

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
 Data File : VY007513.D
 Acq On : 16 Feb 2022 16:39
 Operator : SY/MD
 Sample : N1465-08
 Misc : 5.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 17 02:58:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	98590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	171002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	165850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69803	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	60707	55.772	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.540%	
35) Dibromofluoromethane	7.722	113	55934	51.868	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.740%	
50) Toluene-d8	10.179	98	212408	51.860	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.720%	
62) 4-Bromofluorobenzene	12.483	95	75021	54.018	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.040%	

Target Compounds			Qvalue			
3) Chloromethane	2.113	50	393	Below Cal	#	82
5) Bromomethane	2.668	94	258	Below Cal	#	80
11) Tert butyl alcohol	4.954	59	112973	1326.803	ug/l #	94
13) Acrolein	3.936	56	27638	323.233	ug/l #	78
14) Allyl chloride	4.582	41	10809	7.184	ug/l #	70
15) Acrylonitrile	5.247	53	28811	108.565	ug/l #	39
16) Acetone	3.948	43	79644	275.787	ug/l #	69
18) Methyl Acetate	4.710	43	350155	Below Cal	#	56
19) Methyl tert-butyl Ether	5.222	73	186287	62.745	ug/l #	1
20) Methylene Chloride	4.729	84	2508	2.119	ug/l #	1
22) Diisopropyl ether	6.125	45	9926	3.138	ug/l #	81
23) Vinyl Acetate	6.039	43	3583	1.775	ug/l #	75
25) 2-Butanone	6.984	43	10969	30.677	ug/l #	84
26) 2,2-Dichloropropane	6.801	77	4452	2.247	ug/l #	55
31) Cyclohexane	7.783	56	234161	121.648	ug/l	96
36) 1,1-Dichloropropene	7.789	75	7981	4.568	ug/l #	72
37) Ethyl Acetate	6.984	43	10969	13.895	ug/l #	73
38) Carbon Tetrachloride	7.795	117	10296	5.186	ug/l #	15
39) Methylcyclohexane	9.185	83	314309	138.563	ug/l	88
40) Benzene	8.161	78	139400	29.018	ug/l	97
41) Methacrylonitrile	7.326	41	544	1.062	ug/l #	12
42) 1,2-Dichloroethane	8.240	62	5749	3.916	ug/l #	79
43) Isopropyl Acetate	8.265	43	65262	40.704	ug/l #	56
47) Bromodichloromethane	9.484	83	5720	3.321	ug/l #	24
48) Methyl methacrylate	9.325	41	8083	11.376	ug/l #	17
51) 4-Methyl-2-Pentanone	10.112	43	7133	8.958	ug/l #	85
52) Toluene	10.240	92	3426	1.112	ug/l	99
55) 1,1,2-Trichloroethane	10.618	97	38959	41.413	ug/l #	19
56) Ethyl methacrylate	10.520	69	8462	6.689	ug/l #	49
58) 2-Chloroethyl Vinyl ether	9.752	63	1024	1.553	ug/l #	48
59) 2-Hexanone	10.801	43	3181	5.534	ug/l #	28
67) Ethyl Benzene	11.593	91	837351	123.166	ug/l	100
68) m/p-Xylenes	11.709	106	192176	74.692	ug/l	100
69) o-Xylene	12.026	106	146694	60.255	ug/l	100
70) Styrene	12.032	104	8152	2.037	ug/l #	1
73) Isopropylbenzene	12.331	105	118003	19.082	ug/l	100

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

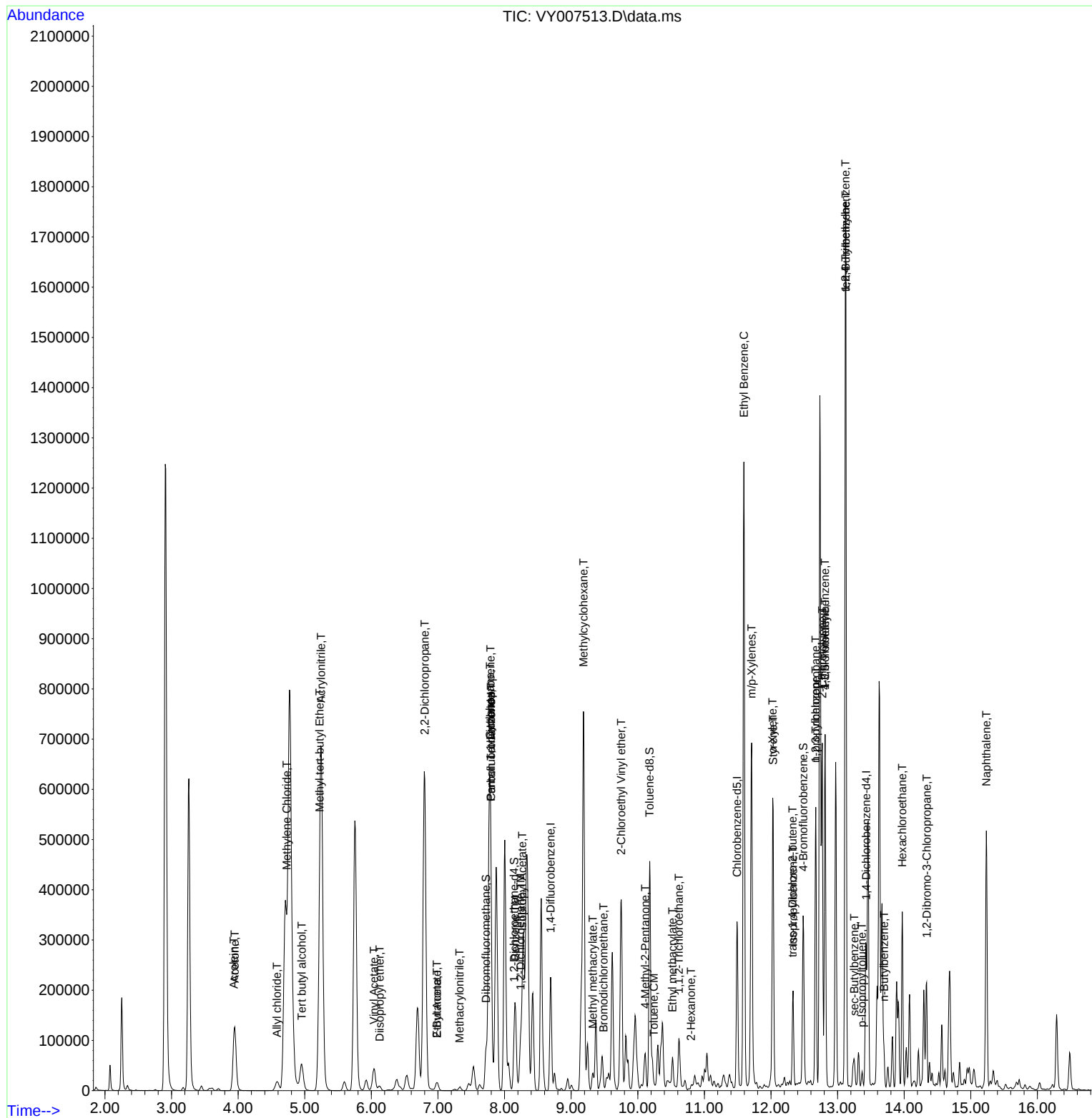
76) 1,2,3-Trichloropropane	12.672	75	2814	3.489	ug/l #	100	
78) n-propylbenzene	12.672	91	404413	54.346	ug/l	100	
79) 2-Chlorotoluene	12.770	91	37312	9.095	ug/l #	41	
80) 1,3,5-Trimethylbenzene	12.813	105	354669	69.240	ug/l	97	
81) trans-1,4-Dichloro-2-b...	12.325	75	1794	4.623	ug/l #	60	
82) 4-Chlorotoluene	12.813	91	41438	9.853	ug/l #	41	
83) tert-Butylbenzene	13.123	119	116324	25.983	ug/l #	62	
84) 1,2,4-Trimethylbenzene	13.117	105	959448	193.177	ug/l	99	
85) sec-Butylbenzene	13.251	105	31924	4.837	ug/l #	60	
86) p-Isopropyltoluene	13.367	119	14509	2.669	ug/l	99	
89) n-Butylbenzene	13.697	91	37152	7.187	ug/l #	70	
90) Hexachloroethane	13.971	117	15762	15.174	ug/l #	6	
92) 1,2-Dibromo-3-Chloropr...	14.337	75	1030	5.728	ug/l #	6	
95) Naphthalene	15.233	128	407148	137.096	ug/l	99	

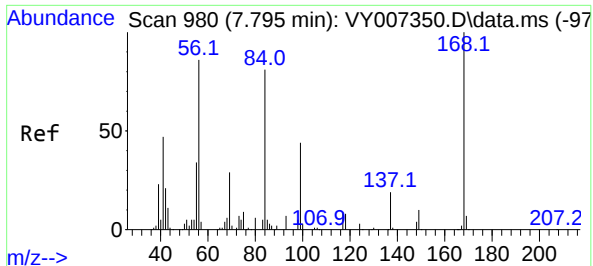
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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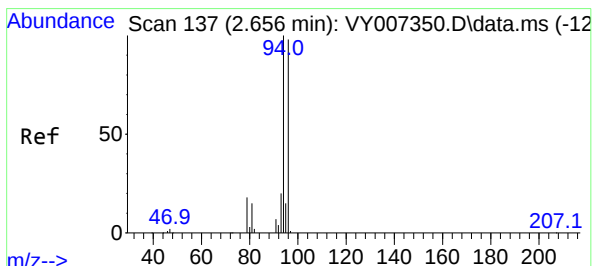
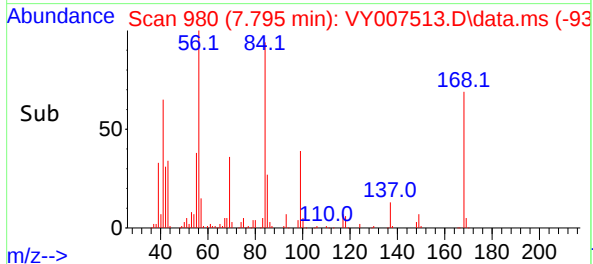
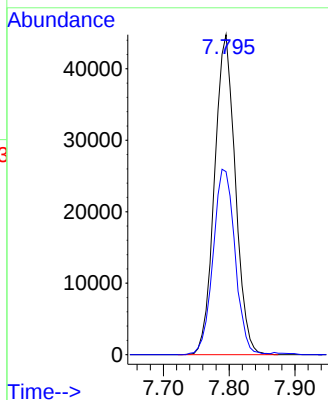
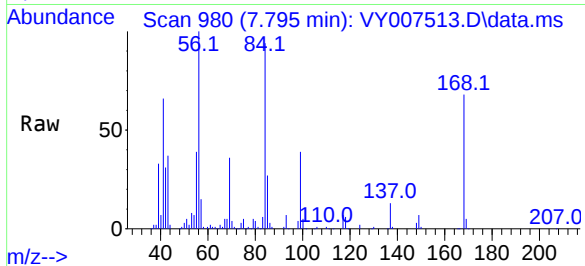




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

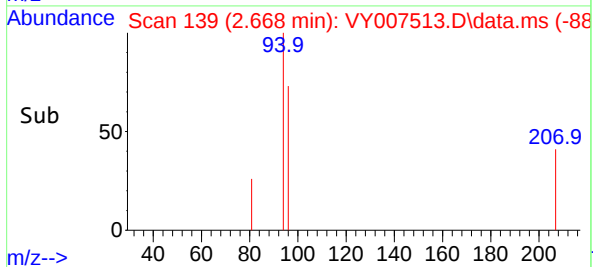
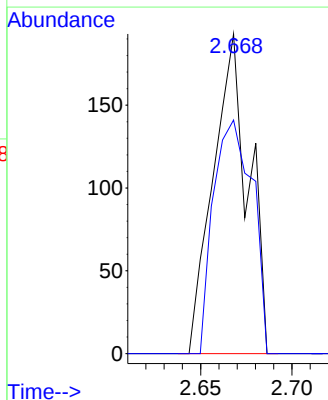
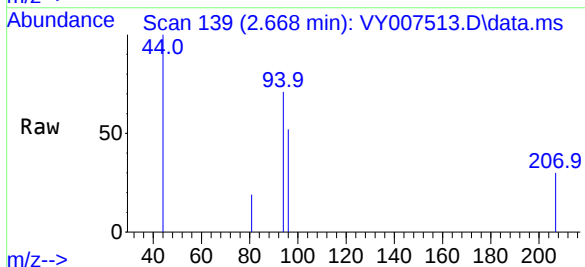
Instrument :
MSVOA_Y
ClientSampleId :

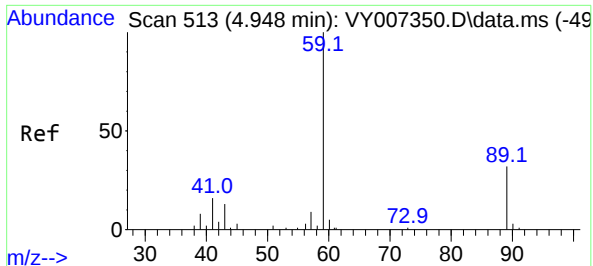
Tgt Ion:168 Resp: 98590
Ion Ratio Lower Upper
168 100
99 57.2 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

Tgt Ion: 94 Resp: 258
Ion Ratio Lower Upper
94 100
96 73.1 73.5 110.3#

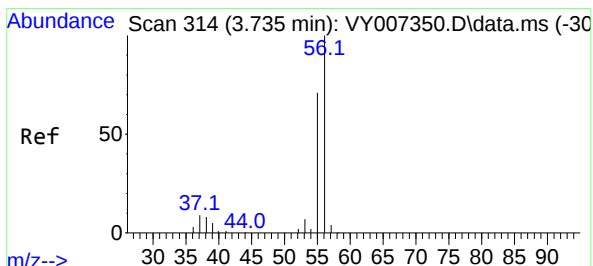
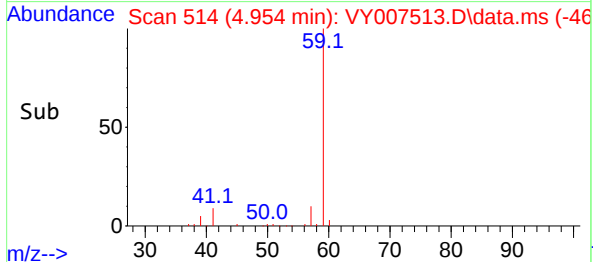
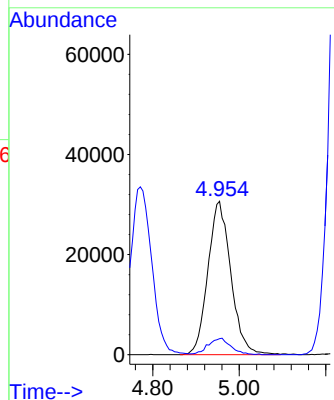
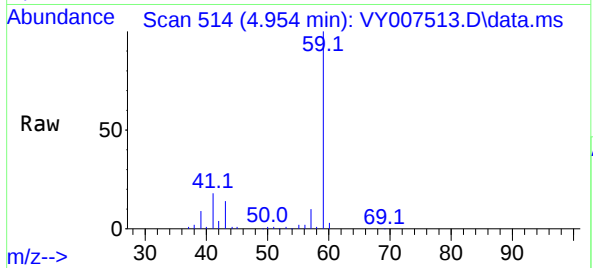




#11
Tert butyl alcohol
Concen: 1326.803 ug/l
RT: 4.954 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

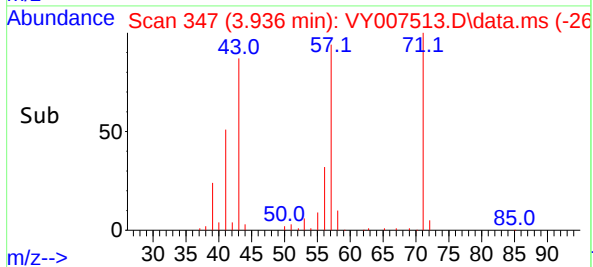
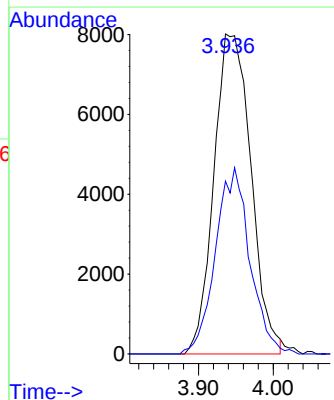
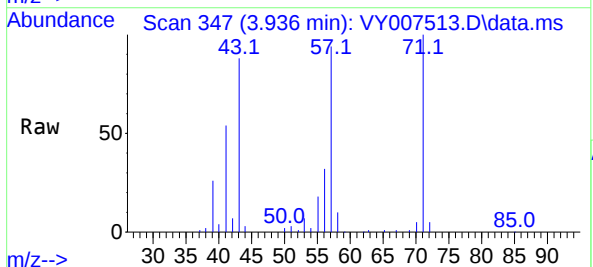
Instrument :
MSVOA_Y
ClientSampleId :

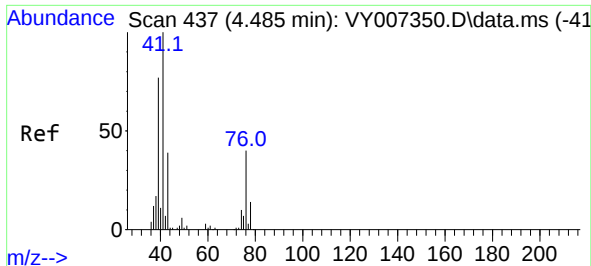
Tgt Ion: 59 Resp: 112973
Ion Ratio Lower Upper
59 100
57 10.2 6.4 9.6#



#13
Acrolein
Concen: 323.233 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.201 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

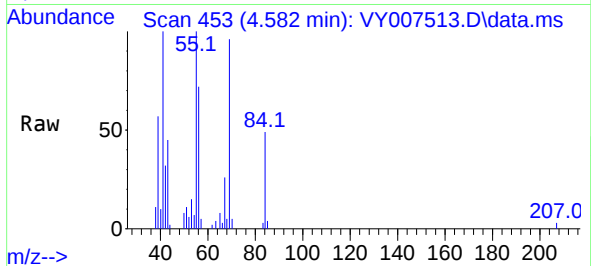
Tgt Ion: 56 Resp: 27638
Ion Ratio Lower Upper
56 100
55 53.7 57.6 86.4#



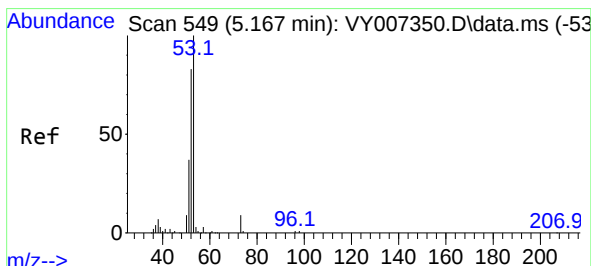
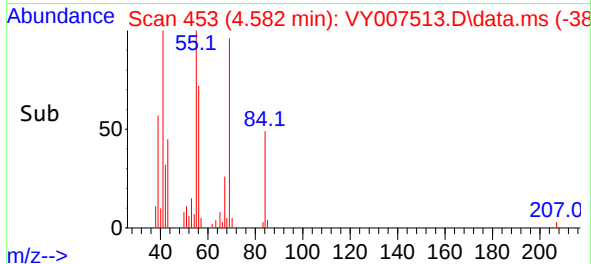
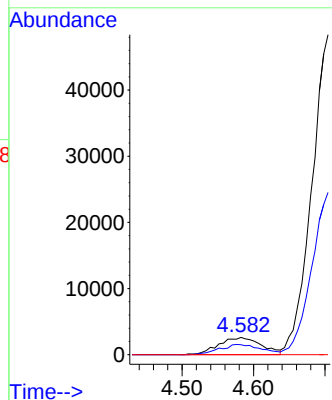


#14
 Allyl chloride
 Concen: 7.184 ug/l
 RT: 4.582 min Scan# 41
 Delta R.T. 0.097 min
 Lab File: VY007513.D
 Acq: 16 Feb 2022 16:39

Instrument :
 MSVOA_Y
 ClientSampleId :

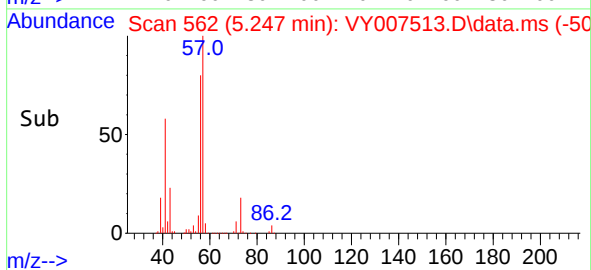
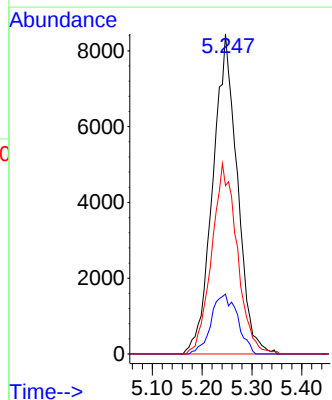
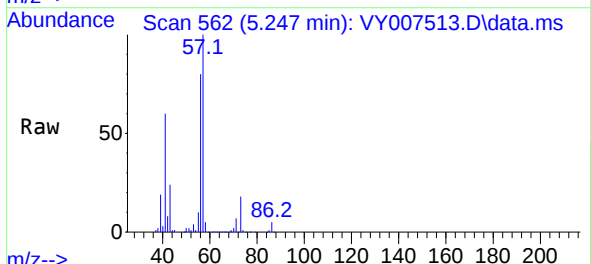


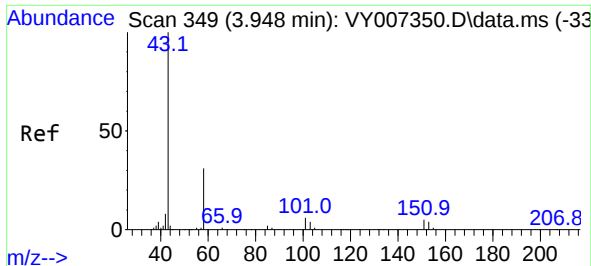
Tgt Ion: 41 Resp: 10809
 Ion Ratio Lower Upper
 41 100
 39 58.1 58.8 88.2#
 76 0.0 25.1 37.7#



#15
 Acrylonitrile
 Concen: 108.565 ug/l
 RT: 5.247 min Scan# 562
 Delta R.T. 0.080 min
 Lab File: VY007513.D
 Acq: 16 Feb 2022 16:39

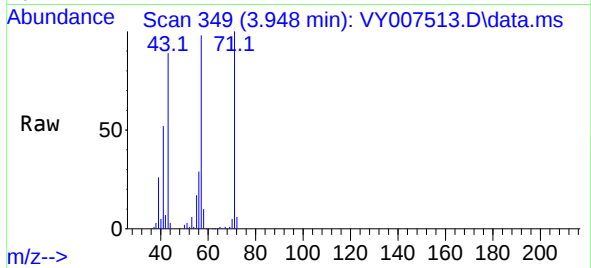
Tgt Ion: 53 Resp: 28811
 Ion Ratio Lower Upper
 53 100
 52 20.1 67.0 100.4#
 51 61.9 29.8 44.6#



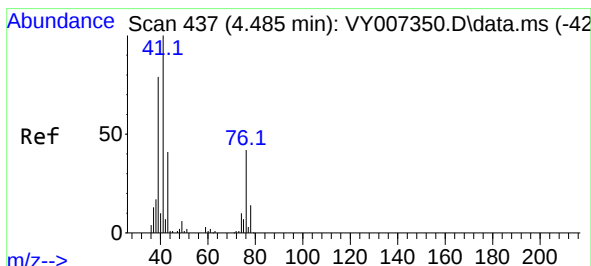
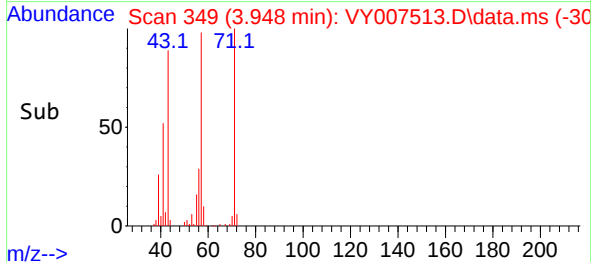
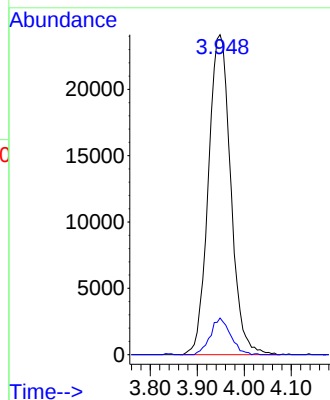


#16
Acetone
Concen: 275.787 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

Instrument :
MSVOA_Y
ClientSampleId :

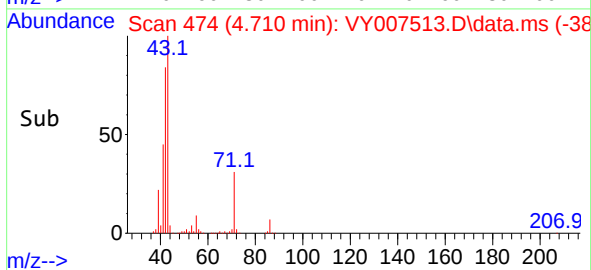
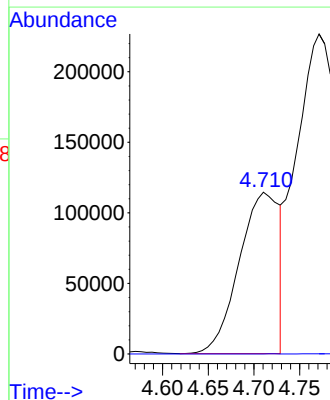
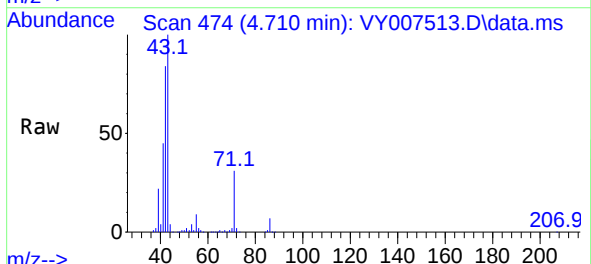


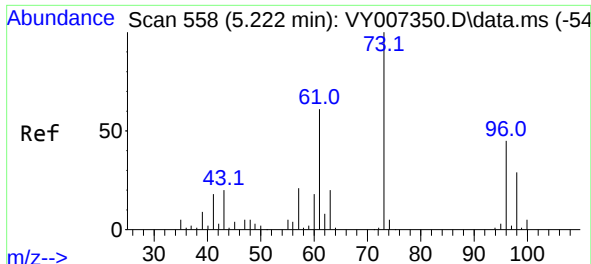
Tgt Ion: 43 Resp: 79644
Ion Ratio Lower Upper
43 100
58 11.5 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.225 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

Tgt Ion: 43 Resp: 350155
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 62.745 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY007513.D

Acq: 16 Feb 2022 16:39

Instrument :

MSVOA_Y

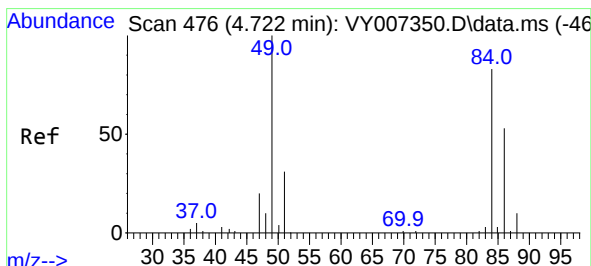
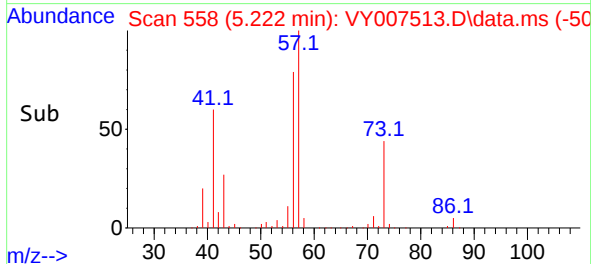
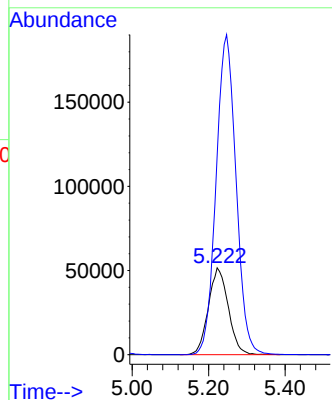
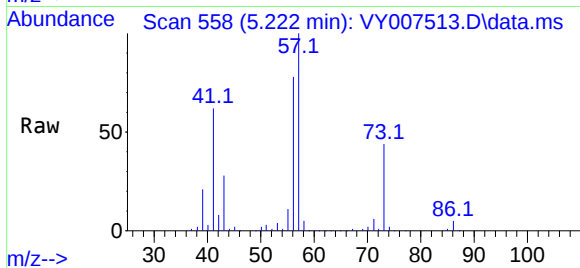
ClientSampleId :

Tgt Ion: 73 Resp: 186287

Ion Ratio Lower Upper

73 100

57 229.0 18.6 27.8#



#20

Methylene Chloride

Concen: 2.119 ug/l

RT: 4.729 min Scan# 477

Delta R.T. 0.007 min

Lab File: VY007513.D

Acq: 16 Feb 2022 16:39

Tgt Ion: 84 Resp: 2508

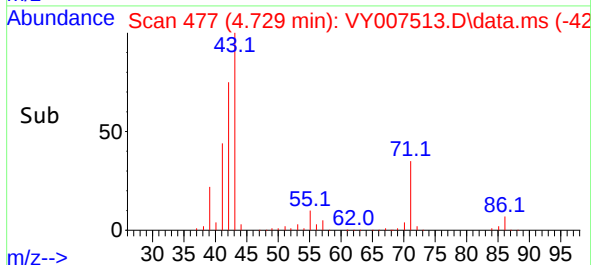
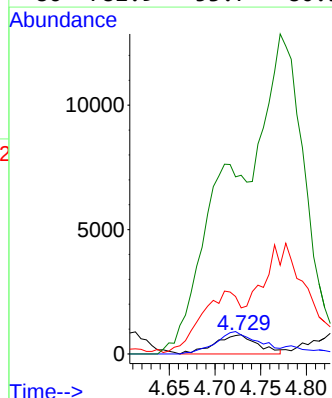
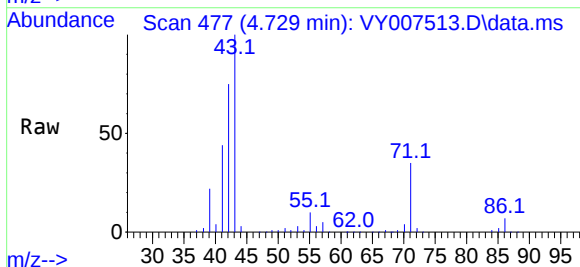
Ion Ratio Lower Upper

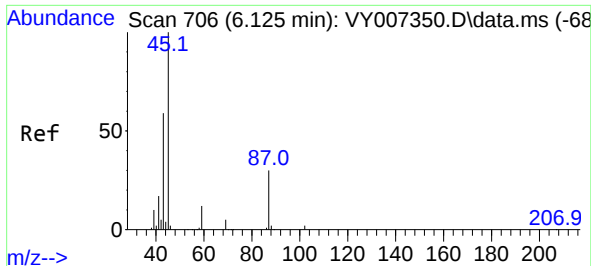
84 100

49 99.2 114.4 171.6#

51 198.2 35.3 52.9#

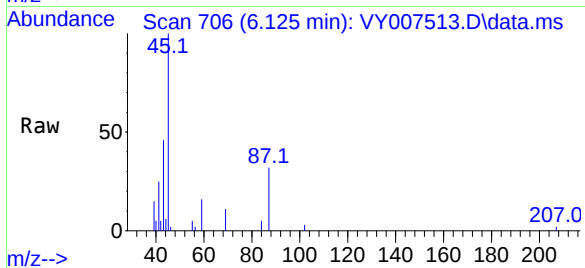
86 782.9 53.7 80.5#



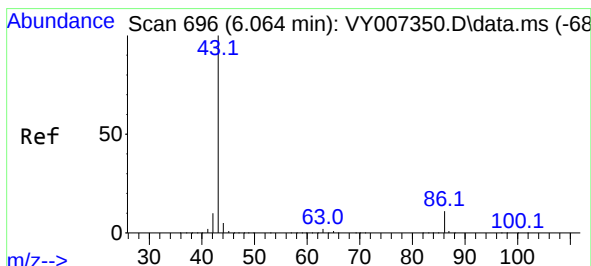
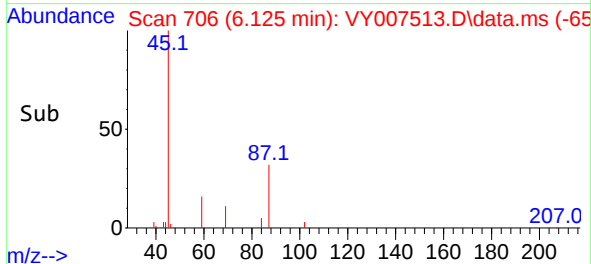
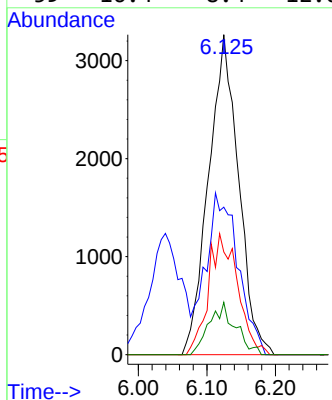


#22
Diisopropyl ether
Concen: 3.138 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.000 min
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Acq: 16 Feb 2022 16:39

Instrument :
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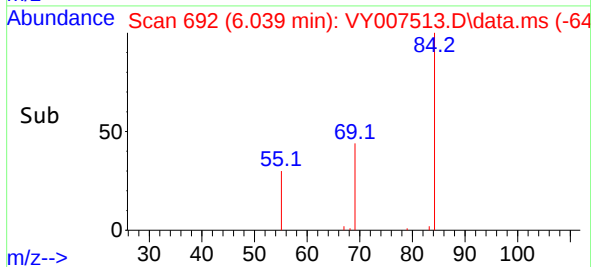
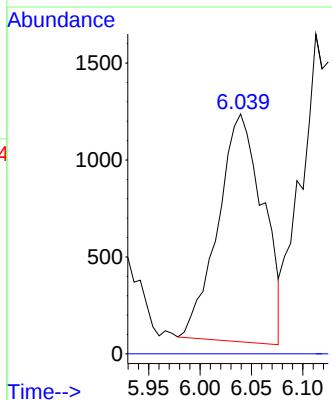
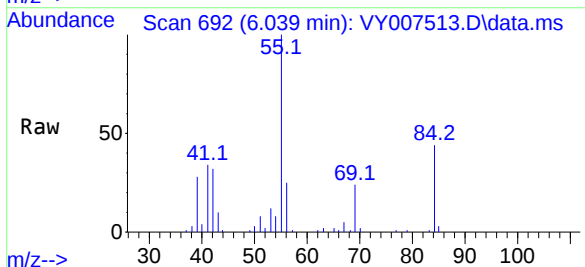


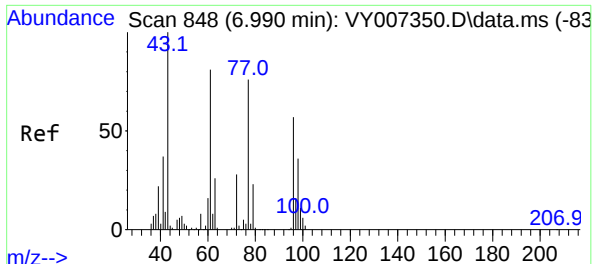
Tgt Ion:	45	Resp:	9926
Ion	Ratio	Lower	Upper
45	100		
43	46.1	49.3	73.9#
87	32.1	19.2	28.8#
59	16.4	8.4	12.6#



#23
Vinyl Acetate
Concen: 1.775 ug/l
RT: 6.039 min Scan# 692
Delta R.T. -0.025 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

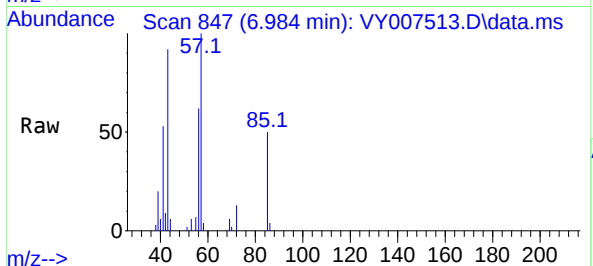
Tgt Ion:	43	Resp:	3583
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.1	10.7#



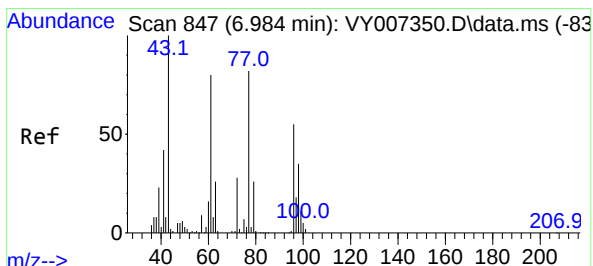
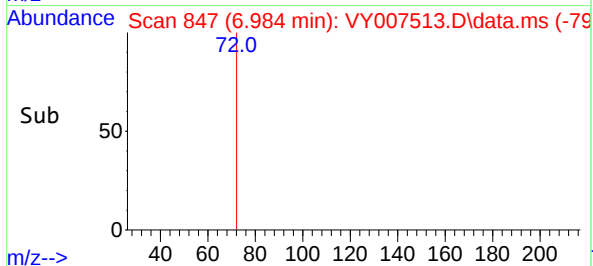
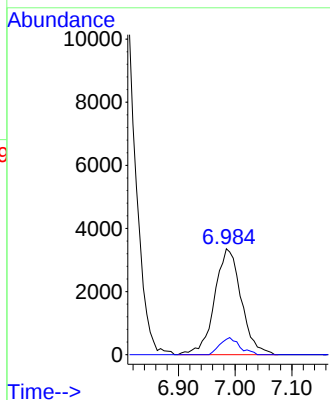


#25
2-Butanone
Concen: 30.677 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

Instrument :
MSVOA_Y
ClientSampleId :

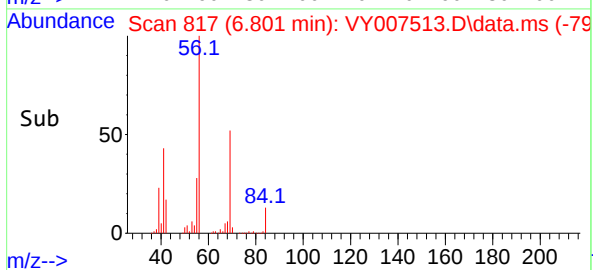
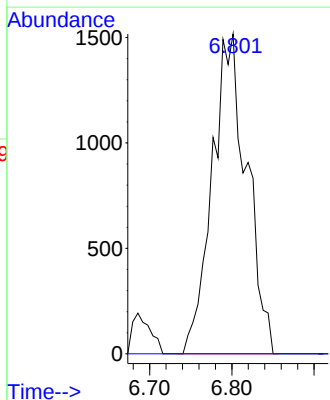
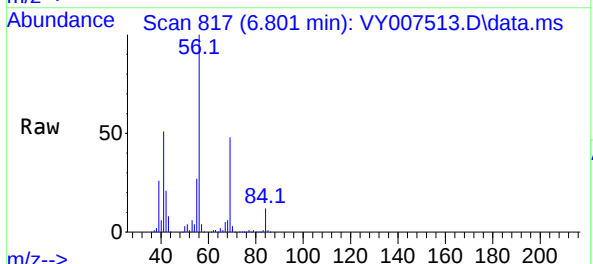


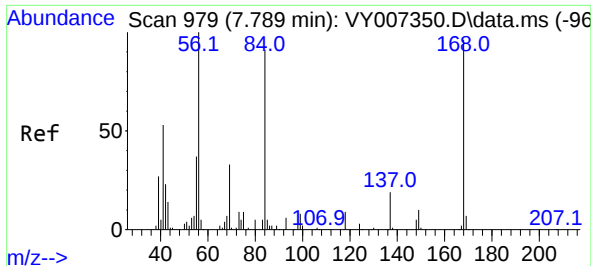
Tgt Ion: 43 Resp: 10969
Ion Ratio Lower Upper
43 100
72 14.5 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 2.247 ug/l
RT: 6.801 min Scan# 817
Delta R.T. -0.183 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

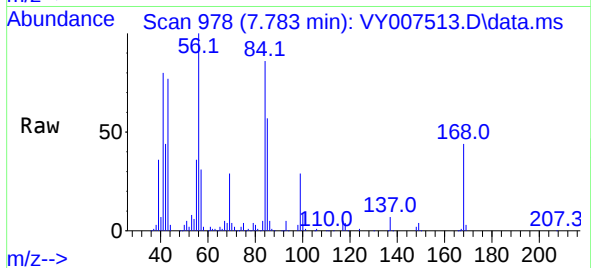
Tgt Ion: 77 Resp: 4452
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



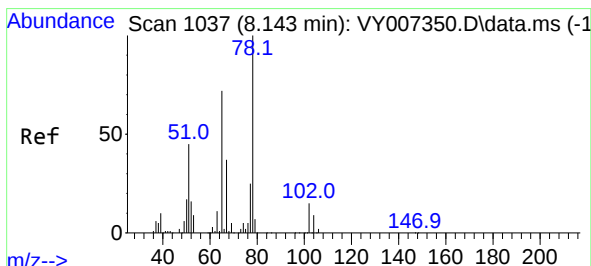
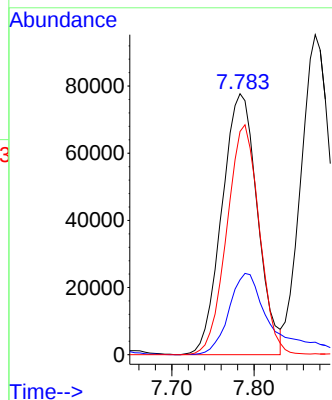
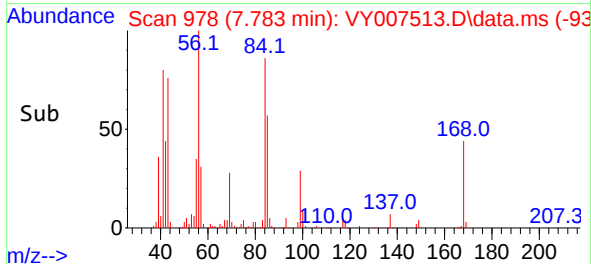


#31
Cyclohexane
Concen: 121.648 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

Instrument :
MSVOA_Y
ClientSampleId :

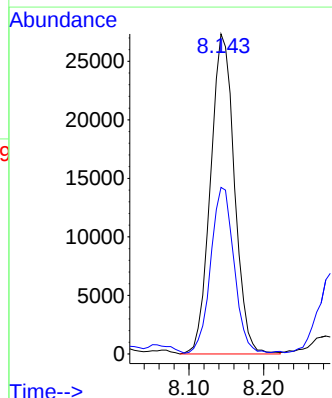
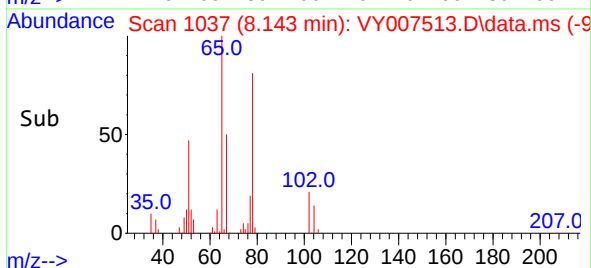
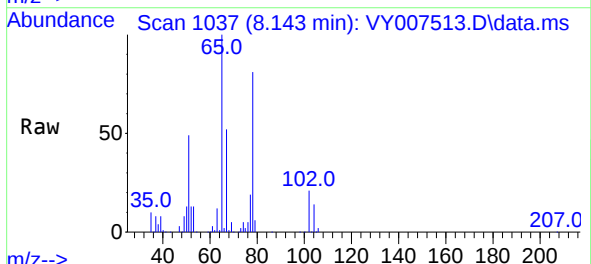


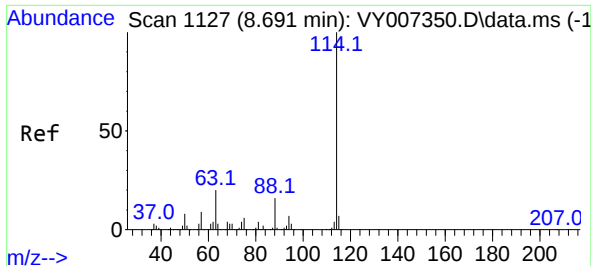
Tgt Ion: 56 Resp: 234161
Ion Ratio Lower Upper
56 100
69 28.7 26.7 40.1
84 85.5 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 55.772 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

Tgt Ion: 65 Resp: 60707
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.4

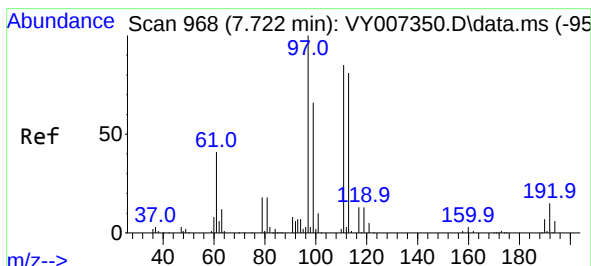
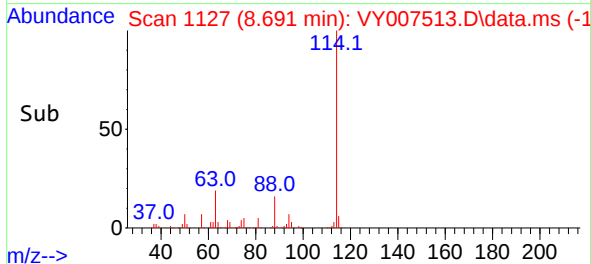
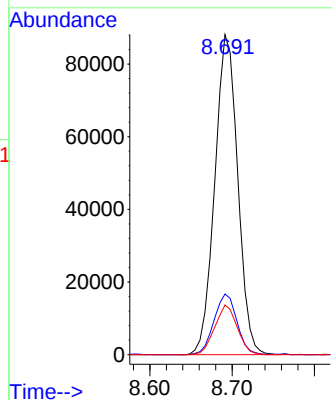
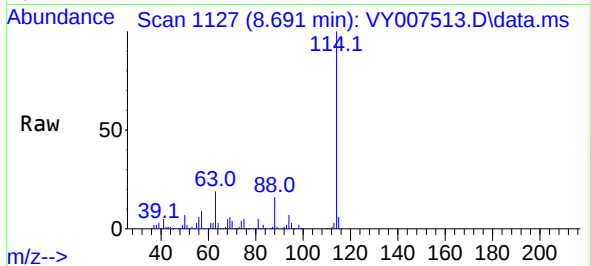




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

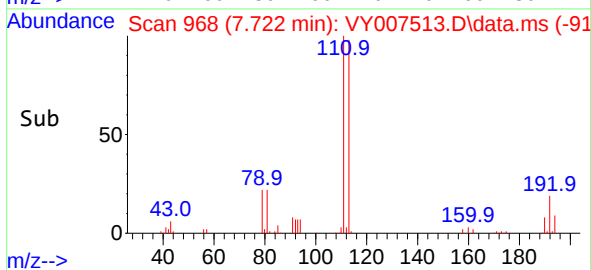
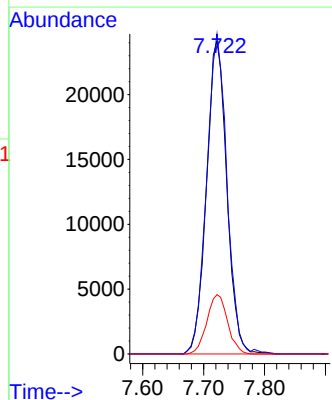
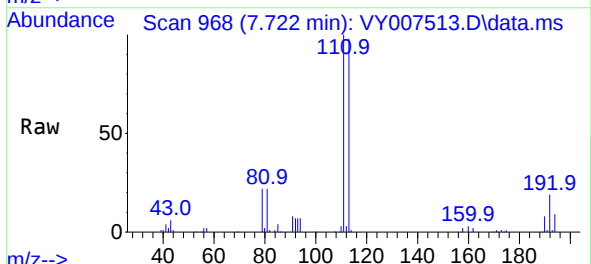
Instrument :
MSVOA_Y
ClientSampleId :

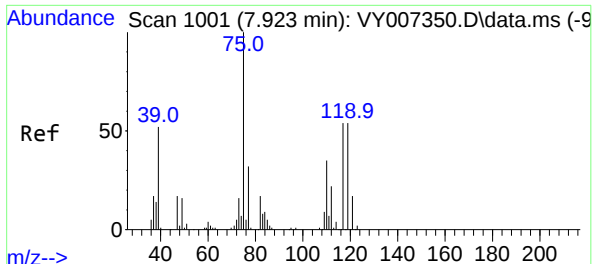
Tgt Ion:114 Resp: 171002
Ion Ratio Lower Upper
114 100
63 18.9 0.0 43.2
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.868 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

Tgt Ion:113 Resp: 55934
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 19.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.568 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY007513.D

Acq: 16 Feb 2022 16:39

Instrument :

MSVOA_Y

ClientSampleId :

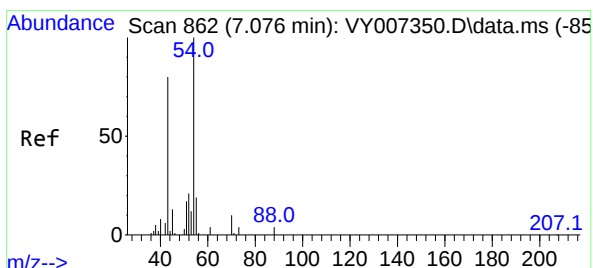
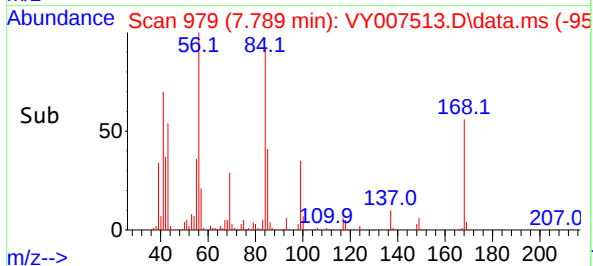
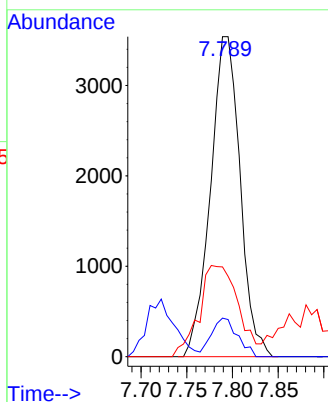
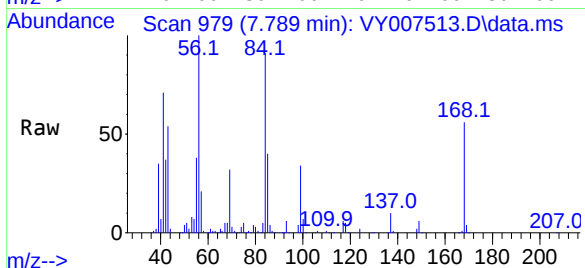
Tgt Ion: 75 Resp: 7981

Ion Ratio Lower Upper

75 100

110 10.5 17.1 51.2#

77 37.9 24.4 36.6#



#37

Ethyl Acetate

Concen: 13.895 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.092 min

Lab File: VY007513.D

Acq: 16 Feb 2022 16:39

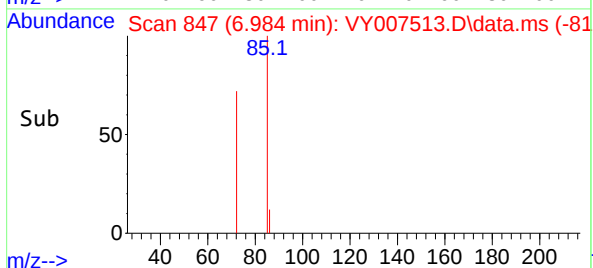
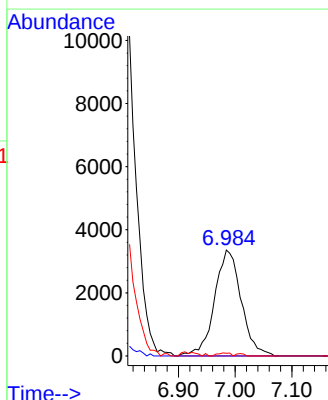
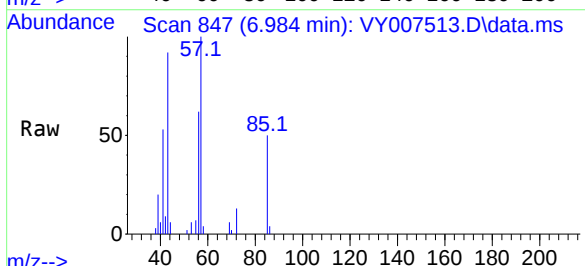
Tgt Ion: 43 Resp: 10969

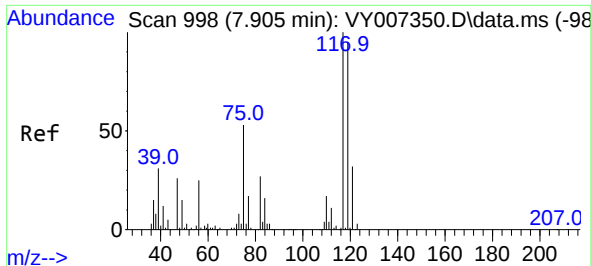
Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

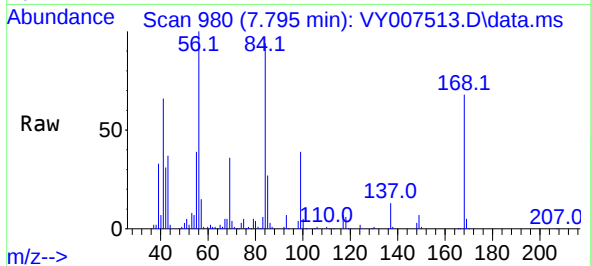
70 1.3 7.1 10.7#



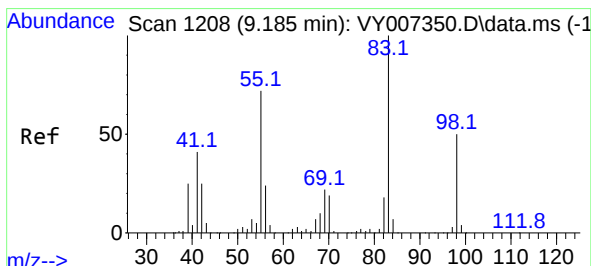
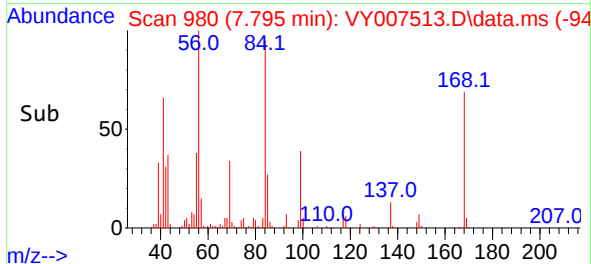
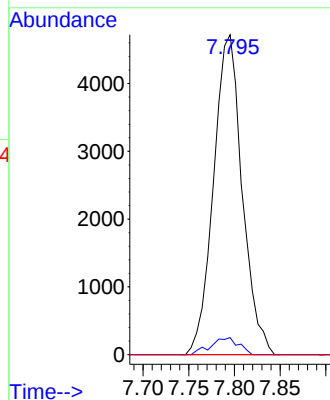


#38
Carbon Tetrachloride
Concen: 5.186 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

Instrument :
MSVOA_Y
ClientSampleId :

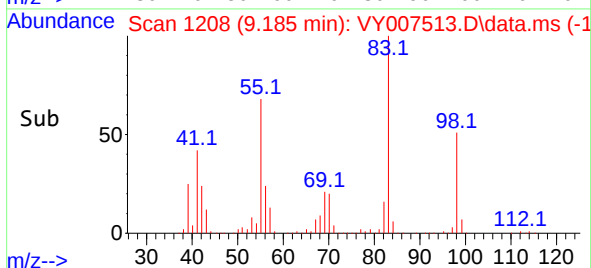
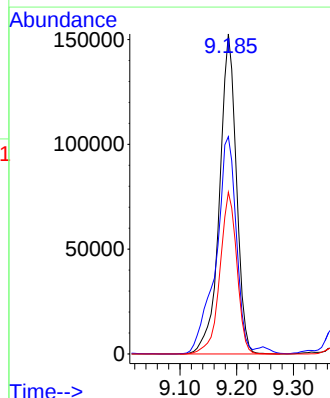
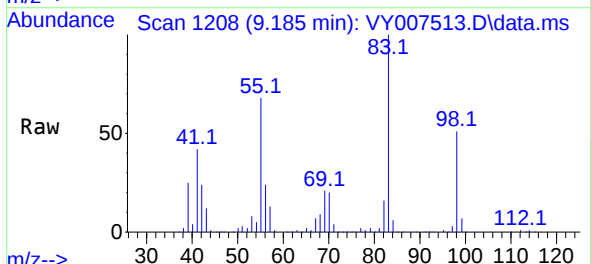


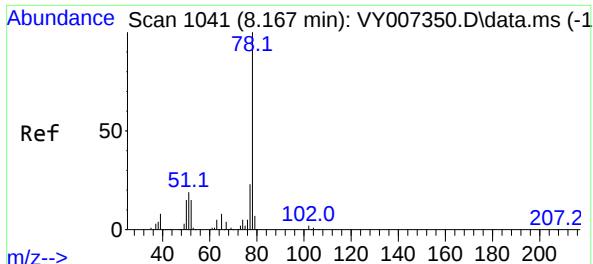
Tgt Ion:117 Resp: 10296
Ion Ratio Lower Upper
117 100
119 5.3 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 138.563 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

Tgt Ion: 83 Resp: 314309
Ion Ratio Lower Upper
83 100
55 67.8 66.5 99.7
98 50.6 37.9 56.9

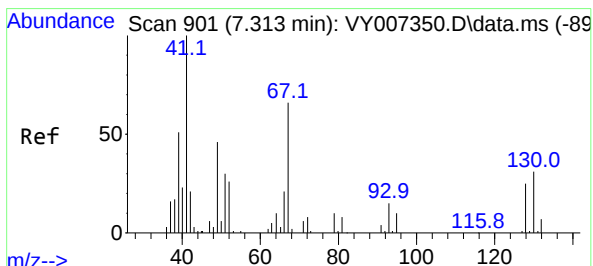
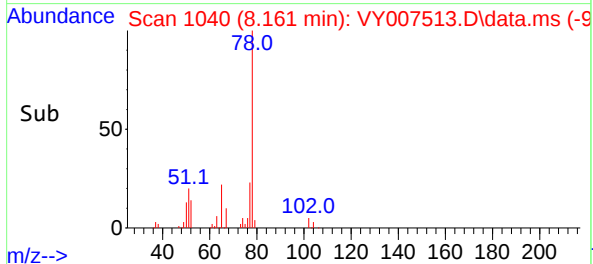
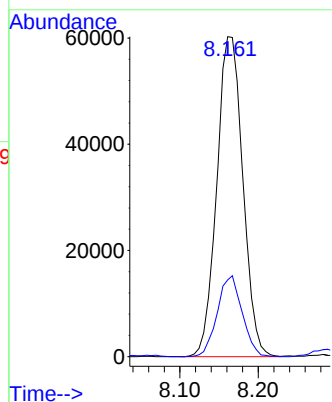
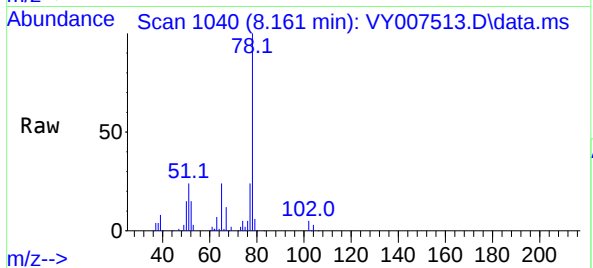




#40
Benzene
Concen: 29.018 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

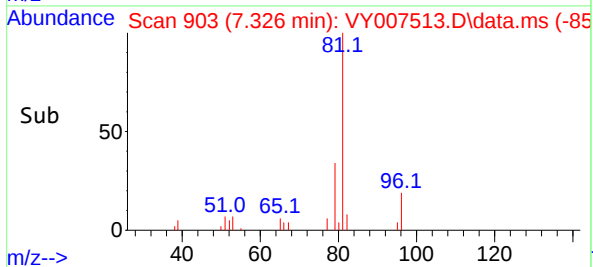
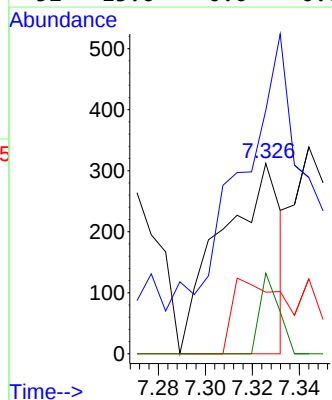
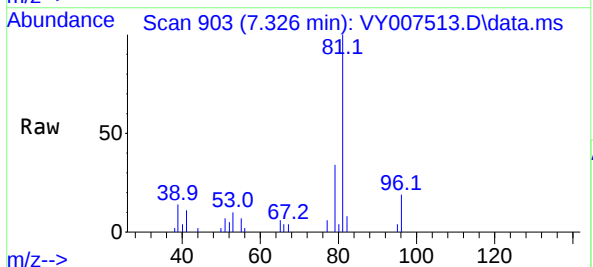
Instrument :
MSVOA_Y
ClientSampleId :

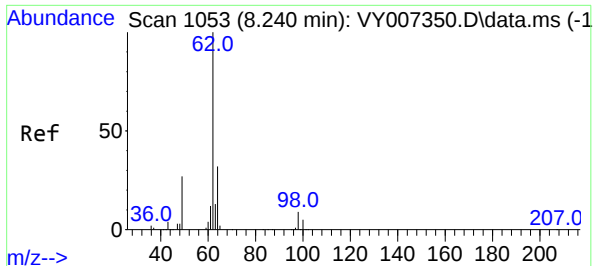
Tgt Ion: 78 Resp: 139400
Ion Ratio Lower Upper
78 100
77 24.0 20.4 30.6



#41
Methacrylonitrile
Concen: 1.062 ug/l
RT: 7.326 min Scan# 903
Delta R.T. 0.013 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

Tgt Ion: 41 Resp: 544
Ion Ratio Lower Upper
41 100
39 211.6 92.9 139.3#
67 45.8 0.0 0.0#
52 13.6 0.0 0.0#





#42

1,2-Dichloroethane

Concen: 3.916 ug/l

RT: 8.240 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VY007513.D

Acq: 16 Feb 2022 16:39

Instrument :

MSVOA_Y

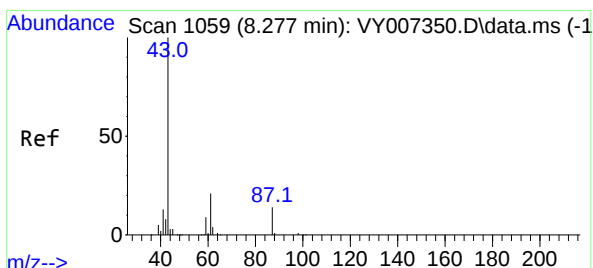
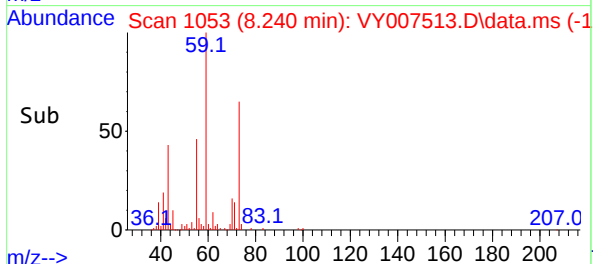
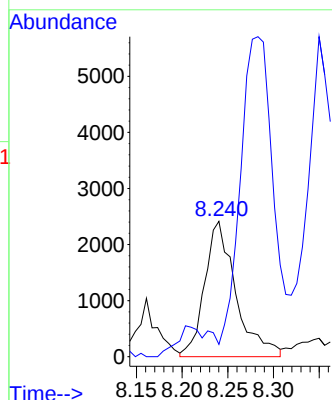
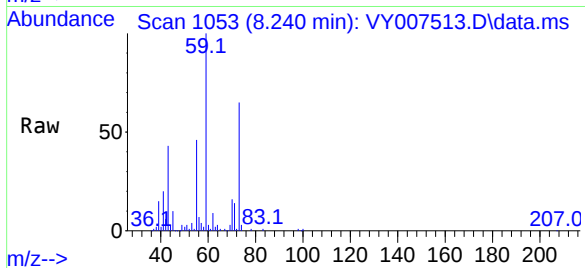
ClientSampleId :

Tgt Ion: 62 Resp: 5749

Ion Ratio Lower Upper

62 100

98 0.0 0.0 14.8



#43

Isopropyl Acetate

Concen: 40.704 ug/l

RT: 8.265 min Scan# 1057

Delta R.T. -0.012 min

Lab File: VY007513.D

Acq: 16 Feb 2022 16:39

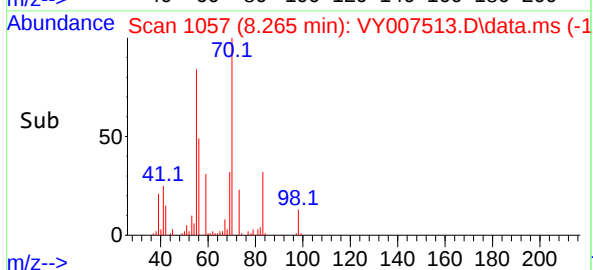
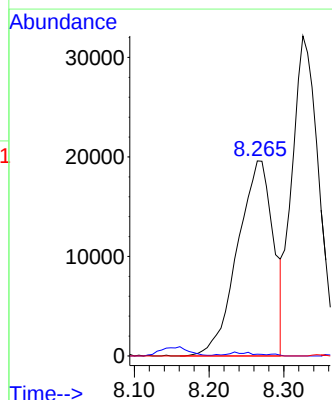
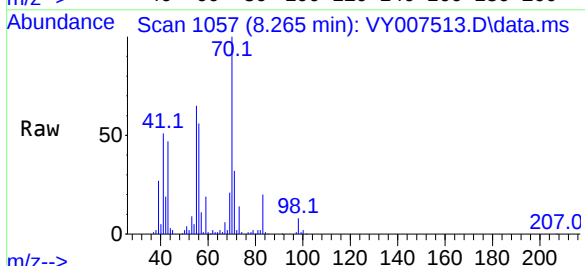
Tgt Ion: 43 Resp: 65262

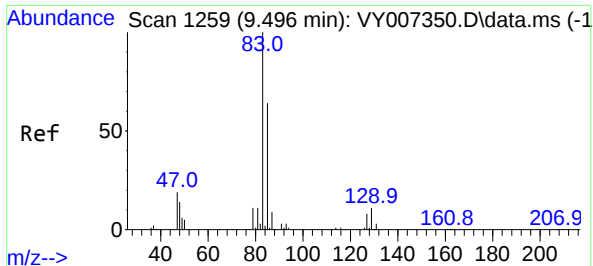
Ion Ratio Lower Upper

43 100

61 0.0 20.2 30.2#

87 0.0 8.9 13.3#

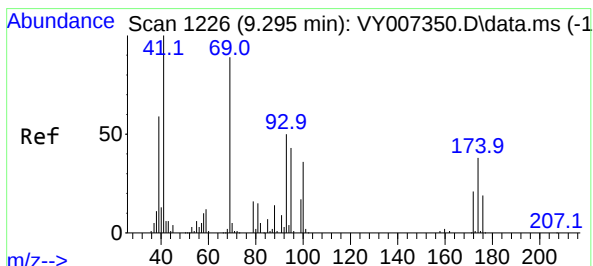
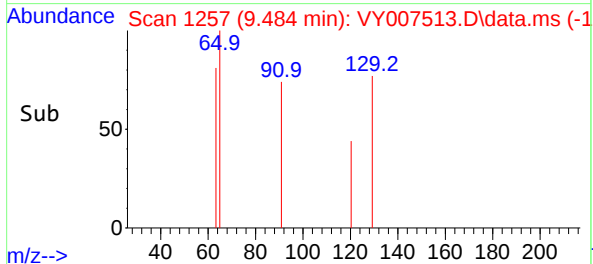
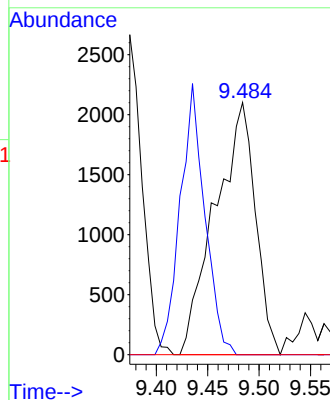
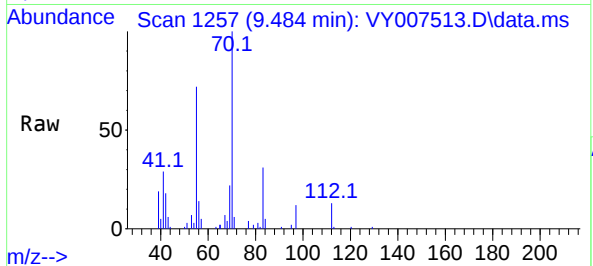




#47
Bromodichloromethane
Concen: 3.321 ug/l
RT: 9.484 min Scan# 1257
Delta R.T. -0.012 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

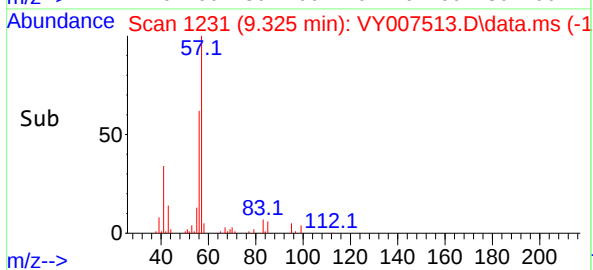
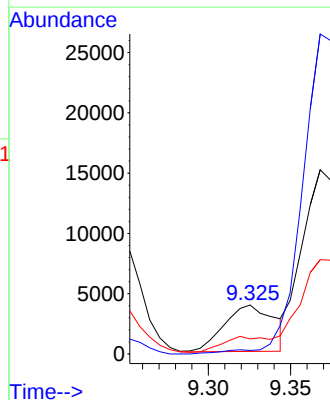
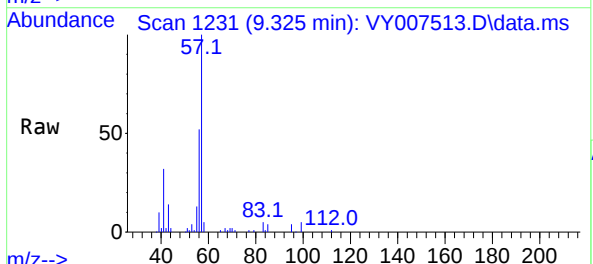
Instrument :
MSVOA_Y
ClientSampleId :

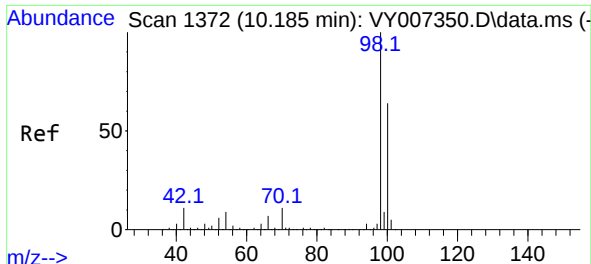
Tgt Ion: 83 Resp: 5720
Ion Ratio Lower Upper
83 100
85 0.0 51.9 77.9#
127 0.0 6.6 10.0#



#48
Methyl methacrylate
Concen: 11.376 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.030 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

Tgt Ion: 41 Resp: 8083
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 0.0 47.4 71.0#

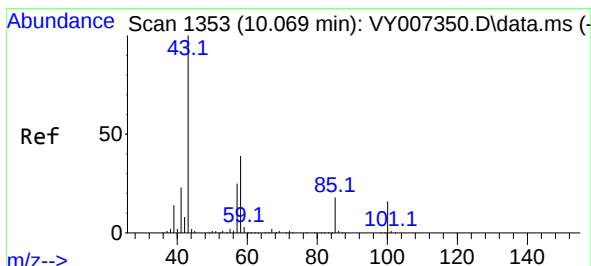
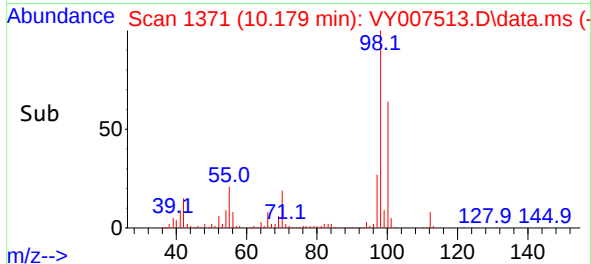
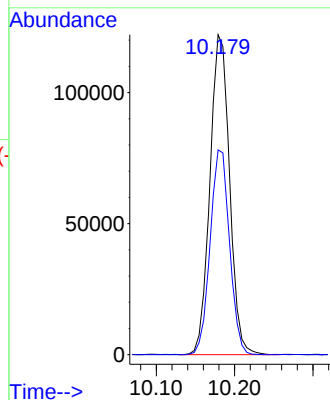
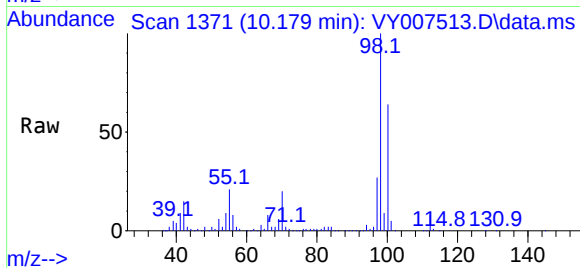




#50
Toluene-d8
Concen: 51.860 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

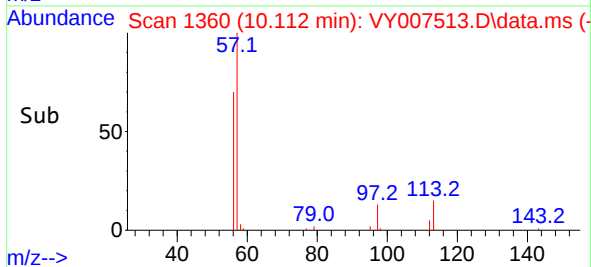
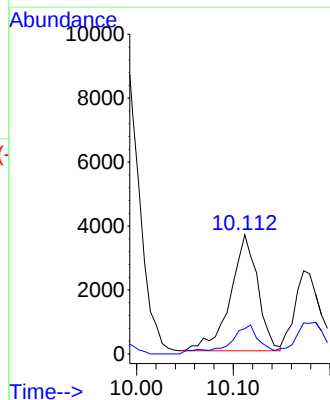
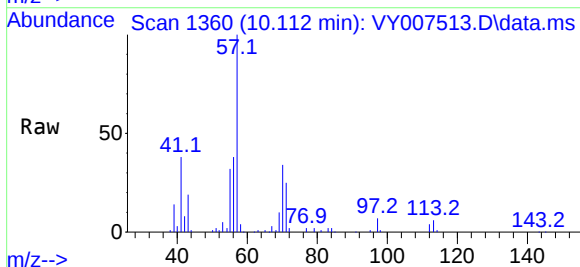
Instrument :
MSVOA_Y
ClientSampleId :

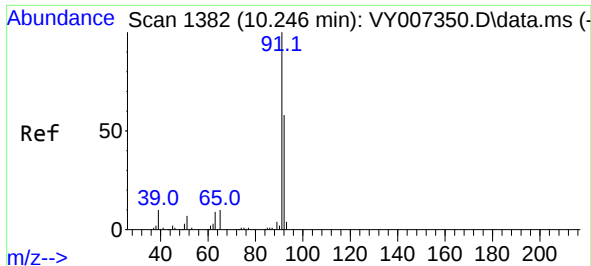
Tgt Ion: 98 Resp: 212408
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 8.958 ug/l
RT: 10.112 min Scan# 1360
Delta R.T. 0.043 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

Tgt Ion: 43 Resp: 7133
Ion Ratio Lower Upper
43 100
58 26.7 28.1 42.1#

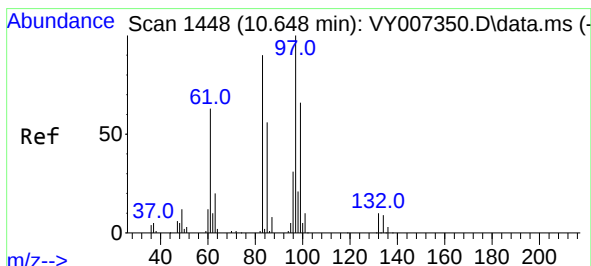
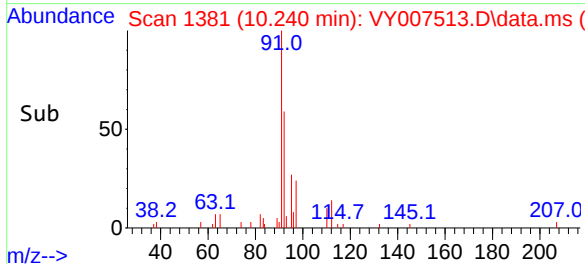
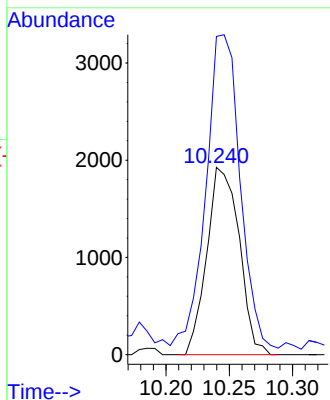
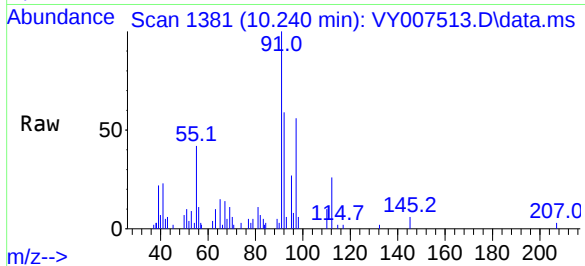




#52
Toluene
Concen: 1.112 ug/l
RT: 10.240 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

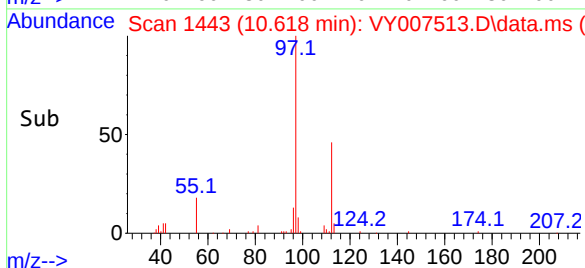
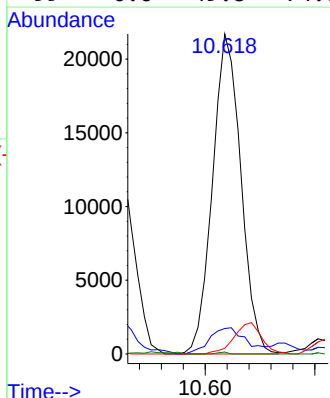
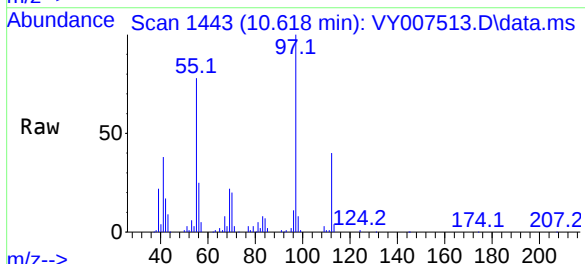
Instrument :
MSVOA_Y
ClientSampleId :

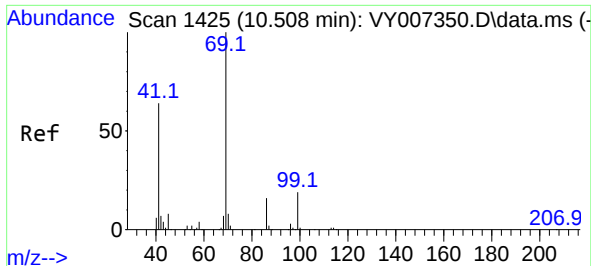
Tgt Ion: 92 Resp: 3426
Ion Ratio Lower Upper
92 100
91 177.1 142.6 213.8



#55
1,1,2-Trichloroethane
Concen: 41.413 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.030 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

Tgt Ion: 97 Resp: 38959
Ion Ratio Lower Upper
97 100
83 8.0 69.8 104.8#
85 1.7 44.3 66.5#
99 0.6 49.8 74.6#

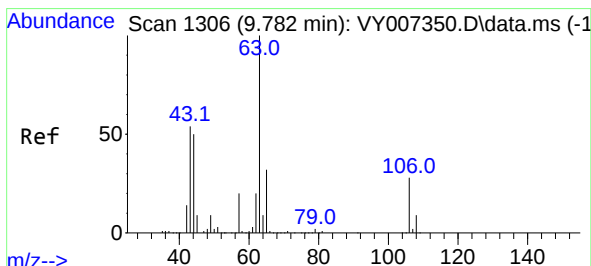
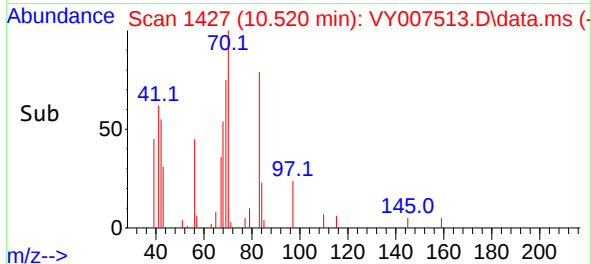
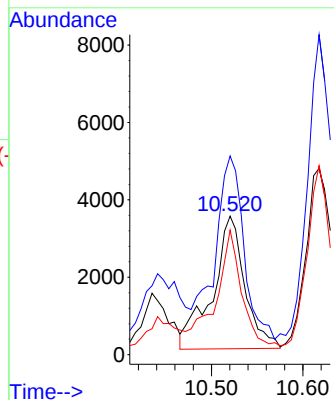
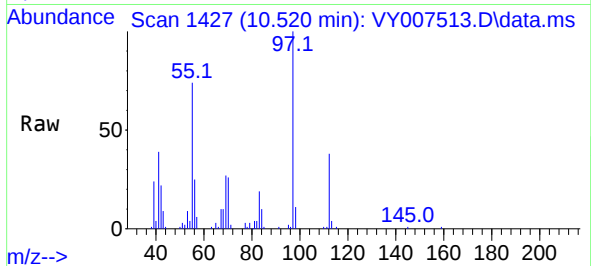




#56
Ethyl methacrylate
Concen: 6.689 ug/l
RT: 10.520 min Scan# 1425
Delta R.T. 0.012 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

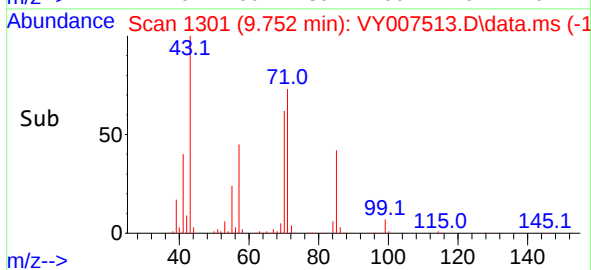
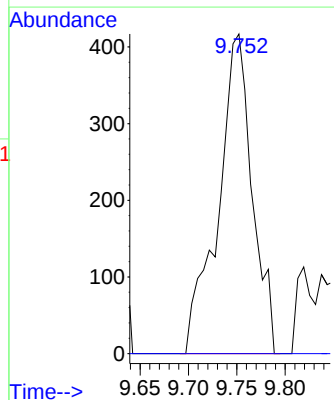
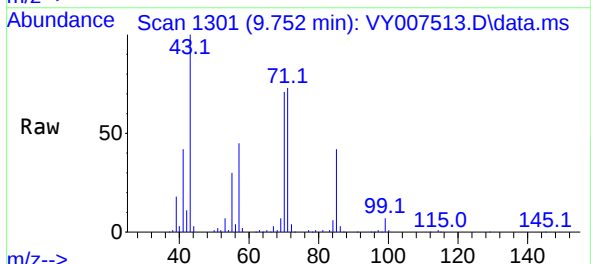
Instrument :
MSVOA_Y
ClientSampleId :

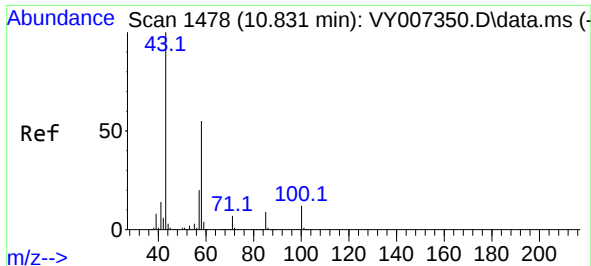
Tgt Ion: 69 Resp: 8462
Ion Ratio Lower Upper
69 100
41 131.3 63.4 95.0#
39 68.2 35.8 53.8#



#58
2-Chloroethyl Vinyl ether
Concen: 1.553 ug/l
RT: 9.752 min Scan# 1301
Delta R.T. -0.030 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

Tgt Ion: 63 Resp: 1024
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#

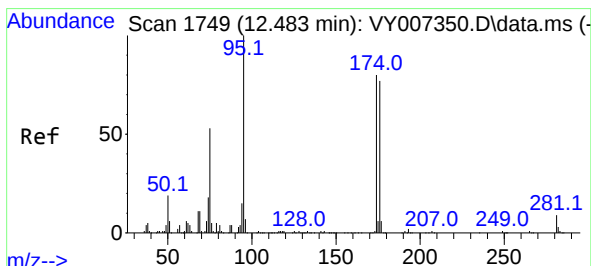
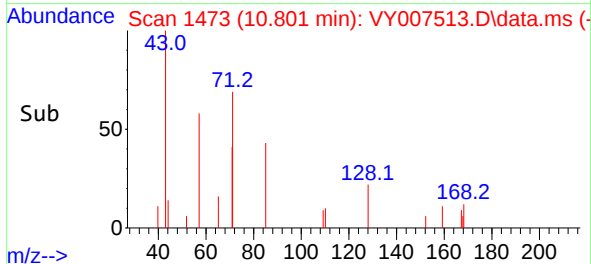
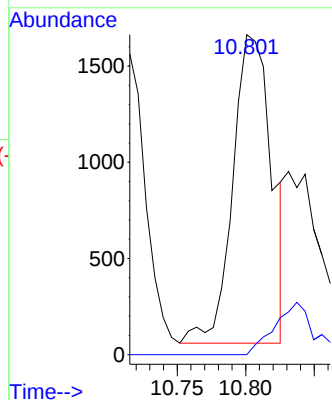
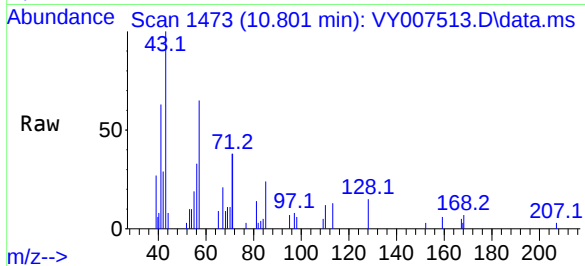




#59
2-Hexanone
Concen: 5.534 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

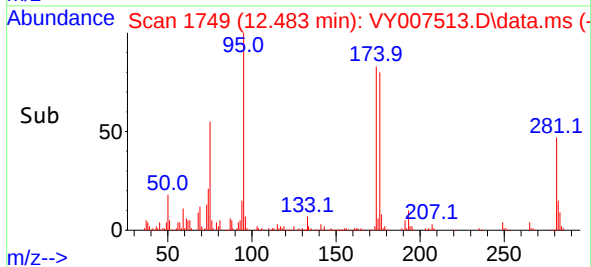
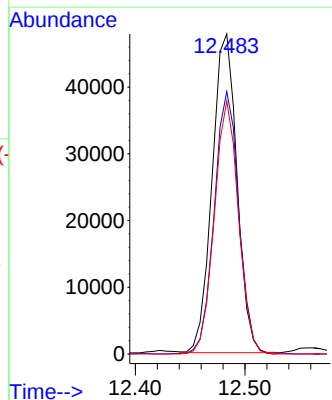
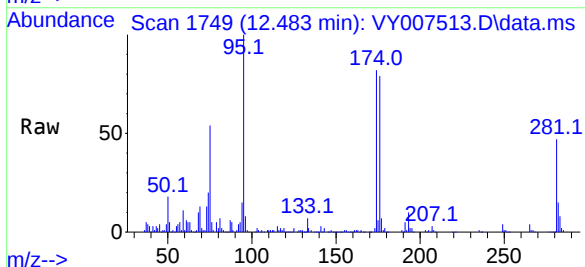
Instrument :
MSVOA_Y
ClientSampleId :

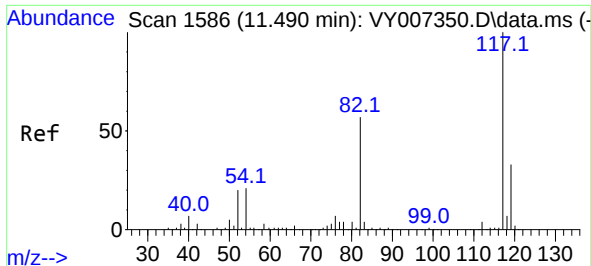
Tgt Ion: 43 Resp: 3181
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#



#62
4-Bromofluorobenzene
Concen: 54.018 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

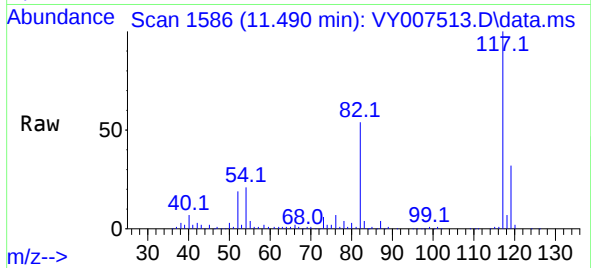
Tgt Ion: 95 Resp: 75021
Ion Ratio Lower Upper
95 100
174 81.4 0.0 177.0
176 77.2 0.0 175.8



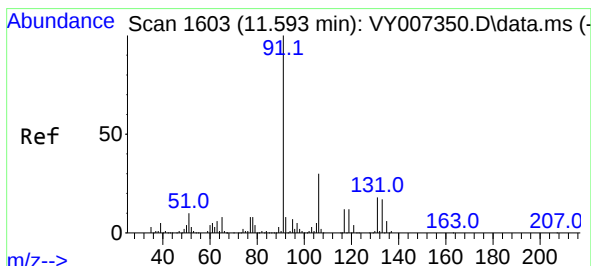
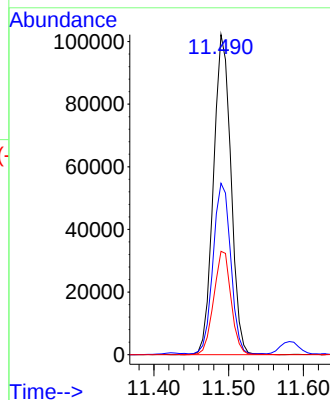
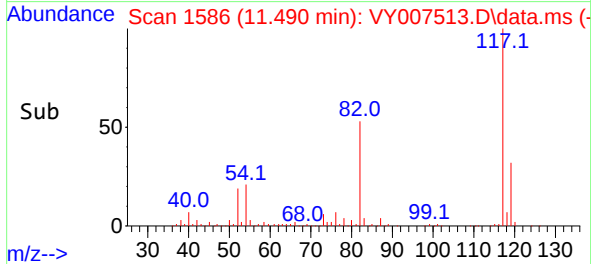


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

Instrument :
MSVOA_Y
ClientSampleId :

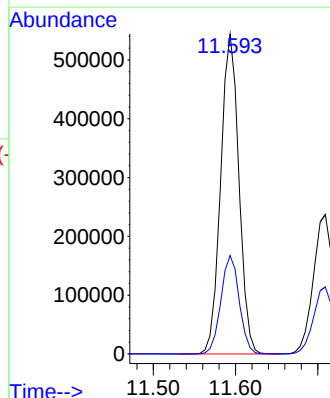
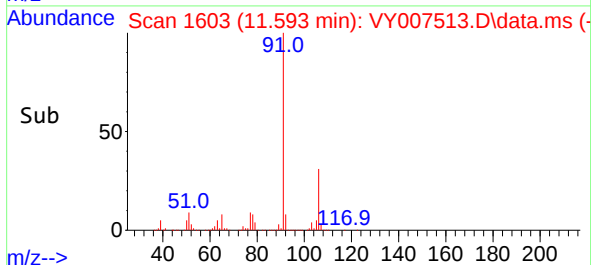
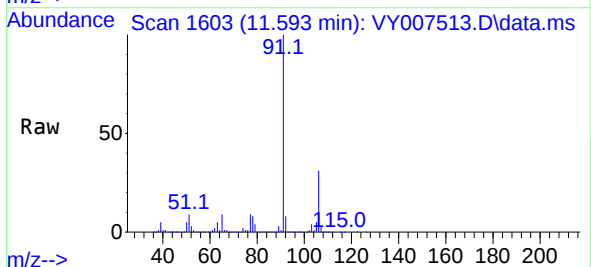


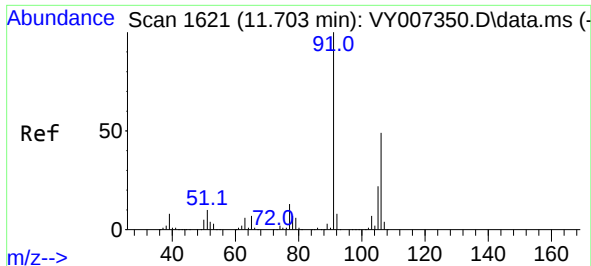
Tgt Ion:117 Resp: 165850
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 32.3 25.4 38.0



#67
Ethyl Benzene
Concen: 123.166 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

Tgt Ion: 91 Resp: 837351
Ion Ratio Lower Upper
91 100
106 30.8 24.5 36.7

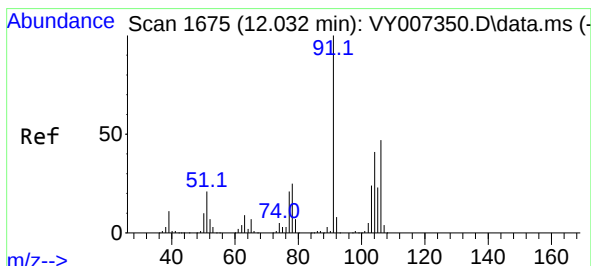
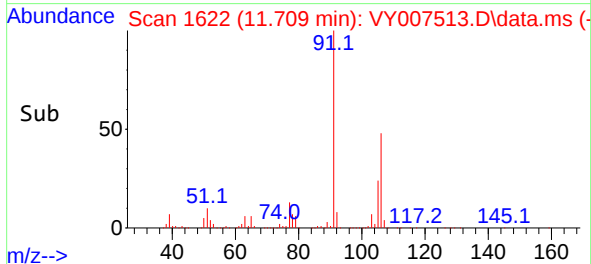
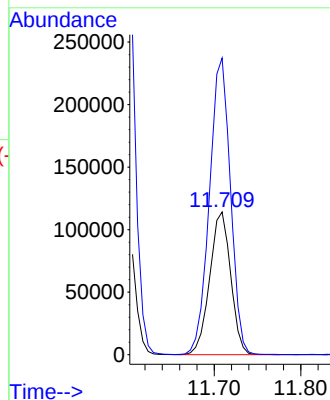
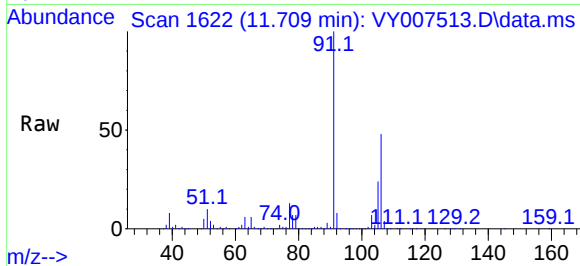




#68
m/p-Xylenes
Concen: 74.692 ug/l
RT: 11.709 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

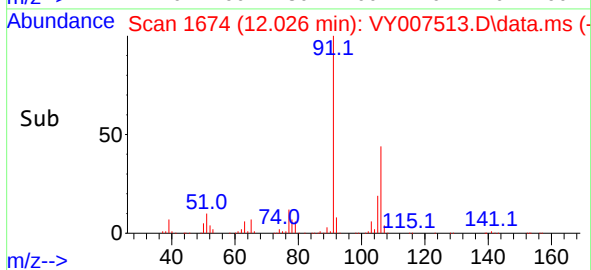
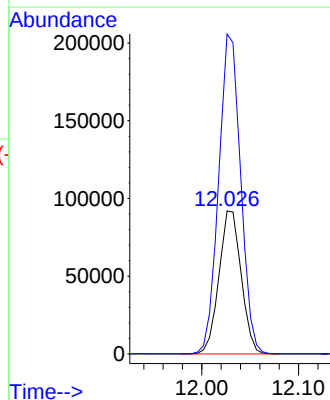
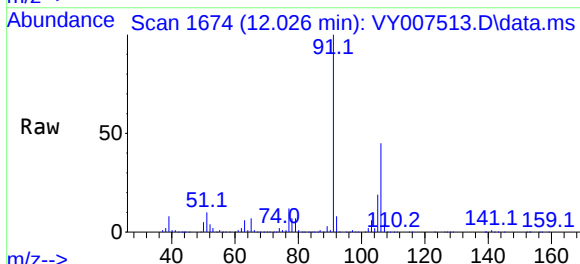
Instrument :
MSVOA_Y
ClientSampleId :

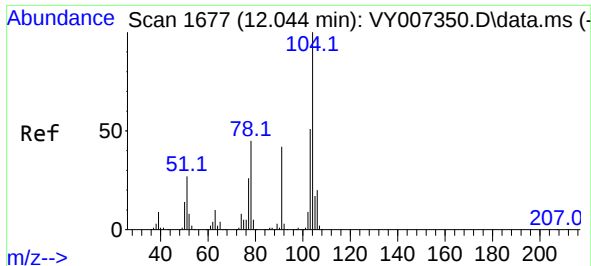
Tgt Ion:106 Resp: 192176
Ion Ratio Lower Upper
106 100
91 208.3 166.6 249.8



#69
o-Xylene
Concen: 60.255 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

Tgt Ion:106 Resp: 146694
Ion Ratio Lower Upper
106 100
91 221.4 110.3 331.0

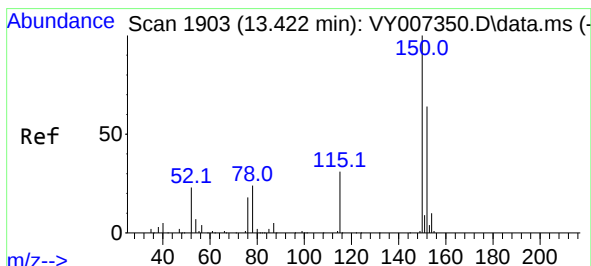
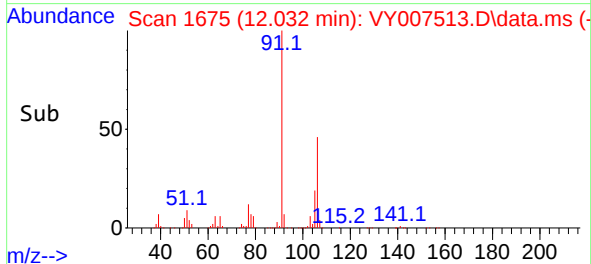
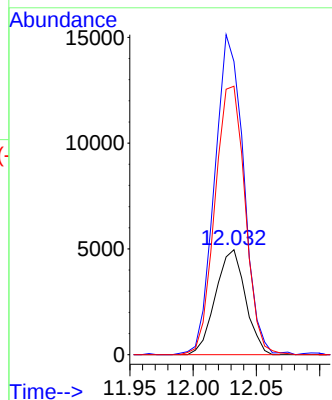
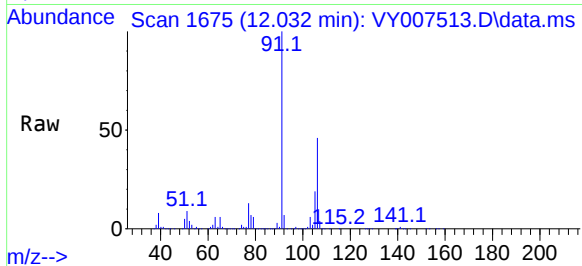




#70
Styrene
Concen: 2.037 ug/l
RT: 12.032 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

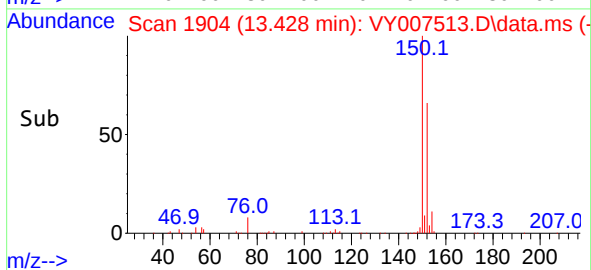
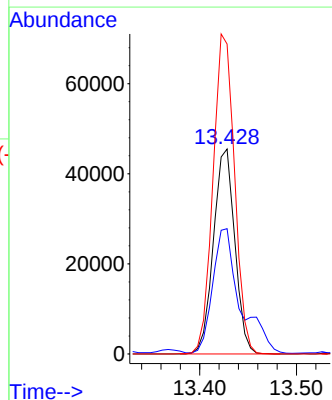
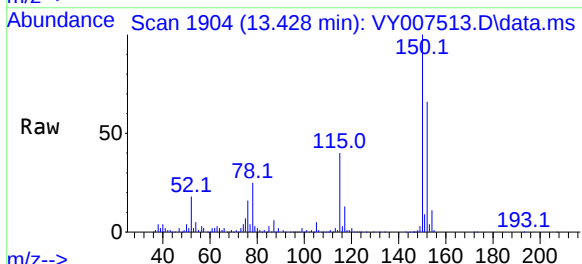
Instrument :
MSVOA_Y
ClientSampleId :

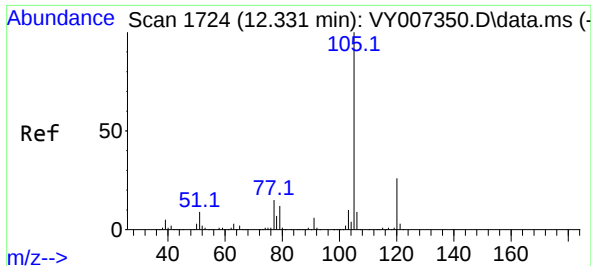
Tgt Ion:104 Resp: 8152
Ion Ratio Lower Upper
104 100
78 296.4 42.4 63.6#
103 258.6 44.4 66.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

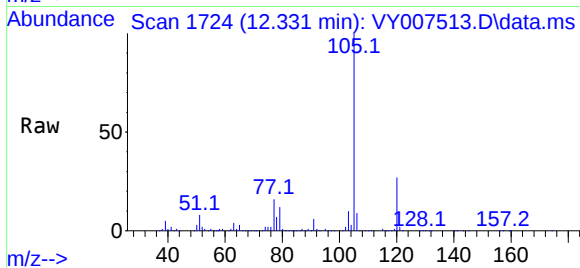
Tgt Ion:152 Resp: 69803
Ion Ratio Lower Upper
152 100
115 78.1 28.2 84.7
150 157.6 0.0 347.6



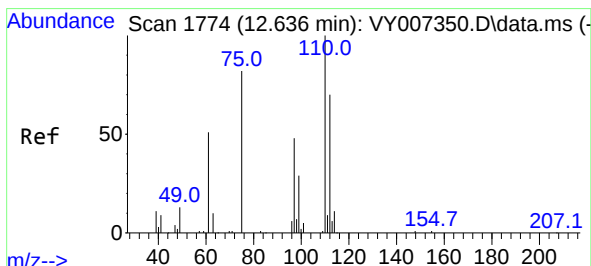
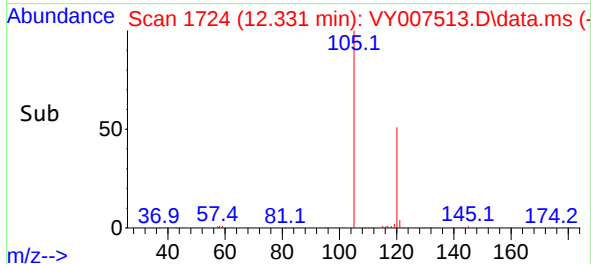
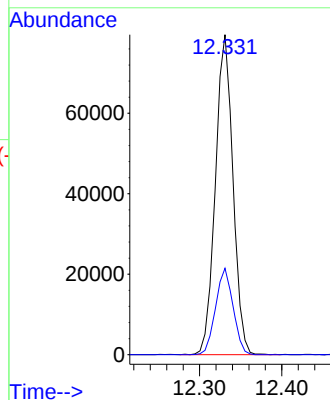


#73
Isopropylbenzene
Concen: 19.082 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

Instrument :
MSVOA_Y
ClientSampleId :

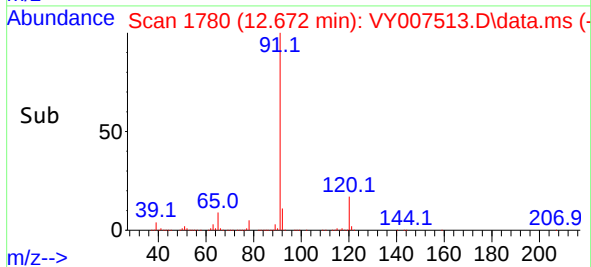
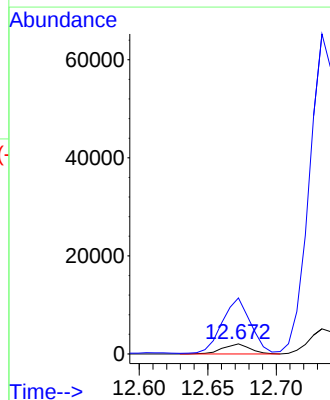
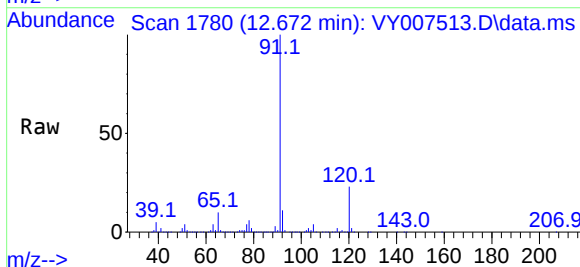


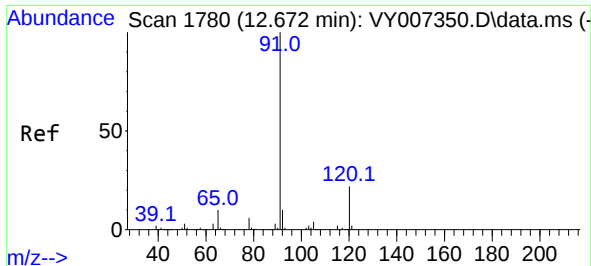
Tgt Ion:105 Resp: 118003
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#76
1,2,3-Trichloropropane
Concen: 3.489 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.036 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

Tgt Ion: 75 Resp: 2814
Ion Ratio Lower Upper
75 100
77 574.3 0.0 0.0#

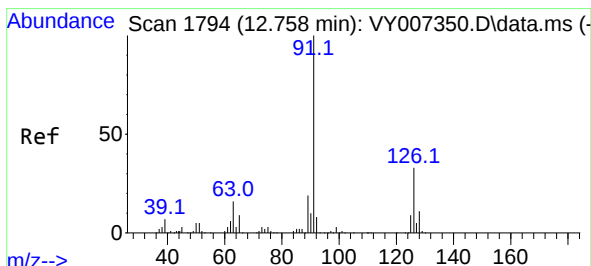
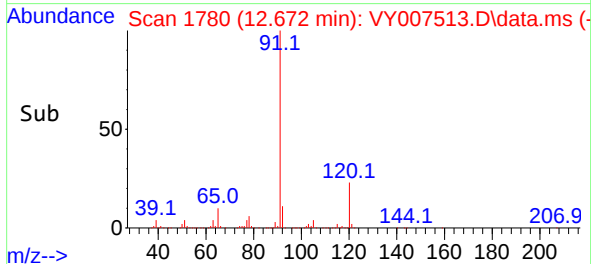
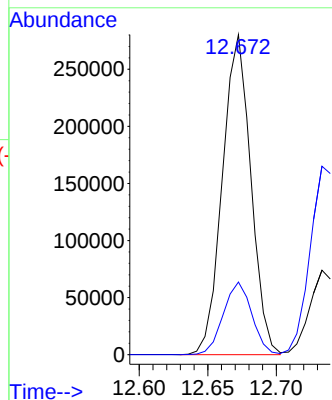
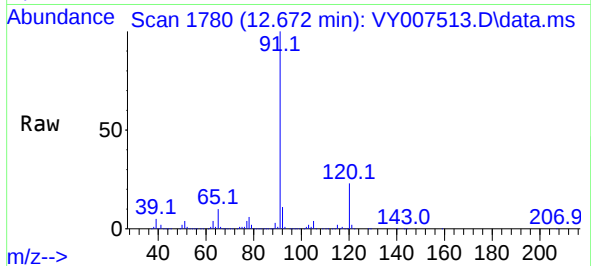




#78
n-propylbenzene
Concen: 54.346 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

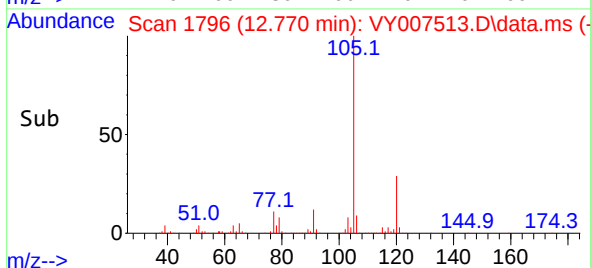
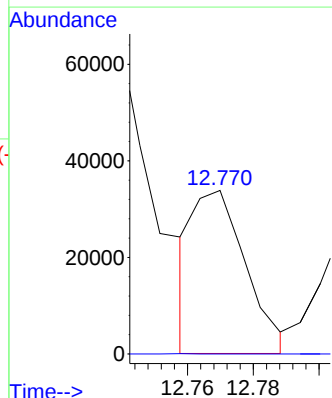
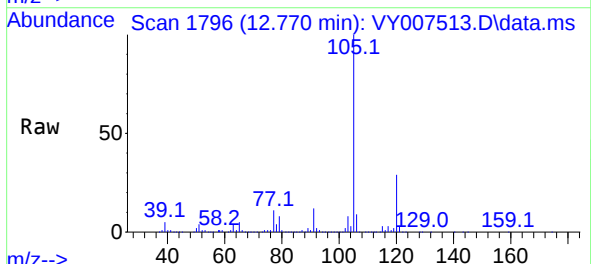
Instrument :
MSVOA_Y
ClientSampleId :

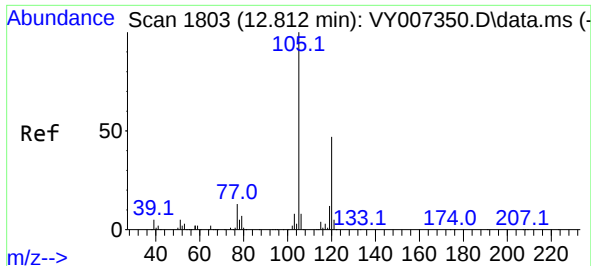
Tgt Ion: 91 Resp: 404413
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.9



#79
2-Chlorotoluene
Concen: 9.095 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. 0.012 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

Tgt Ion: 91 Resp: 37312
Ion Ratio Lower Upper
91 100
126 0.1 16.9 50.6#

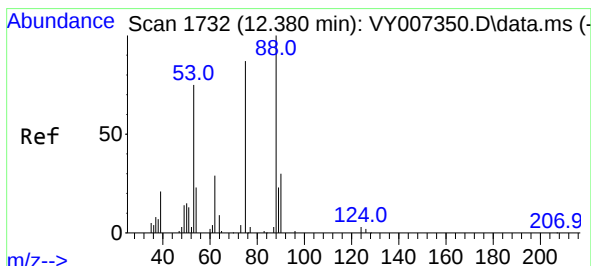
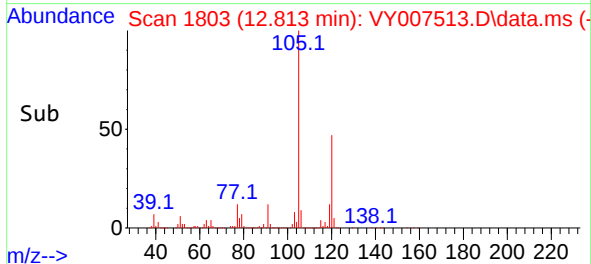
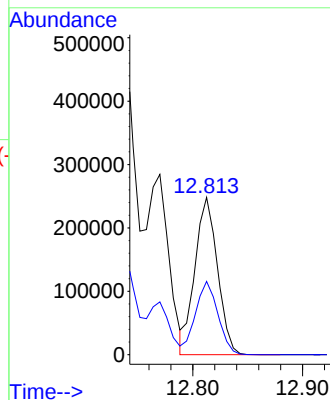
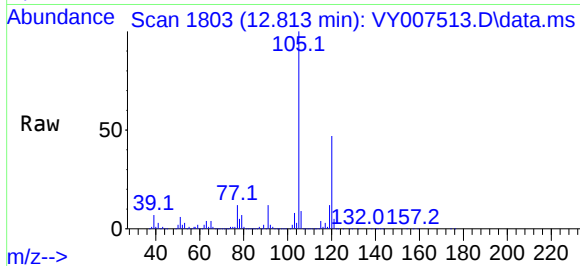




#80
 1,3,5-Trimethylbenzene
 Concen: 69.240 ug/l
 RT: 12.813 min Scan# 1803
 Delta R.T. 0.001 min
 Lab File: VY007513.D
 Acq: 16 Feb 2022 16:39

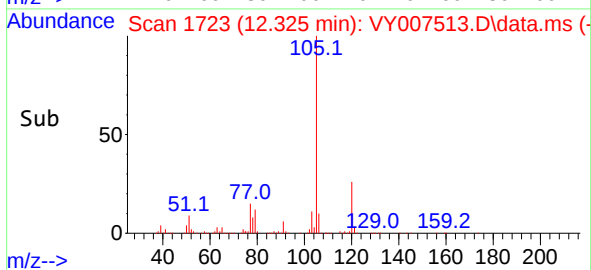
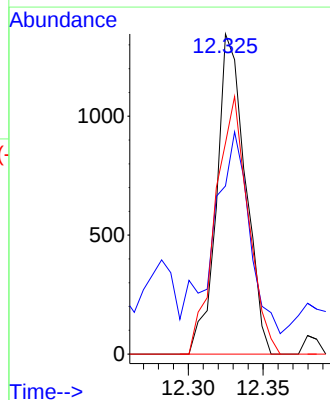
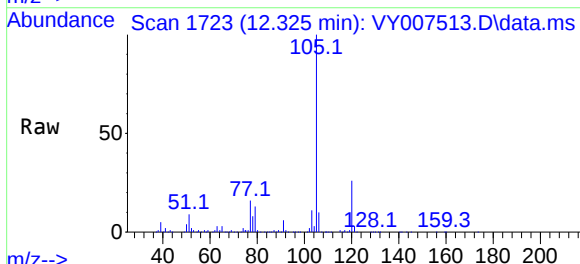
Instrument :
 MSVOA_Y
 ClientSampleId :

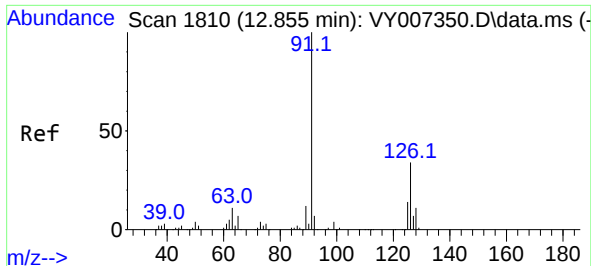
Tgt Ion:105 Resp: 354669
 Ion Ratio Lower Upper
 105 100
 120 46.7 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.623 ug/l
 RT: 12.325 min Scan# 1723
 Delta R.T. -0.055 min
 Lab File: VY007513.D
 Acq: 16 Feb 2022 16:39

Tgt Ion: 75 Resp: 1794
 Ion Ratio Lower Upper
 75 100
 53 77.4 85.3 127.9#
 89 91.8 37.0 55.4#

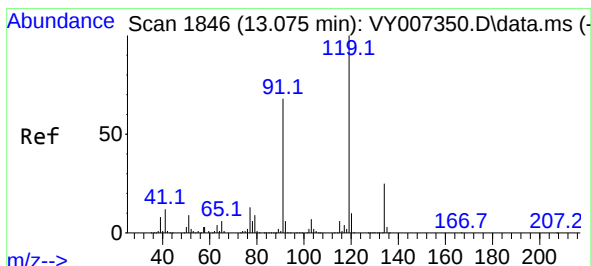
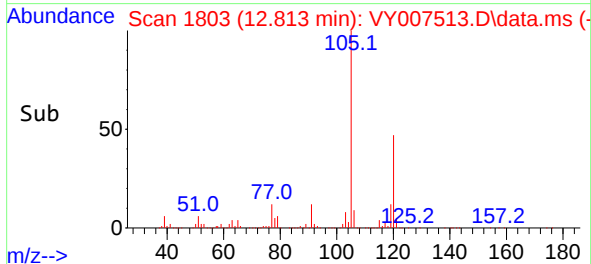
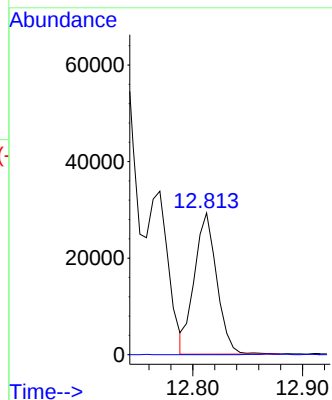
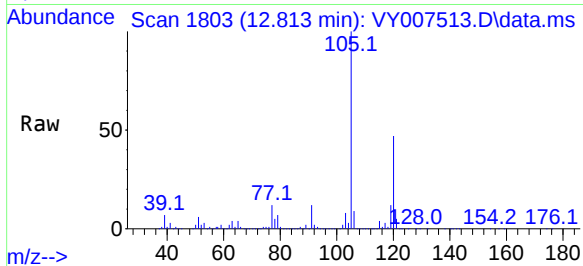




#82
4-Chlorotoluene
Concen: 9.853 ug/l
RT: 12.813 min Scan# 1810
Delta R.T. -0.042 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

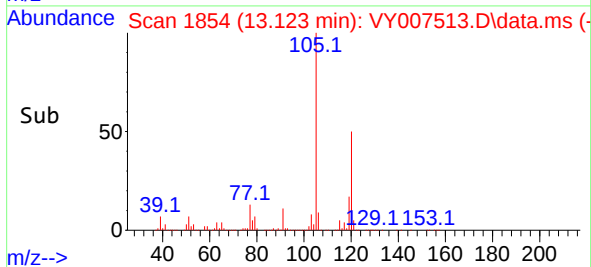
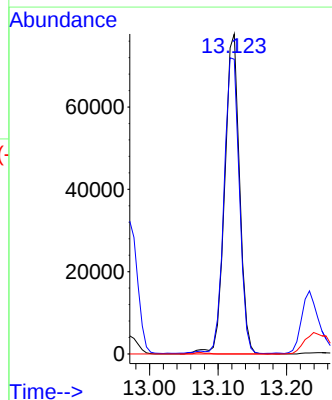
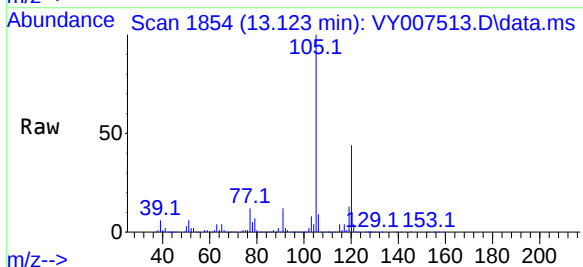
Instrument :
MSVOA_Y
ClientSampleId :

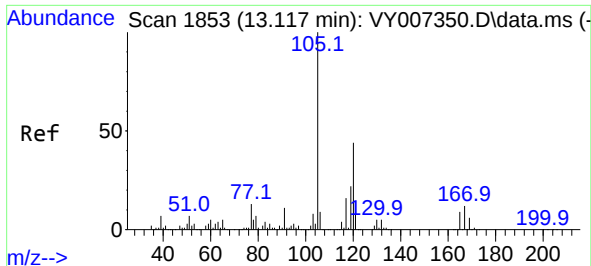
Tgt Ion: 91 Resp: 41438
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#



#83
tert-Butylbenzene
Concen: 25.983 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.048 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

Tgt Ion: 119 Resp: 116324
Ion Ratio Lower Upper
119 100
91 96.2 34.8 104.4
134 0.0 13.3 39.9#

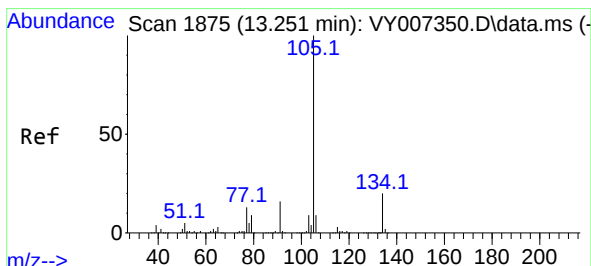
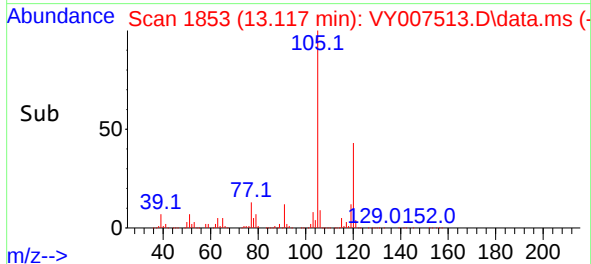
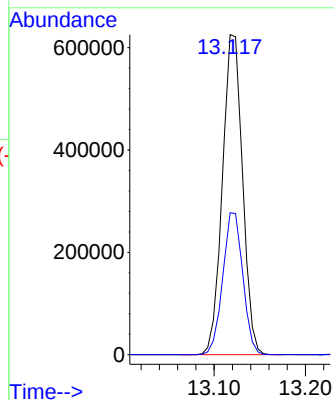
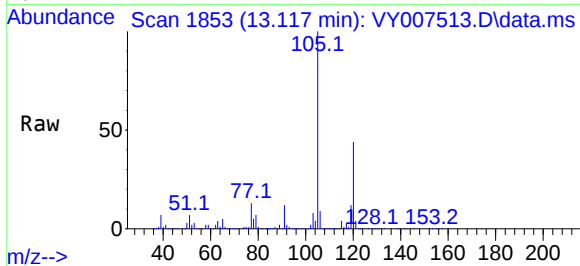




#84
1,2,4-Trimethylbenzene
Concen: 193.177 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

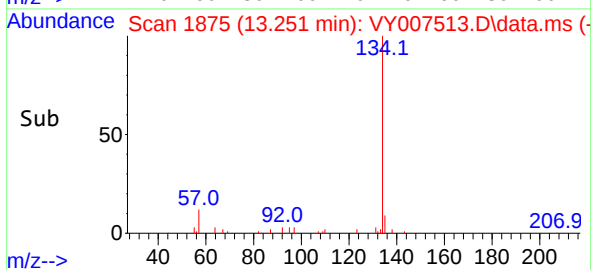
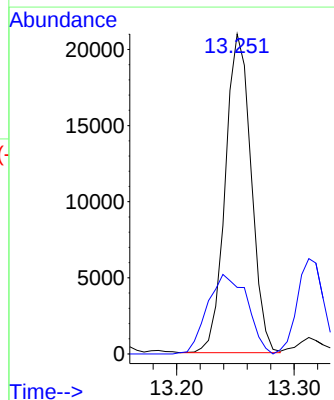
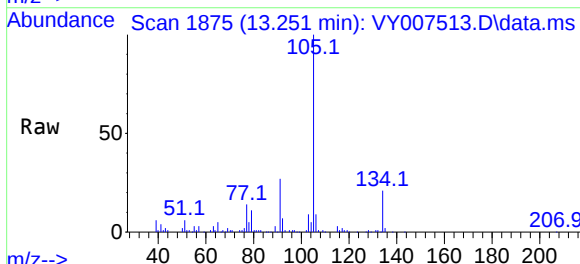
Instrument :
MSVOA_Y
ClientSampleId :

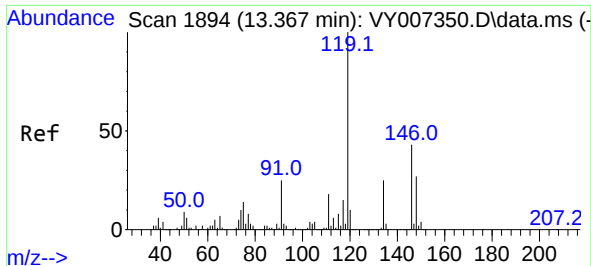
Tgt Ion:105 Resp: 959448
Ion Ratio Lower Upper
105 100
120 44.2 22.3 66.9



#85
sec-Butylbenzene
Concen: 4.837 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

Tgt Ion:105 Resp: 31924
Ion Ratio Lower Upper
105 100
134 38.6 10.2 30.4#

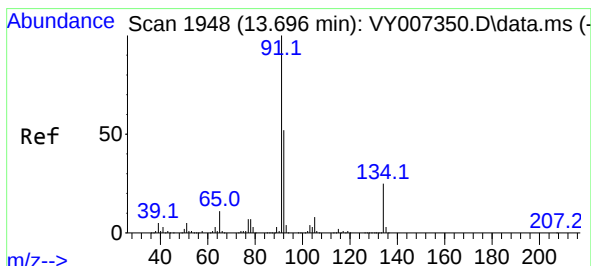
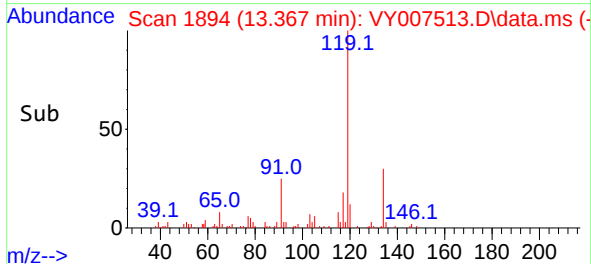
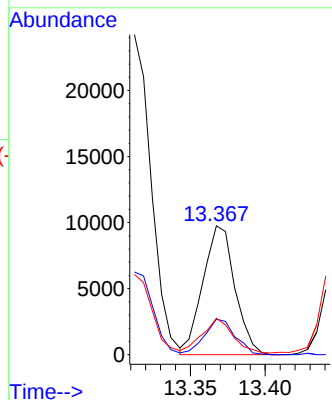
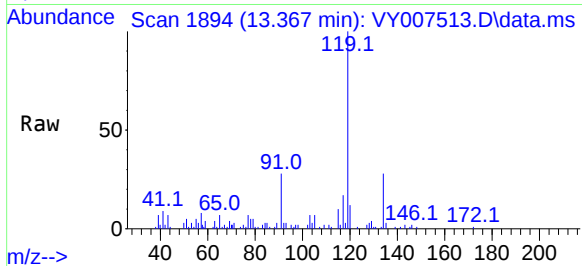




#86
p-Isopropyltoluene
Concen: 2.669 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

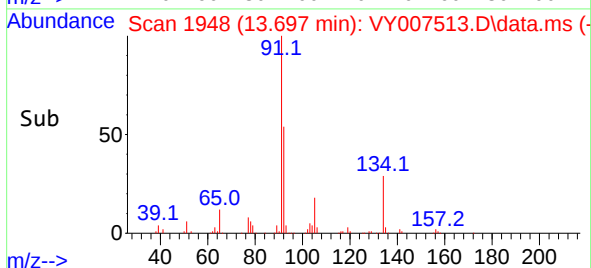
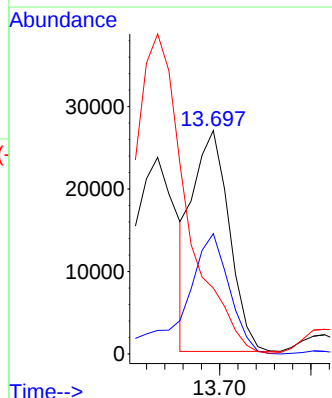
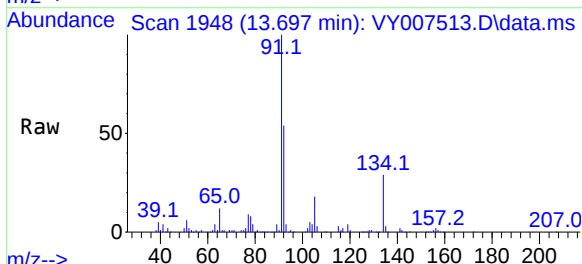
Instrument :
MSVOA_Y
ClientSampleId :

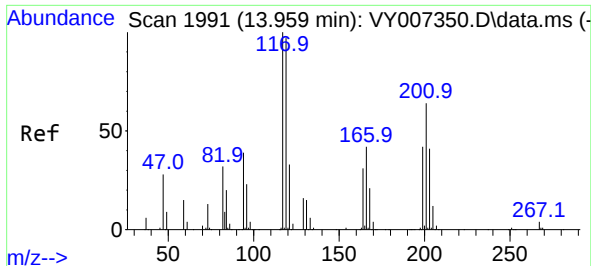
Tgt Ion:	119	Resp:	14509
Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.2	39.5
91	25.5	12.4	37.2



#89
n-Butylbenzene
Concen: 7.187 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

Tgt Ion:	91	Resp:	37152
Ion	Ratio	Lower	Upper
91	100		
92	66.1	26.3	78.9
134	0.0	13.0	38.9#

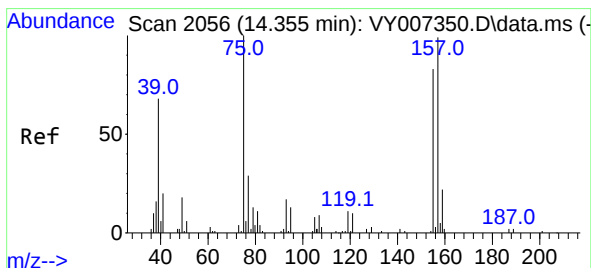
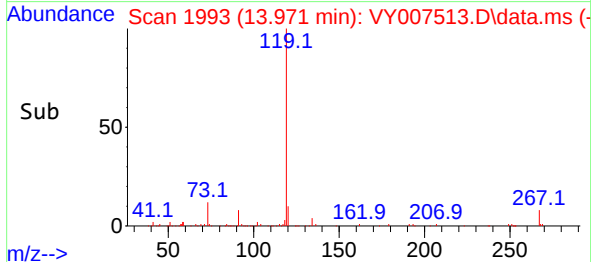
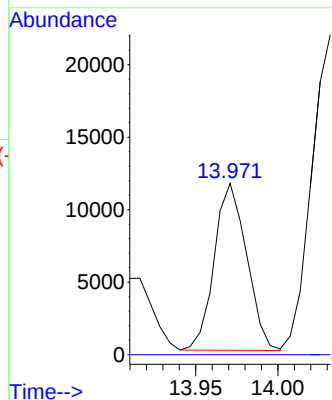
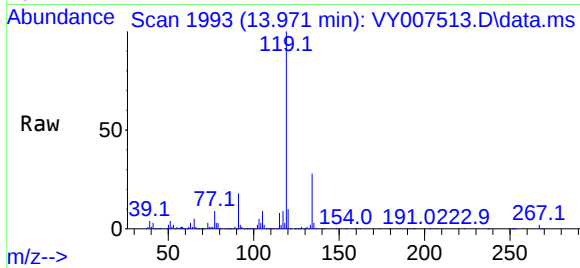




#90
Hexachloroethane
Concen: 15.174 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

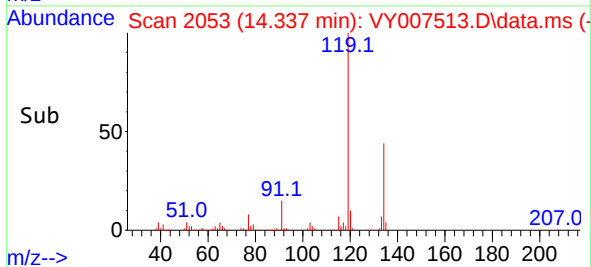
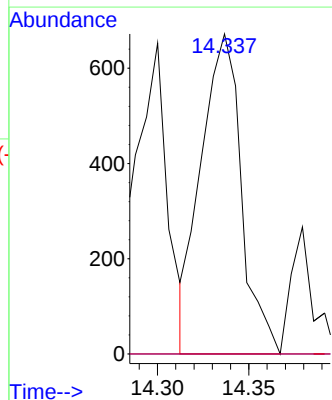
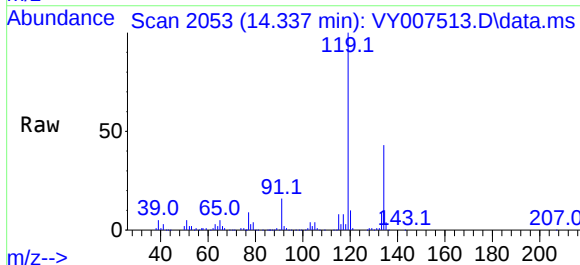
Instrument :
MSVOA_Y
ClientSampleId :

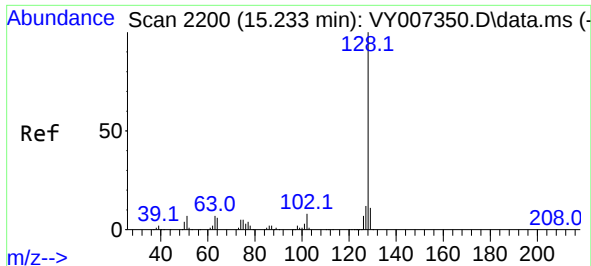
Tgt Ion:117 Resp: 15762
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.728 ug/l
RT: 14.337 min Scan# 2053
Delta R.T. -0.018 min
Lab File: VY007513.D
Acq: 16 Feb 2022 16:39

Tgt Ion: 75 Resp: 1030
Ion Ratio Lower Upper
75 100
155 0.0 38.0 113.9#
157 0.0 47.8 143.3#





#95

Naphthalene

Concen: 137.096 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

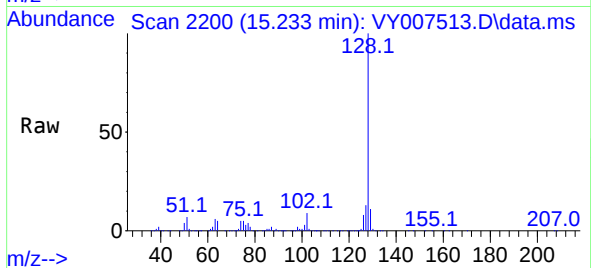
Lab File: VY007513.D

Acq: 16 Feb 2022 16:39

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 407148

Ion Ratio Lower Upper

128 100

127 13.2 11.0 16.4

129 10.8 8.4 12.6

