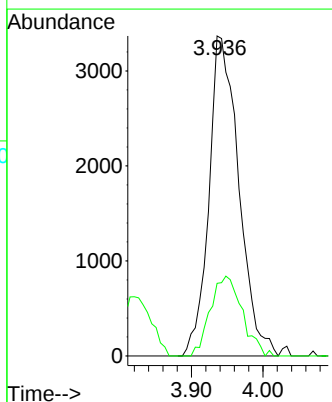
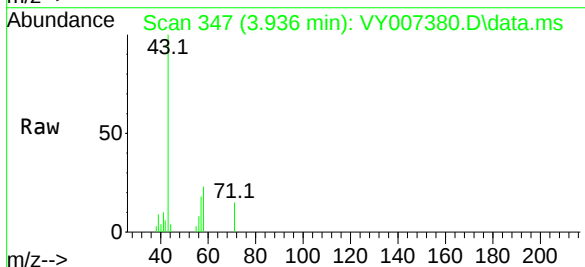


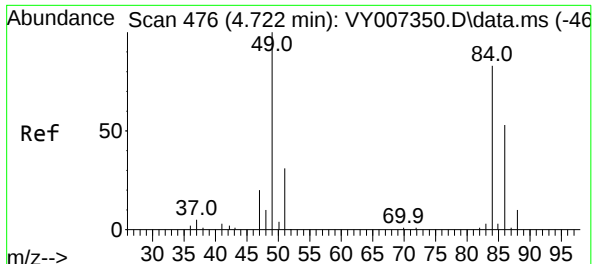
Tgt Ion: 53 Resp: 650
Ion Ratio Lower Upper
53 100
52 4.0 67.0 100.4#
51 76.5 29.8 44.6#



#16
Acetone
Concen: 25.265 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

Tgt Ion: 43 Resp: 9774
Ion Ratio Lower Upper
43 100
58 22.7 22.0 33.0





#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 41

Delta R.T. -0.006 min

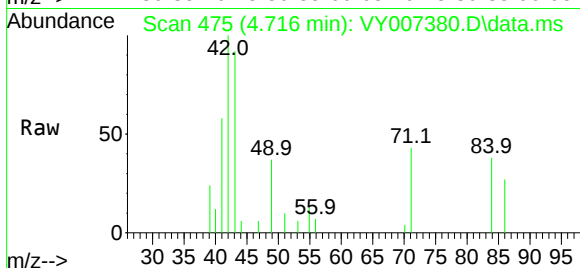
Lab File: VY007380.D

Acq: 03 Feb 2022 16:51

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 1368

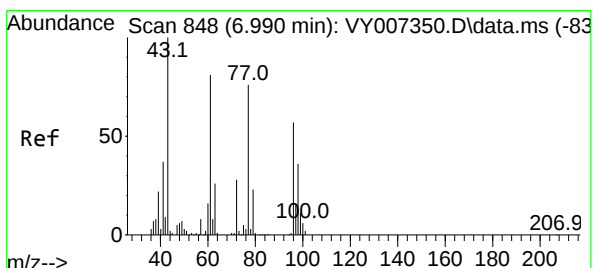
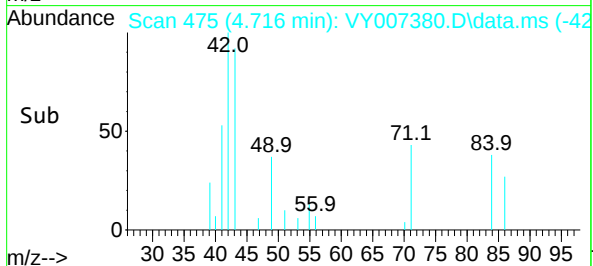
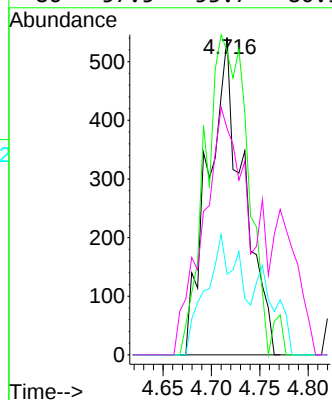
Ion Ratio Lower Upper

84 100

49 95.7 114.4 171.6#

51 25.5 35.3 52.9#

86 57.5 53.7 80.5



#25

2-Butanone

Concen: 10.674 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.012 min

Lab File: VY007380.D

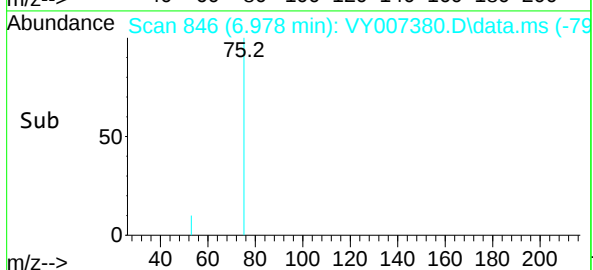
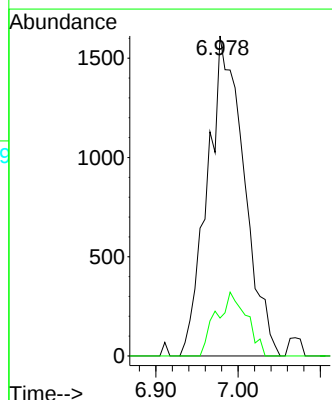
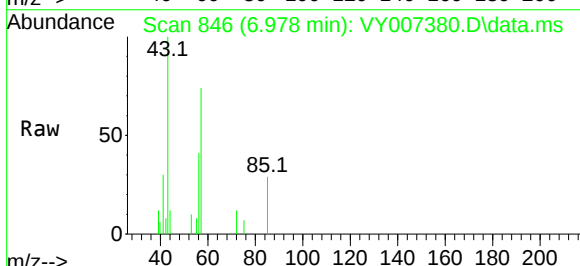
Acq: 03 Feb 2022 16:51

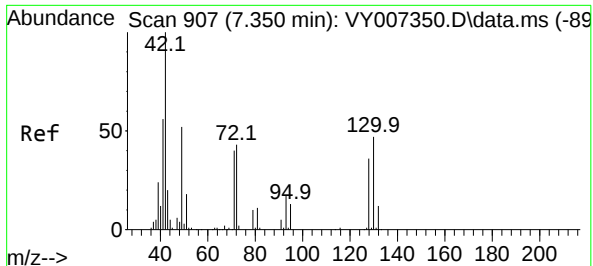
Tgt Ion: 43 Resp: 4989

Ion Ratio Lower Upper

43 100

72 11.8 17.7 26.5#





#29

Tetrahydrofuran

Concen: 1.014 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY007380.D

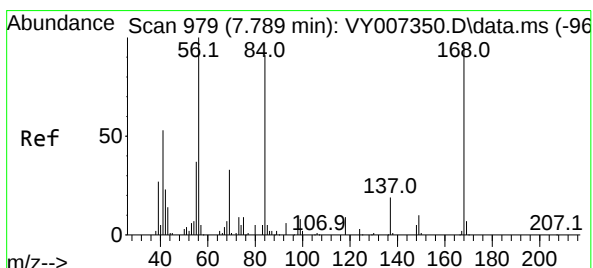
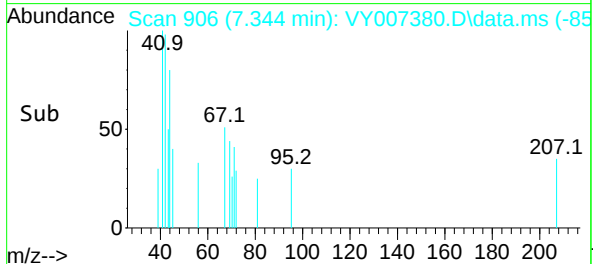
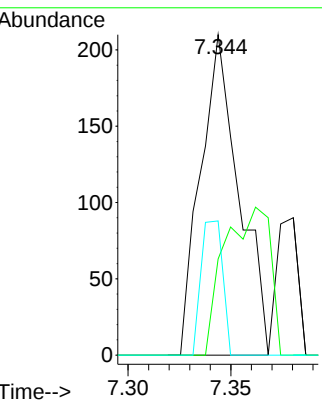
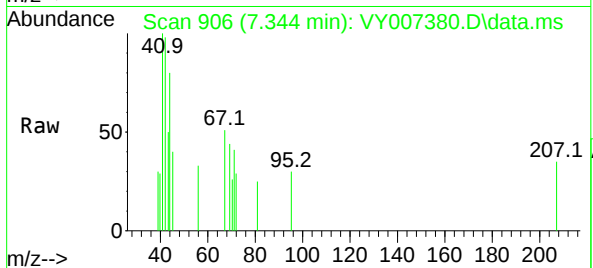
Acq: 03 Feb 2022 16:51

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	274
Ion	Ratio	Lower	Upper
42	100		
72	54.7	30.3	45.5#
71	0.0	29.0	43.4#



#31

Cyclohexane

Concen: 6.498 ug/l

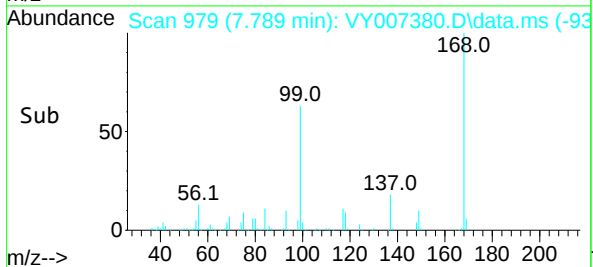
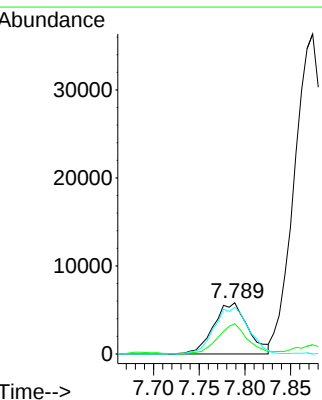
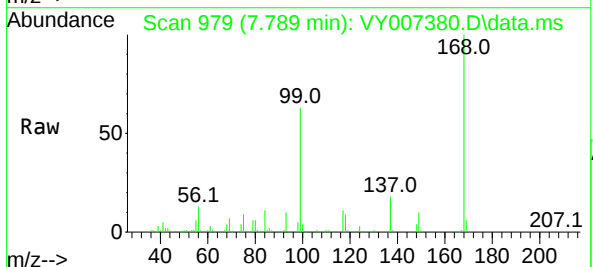
RT: 7.789 min Scan# 979

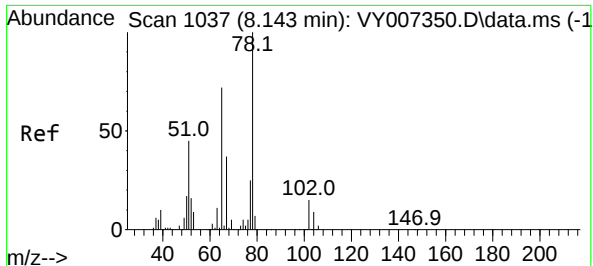
Delta R.T. -0.000 min

Lab File: VY007380.D

Acq: 03 Feb 2022 16:51

Tgt Ion:	56	Resp:	15104
Ion	Ratio	Lower	Upper
56	100		
69	58.3	26.7	40.1#
84	91.0	67.2	100.8





#33

1,2-Dichloroethane-d4

Concen: 46.976 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007380.D

Acq: 03 Feb 2022 16:51

Instrument :

MSVOA_Y

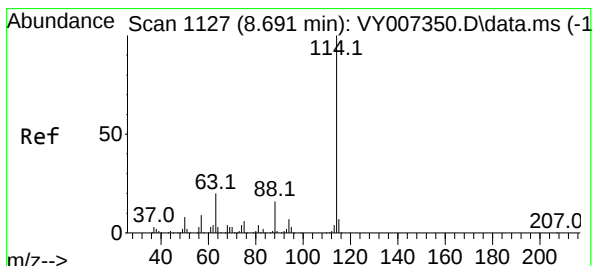
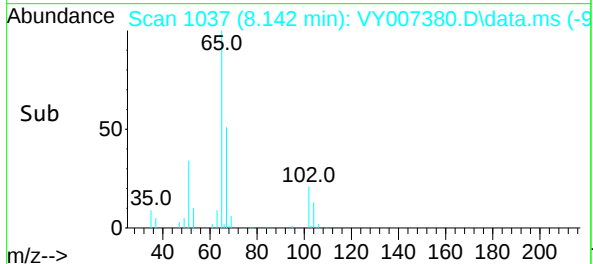
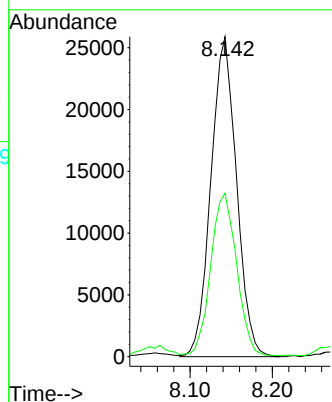
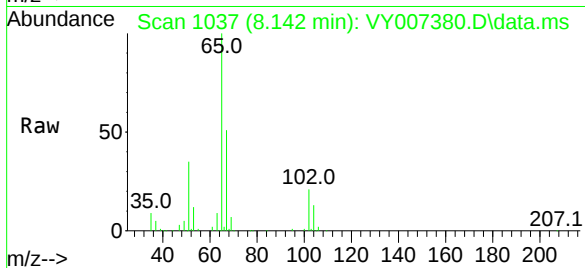
ClientSampleId :

Tgt Ion: 65 Resp: 55956

Ion Ratio Lower Upper

65 100

67 51.4 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: VY007380.D

Acq: 03 Feb 2022 16:51

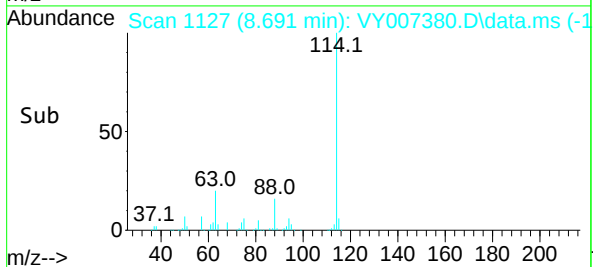
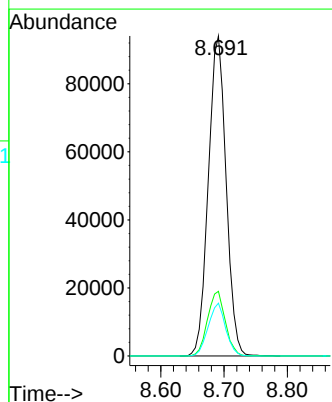
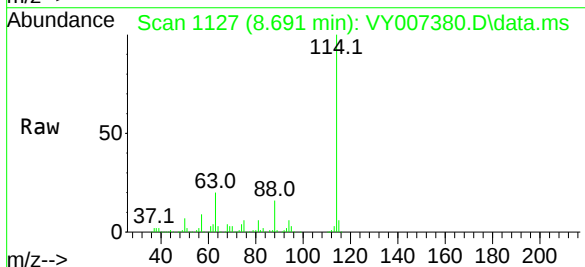
Tgt Ion: 114 Resp: 184010

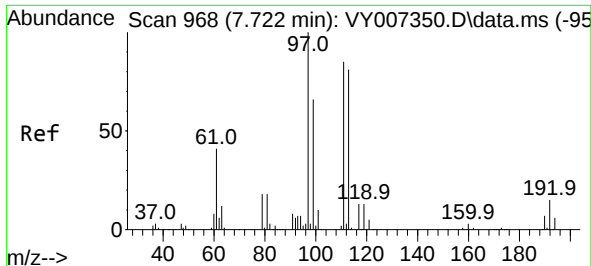
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

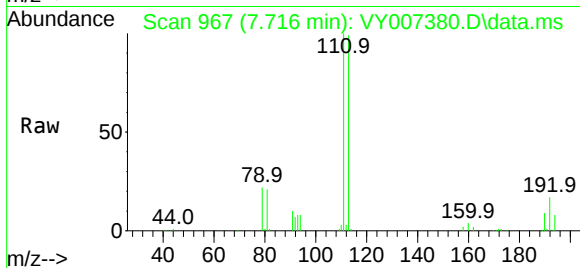
88 16.5 0.0 31.8



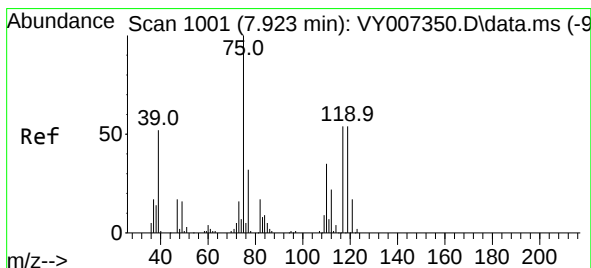
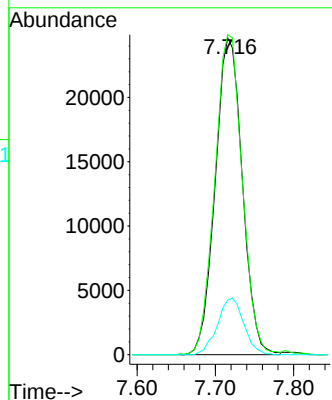
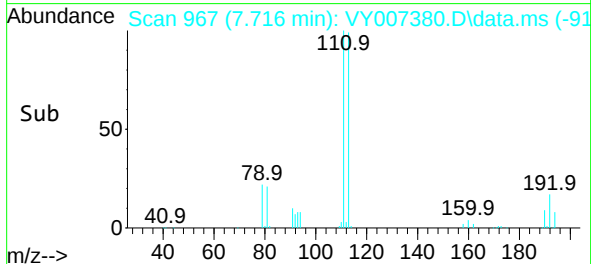


#35
Dibromofluoromethane
Concen: 50.019 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :

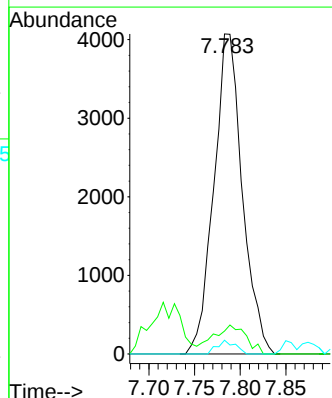
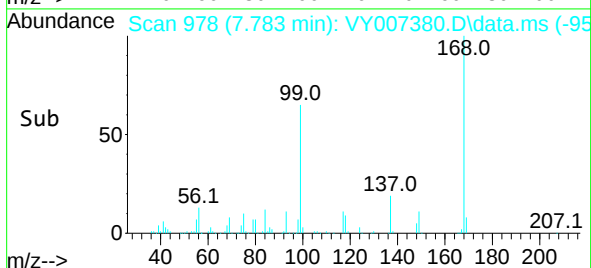
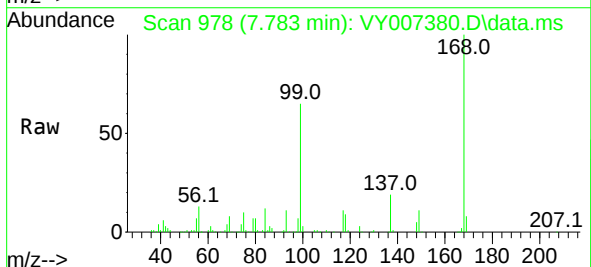


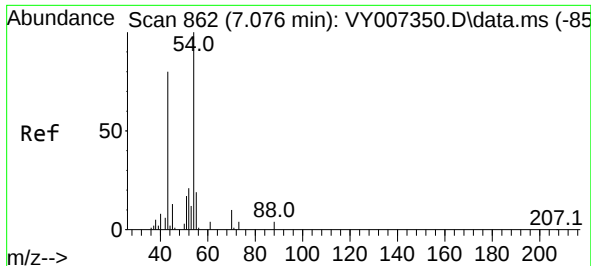
Tgt Ion:113 Resp: 59102
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 17.4 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 4.274 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

Tgt Ion: 75 Resp: 8828
Ion Ratio Lower Upper
75 100
110 10.5 17.1 51.2#
77 2.7 24.4 36.6#





#37

Ethyl Acetate

Concen: 4.858 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.098 min

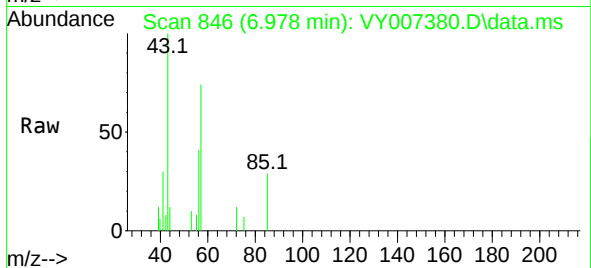
Lab File: VY007380.D

Acq: 03 Feb 2022 16:51

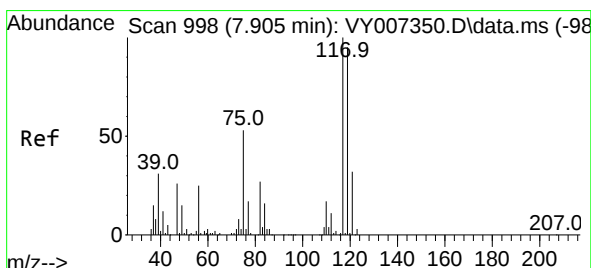
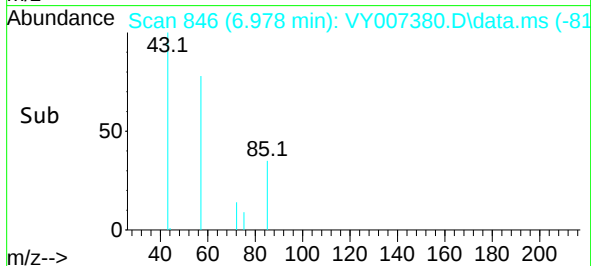
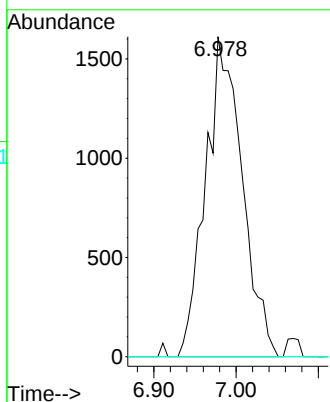
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	4989
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.7	14.5#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.233 ug/l

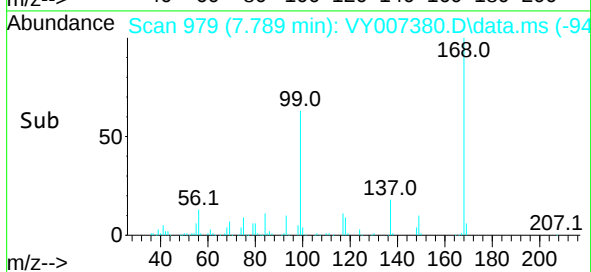
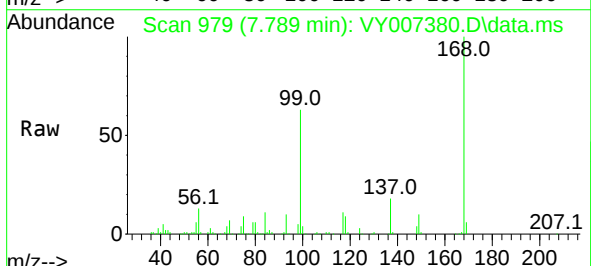
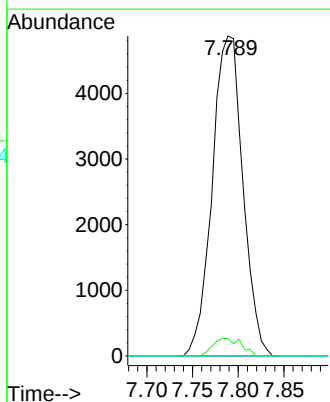
RT: 7.789 min Scan# 979

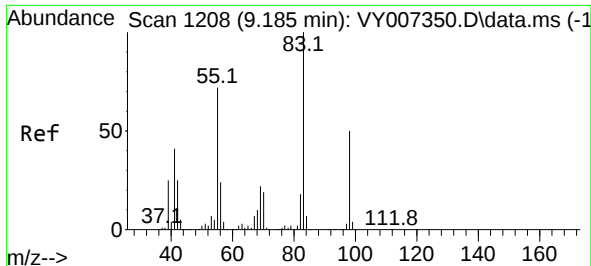
Delta R.T. -0.116 min

Lab File: VY007380.D

Acq: 03 Feb 2022 16:51

Tgt Ion:	117	Resp:	11357
Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.9	116.9#
121	0.0	24.8	37.2#

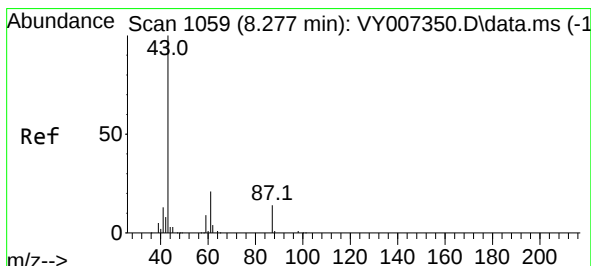
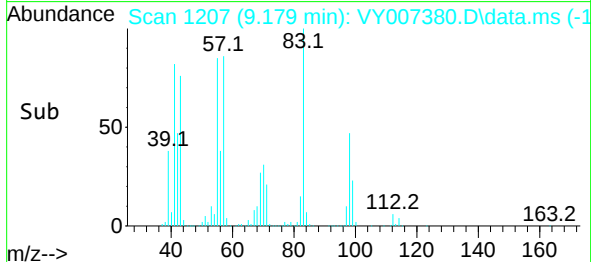
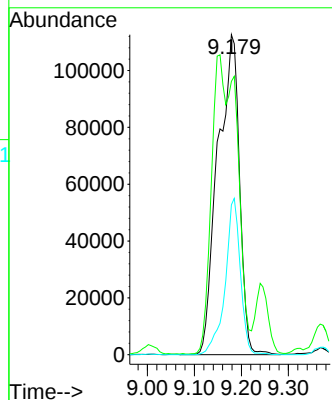
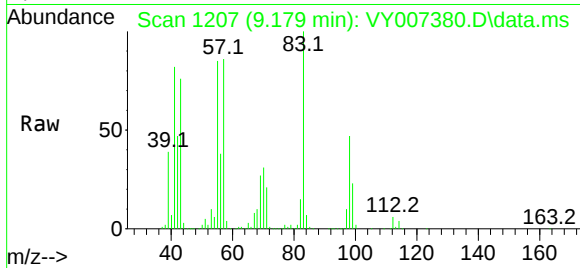




#39
Methylcyclohexane
Concen: 139.103 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

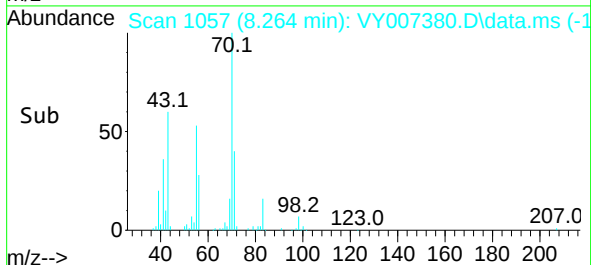
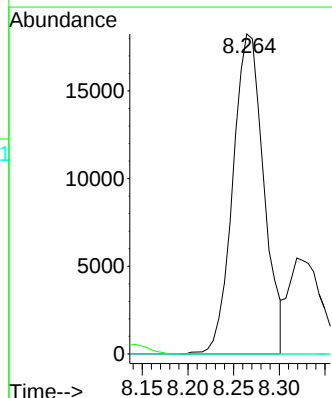
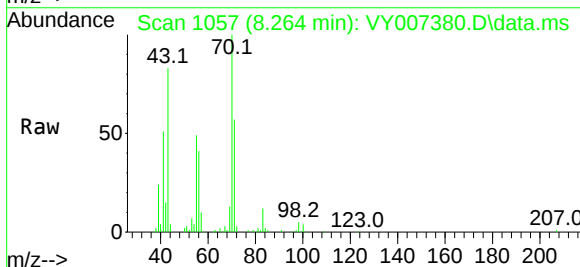
Instrument :
MSVOA_Y
ClientSampleId :

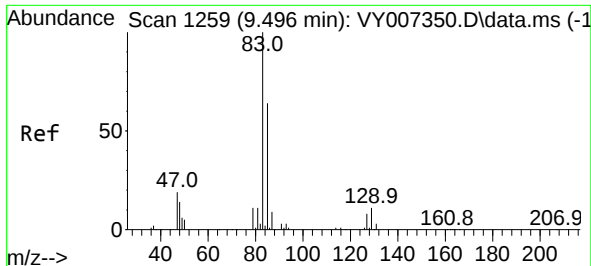
Tgt Ion: 83 Resp: 360861
Ion Ratio Lower Upper
83 100
55 85.2 66.5 99.7
98 46.9 37.9 56.9



#43
Isopropyl Acetate
Concen: 22.388 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.012 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

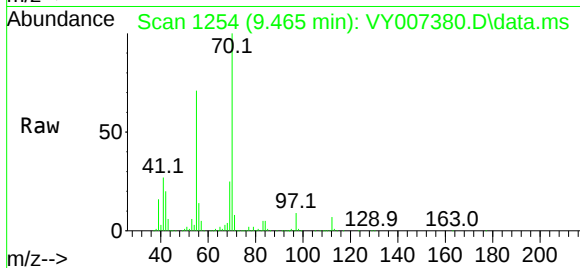
Tgt Ion: 43 Resp: 42999
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 0.0 8.9 13.3#



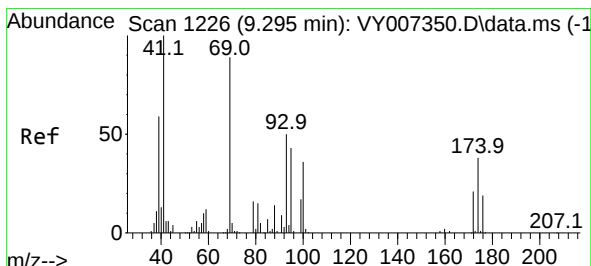
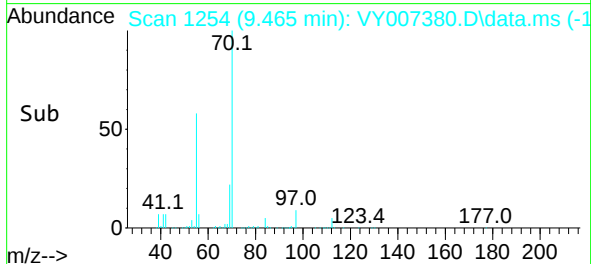
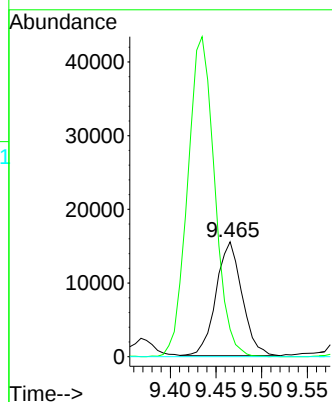


#47
Bromodichloromethane
Concen: 15.754 ug/l
RT: 9.465 min Scan# 1254
Delta R.T. -0.031 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :

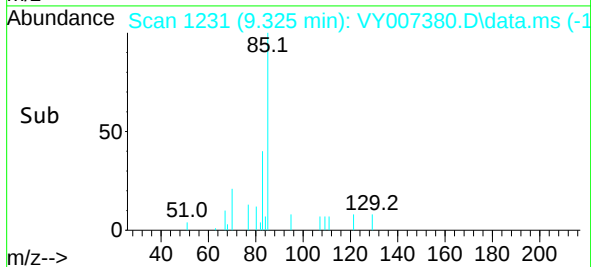
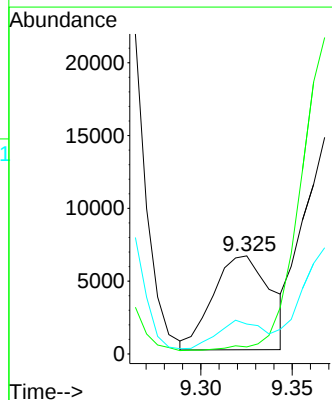
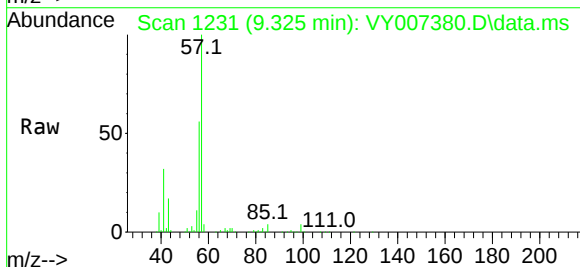


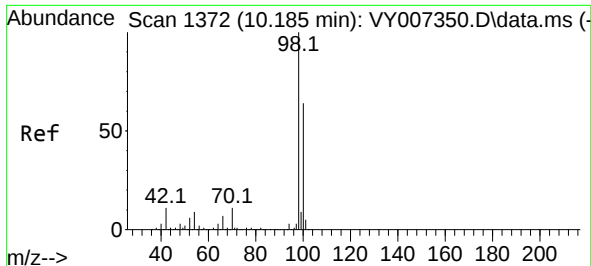
Tgt Ion: 83 Resp: 30602
Ion Ratio Lower Upper
83 100
85 24.0 51.9 77.9#
127 0.0 6.6 10.0#



#48
Methyl methacrylate
Concen: 16.206 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.030 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

Tgt Ion: 41 Resp: 14076
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 28.0 47.4 71.0#

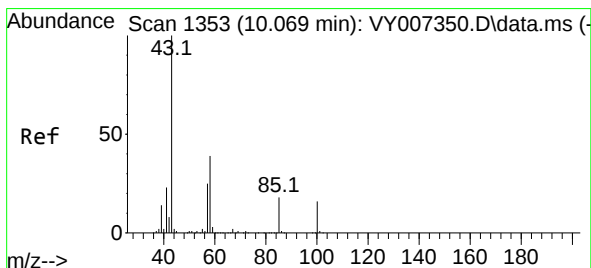
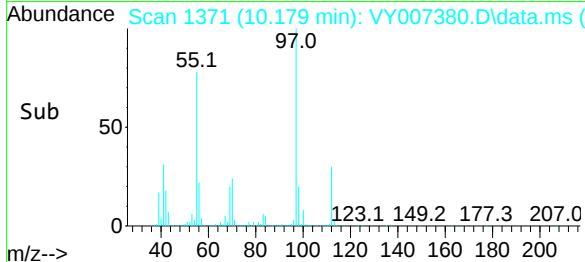
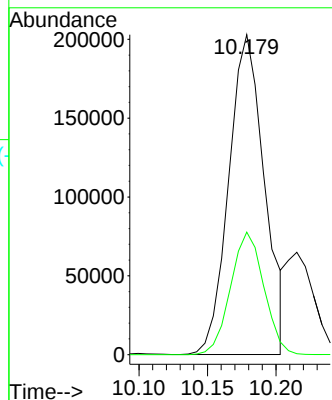
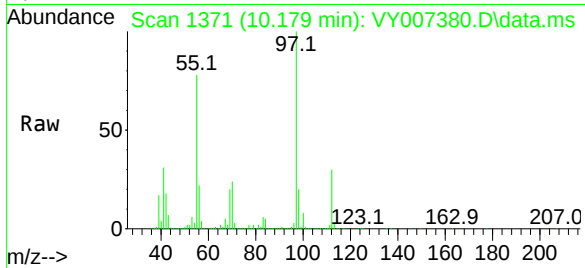




#50
Toluene-d8
Concen: 84.321 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

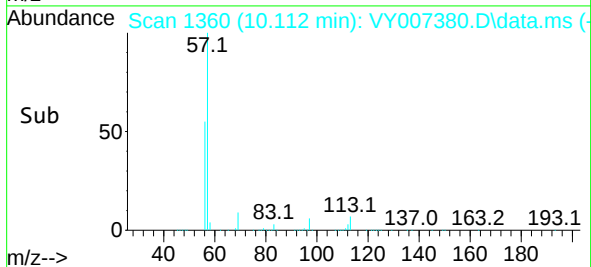
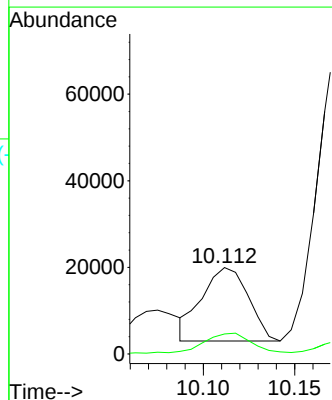
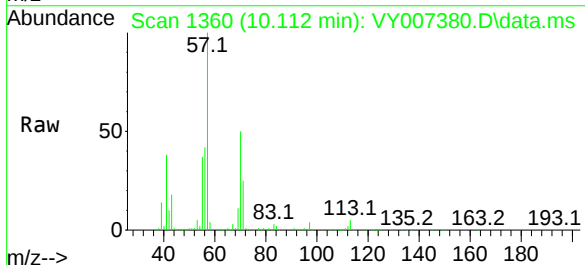
Instrument :
MSVOA_Y
ClientSampleId :

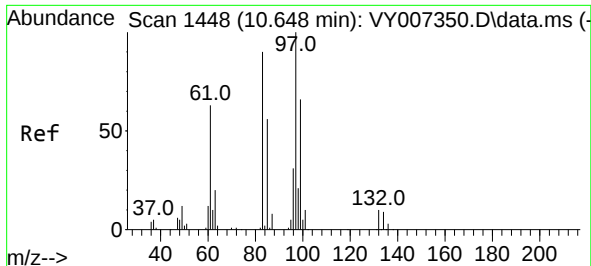
Tgt Ion: 98 Resp: 368097
Ion Ratio Lower Upper
98 100
100 35.8 50.2 75.2#



#51
4-Methyl-2-Pentanone
Concen: 30.798 ug/l
RT: 10.112 min Scan# 1360
Delta R.T. 0.043 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

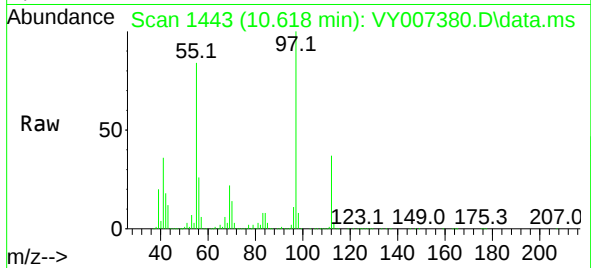
Tgt Ion: 43 Resp: 29999
Ion Ratio Lower Upper
43 100
58 31.3 28.1 42.1



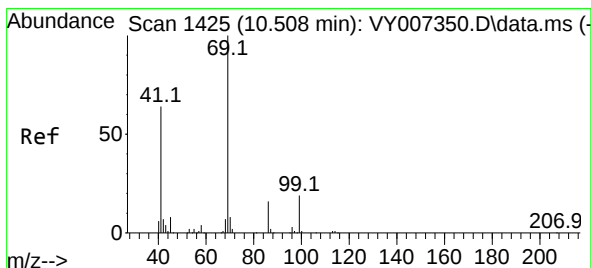
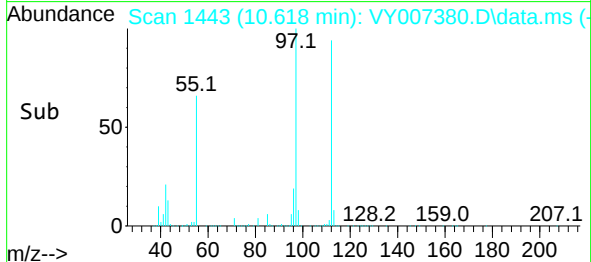
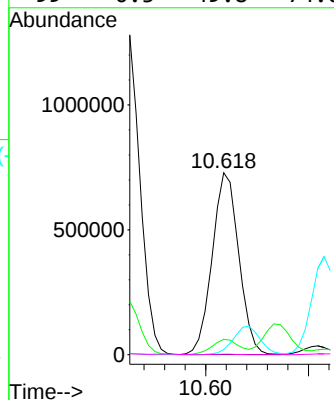


#55
1,1,2-Trichloroethane
Concen: 1234.782 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.031 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :

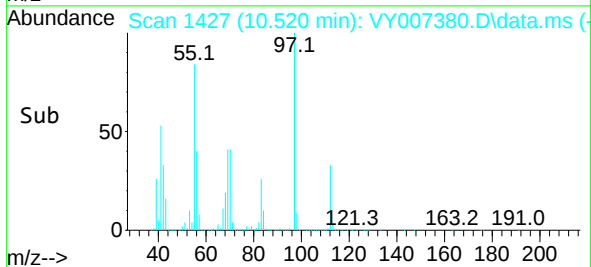
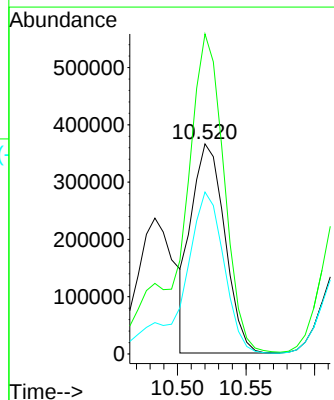
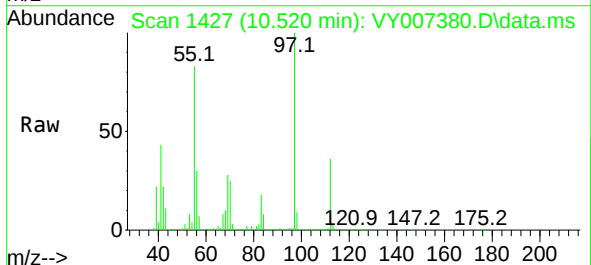


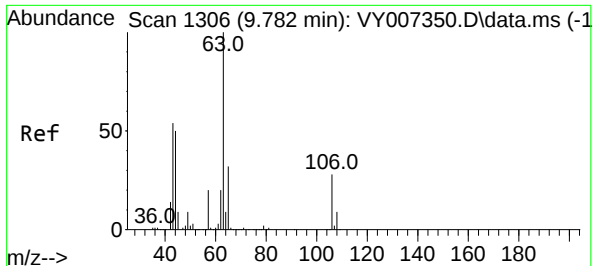
Tgt Ion: 97 Resp: 1302680
Ion Ratio Lower Upper
97 100
83 8.3 69.8 104.8#
85 2.8 44.3 66.5#
99 0.3 49.8 74.6#



#56
Ethyl methacrylate
Concen: 421.145 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

Tgt Ion: 69 Resp: 617115
Ion Ratio Lower Upper
69 100
41 199.2 63.4 95.0#
39 98.4 35.8 53.8#





#58

2-Chloroethyl Vinyl ether

Concen: 1.265 ug/l

RT: 9.801 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY007380.D

Acq: 03 Feb 2022 16:51

Instrument :

MSVOA_Y

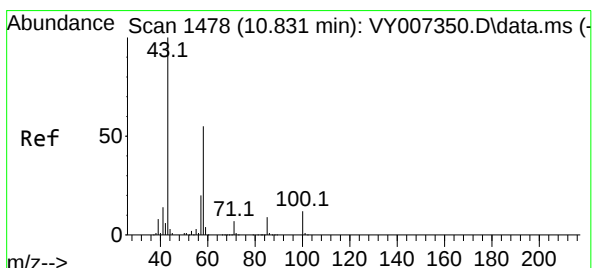
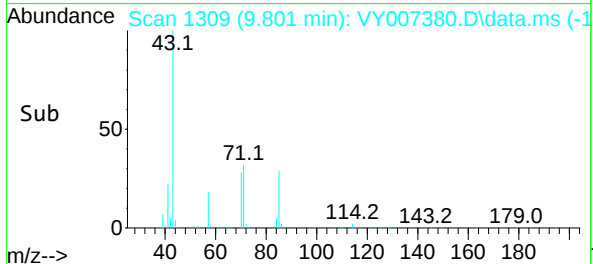
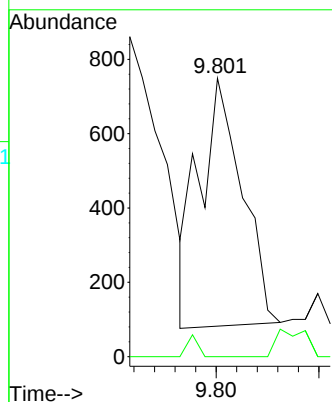
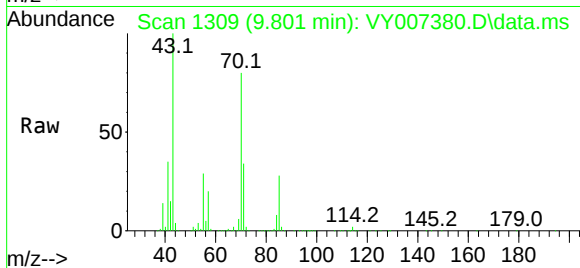
ClientSampleId :

Tgt Ion: 63 Resp: 964

Ion Ratio Lower Upper

63 100

106 2.3 21.5 32.3#



#59

2-Hexanone

Concen: 5520.872 ug/l

RT: 10.807 min Scan# 1474

Delta R.T. -0.025 min

Lab File: VY007380.D

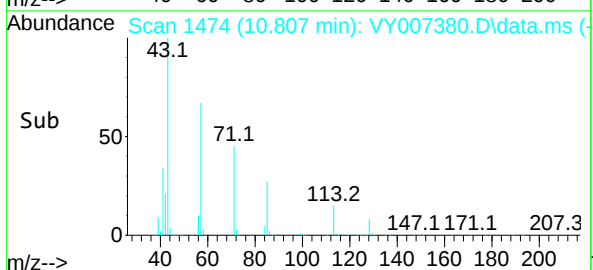
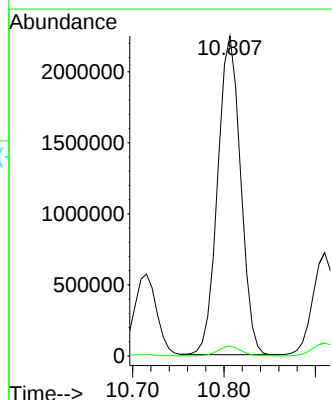
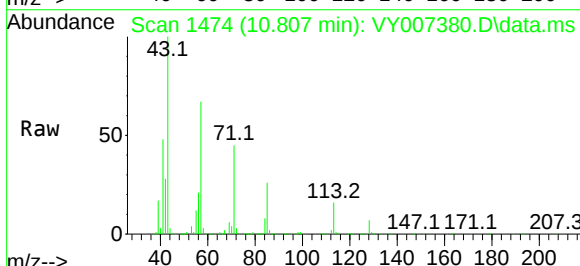
Acq: 03 Feb 2022 16:51

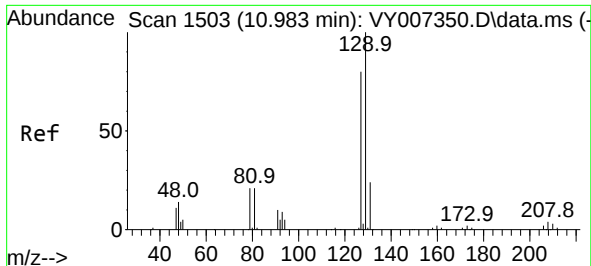
Tgt Ion: 43 Resp: 3920538

Ion Ratio Lower Upper

43 100

58 3.1 24.4 73.4#

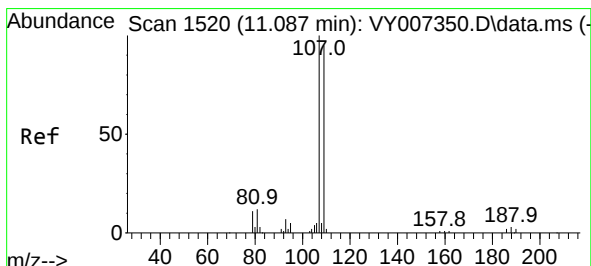
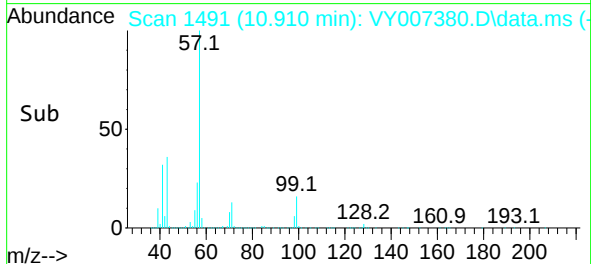
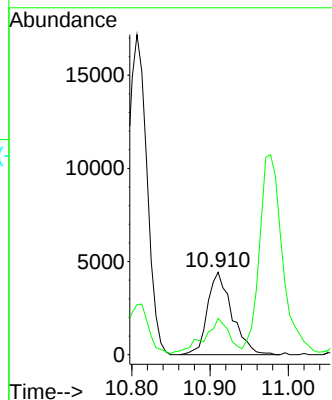
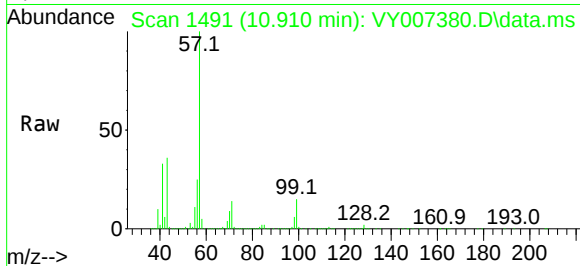




#60
Dibromochloromethane
Concen: 7.331 ug/l
RT: 10.910 min Scan# 1491
Delta R.T. -0.073 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

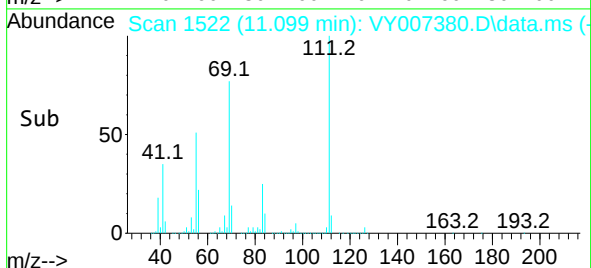
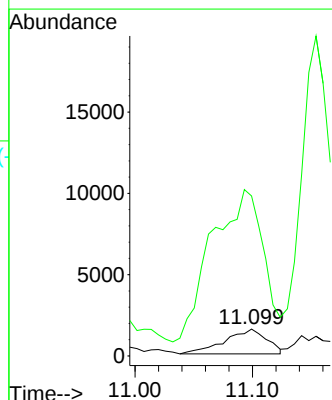
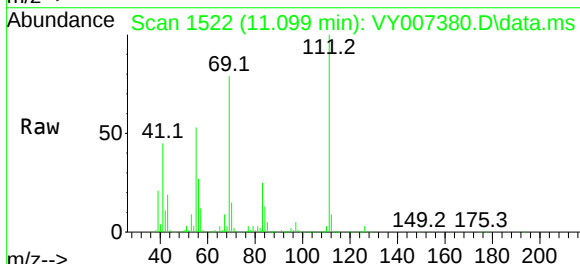
Instrument :
MSVOA_Y
ClientSampleId :

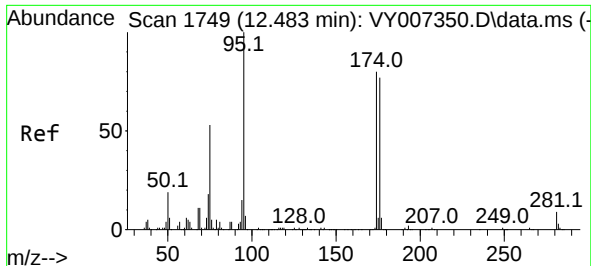
Tgt Ion:129 Resp: 9629
Ion Ratio Lower Upper
129 100
127 43.6 38.7 116.1



#61
1,2-Dibromoethane
Concen: 3.626 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.012 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

Tgt Ion:107 Resp: 3785
Ion Ratio Lower Upper
107 100
109 756.1 75.4 113.2#

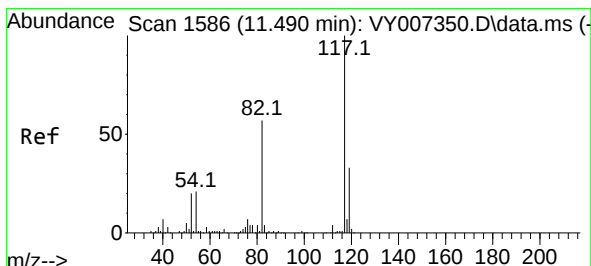
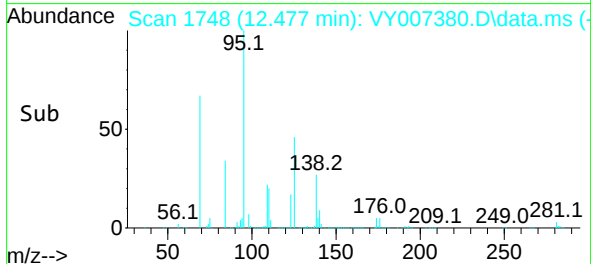
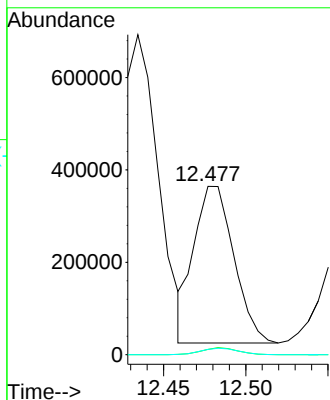
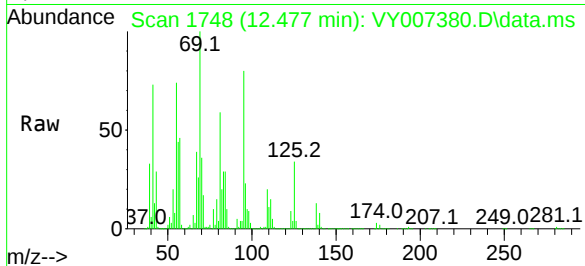




#62
4-Bromofluorobenzene
Concen: 387.834 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

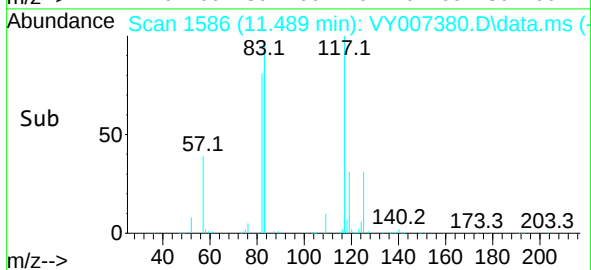
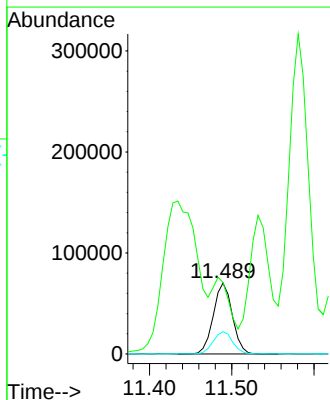
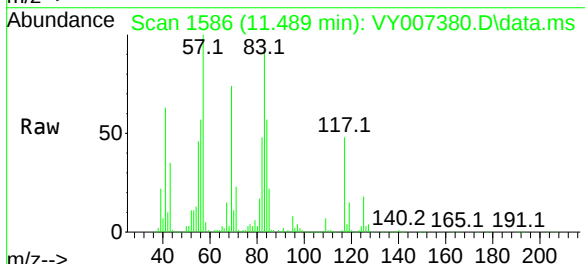
Instrument :
MSVOA_Y
ClientSampleId :

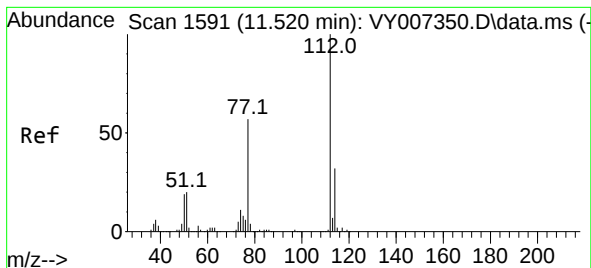
Tgt Ion: 95 Resp: 575453
Ion Ratio Lower Upper
95 100
174 4.0 0.0 177.0
176 3.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

Tgt Ion: 117 Resp: 112527
Ion Ratio Lower Upper
117 100
82 33.4 43.0 64.4#
119 31.1 25.4 38.0

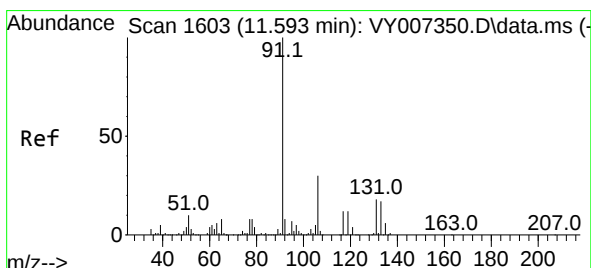
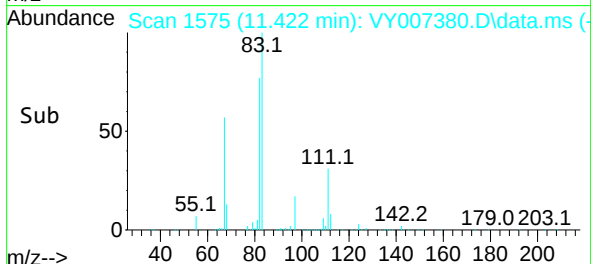
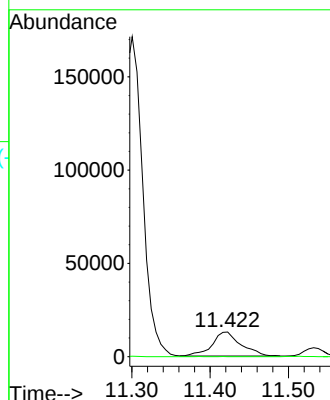
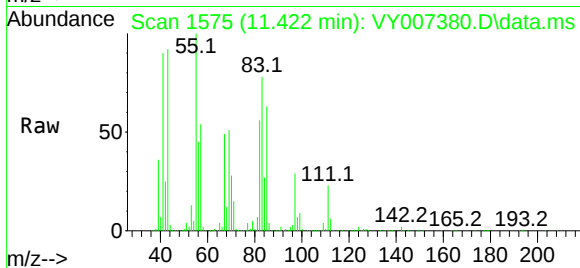




#65
Chlorobenzene
Concen: 13.173 ug/l
RT: 11.422 min Scan# 11
Delta R.T. -0.098 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

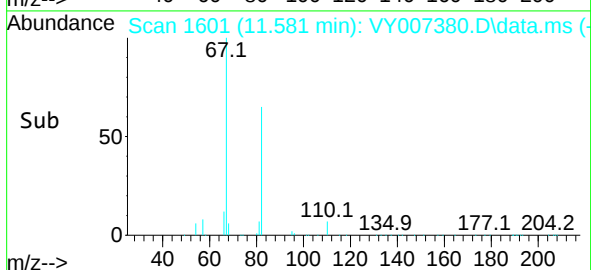
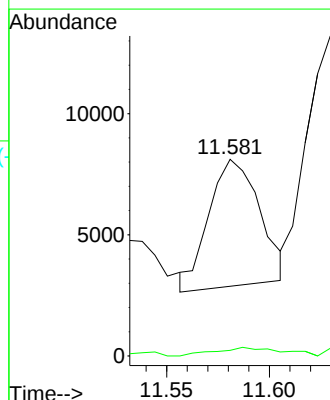
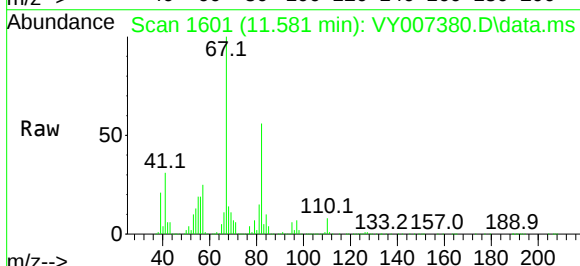
Instrument :
MSVOA_Y
ClientSampleId :

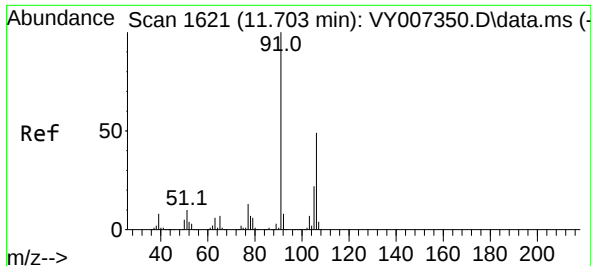
Tgt Ion:112 Resp: 32975
Ion Ratio Lower Upper
112 100
114 0.0 25.8 38.6#



#67
Ethyl Benzene
Concen: 1.901 ug/l
RT: 11.581 min Scan# 1601
Delta R.T. -0.012 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

Tgt Ion: 91 Resp: 9031
Ion Ratio Lower Upper
91 100
106 5.0 24.5 36.7#

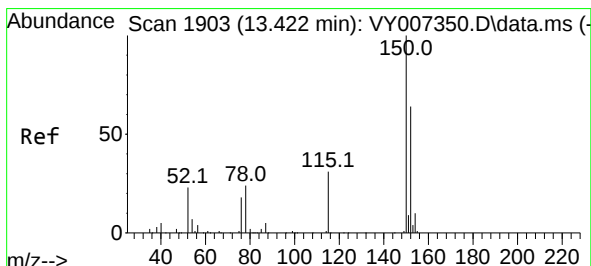
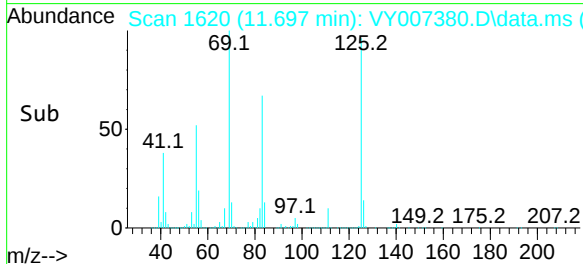
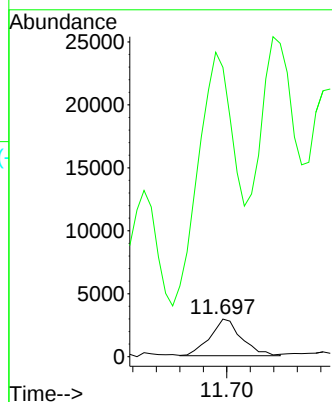
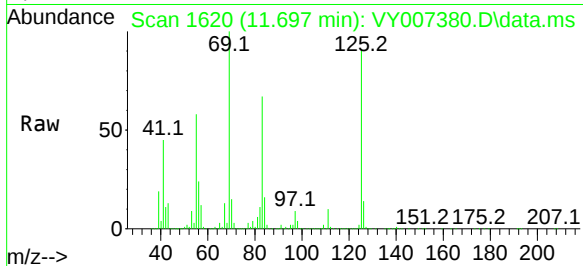




#68
m/p-Xylenes
Concen: 3.090 ug/l
RT: 11.697 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

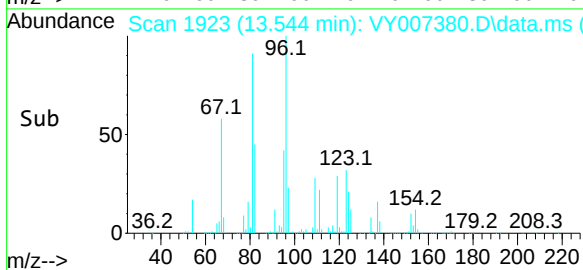
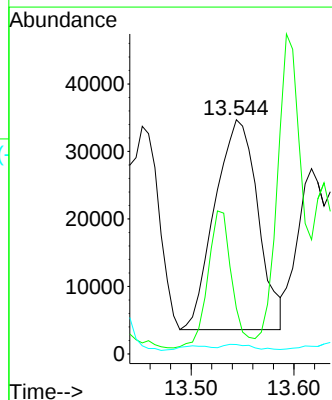
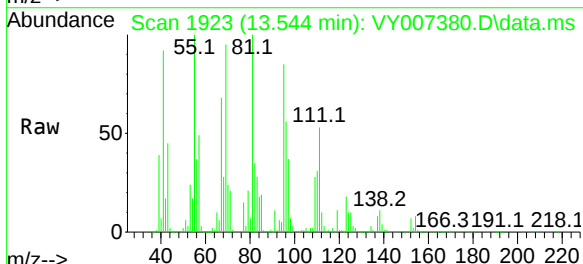
Instrument :
MSVOA_Y
ClientSampleId :

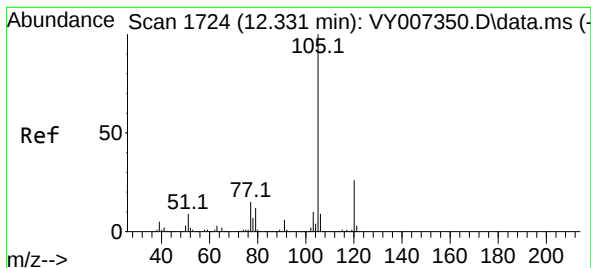
Tgt Ion:106 Resp: 5437
Ion Ratio Lower Upper
106 100
91 861.8 166.6 249.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.544 min Scan# 1923
Delta R.T. 0.122 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

Tgt Ion:152 Resp: 90869
Ion Ratio Lower Upper
152 100
115 36.3 28.2 84.7
150 1.5 0.0 347.6





#73

Isopropylbenzene

Concen: 128.288 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY007380.D

Acq: 03 Feb 2022 16:51

Instrument :

MSVOA_Y

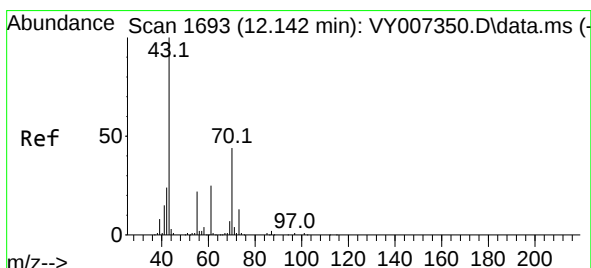
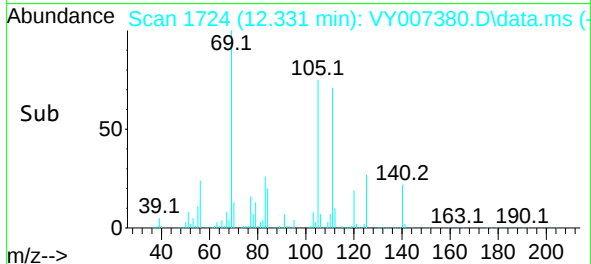
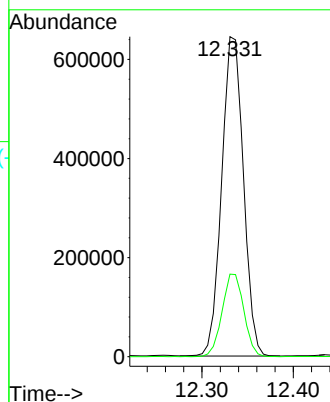
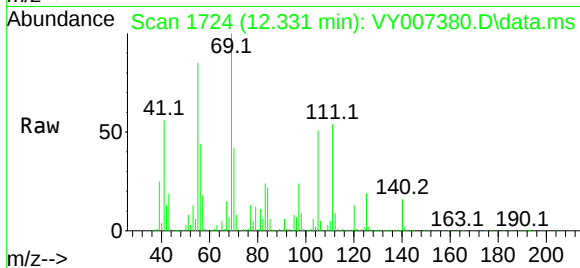
ClientSampleId :

Tgt Ion:105 Resp: 1065392

Ion Ratio Lower Upper

105 100

120 25.8 13.4 40.2



#74

N-ethyl acetate

Concen: 2318.998 ug/l

RT: 12.136 min Scan# 1692

Delta R.T. -0.006 min

Lab File: VY007380.D

Acq: 03 Feb 2022 16:51

Tgt Ion: 43 Resp: 4767026

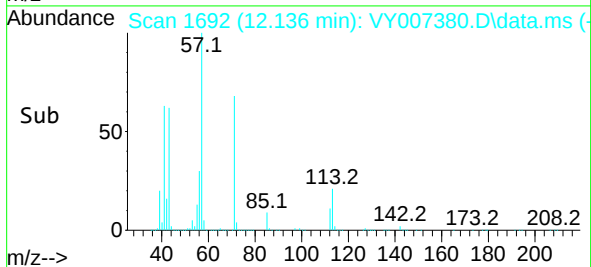
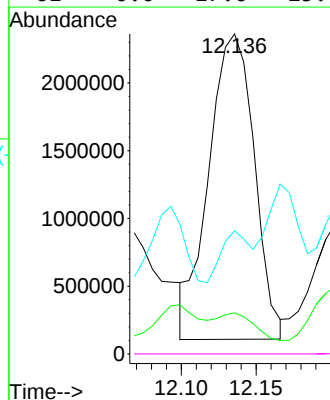
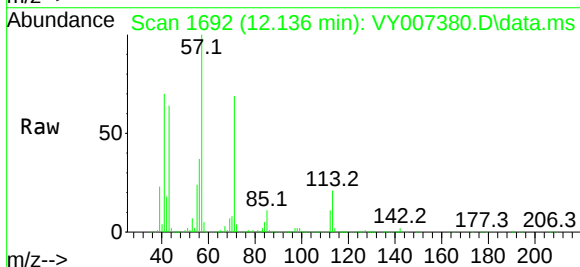
Ion Ratio Lower Upper

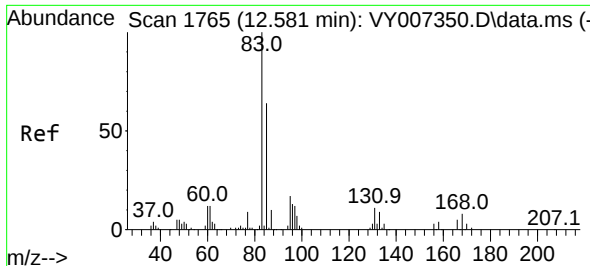
43 100

70 0.0 28.7 43.1#

55 21.3 17.3 25.9

61 0.0 17.0 25.6#

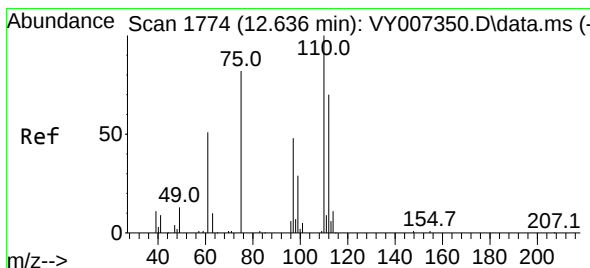
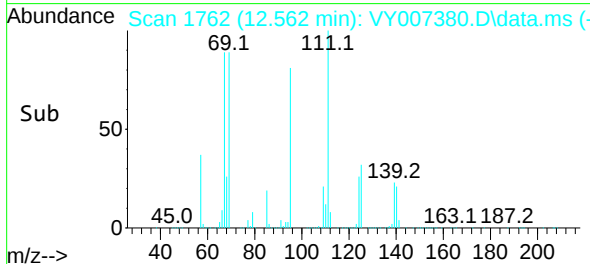
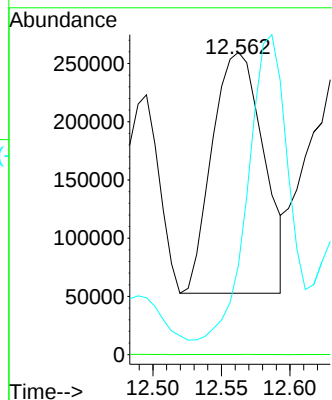
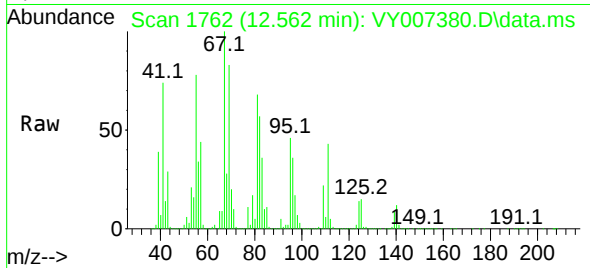




#75
1,1,2,2-Tetrachloroethane
Concen: 355.542 ug/l
RT: 12.562 min Scan# 1762
Delta R.T. -0.018 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

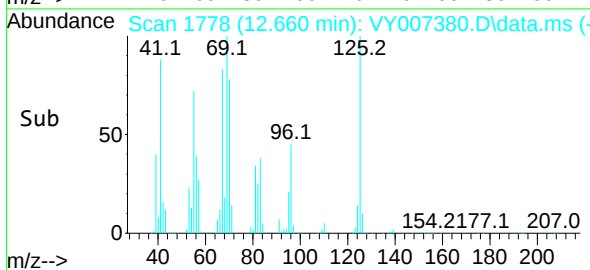
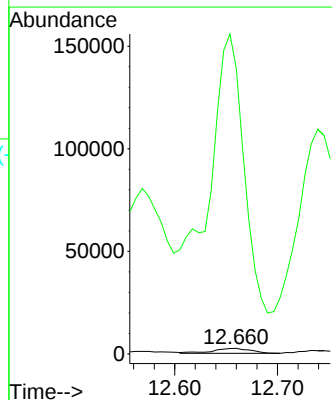
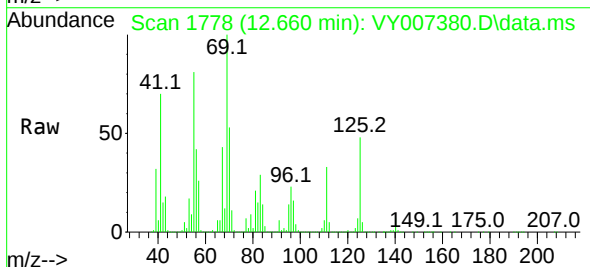
Instrument :
MSVOA_Y
ClientSampleId :

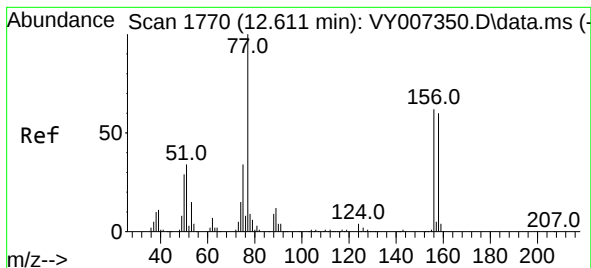
Tgt Ion: 83 Resp: 539215
Ion Ratio Lower Upper
83 100
131 0.1 5.6 16.8#
85 0.0 32.3 96.8#



#76
1,2,3-Trichloropropane
Concen: 5.577 ug/l
RT: 12.660 min Scan# 1778
Delta R.T. 0.024 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

Tgt Ion: 75 Resp: 6025
Ion Ratio Lower Upper
75 100
77 5167.0 0.0 0.0#





#77

Bromobenzene

Concen: 6.334 ug/l

RT: 12.593 min Scan# 11081

Delta R.T. -0.018 min

Lab File: VY007380.D

Acq: 03 Feb 2022 16:51

Instrument :

MSVOA_Y

ClientSampleId :

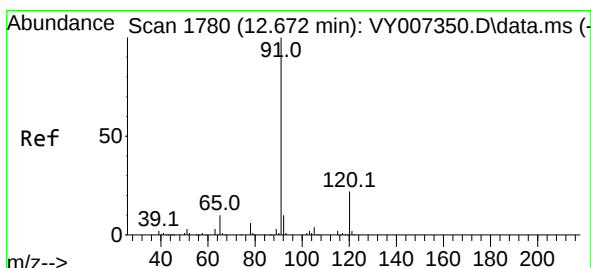
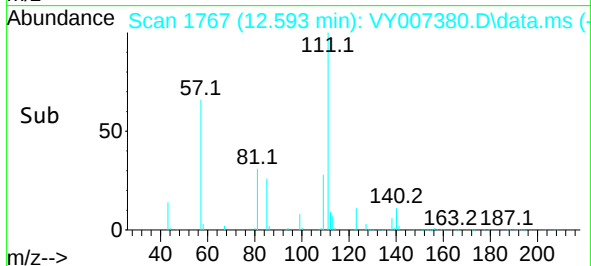
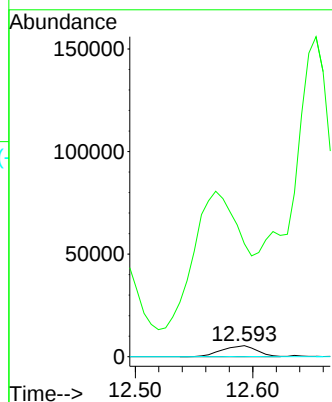
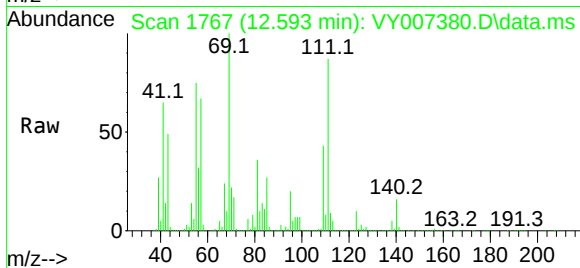
Tgt Ion:156 Resp: 11081

Ion Ratio Lower Upper

156 100

77 0.0 95.5 286.4#

158 0.6 48.0 144.0#



#78

n-propylbenzene

Concen: 35.266 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY007380.D

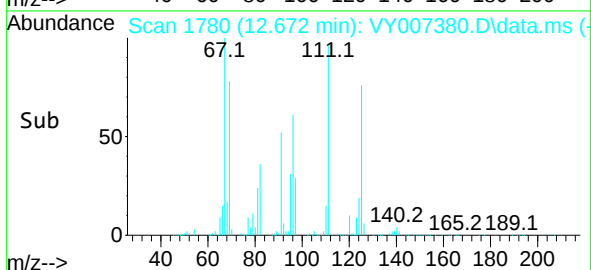
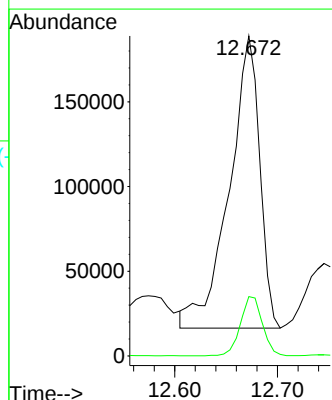
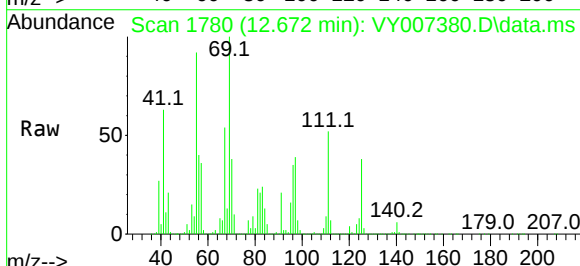
Acq: 03 Feb 2022 16:51

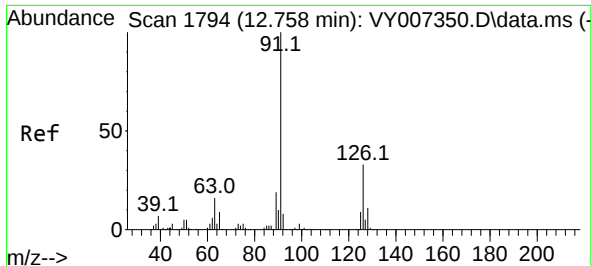
Tgt Ion: 91 Resp: 354744

Ion Ratio Lower Upper

91 100

120 14.7 11.3 33.9

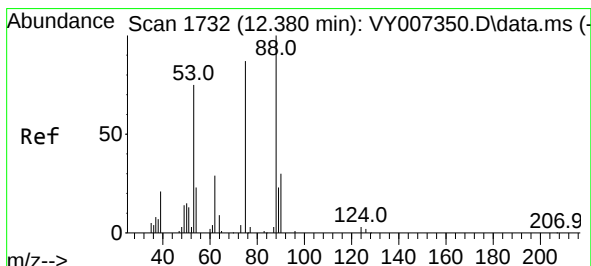
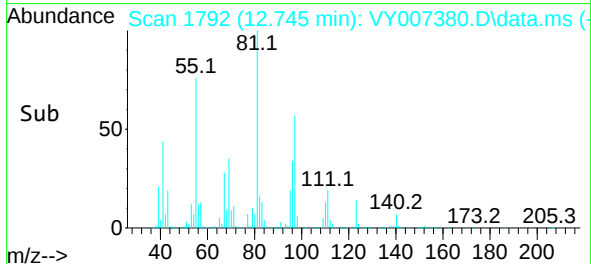
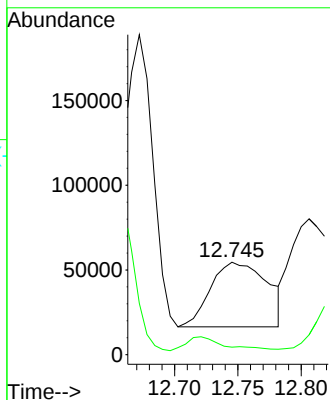
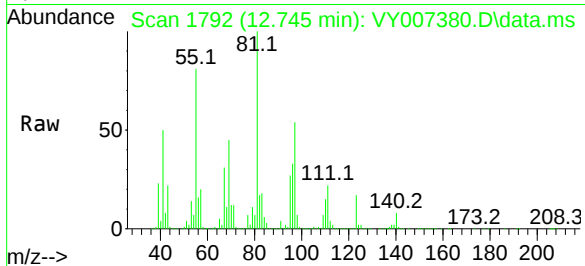




#79
2-Chlorotoluene
Concen: 21.323 ug/l
RT: 12.745 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

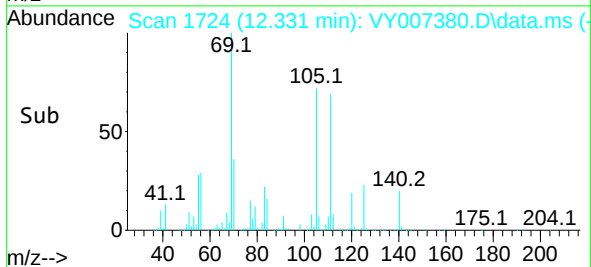
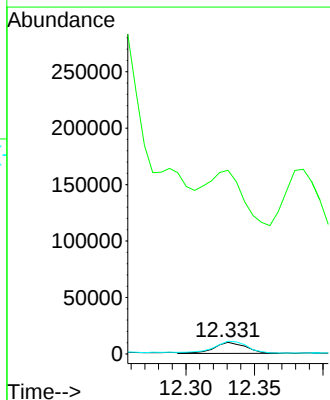
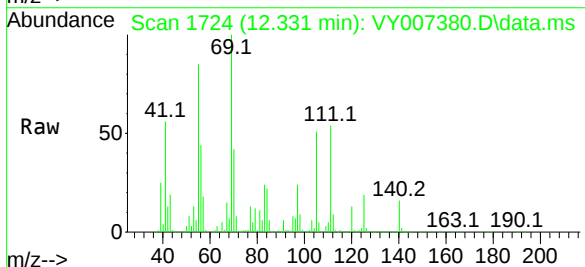
Instrument :
MSVOA_Y
ClientSampleId :

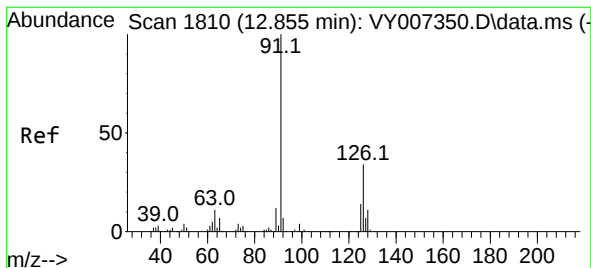
Tgt Ion: 91 Resp: 118752
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 29.258 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.049 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

Tgt Ion: 75 Resp: 15776
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 112.0 37.0 55.4#

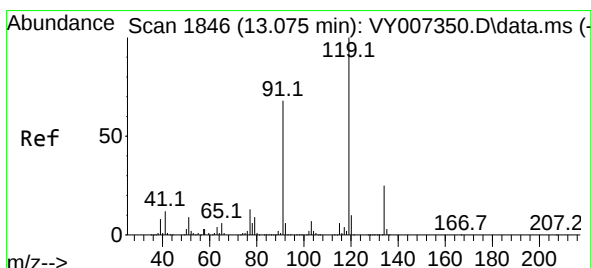
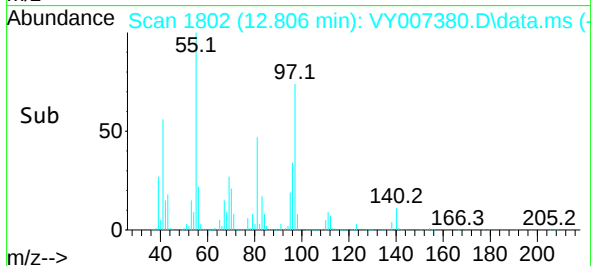
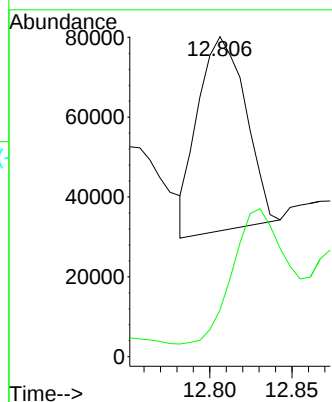
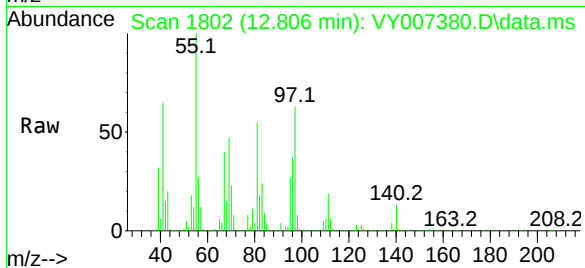




#82
4-Chlorotoluene
Concen: 17.244 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.049 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

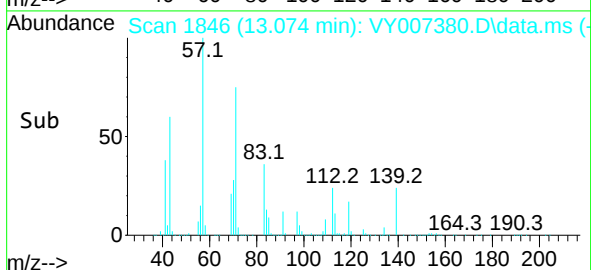
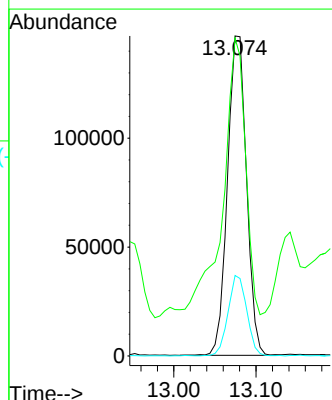
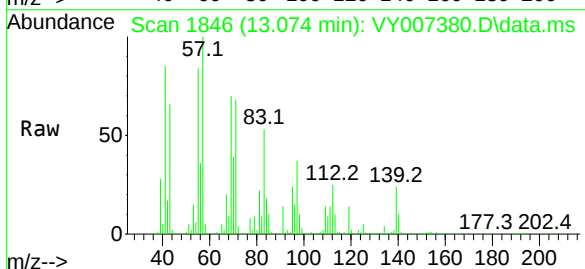
Instrument :
MSVOA_Y
ClientSampleId :

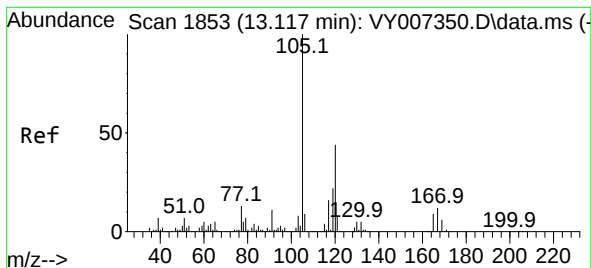
Tgt Ion: 91 Resp: 98636
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#



#83
tert-Butylbenzene
Concen: 40.029 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

Tgt Ion: 119 Resp: 236081
Ion Ratio Lower Upper
119 100
91 102.0 34.8 104.4
134 24.6 13.3 39.9





#84

1,2,4-Trimethylbenzene

Concen: 414.402 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.140 min

Lab File: VY007380.D

Acq: 03 Feb 2022 16:51

Instrument :

MSVOA_Y

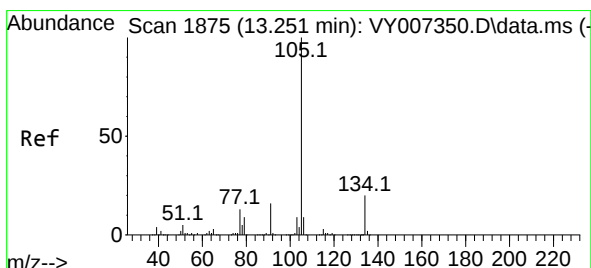
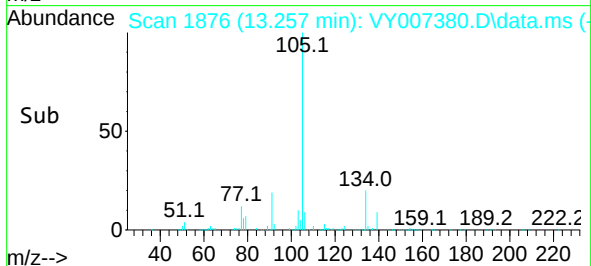
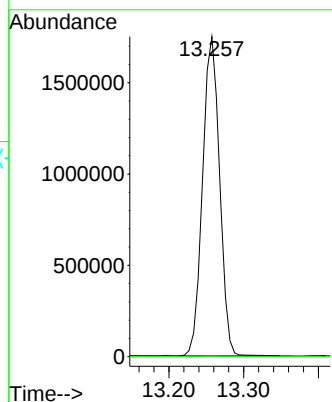
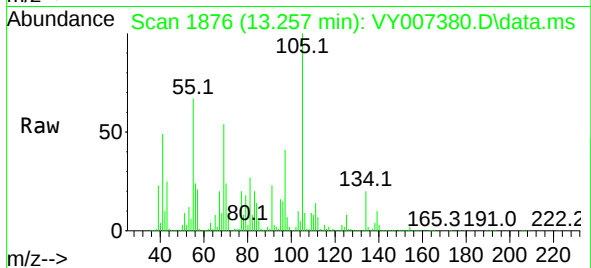
ClientSampleId :

Tgt Ion:105 Resp: 2764263

Ion Ratio Lower Upper

105 100

120 0.2 22.3 66.9#



#85

sec-Butylbenzene

Concen: 312.477 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY007380.D

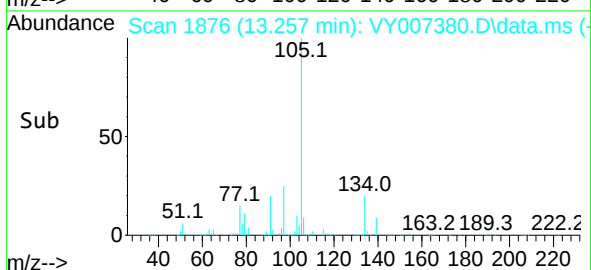
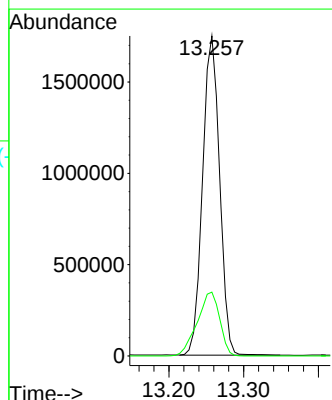
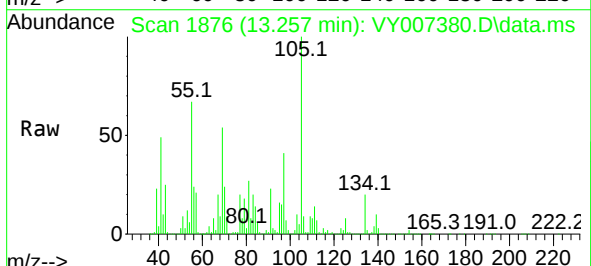
Acq: 03 Feb 2022 16:51

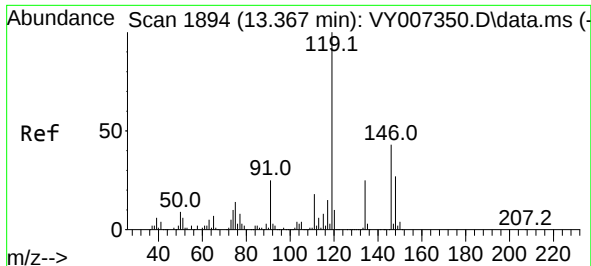
Tgt Ion:105 Resp: 2764263

Ion Ratio Lower Upper

105 100

134 26.4 10.2 30.4

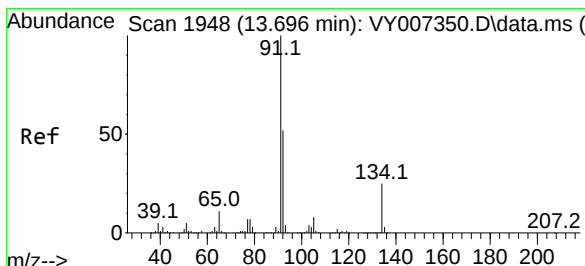
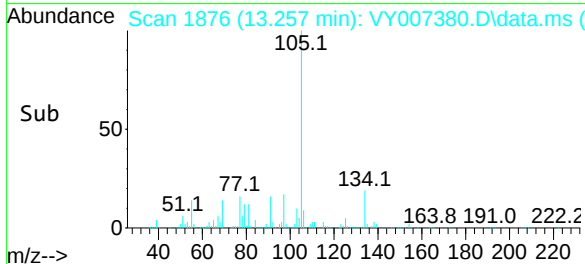
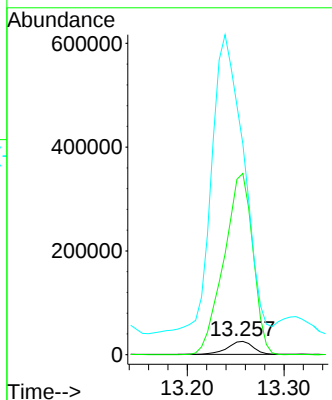
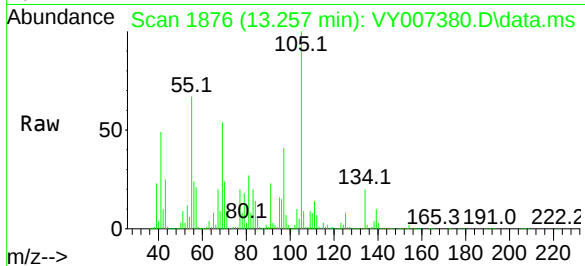




#86
p-Isopropyltoluene
Concen: 6.477 ug/l
RT: 13.257 min Scan# 119
Delta R.T. -0.110 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

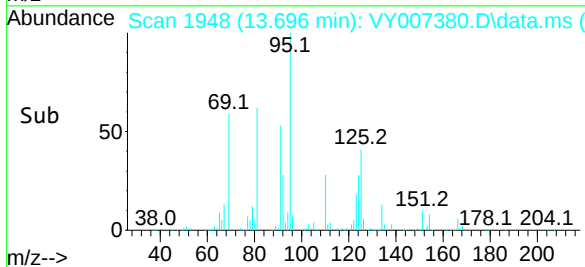
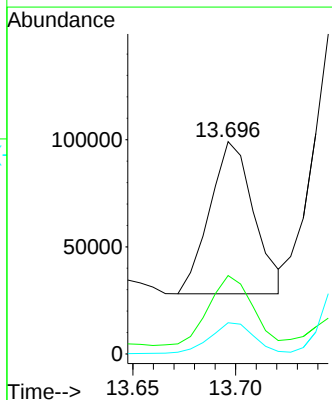
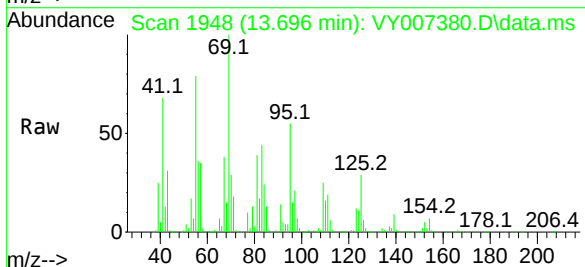
Instrument :
MSVOA_Y
ClientSampleId :

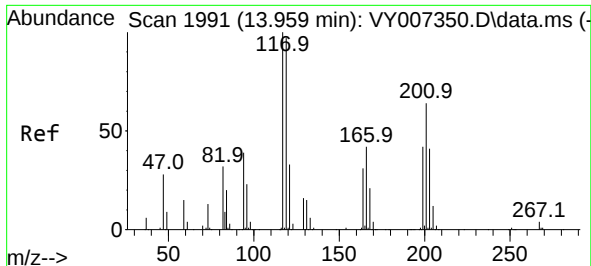
Tgt Ion:119 Resp: 46674
Ion Ratio Lower Upper
119 100
134 1560.9 13.2 39.5#
91 2954.6 12.4 37.2#



#89
n-Butylbenzene
Concen: 15.368 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

Tgt Ion: 91 Resp: 106594
Ion Ratio Lower Upper
91 100
92 47.2 26.3 78.9
134 20.4 13.0 38.9

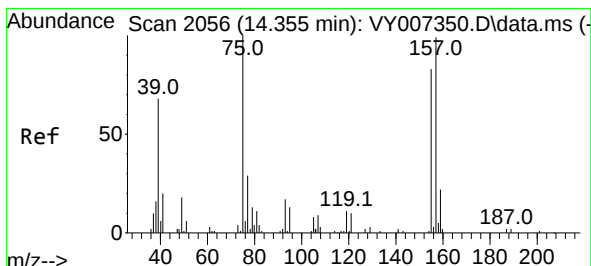
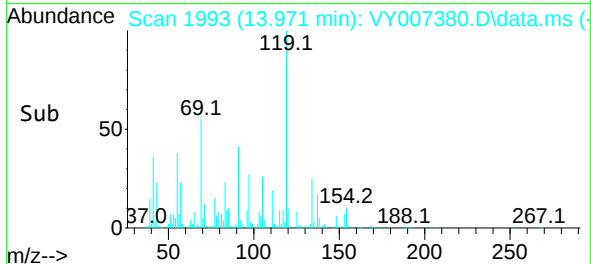
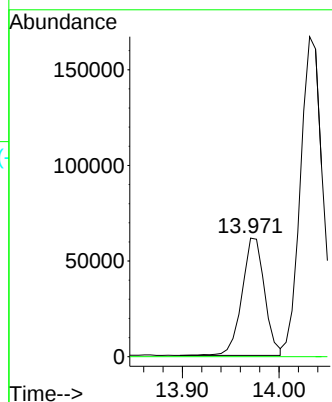
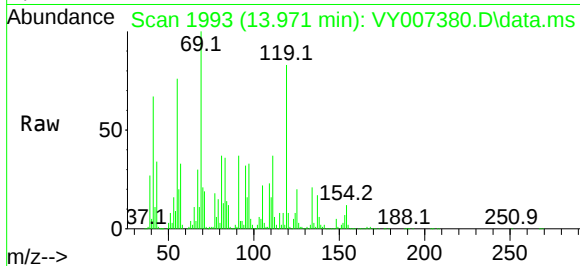




#90
Hexachloroethane
Concen: 72.986 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

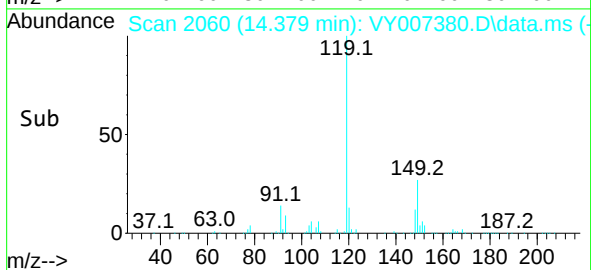
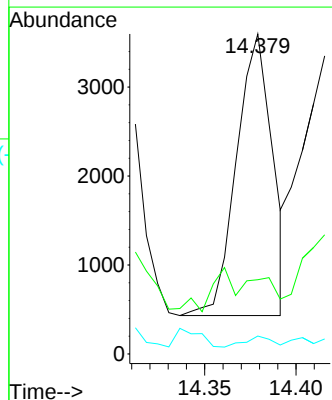
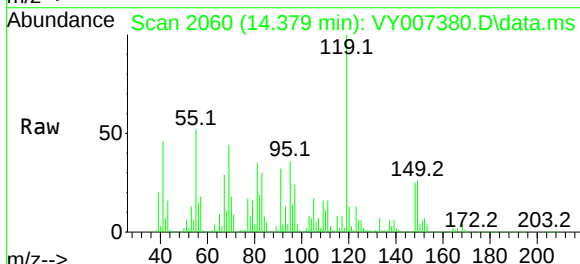
Instrument :
MSVOA_Y
ClientSampleId :

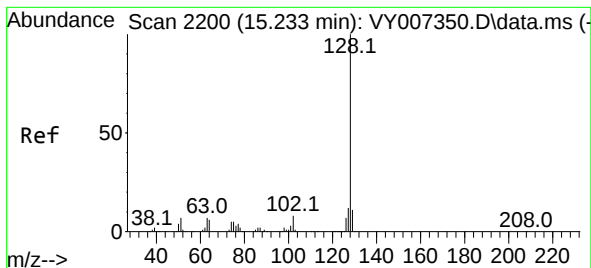
Tgt Ion:117 Resp: 99399
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.541 ug/l
RT: 14.379 min Scan# 2060
Delta R.T. 0.024 min
Lab File: VY007380.D
Acq: 03 Feb 2022 16:51

Tgt Ion: 75 Resp: 4323
Ion Ratio Lower Upper
75 100
155 0.0 38.0 113.9#
157 2.9 47.8 143.3#





#95

Naphthalene

Concen: 2.970 ug/l

RT: 15.196 min Scan# 2194

Delta R.T. -0.037 min

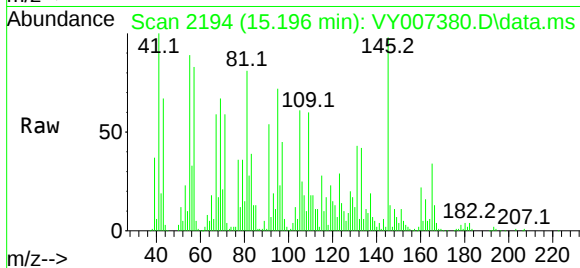
Lab File: VY007380.D

Acq: 03 Feb 2022 16:51

Instrument :

MSVOA_Y

ClientSampleId :



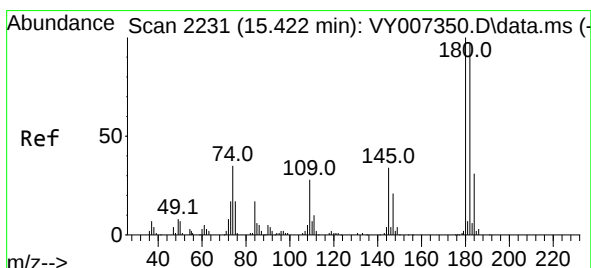
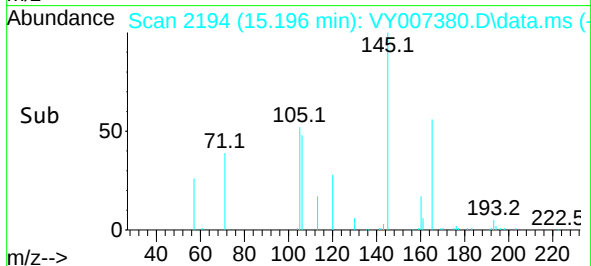
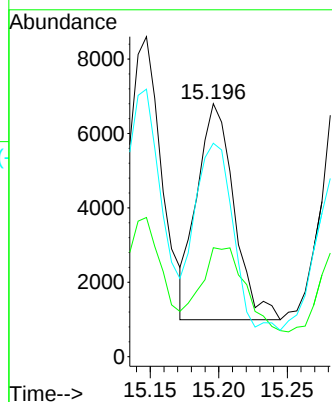
Tgt Ion:128 Resp: 10912

Ion Ratio Lower Upper

128 100

127 46.9 11.0 16.4#

129 88.6 8.4 12.6#



#96

1,2,3-Trichlorobenzene

Concen: 1.447 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.018 min

Lab File: VY007380.D

Acq: 03 Feb 2022 16:51

Tgt Ion:180 Resp: 2159

Ion Ratio Lower Upper

180 100

182 0.0 47.3 141.9#

145 0.0 15.3 45.9#

