

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032222\
 Data File : VY008007.D
 Acq On : 22 Mar 2022 17:52
 Operator : SY/MD
 Sample : N2061-02
 Misc : 5.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RW-1-20220321-19.0-20.0

Quant Time: Mar 23 05:09:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	330022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	535882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	498798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	219366	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	175245	46.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.140%
35) Dibromofluoromethane	7.716	113	161355	42.874	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.740%
50) Toluene-d8	10.179	98	625527	55.727	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.460%
62) 4-Bromofluorobenzene	12.483	95	218602	40.472	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.940%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	79	Below Cal	#	43
3) Chloromethane	2.113	50	949	Below Cal		97
4) Vinyl Chloride	2.272	62	358	Below Cal	#	43
5) Bromomethane	2.662	94	448	Below Cal	#	38
11) Tert butyl alcohol	4.948	59	1383	3.155	ug/l #	77
16) Acetone	3.942	43	25898	25.944	ug/l	95
17) Carbon Disulfide	4.198	76	79054	6.919	ug/l	96
18) Methyl Acetate	4.478	43	1902	Below Cal		92
19) Methyl tert-butyl Ether	5.222	73	38499	3.425	ug/l	98
25) 2-Butanone	6.984	43	8753	5.474	ug/l #	84
29) Tetrahydrofuran	7.356	42	1200	1.171	ug/l #	89
31) Cyclohexane	7.783	56	10301	Below Cal	#	33
36) 1,1-Dichloropropene	7.789	75	22240	3.984	ug/l #	51
37) Ethyl Acetate	6.984	43	8753	2.570	ug/l #	72
38) Carbon Tetrachloride	7.789	117	31717	5.317	ug/l #	16
39) Methylcyclohexane	9.179	83	11125	Below Cal		91
40) Benzene	8.161	78	5430372	332.914	ug/l	97
42) 1,2-Dichloroethane	8.161	62	46051	9.751	ug/l #	79
52) Toluene	10.240	92	102592	9.794	ug/l	95
59) 2-Hexanone	10.800	43	6027	2.436	ug/l #	30
65) Chlorobenzene	11.514	112	169959	14.224	ug/l	99
67) Ethyl Benzene	11.593	91	3851405	180.948	ug/l	96
68) m/p-Xylenes	11.697	106	489477	58.954	ug/l	93
69) o-Xylene	12.026	106	662219	82.457	ug/l	92
70) Styrene	12.026	104	37444	2.773	ug/l #	1
73) Isopropylbenzene	12.331	105	488056	25.276	ug/l	99
74) N-amyl acetate	12.123	43	9006	1.581	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.642	83	8064	1.940	ug/l #	32
76) 1,2,3-Trichloropropane	12.483	75	121050	38.715	ug/l #	100
77) Bromobenzene	12.398	156	10929	2.477	ug/l #	1
78) n-propylbenzene	12.672	91	314287	13.479	ug/l	96
79) 2-Chlorotoluene	12.770	91	46878	3.574	ug/l #	51
80) 1,3,5-Trimethylbenzene	12.812	105	559362	35.226	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.325	75	5523	3.710	ug/l #	38
82) 4-Chlorotoluene	12.812	91	60503	4.440	ug/l #	41
83) tert-Butylbenzene	13.117	119	236627	16.653	ug/l #	69

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

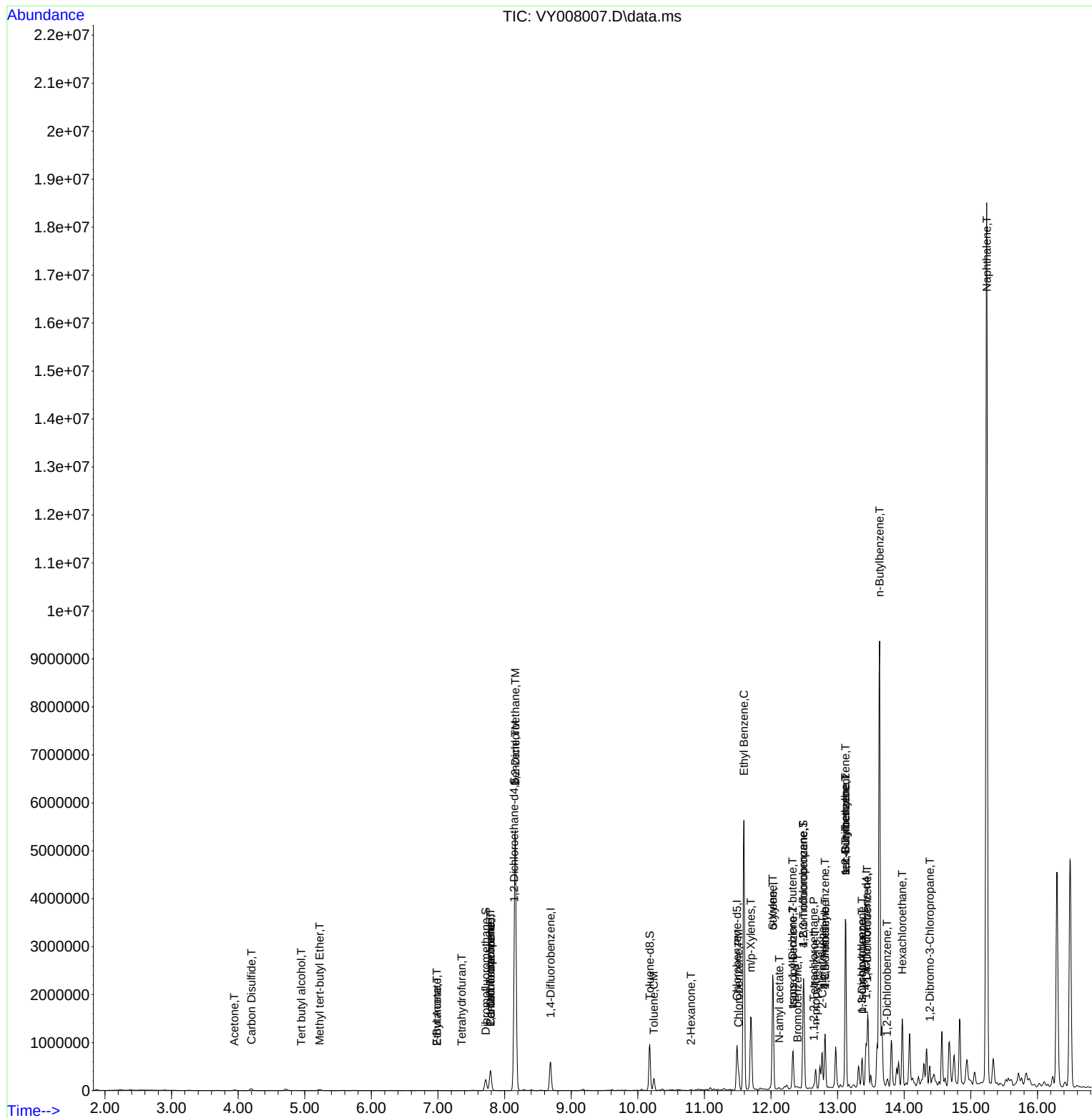
84) 1,2,4-Trimethylbenzene	13.117	105	1915678	123.069	ug/l	97
85) sec-Butylbenzene	13.117	105	1915678	89.957	ug/l #	56
86) p-Isopropyltoluene	13.367	119	199412	11.535	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	82304	9.551	ug/l	90
88) 1,4-Dichlorobenzene	13.446	146	172545	19.977	ug/l	98
89) n-Butylbenzene	13.629	91	853494	51.443	ug/l #	43
90) Hexachloroethane	13.971	117	73916	21.421	ug/l #	6
91) 1,2-Dichlorobenzene	13.739	146	10347	1.335	ug/l #	34
92) 1,2-Dibromo-3-Chloropr...	14.385	75	1514	2.117	ug/l #	8
95) Naphthalene	15.239	128	14352461	1312.851	ug/l #	96

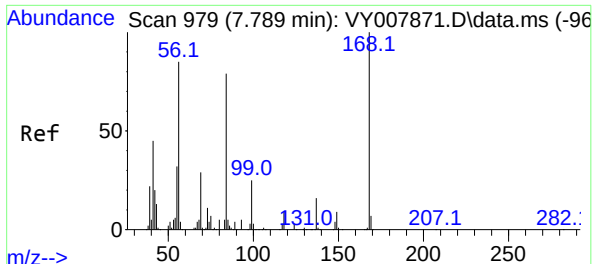
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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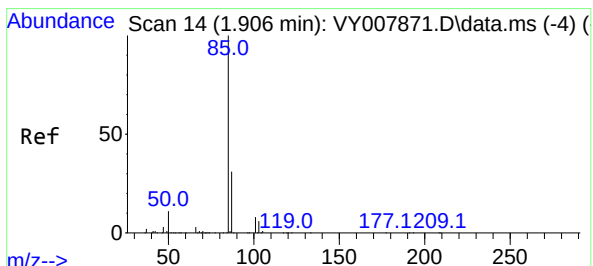
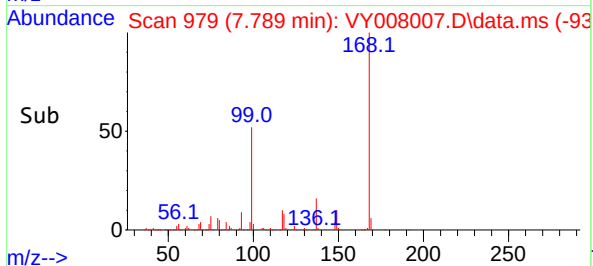
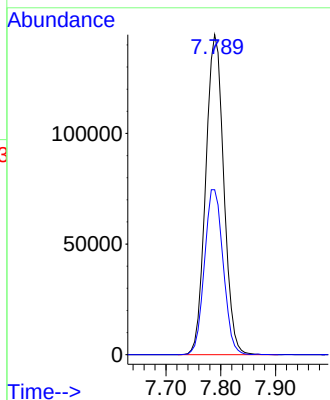
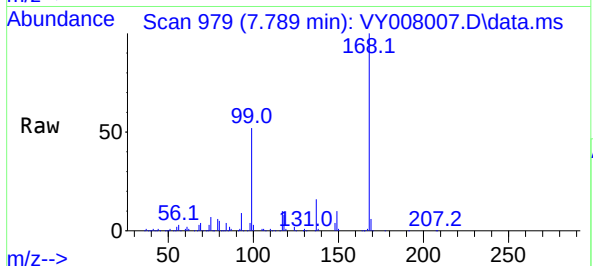




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

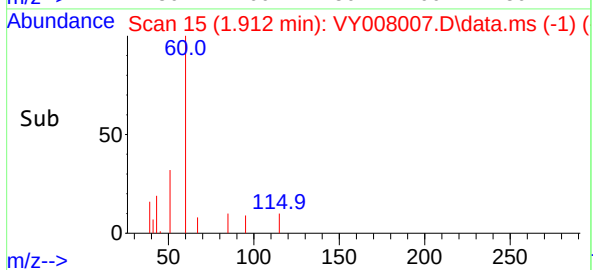
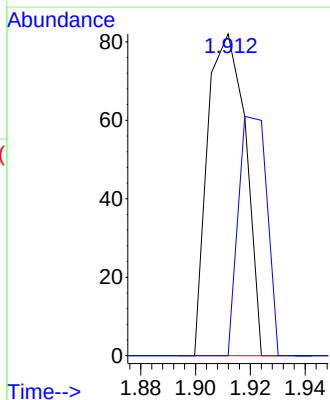
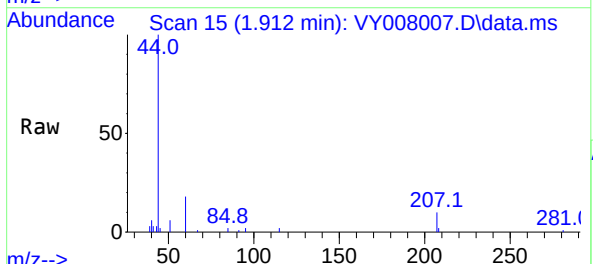
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

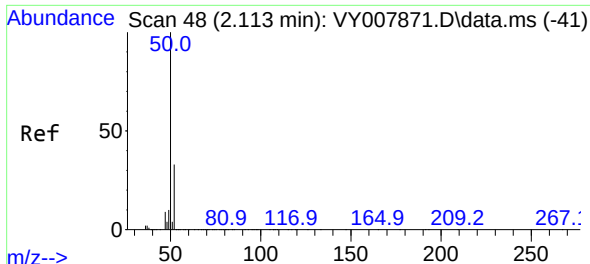
Tgt Ion:168 Resp: 330022
Ion Ratio Lower Upper
168 100
99 51.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

Tgt Ion: 85 Resp: 79
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

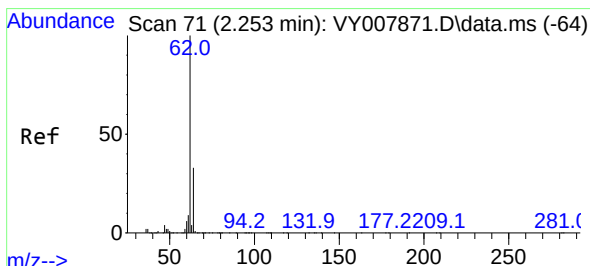
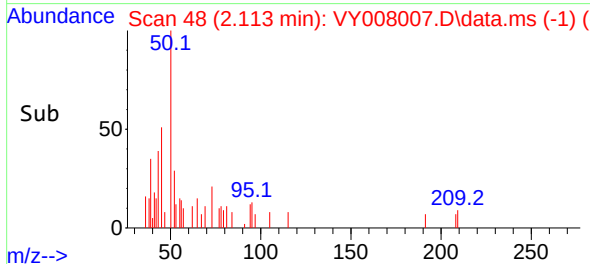
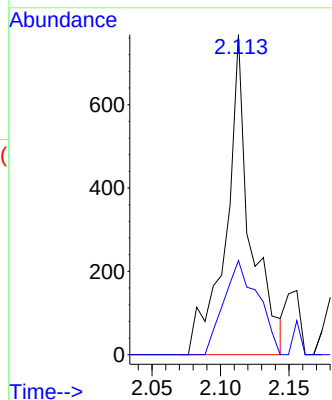
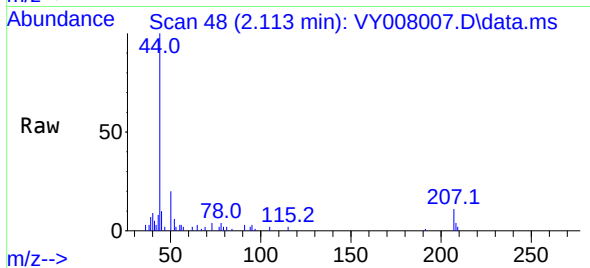




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

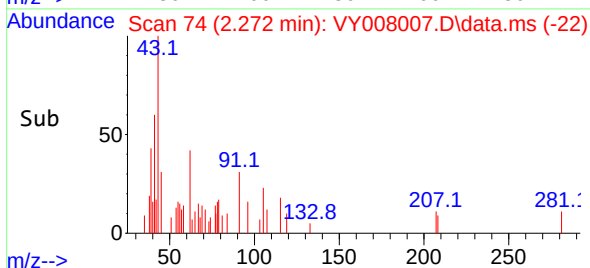
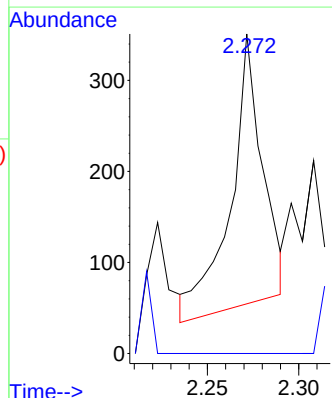
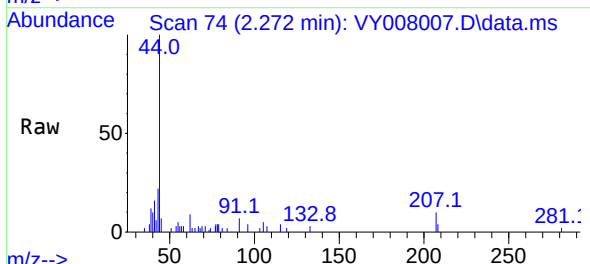
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

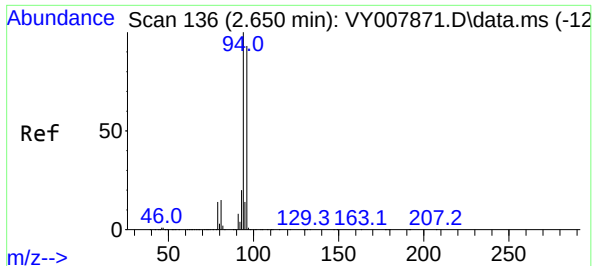
Tgt Ion: 50 Resp: 949
Ion Ratio Lower Upper
50 100
52 29.4 24.6 37.0



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.272 min Scan# 74
Delta R.T. 0.018 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

Tgt Ion: 62 Resp: 358
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

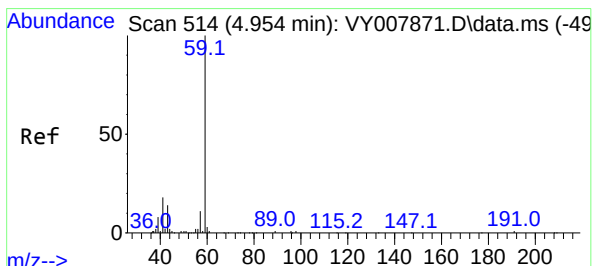
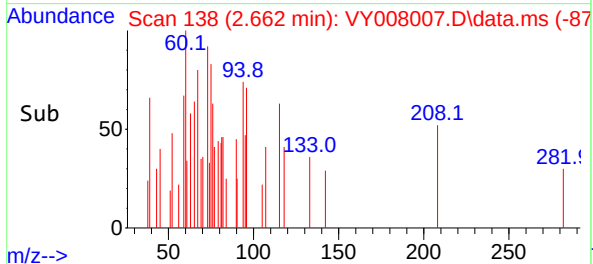
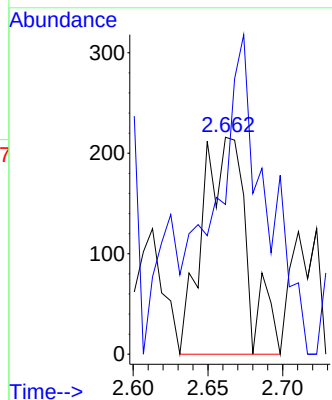
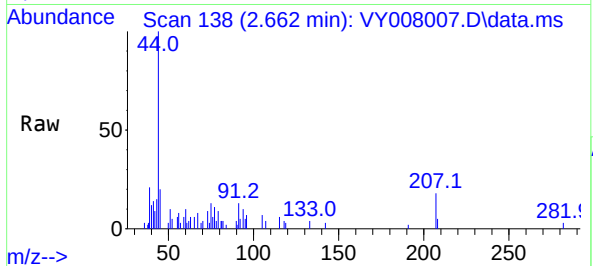




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

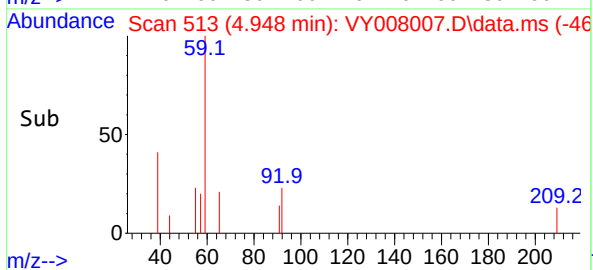
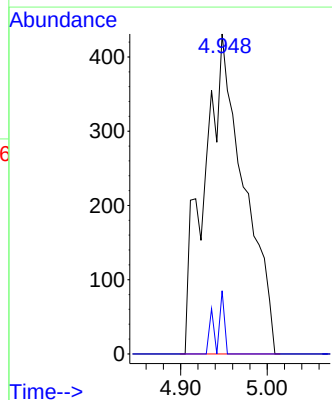
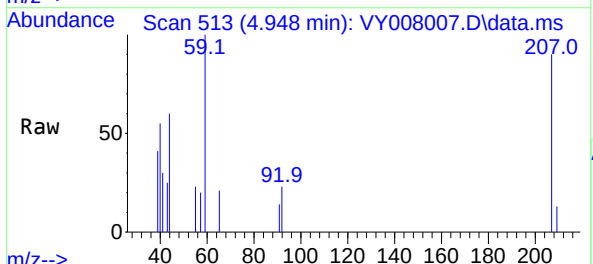
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

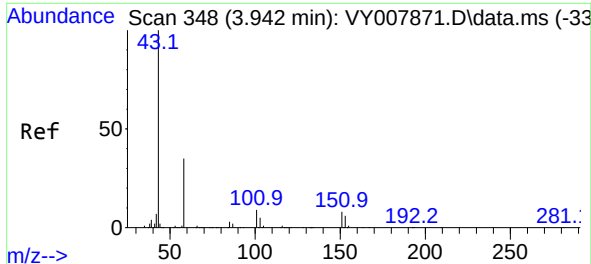
Tgt Ion: 94 Resp: 448
Ion Ratio Lower Upper
94 100
96 32.4 73.5 110.3#



#11
Tert butyl alcohol
Concen: 3.155 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

Tgt Ion: 59 Resp: 1383
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 25.944 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY008007.D

Acq: 22 Mar 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

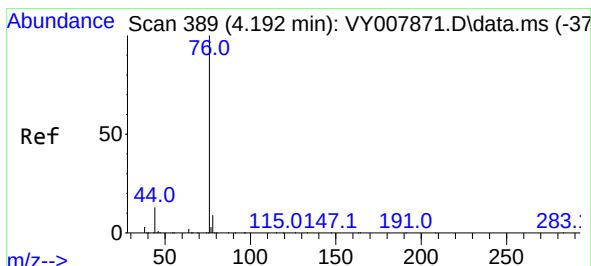
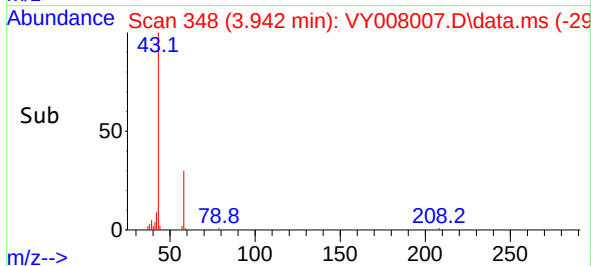
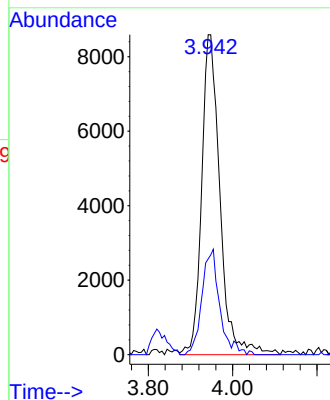
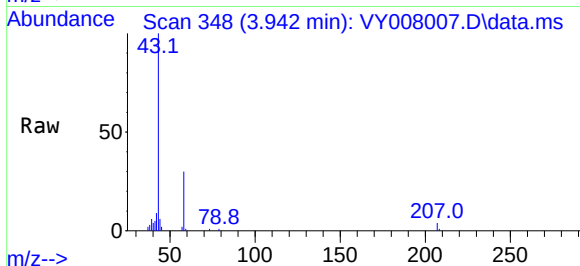
RW-1-20220321-19.0-20.0

Tgt Ion: 43 Resp: 25898

Ion Ratio Lower Upper

43 100

58 29.9 22.0 33.0



#17

Carbon Disulfide

Concen: 6.919 ug/l

RT: 4.198 min Scan# 390

Delta R.T. 0.006 min

Lab File: VY008007.D

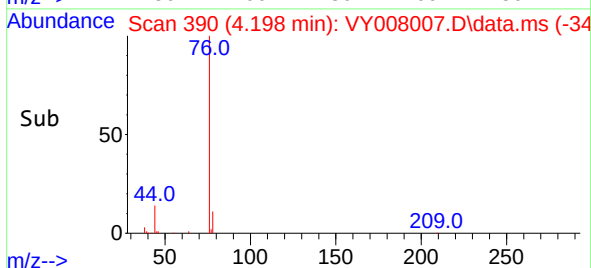
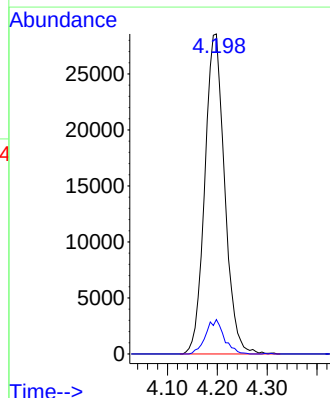
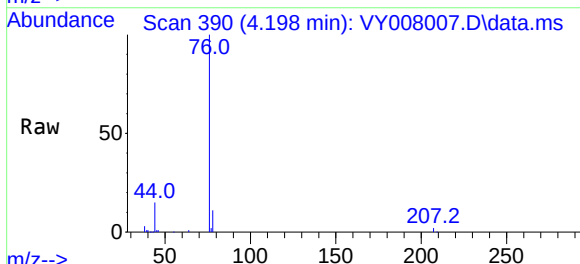
Acq: 22 Mar 2022 17:52

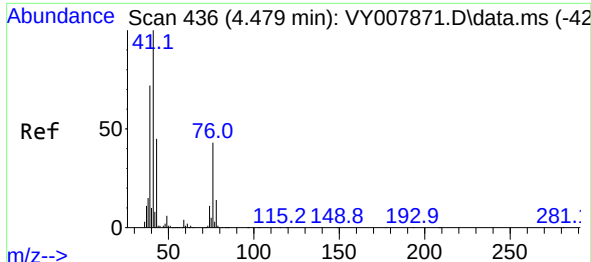
Tgt Ion: 76 Resp: 79054

Ion Ratio Lower Upper

76 100

78 10.8 7.4 11.0





#18

Methyl Acetate

Concen: Below Cal

RT: 4.478 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY008007.D

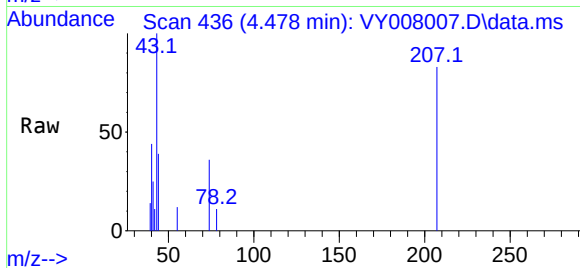
Acq: 22 Mar 2022 17:52

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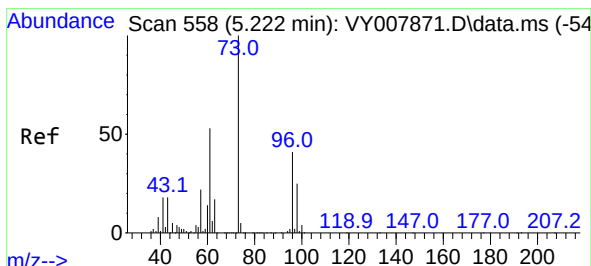
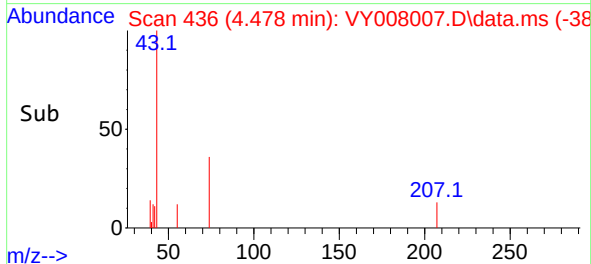
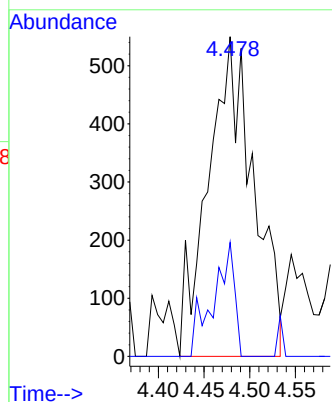


Tgt Ion: 43 Resp: 1902

Ion Ratio Lower Upper

43 100

74 16.9 16.6 24.8



#19

Methyl tert-butyl Ether

Concen: 3.425 ug/l

RT: 5.222 min Scan# 558

Delta R.T. -0.000 min

Lab File: VY008007.D

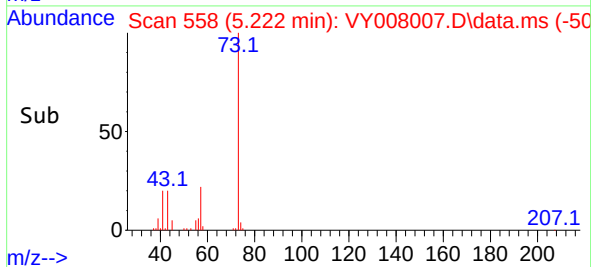
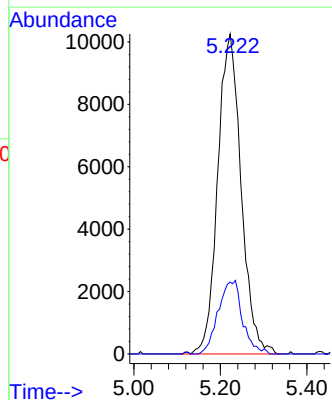
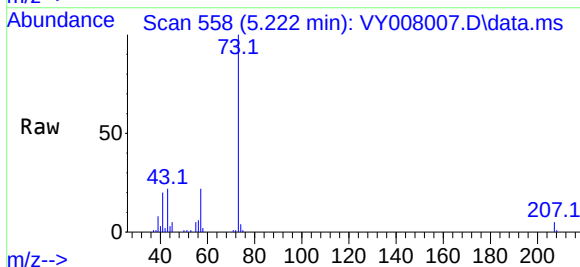
Acq: 22 Mar 2022 17:52

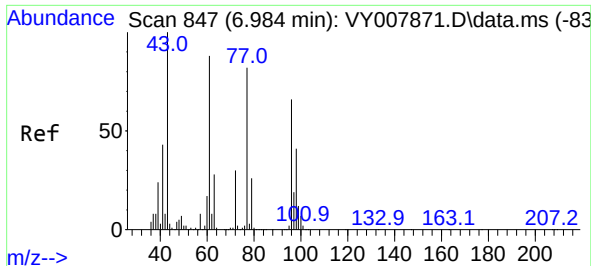
Tgt Ion: 73 Resp: 38499

Ion Ratio Lower Upper

73 100

57 22.5 18.6 27.8





#25

2-Butanone

Concen: 5.474 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY008007.D

Acq: 22 Mar 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

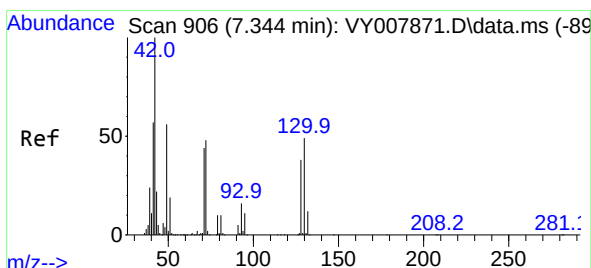
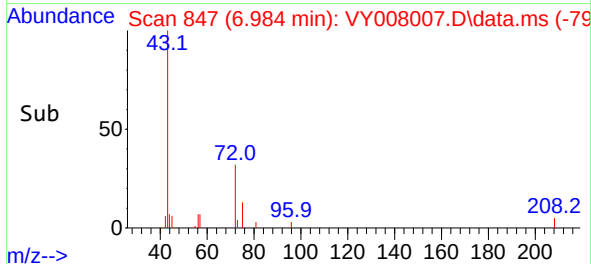
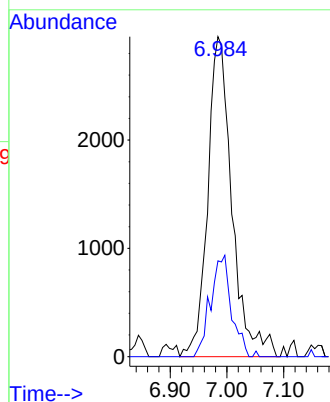
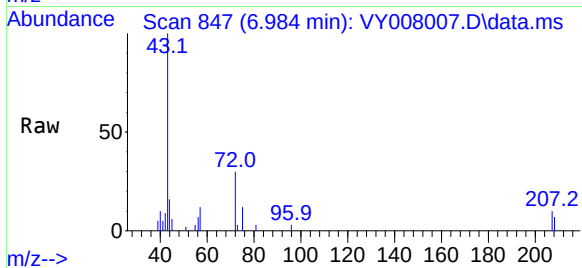
RW-1-20220321-19.0-20.0

Tgt Ion: 43 Resp: 8753

Ion Ratio Lower Upper

43 100

72 29.9 17.7 26.5#



#29

Tetrahydrofuran

Concen: 1.171 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.012 min

Lab File: VY008007.D

Acq: 22 Mar 2022 17:52

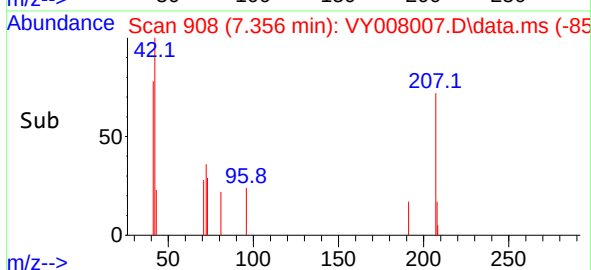
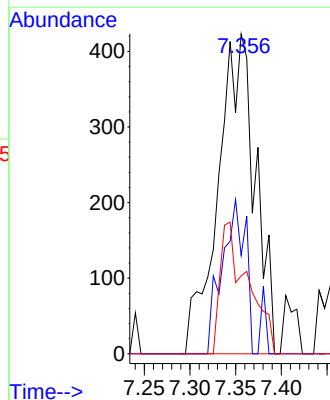
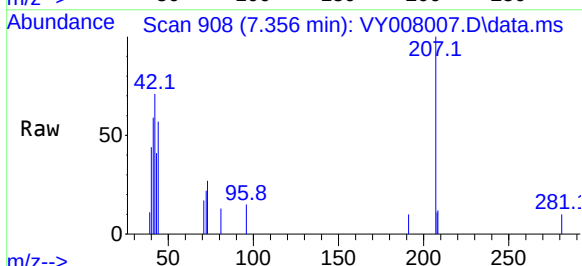
Tgt Ion: 42 Resp: 1200

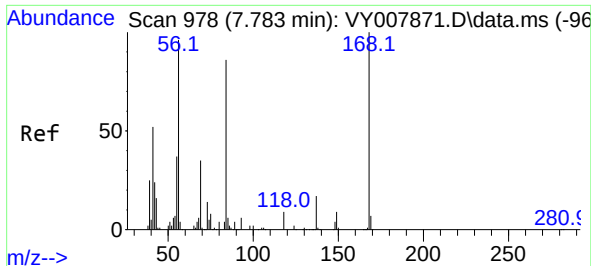
Ion Ratio Lower Upper

42 100

72 30.1 30.3 45.5#

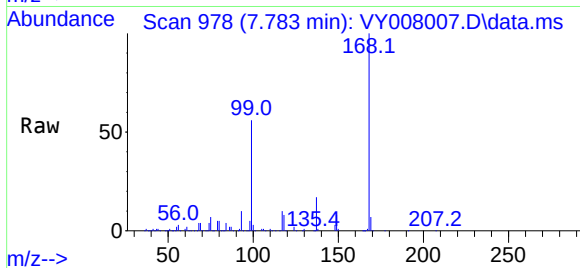
71 30.3 29.0 43.4



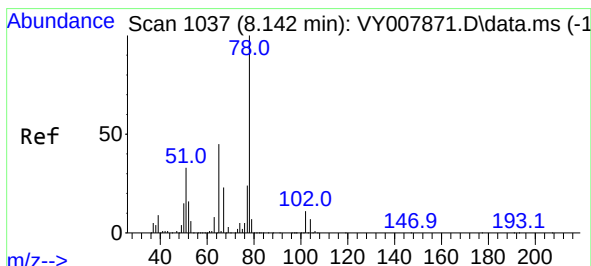
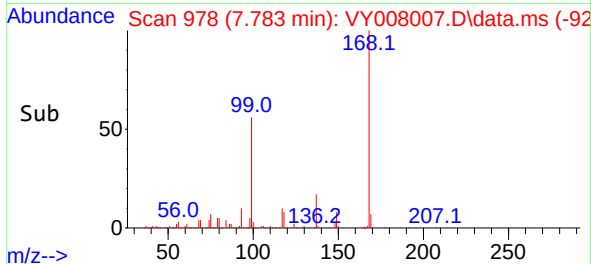
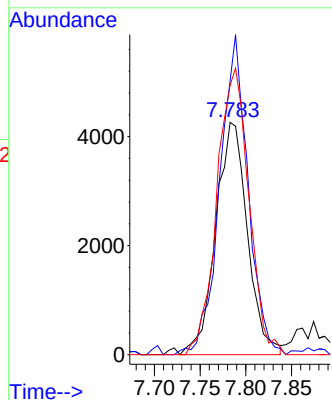


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

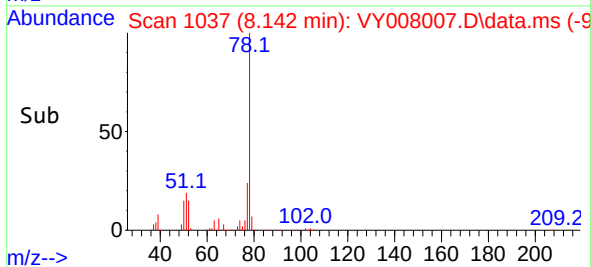
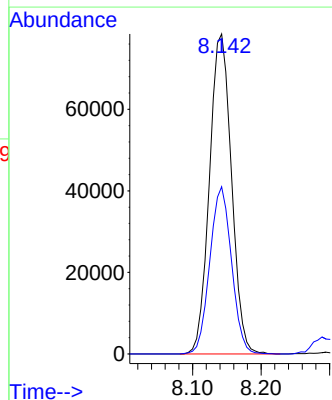
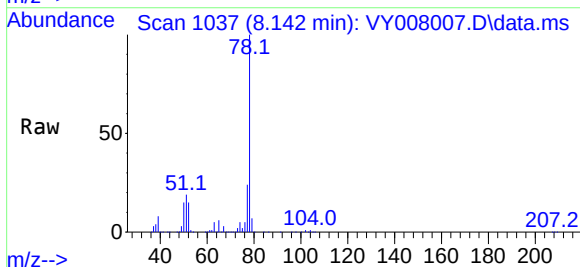


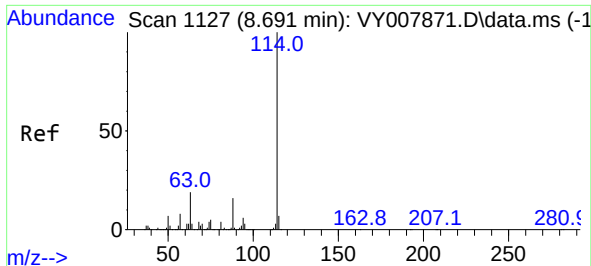
Tgt Ion: 56 Resp: 10301
Ion Ratio Lower Upper
56 100
69 116.1 26.7 40.1#
84 116.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 46.572 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

Tgt Ion: 65 Resp: 175245
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: VY008007.D

Acq: 22 Mar 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

RW-1-20220321-19.0-20.0

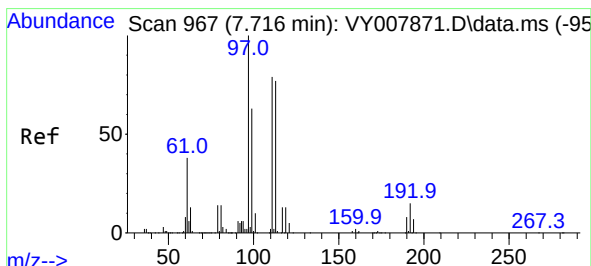
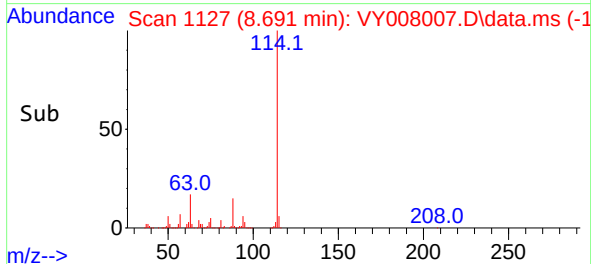
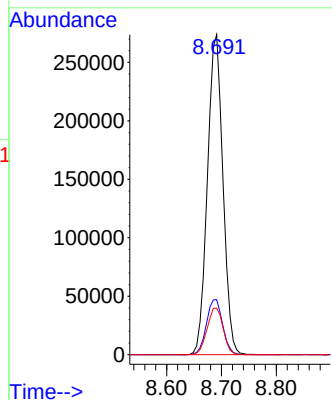
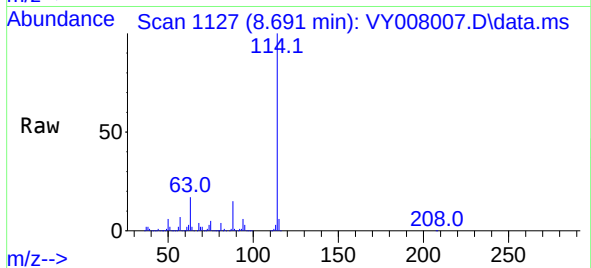
Tgt Ion:114 Resp: 535882

Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.874 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008007.D

Acq: 22 Mar 2022 17:52

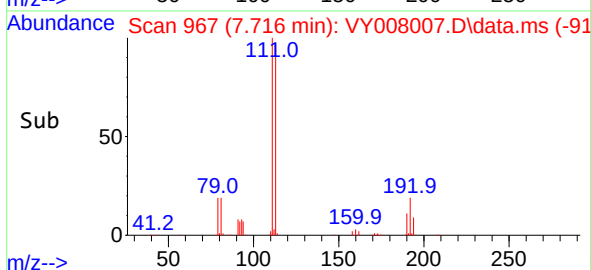
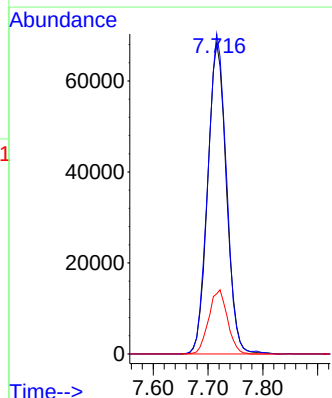
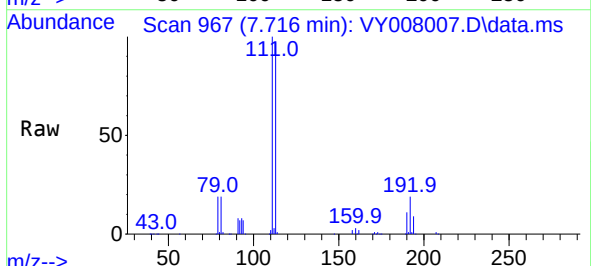
Tgt Ion:113 Resp: 161355

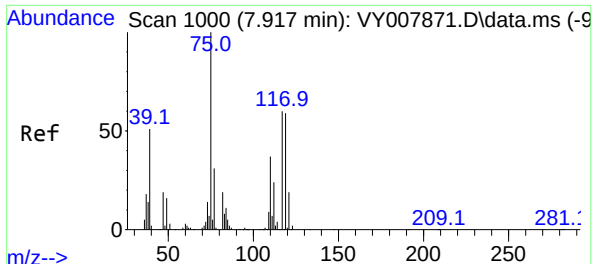
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 20.7 17.6 26.4

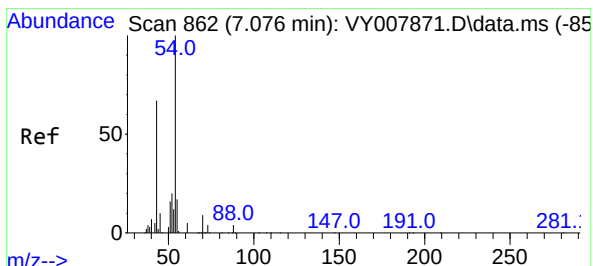
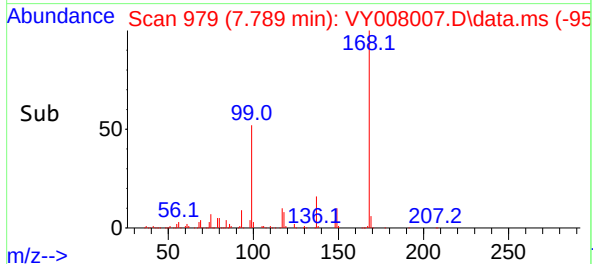
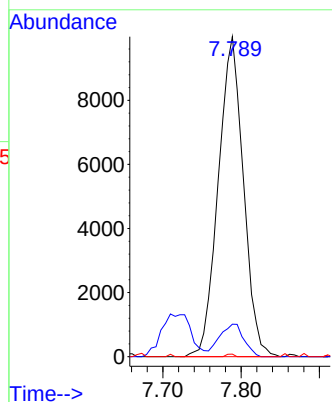
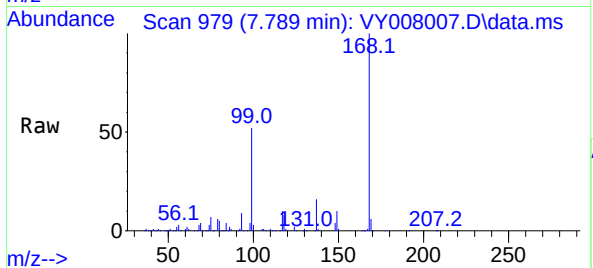




#36
1,1-Dichloropropene
Concen: 3.984 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

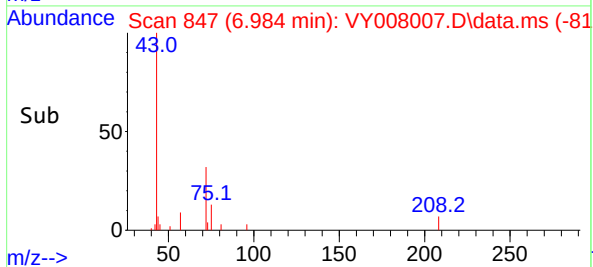
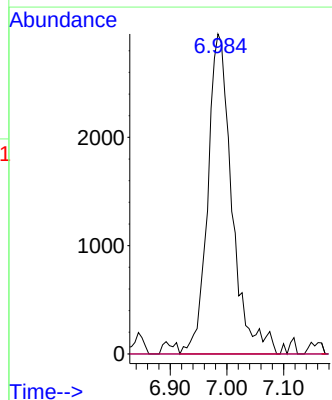
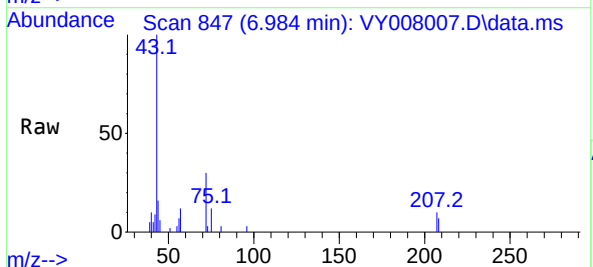
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

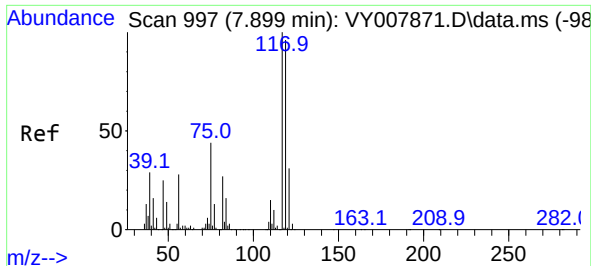
Tgt Ion: 75 Resp: 22240
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.570 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.086 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

Tgt Ion: 43 Resp: 8753
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.0 7.1 10.7#

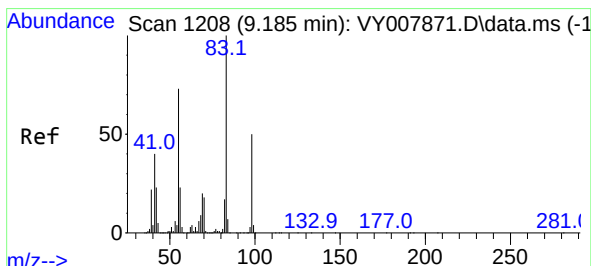
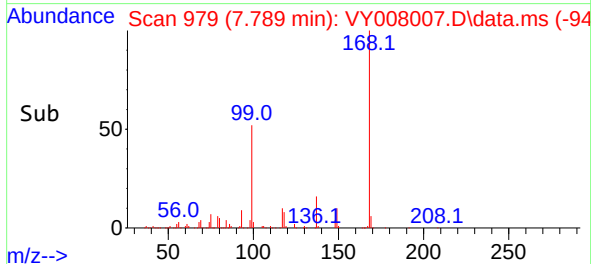
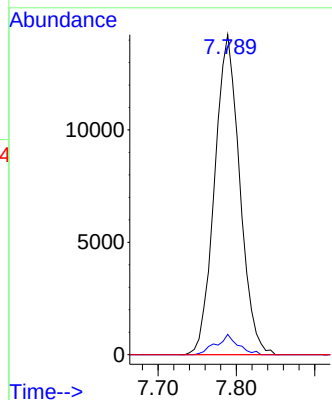
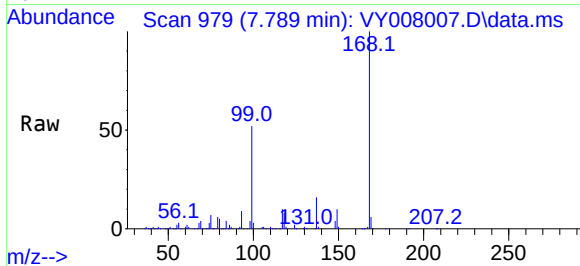




#38
Carbon Tetrachloride
Concen: 5.317 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

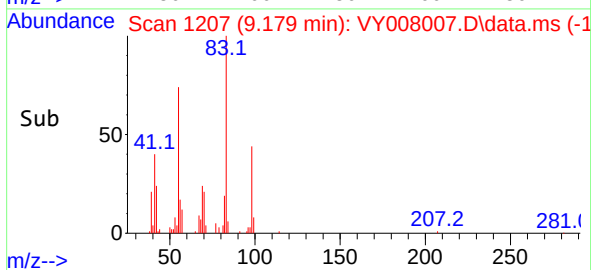
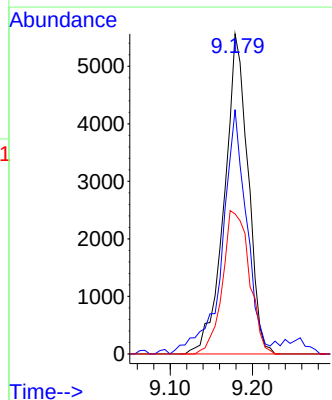
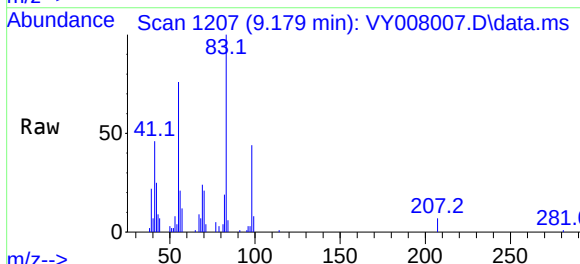
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

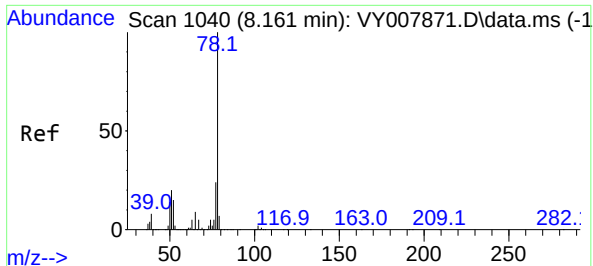
Tgt Ion:117 Resp: 31717
Ion Ratio Lower Upper
117 100
119 6.4 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: Below Cal
RT: 9.179 min Scan# 1207
Delta R.T. -0.006 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

Tgt Ion: 83 Resp: 11125
Ion Ratio Lower Upper
83 100
55 73.8 66.5 99.7
98 43.8 37.9 56.9

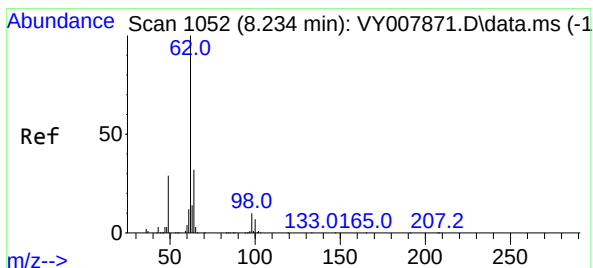
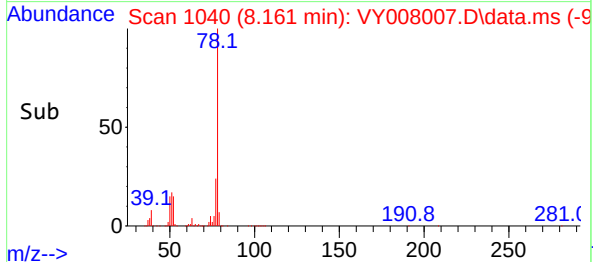
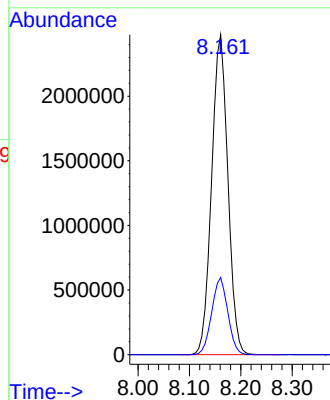
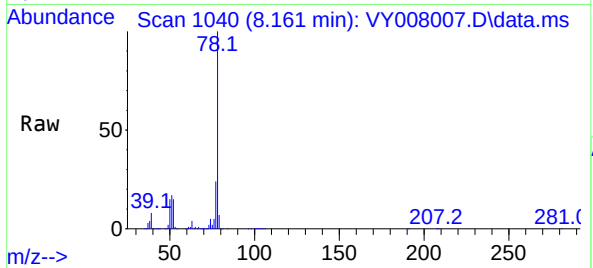




#40
Benzene
Concen: 332.914 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

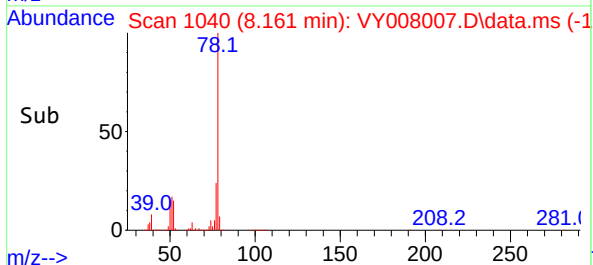
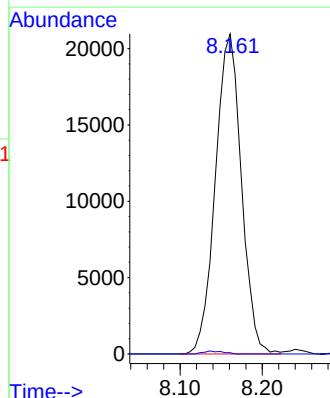
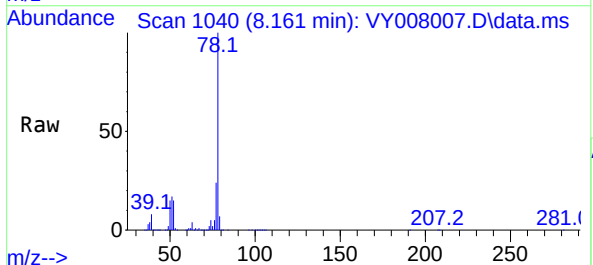
Instrument : MSVOA_Y
ClientSampleId : RW-1-20220321-19.0-20.0

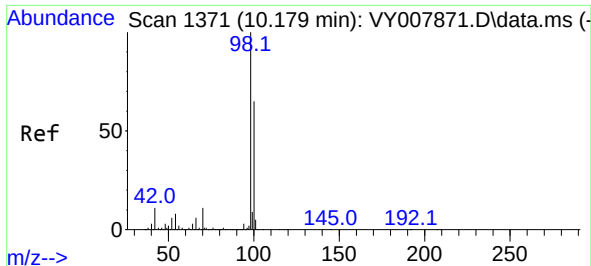
Tgt Ion: 78 Resp: 5430372
Ion Ratio Lower Upper
78 100
77 24.1 20.4 30.6



#42
1,2-Dichloroethane
Concen: 9.751 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.073 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

Tgt Ion: 62 Resp: 46051
Ion Ratio Lower Upper
62 100
98 0.0 0.0 14.8

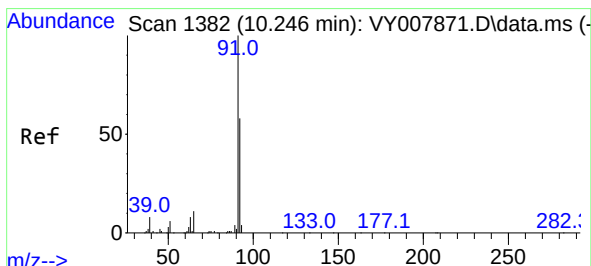
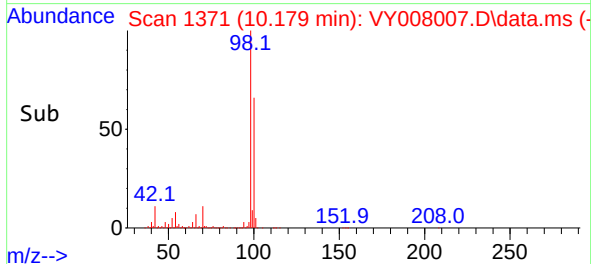
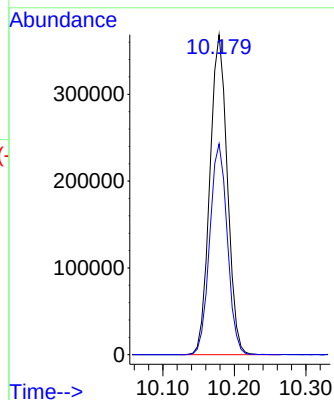
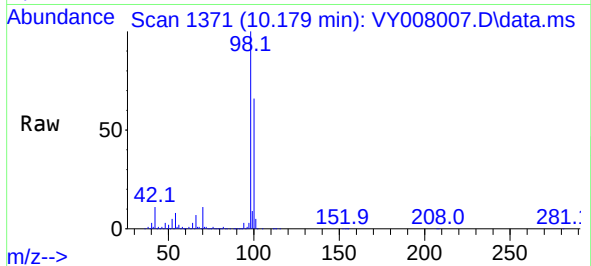




#50
Toluene-d8
Concen: 55.727 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

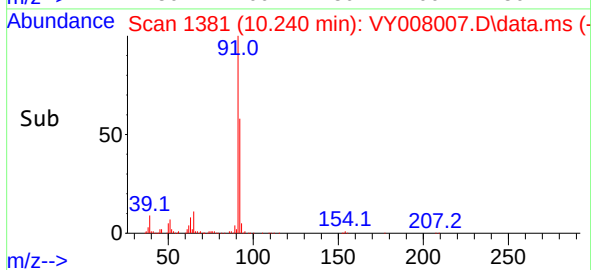
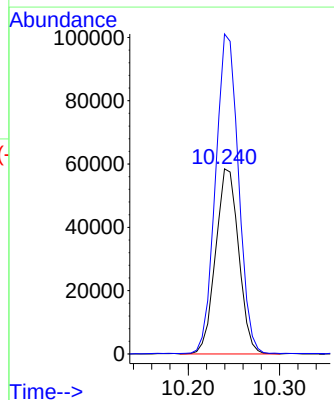
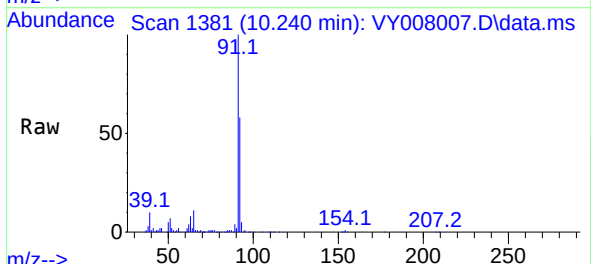
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

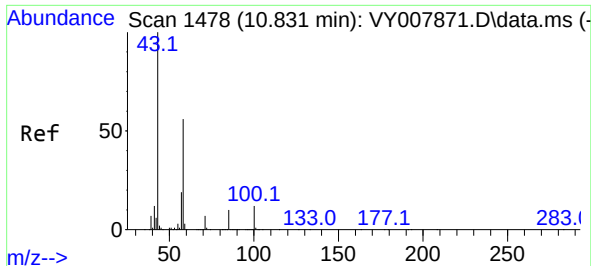
Tgt Ion: 98 Resp: 625527
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2



#52
Toluene
Concen: 9.794 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

Tgt Ion: 92 Resp: 102592
Ion Ratio Lower Upper
92 100
91 171.5 142.6 213.8

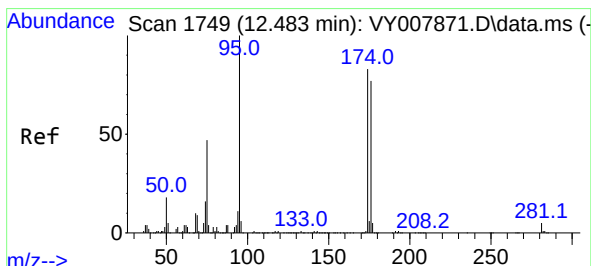
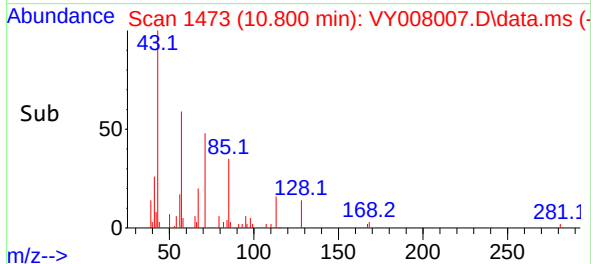
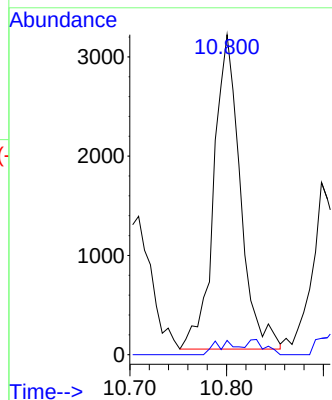
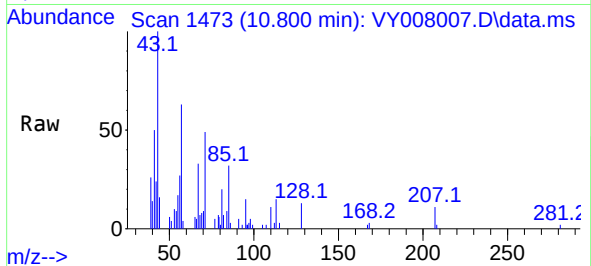




#59
2-Hexanone
Concen: 2.436 ug/l
RT: 10.800 min Scan# 1478
Delta R.T. -0.031 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

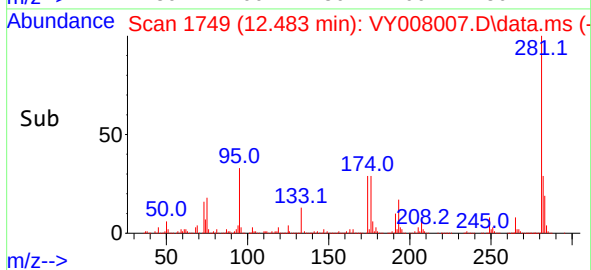
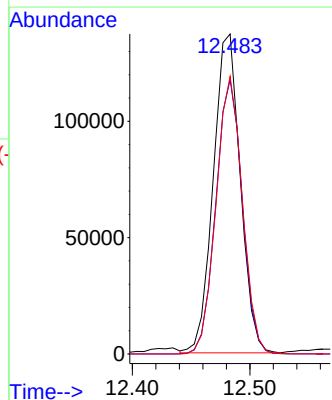
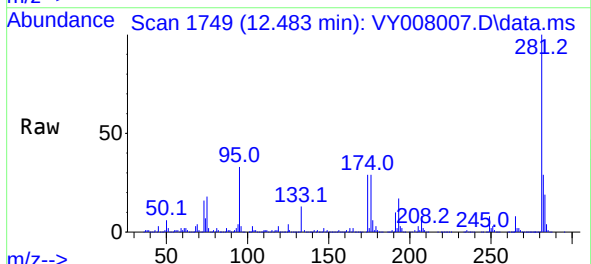
Instrument : MSVOA_Y
ClientSampleId : RW-1-20220321-19.0-20.0

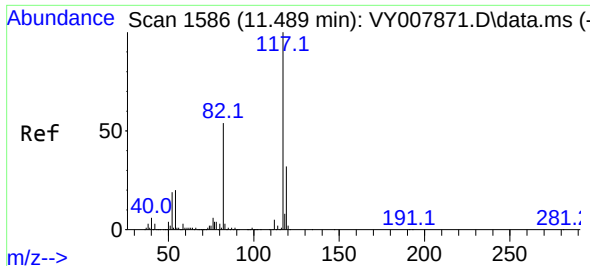
Tgt Ion: 43 Resp: 6027
Ion Ratio Lower Upper
43 100
58 1.5 24.4 73.4#



#62
4-Bromofluorobenzene
Concen: 40.472 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

Tgt Ion: 95 Resp: 218602
Ion Ratio Lower Upper
95 100
174 84.3 0.0 177.0
176 84.7 0.0 175.8

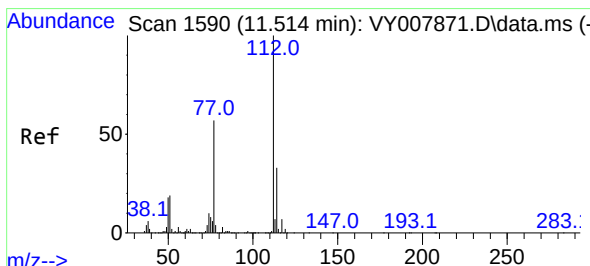
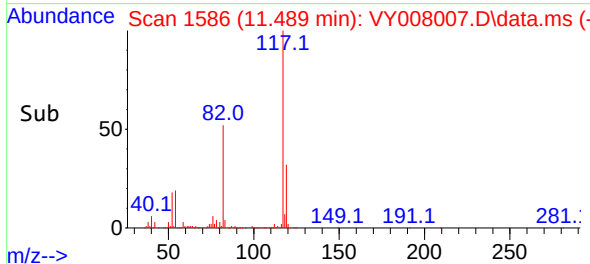
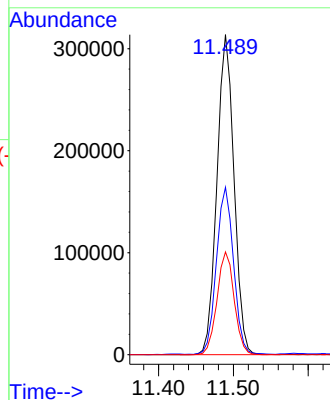
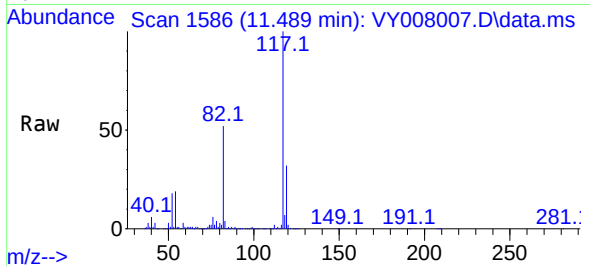




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

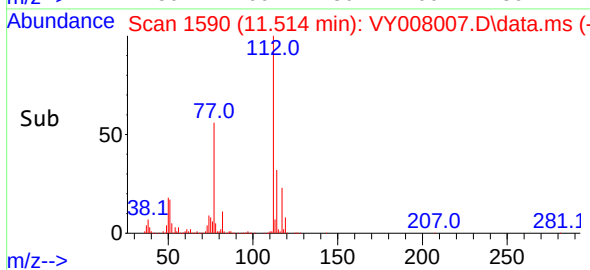
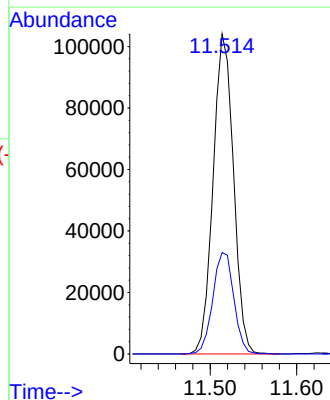
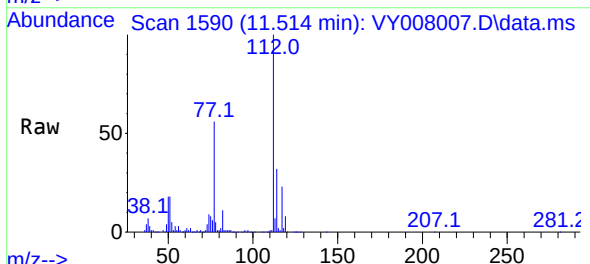
Instrument : MSVOA_Y
ClientSampleId : RW-1-20220321-19.0-20.0

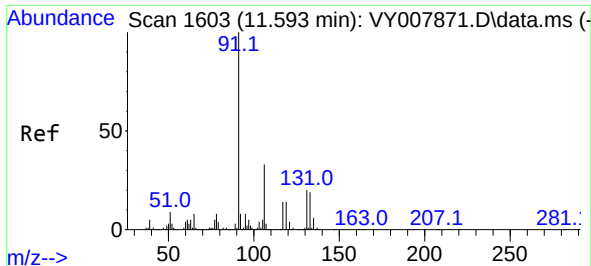
Tgt Ion:	117	Resp:	498798
Ion	Ratio	Lower	Upper
117	100		
82	52.1	43.0	64.4
119	32.1	25.4	38.0



#65
Chlorobenzene
Concen: 14.224 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

Tgt Ion:	112	Resp:	169959
Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.8	38.6

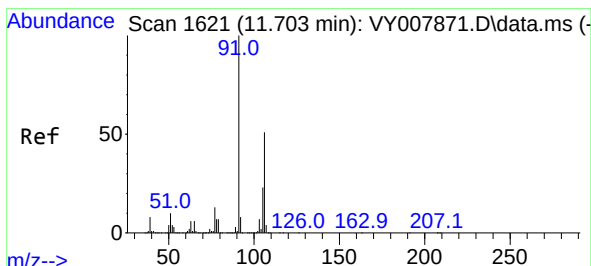
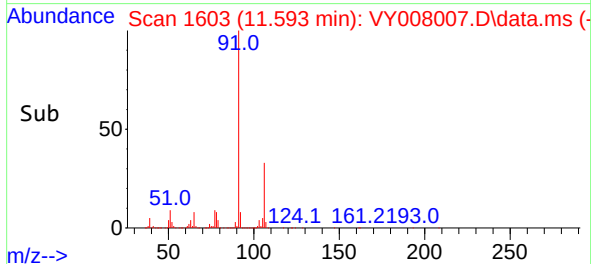
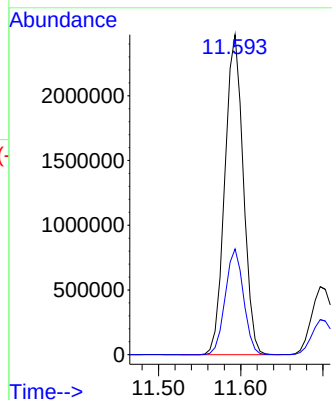
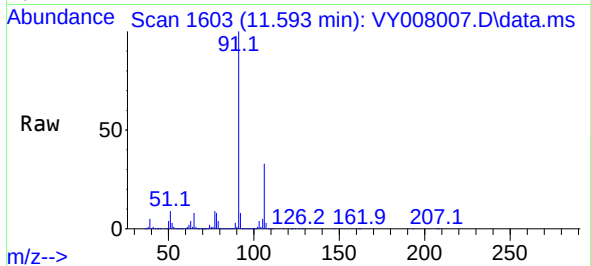




#67
Ethyl Benzene
Concen: 180.948 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

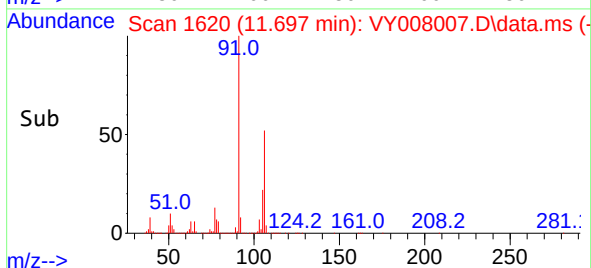
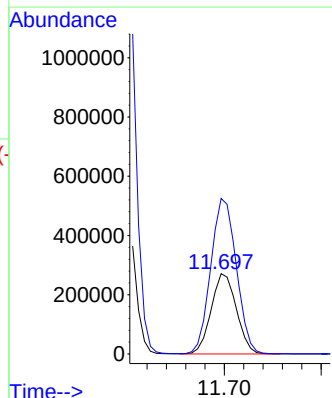
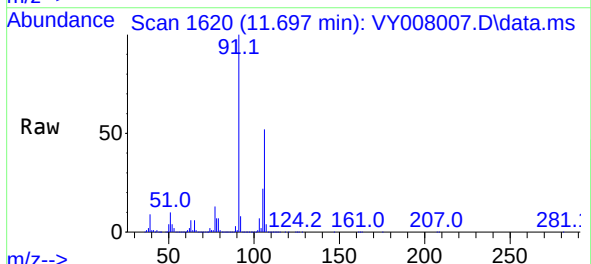
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

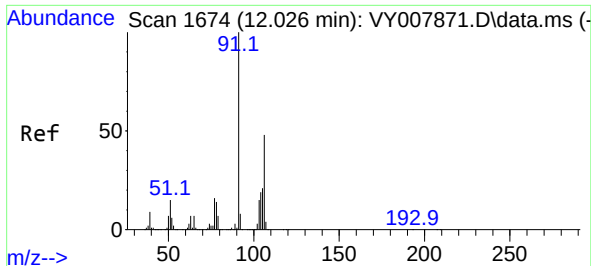
Tgt Ion: 91 Resp: 3851405
Ion Ratio Lower Upper
91 100
106 33.0 24.5 36.7



#68
m/p-Xylenes
Concen: 58.954 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

Tgt Ion:106 Resp: 489477
Ion Ratio Lower Upper
106 100
91 196.7 166.6 249.8

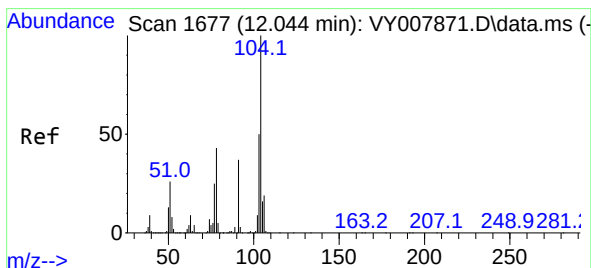
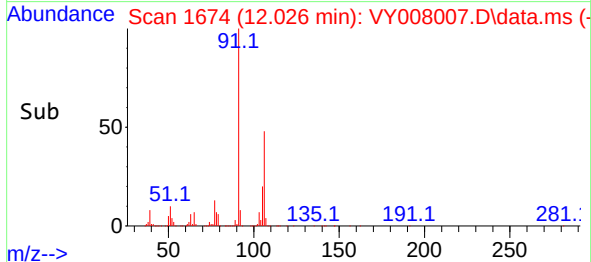
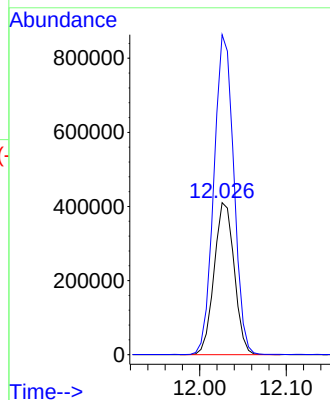
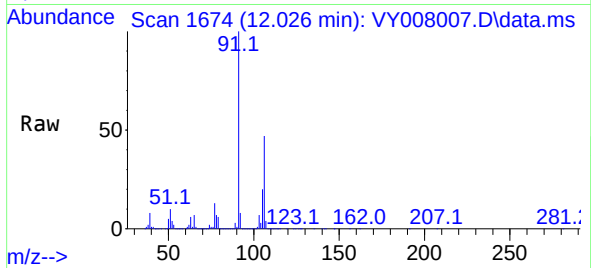




#69
o-Xylene
Concen: 82.457 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

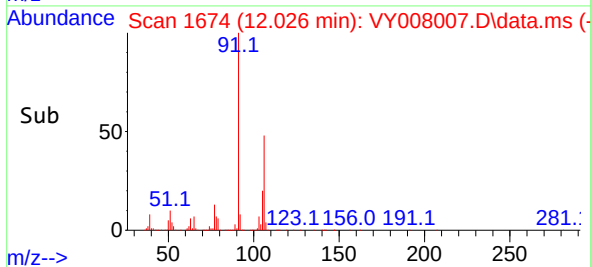
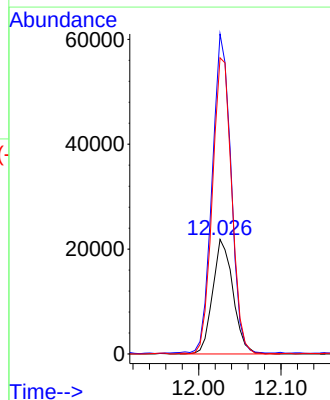
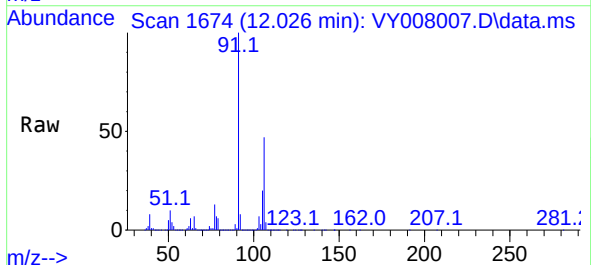
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

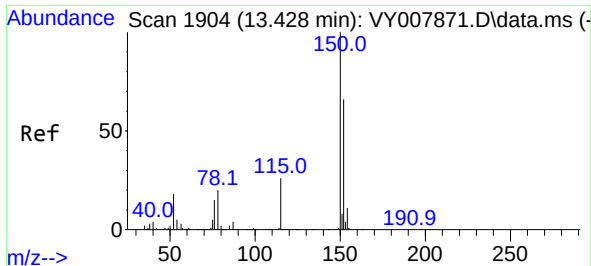
Tgt Ion:106 Resp: 662219
Ion Ratio Lower Upper
106 100
91 207.9 110.3 331.0



#70
Styrene
Concen: 2.773 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.018 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

Tgt Ion:104 Resp: 37444
Ion Ratio Lower Upper
104 100
78 260.0 42.4 63.6#
103 246.8 44.4 66.6#

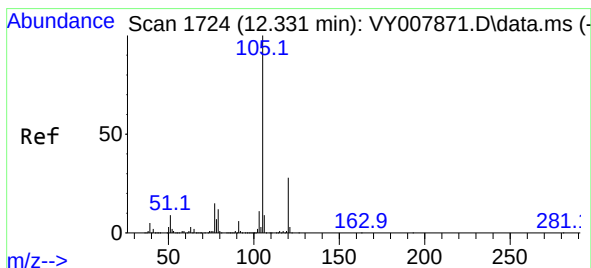
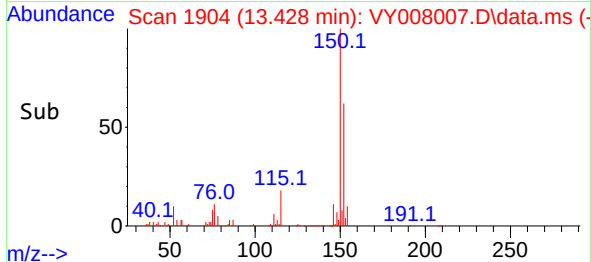
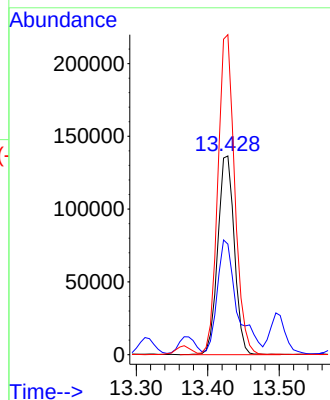
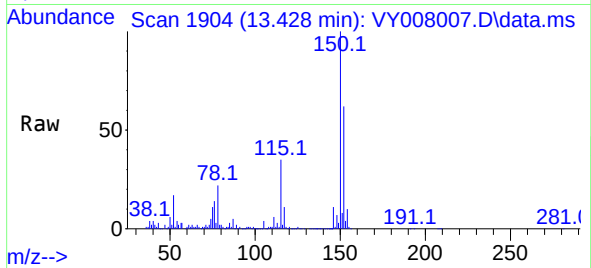




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

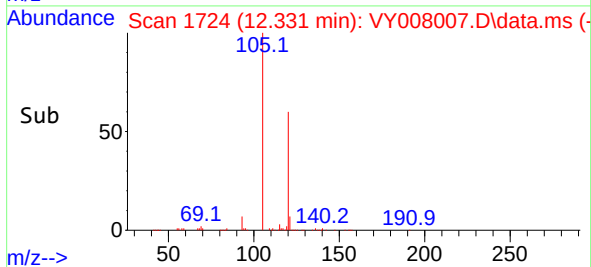
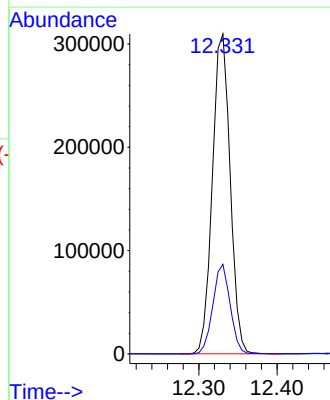
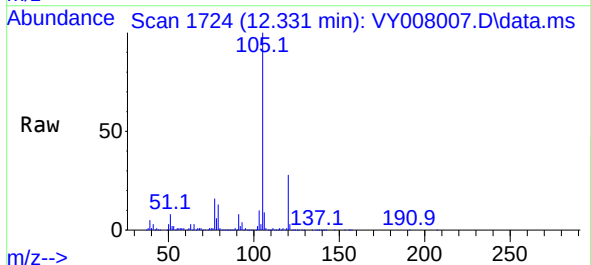
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

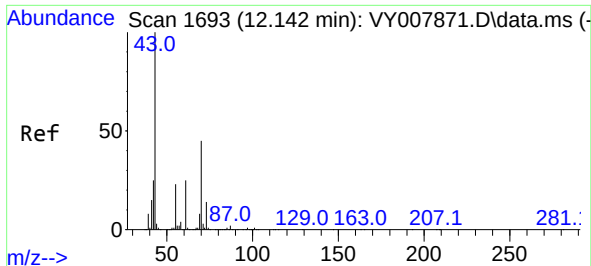
Tgt Ion:152 Resp: 219366
Ion Ratio Lower Upper
152 100
115 65.4 28.2 84.7
150 163.7 0.0 347.6



#73
Isopropylbenzene
Concen: 25.276 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

Tgt Ion:105 Resp: 488056
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2

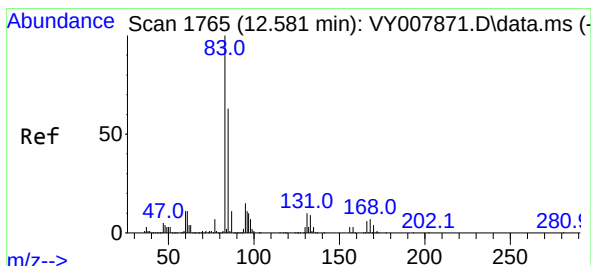
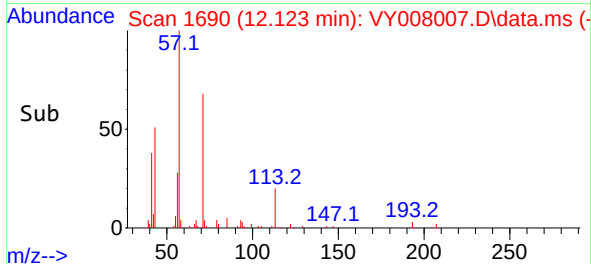
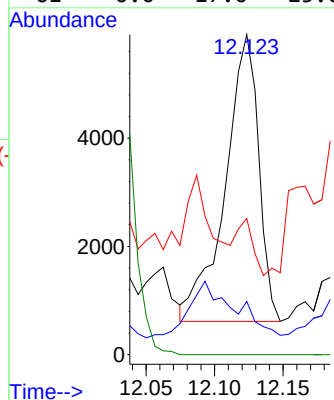
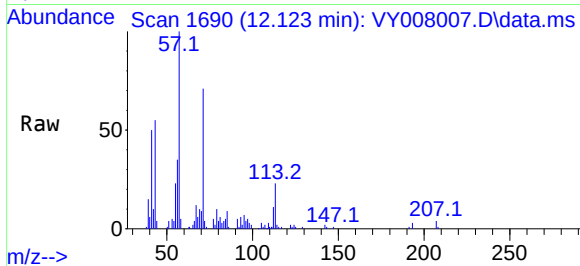




#74
N-amy1 acetate
Concen: 1.581 ug/l
RT: 12.123 min Scan# 1690
Delta R.T. -0.018 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

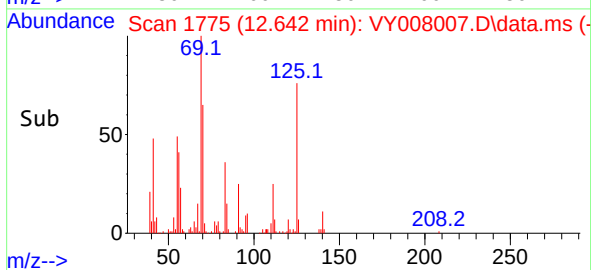
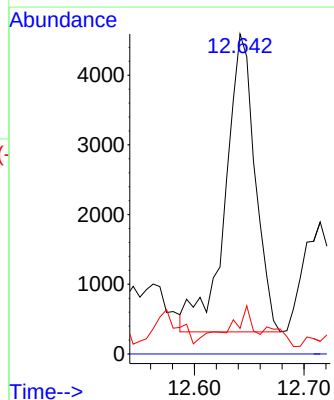
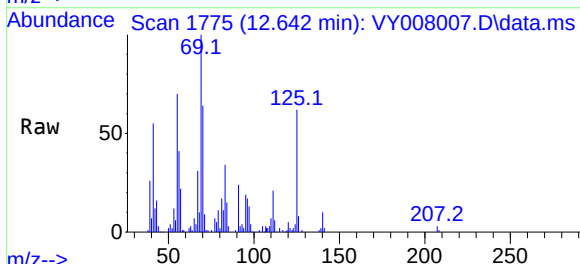
Instrument : MSVOA_Y
ClientSampleId : RW-1-20220321-19.0-20.0

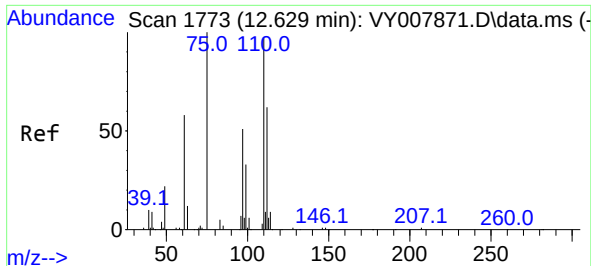
Tgt Ion: 43	Resp: 9006
Ion Ratio	Lower Upper
43 100	
70 0.0	28.7 43.1#
55 0.0	17.3 25.9#
61 0.0	17.0 25.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.940 ug/l
RT: 12.642 min Scan# 1775
Delta R.T. 0.061 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

Tgt Ion: 83	Resp: 8064
Ion Ratio	Lower Upper
83 100	
131 0.0	5.6 16.8#
85 6.0	32.3 96.8#

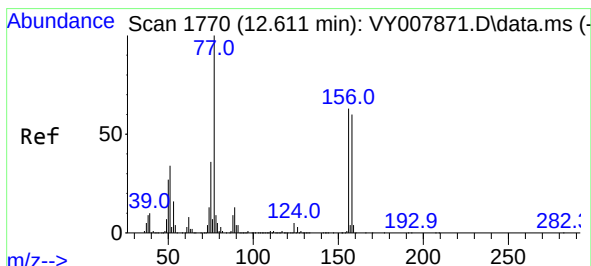
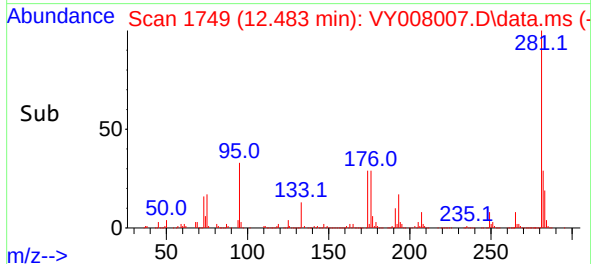
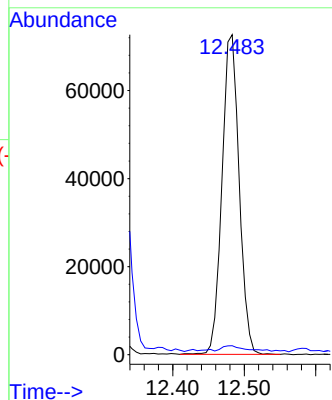
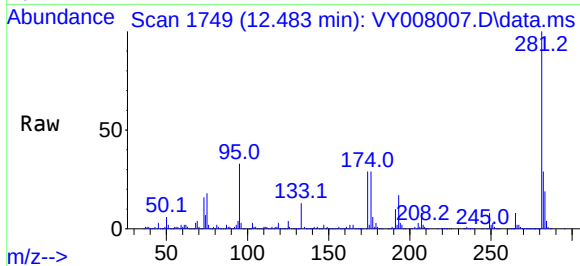




#76
1,2,3-Trichloropropane
Concen: 38.715 ug/l
RT: 12.483 min Scan# 1735
Delta R.T. -0.153 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

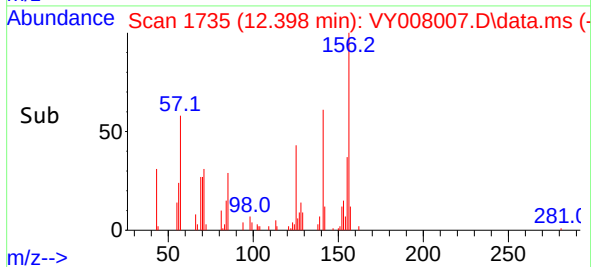
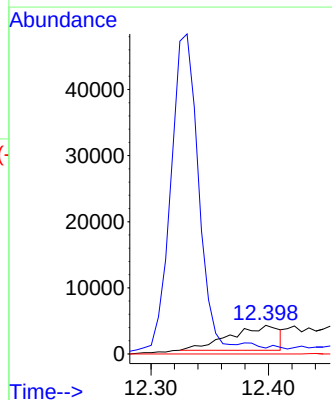
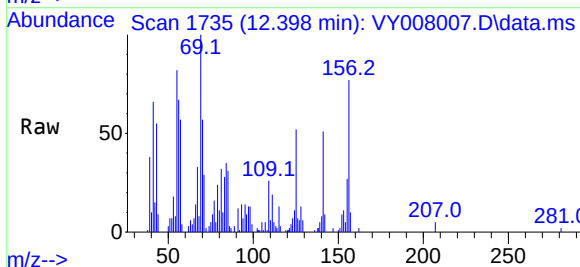
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

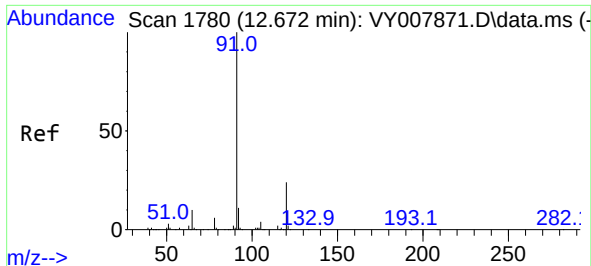
Tgt Ion: 75 Resp: 121050
Ion Ratio Lower Upper
75 100
77 2.9 0.0 0.0#



#77
Bromobenzene
Concen: 2.477 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. -0.214 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

Tgt Ion: 156 Resp: 10929
Ion Ratio Lower Upper
156 100
77 0.0 95.5 286.4#
158 0.0 48.0 144.0#

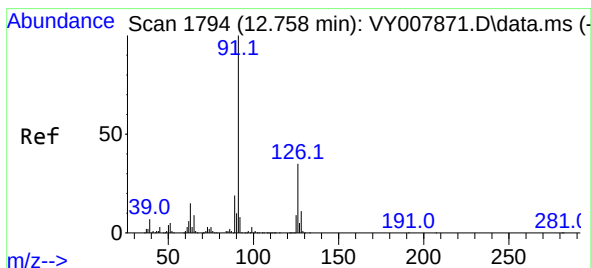
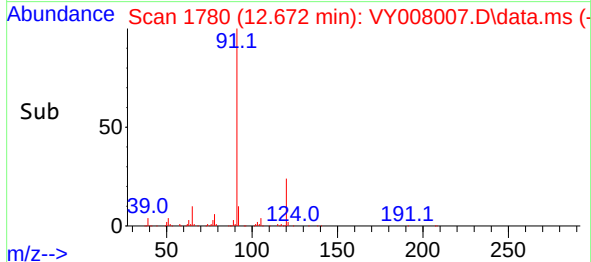
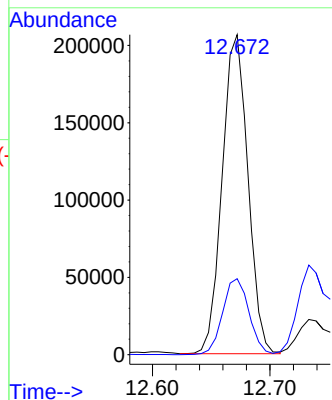
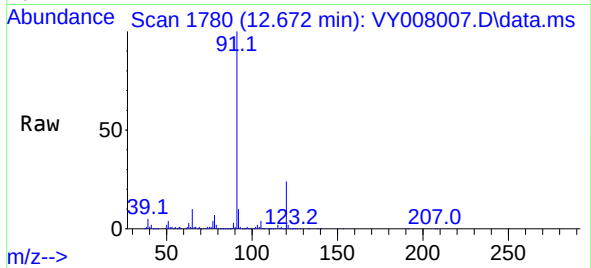




#78
n-propylbenzene
Concen: 13.479 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

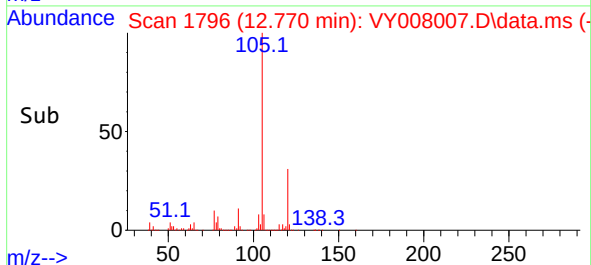
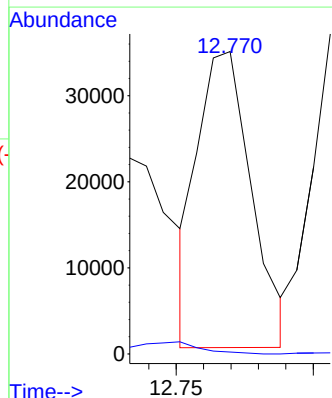
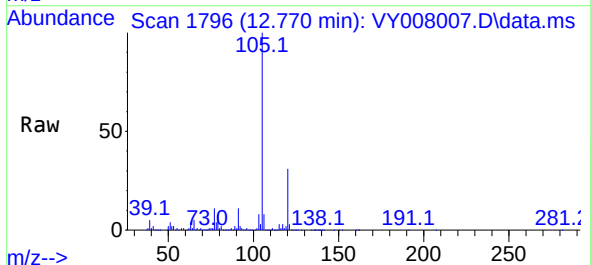
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

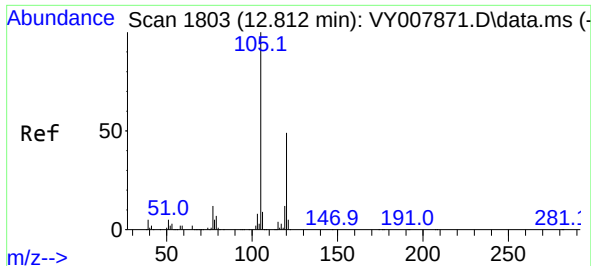
Tgt Ion: 91 Resp: 314287
Ion Ratio Lower Upper
91 100
120 24.4 11.3 33.9



#79
2-Chlorotoluene
Concen: 3.574 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. 0.012 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

Tgt Ion: 91 Resp: 46878
Ion Ratio Lower Upper
91 100
126 6.0 16.9 50.6#

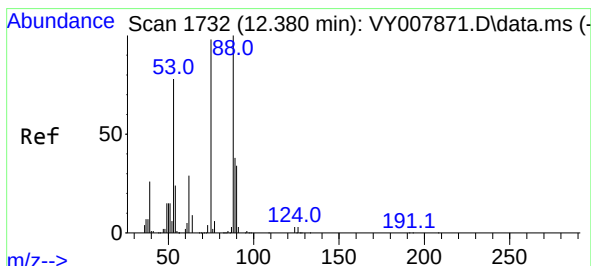
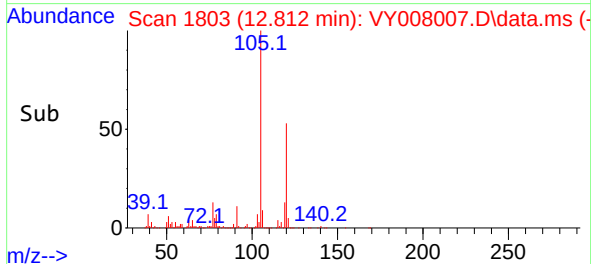
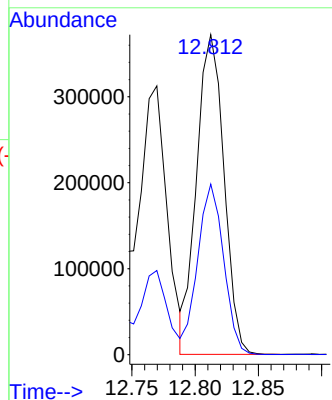
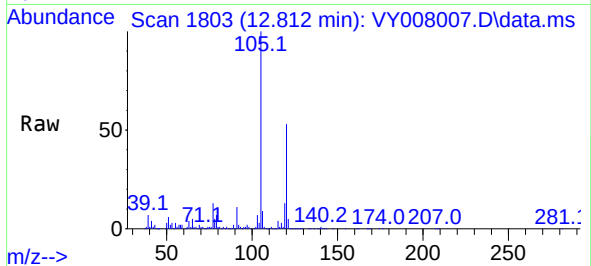




#80
1,3,5-Trimethylbenzene
Concen: 35.226 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

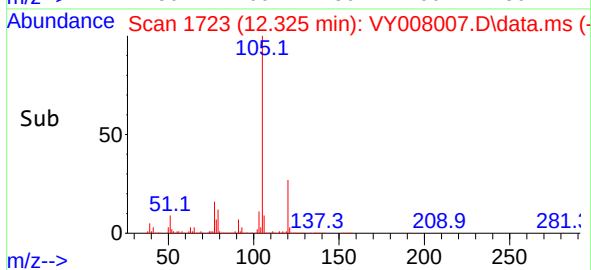
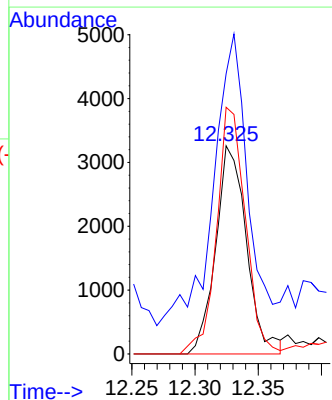
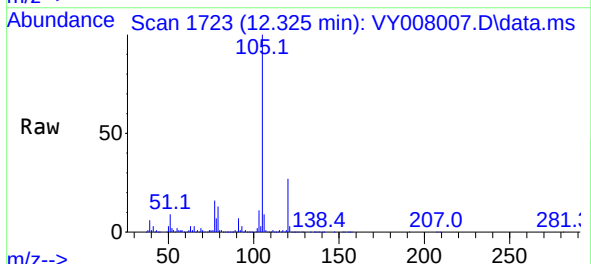
Instrument : MSVOA_Y
ClientSampleId : RW-1-20220321-19.0-20.0

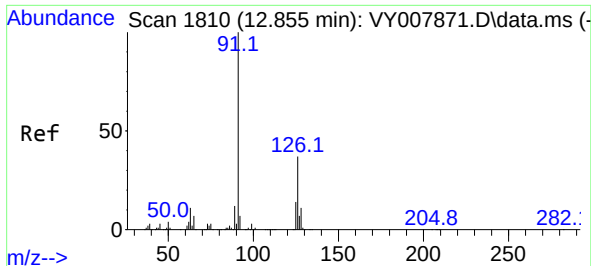
Tgt Ion:105 Resp: 559362
Ion Ratio Lower Upper
105 100
120 50.7 24.4 73.4



#81
trans-1,4-Dichloro-2-butene
Concen: 3.710 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.055 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

Tgt Ion: 75 Resp: 5523
Ion Ratio Lower Upper
75 100
53 154.6 85.3 127.9#
89 110.7 37.0 55.4#

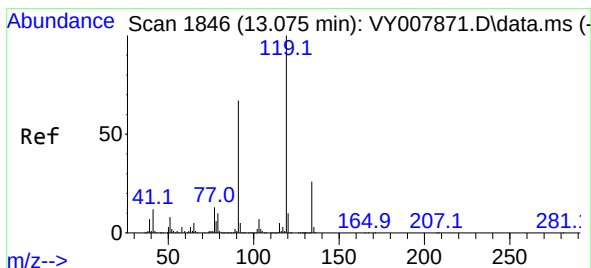
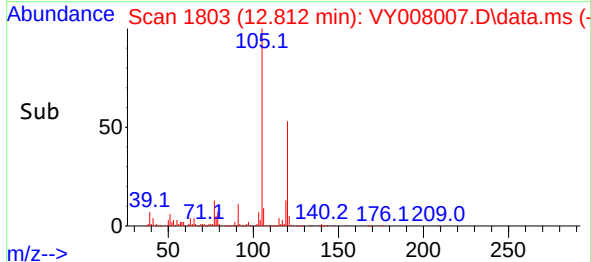
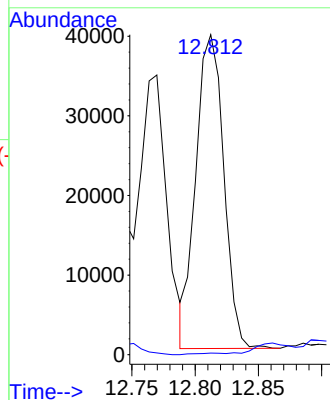
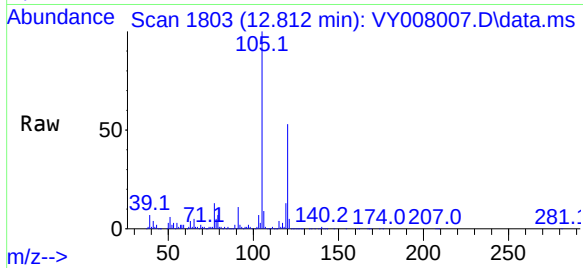




#82
4-Chlorotoluene
Concen: 4.440 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.043 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

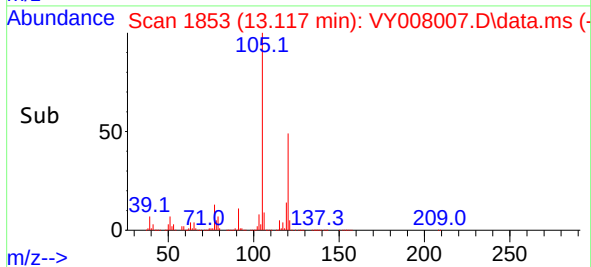
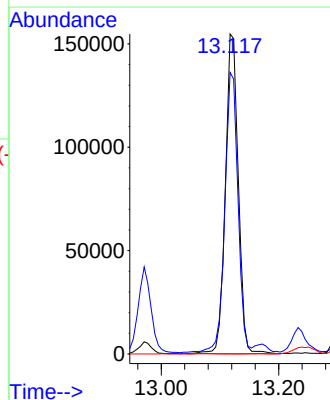
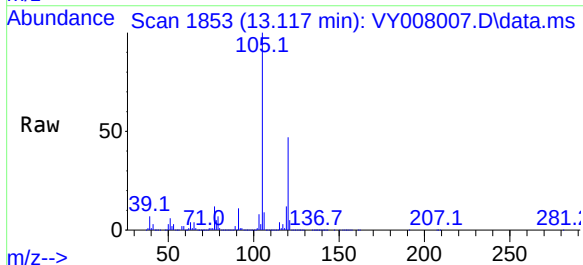
Instrument : MSVOA_Y
ClientSampleId : RW-1-20220321-19.0-20.0

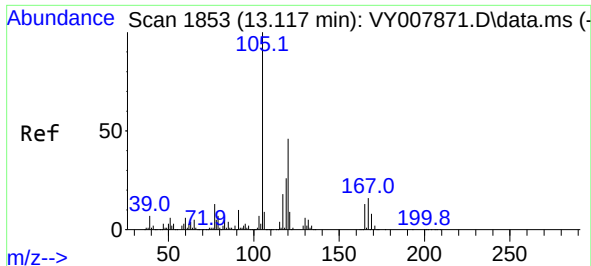
Tgt Ion: 91 Resp: 60503
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#



#83
tert-Butylbenzene
Concen: 16.653 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.042 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

Tgt Ion: 119 Resp: 236627
Ion Ratio Lower Upper
119 100
91 88.9 34.8 104.4
134 0.0 13.3 39.9#

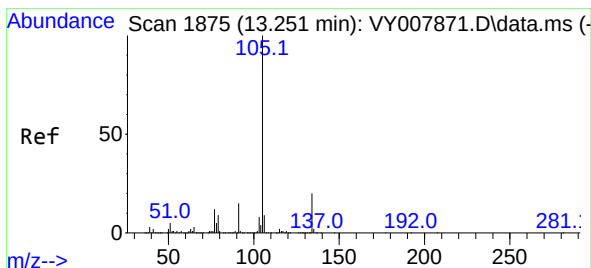
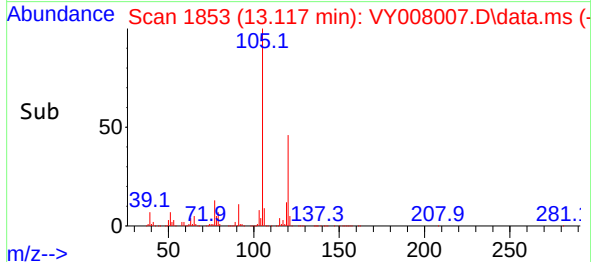
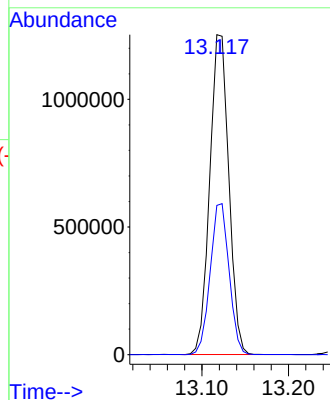
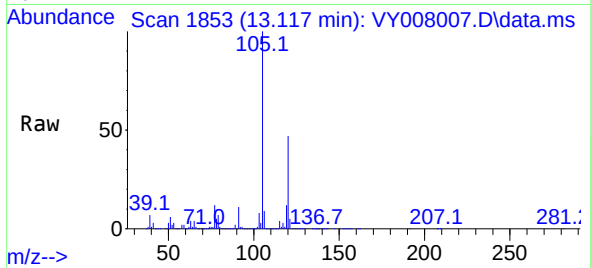




#84
1,2,4-Trimethylbenzene
Concen: 123.069 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

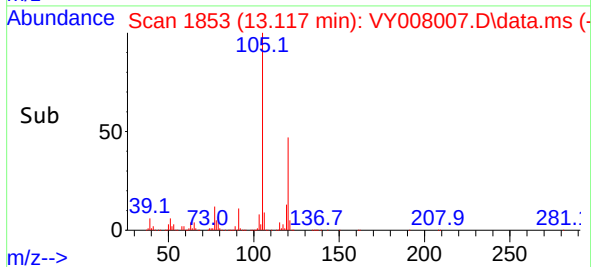
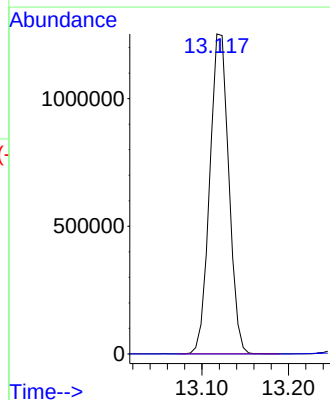
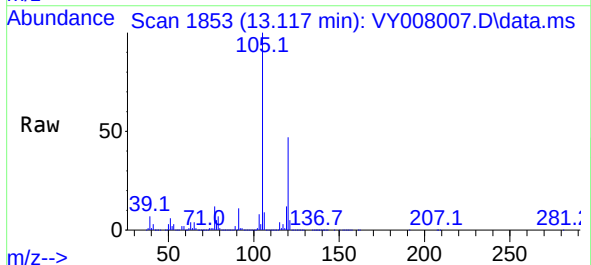
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

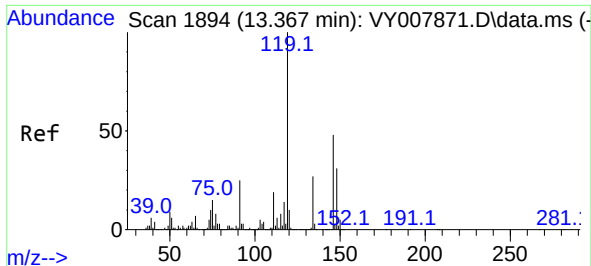
Tgt Ion:105 Resp: 1915678
Ion Ratio Lower Upper
105 100
120 46.8 22.3 66.9



#85
sec-Butylbenzene
Concen: 89.957 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.134 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

Tgt Ion:105 Resp: 1915678
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#

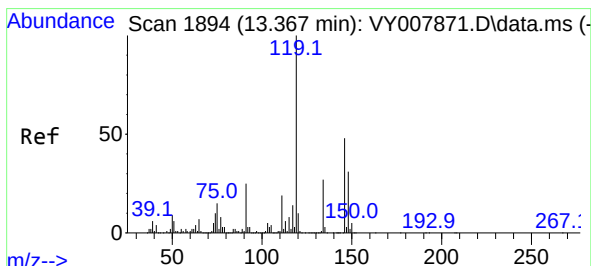
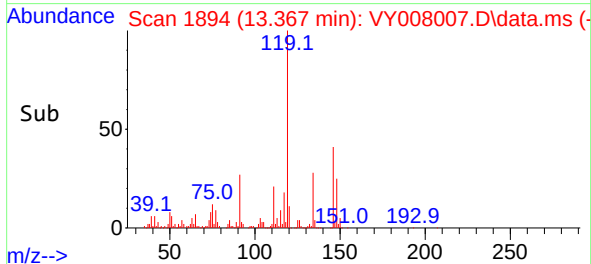
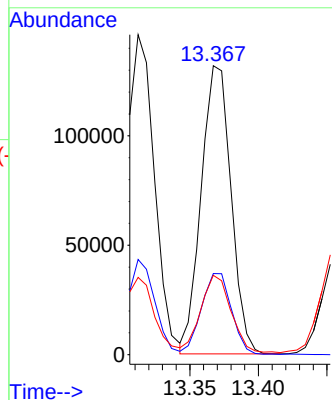
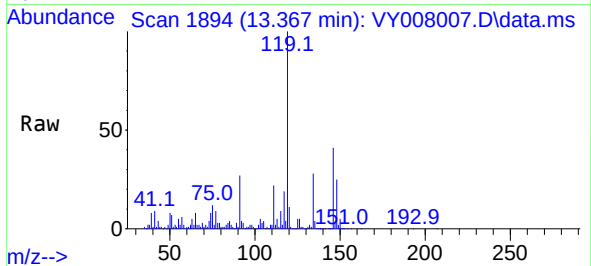




#86
p-Isopropyltoluene
Concen: 11.535 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

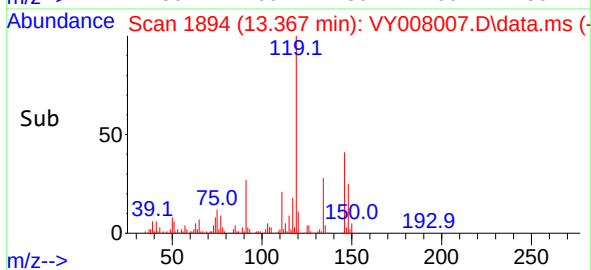
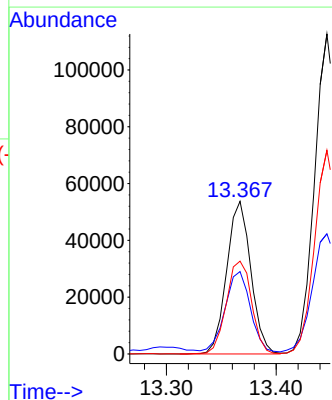
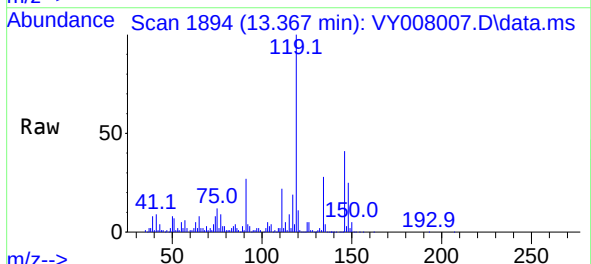
Instrument : MSVOA_Y
ClientSampleId : RW-1-20220321-19.0-20.0

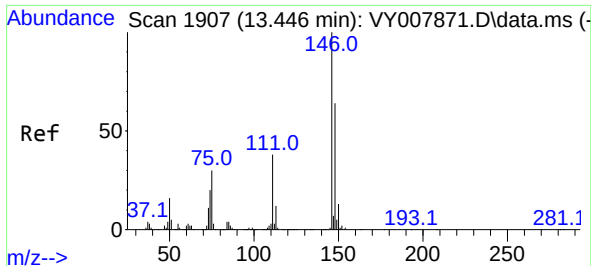
Tgt Ion:	119	Resp:	199412
Ion	Ratio	Lower	Upper
119	100		
134	28.3	13.2	39.5
91	26.9	12.4	37.2



#87
1,3-Dichlorobenzene
Concen: 9.551 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

Tgt Ion:	146	Resp:	82304
Ion	Ratio	Lower	Upper
146	100		
111	54.6	19.5	58.5
148	63.6	31.6	95.0

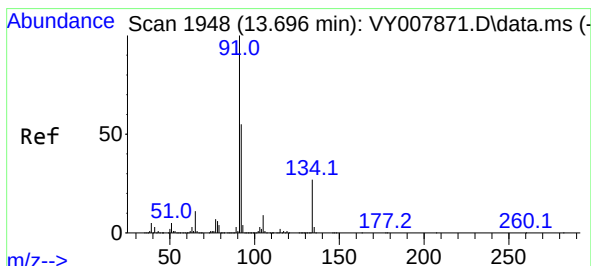
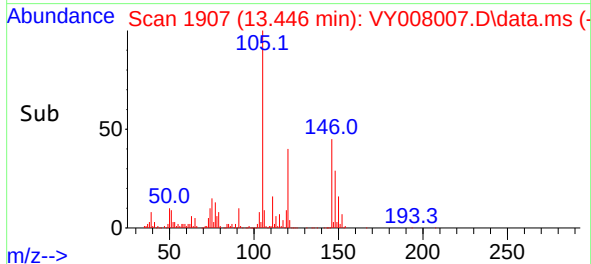
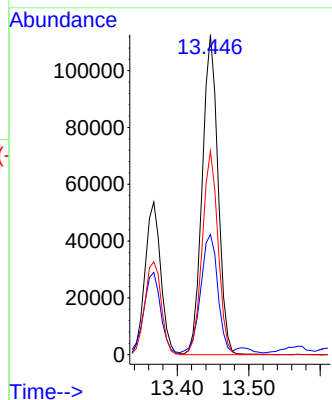
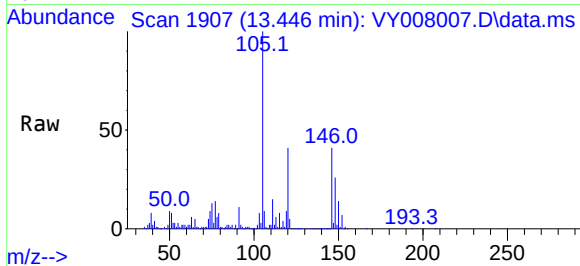




#88
1,4-Dichlorobenzene
Concen: 19.977 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

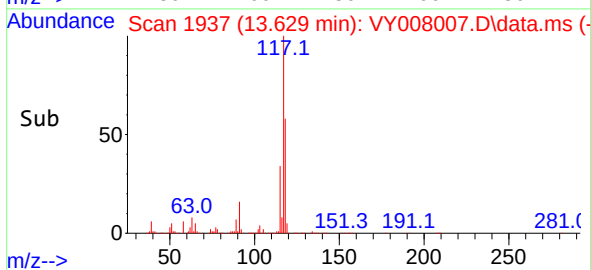
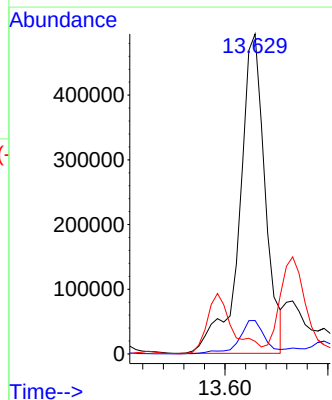
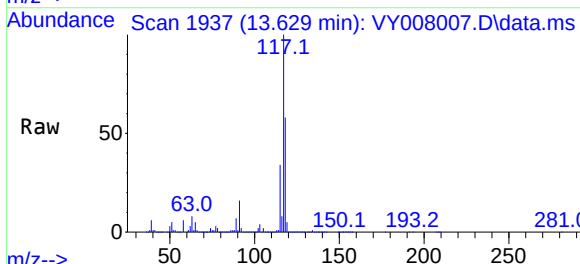
Instrument : MSVOA_Y
ClientSampleId : RW-1-20220321-19.0-20.0

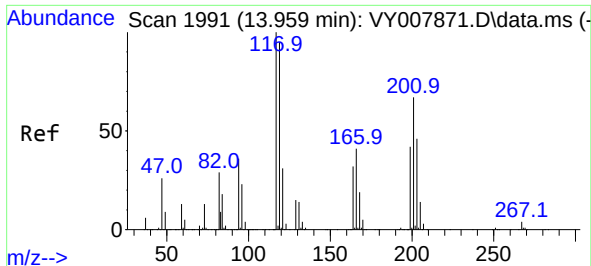
Tgt Ion:	146	Resp:	172545
Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.3	57.8
148	63.5	32.6	97.8



#89
n-Butylbenzene
Concen: 51.443 ug/l
RT: 13.629 min Scan# 1937
Delta R.T. -0.067 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

Tgt Ion:	91	Resp:	853494
Ion	Ratio	Lower	Upper
91	100		
92	10.5	26.3	78.9#
134	0.0	13.0	38.9#

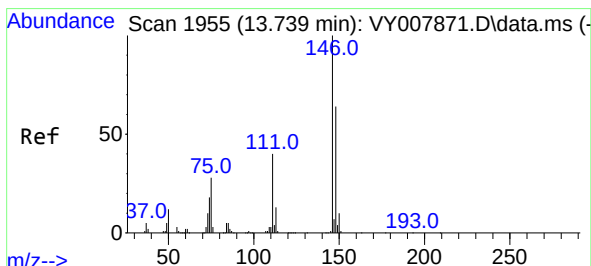
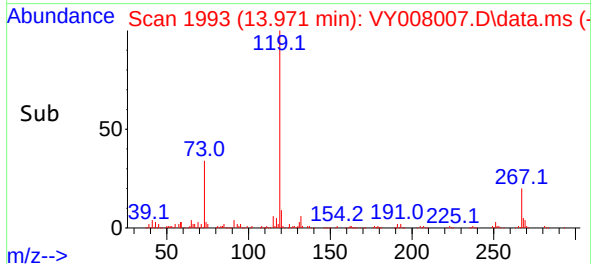
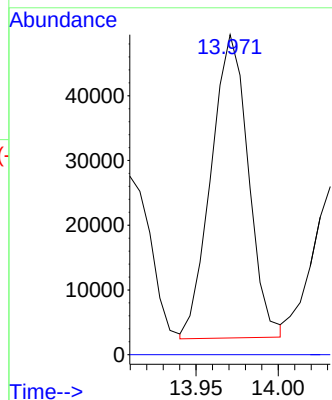
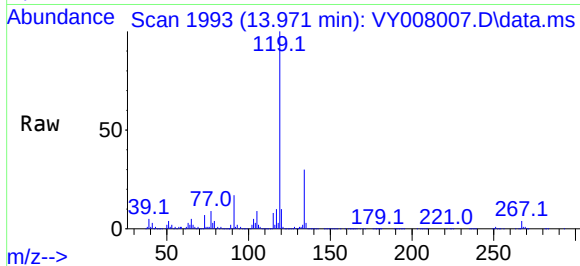




#90
Hexachloroethane
Concen: 21.421 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

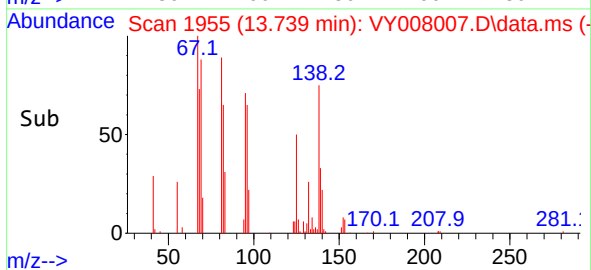
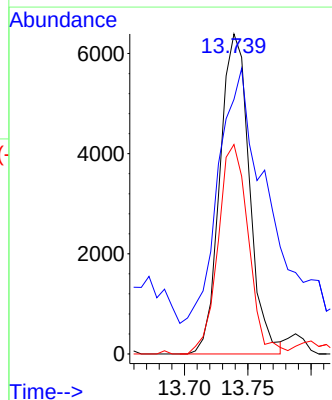
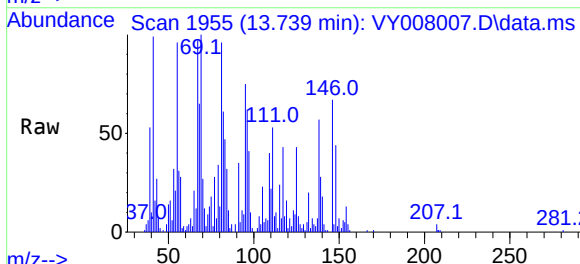
Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

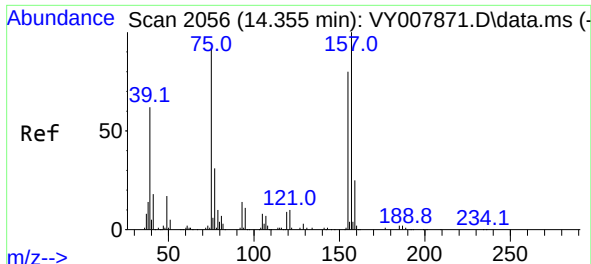
Tgt Ion:117 Resp: 73916
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#



#91
1,2-Dichlorobenzene
Concen: 1.335 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

Tgt Ion:146 Resp: 10347
Ion Ratio Lower Upper
146 100
111 143.1 20.3 60.9#
148 67.3 32.3 96.9

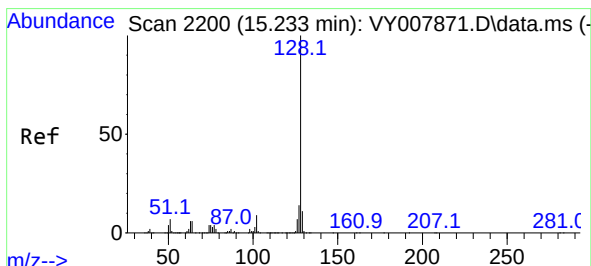
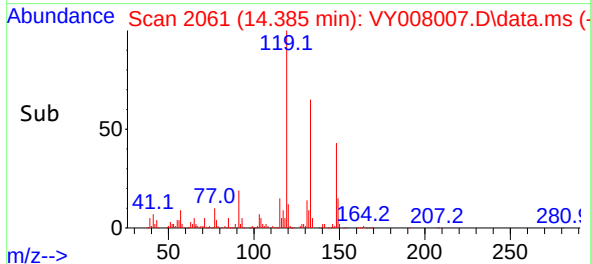
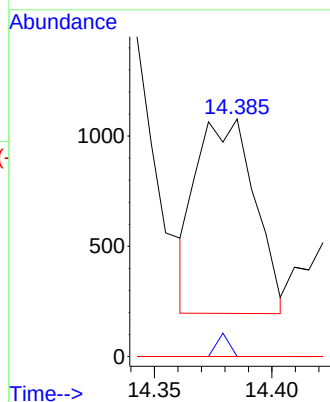
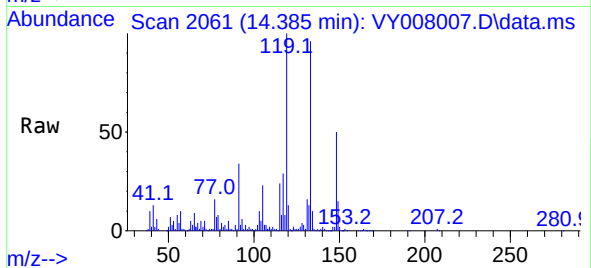




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.117 ug/l
RT: 14.385 min Scan# 2056
Delta R.T. 0.030 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

Instrument :
MSVOA_Y
ClientSampleId :
RW-1-20220321-19.0-20.0

Tgt Ion: 75 Resp: 1514
Ion Ratio Lower Upper
75 100
155 2.6 38.0 113.9#
157 0.0 47.8 143.3#



#95
Naphthalene
Concen: 1312.851 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY008007.D
Acq: 22 Mar 2022 17:52

Tgt Ion: 128 Resp: 14352461
Ion Ratio Lower Upper
128 100
127 14.9 11.0 16.4
129 12.9 8.4 12.6#

