

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020922\
 Data File : VY007455.D
 Acq On : 09 Feb 2022 16:10
 Operator : SY/MD
 Sample : N1455-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Feb 10 05:36:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	99535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	177585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	149439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132825	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	59472	51.945	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.900%	
35) Dibromofluoromethane	7.722	113	58242	51.074	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.140%	
50) Toluene-d8	10.185	98	236622	56.165	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.320%	
62) 4-Bromofluorobenzene	12.477	95	141250	98.642	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 197.280%#	

Target Compounds						Qvalue
3) Chloromethane	2.113	50	310	Below Cal	#	44
13) Acrolein	3.942	56	41690	271.064	ug/l #	75
14) Allyl chloride	4.710	41	430015	241.664	ug/l #	59
15) Acrylonitrile	5.247	53	38163	122.885	ug/l #	40
16) Acetone	3.948	43	112719	303.145	ug/l #	62
18) Methyl Acetate	4.710	43	949357	1363.150	ug/l #	56
20) Methylene Chloride	4.704	84	1176	Below Cal	#	1
25) 2-Butanone	6.990	43	61911	137.811	ug/l #	59
26) 2,2-Dichloropropane	6.801	77	2372	1.101	ug/l #	55
29) Tetrahydrofuran	7.356	42	1655	6.375	ug/l #	38
30) Chloroform	7.472	83	54881	23.429	ug/l #	19
31) Cyclohexane	7.880	56	5181956	2319.587	ug/l #	18
37) Ethyl Acetate	6.990	43	61911	62.466	ug/l #	75
38) Carbon Tetrachloride	7.795	117	11240	5.367	ug/l #	15
39) Methylcyclohexane	8.929	83	65983	26.355	ug/l	92
41) Methacrylonitrile	7.356	41	13908	28.239	ug/l #	56
43) Isopropyl Acetate	8.271	43	314050	169.433	ug/l #	56
45) 1,2-Dichloropropane	9.191	63	6080	4.666	ug/l #	1
47) Bromodichloromethane	9.484	83	106163	56.631	ug/l #	27
48) Methyl methacrylate	9.325	41	271283	323.634	ug/l #	39
51) 4-Methyl-2-Pentanone	10.118	43	494509	526.046	ug/l #	85
52) Toluene	10.246	92	4077	1.225	ug/l	86
55) 1,1,2-Trichloroethane	10.624	97	314695	309.085	ug/l #	27
56) Ethyl methacrylate	10.526	69	97400	68.875	ug/l #	2
58) 2-Chloroethyl Vinyl ether	9.758	63	22033	29.952	ug/l #	48
59) 2-Hexanone	10.807	43	276965	404.131	ug/l #	35
60) Dibromochloromethane	10.910	129	2171	1.713	ug/l	69
61) 1,2-Dibromoethane	11.069	107	1828	1.815	ug/l #	1
67) Ethyl Benzene	11.599	91	8345	1.323	ug/l	98
68) m/p-Xylenes	11.703	106	7941	3.399	ug/l	84
69) o-Xylene	12.032	106	2449	1.109	ug/l #	18
73) Isopropylbenzene	12.331	105	130902	10.783	ug/l	99
74) N-amyl acetate	12.124	43	301947	100.489	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.563	83	79443	35.836	ug/l #	50
76) 1,2,3-Trichloropropane	12.666	75	2417	1.531	ug/l #	100
78) n-propylbenzene	12.672	91	292476	19.892	ug/l	98

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

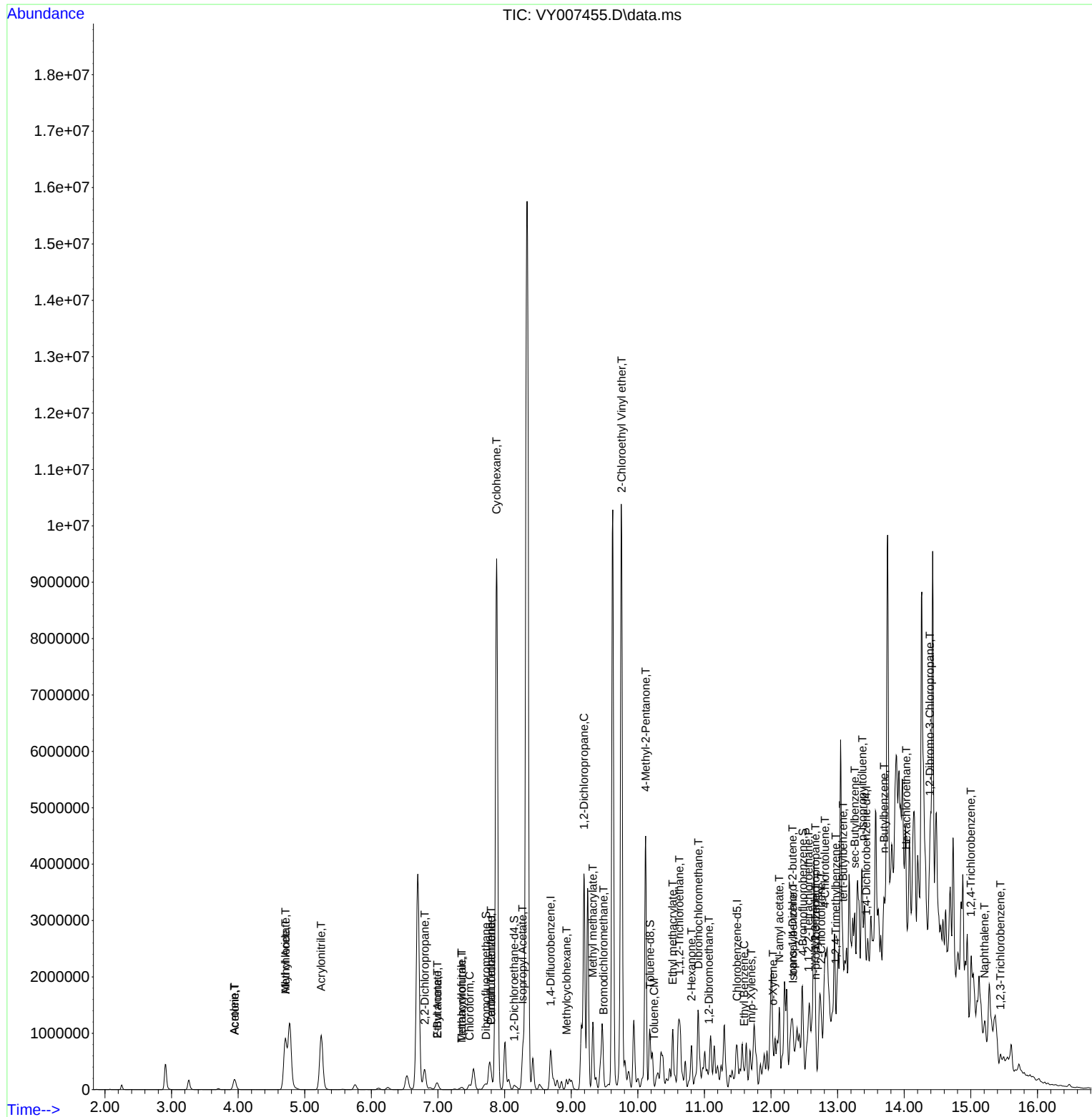
79) 2-Chlorotoluene	12.752	91	20865	2.563	ug/l #	41
81) trans-1,4-Dichloro-2-b...	12.325	75	2114	2.682	ug/l #	1
82) 4-Chlorotoluene	12.813	91	15315	1.832	ug/l #	1
83) tert-Butylbenzene	13.081	119	22725	2.636	ug/l #	47
84) 1,2,4-Trimethylbenzene	12.971	105	35591	3.650	ug/l	77
85) sec-Butylbenzene	13.258	105	152232	11.773	ug/l #	59
86) p-Isopropyltoluene	13.373	119	32916	3.125	ug/l #	65
89) n-Butylbenzene	13.696	91	66866	6.595	ug/l #	68
90) Hexachloroethane	14.032	117	13211	6.636	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.385	75	2145	5.954	ug/l #	17
93) 1,2,4-Trichlorobenzene	15.001	180	4353	1.684	ug/l #	1
95) Naphthalene	15.202	128	13508	2.515	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.446	180	4547	2.084	ug/l #	13

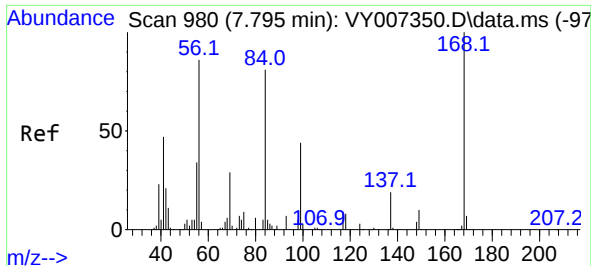
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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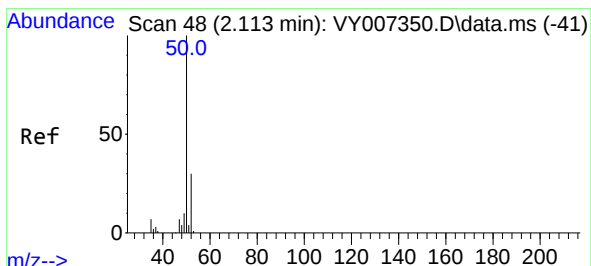
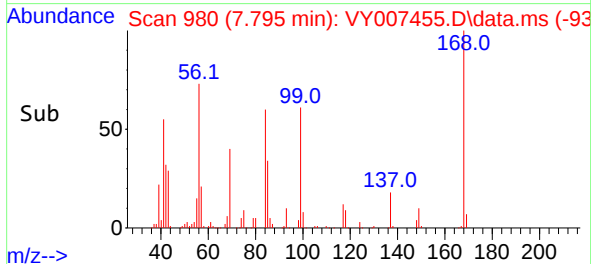
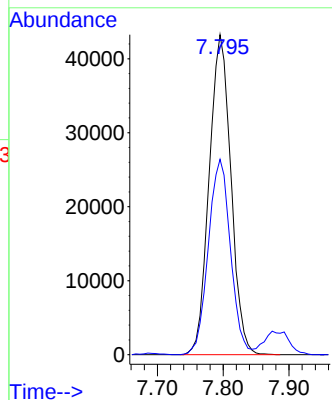
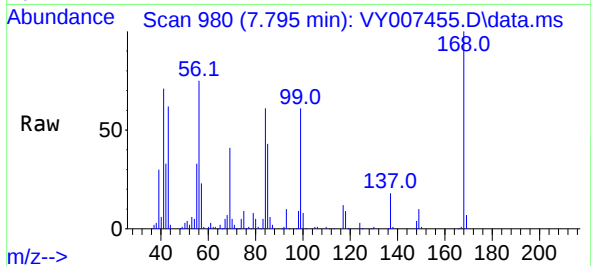




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007455.D
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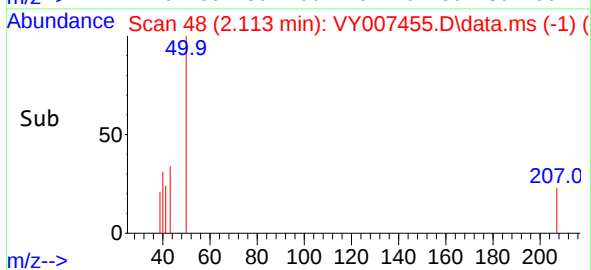
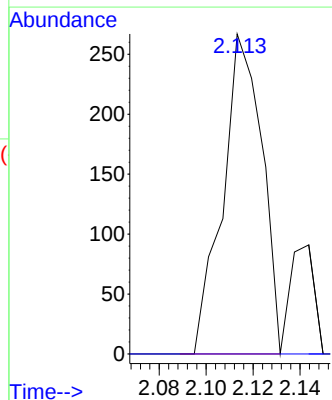
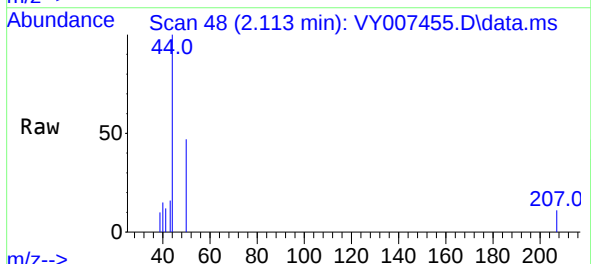
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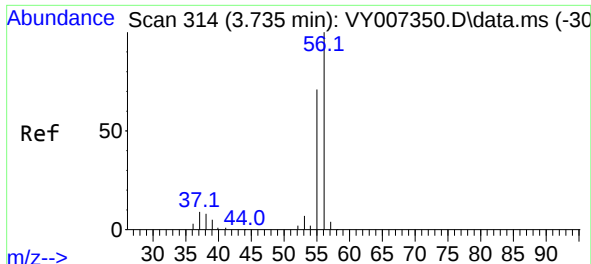
Tgt Ion:168 Resp: 99535
Ion Ratio Lower Upper
168 100
99 61.1 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion: 50 Resp: 310
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

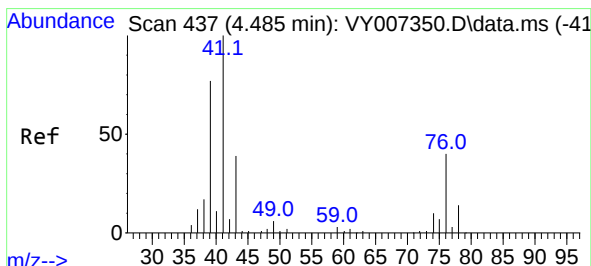
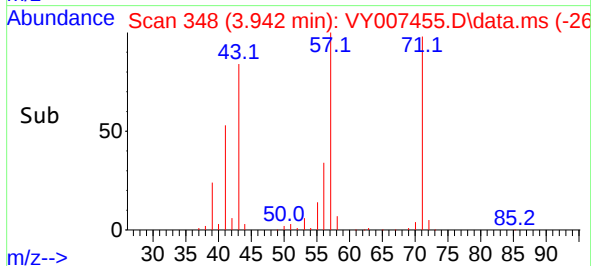
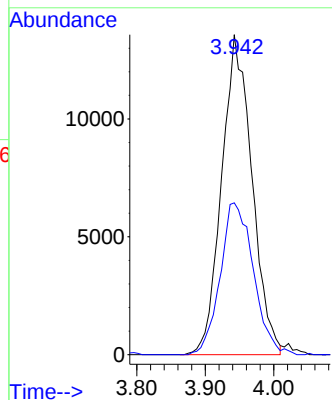
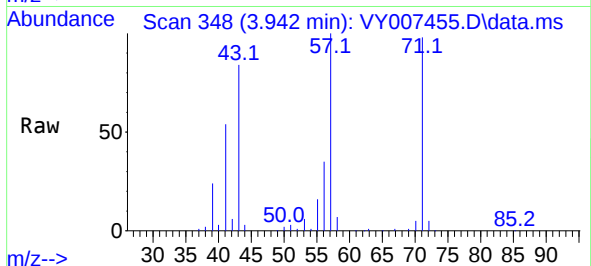




#13
Acrolein
Concen: 271.064 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.207 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

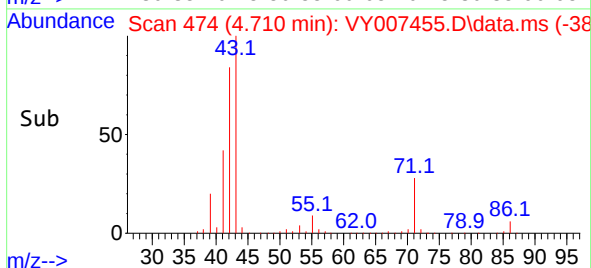
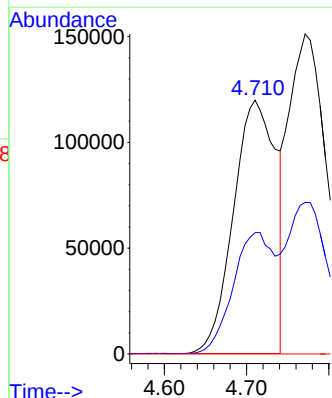
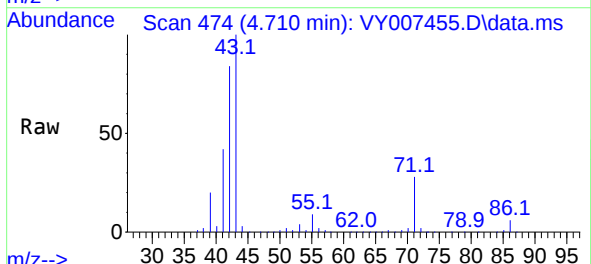
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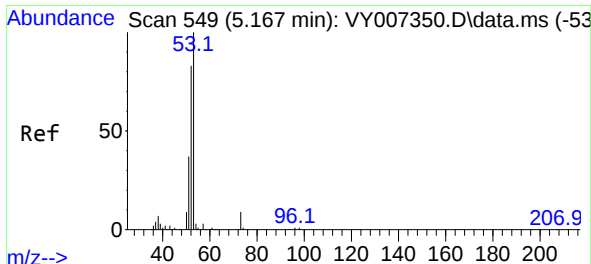
Tgt Ion: 56 Resp: 41690
Ion Ratio Lower Upper
56 100
55 51.5 57.6 86.4#



#14
Allyl chloride
Concen: 241.664 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.226 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion: 41 Resp: 430015
Ion Ratio Lower Upper
41 100
39 44.5 58.8 88.2#
76 0.0 25.1 37.7#

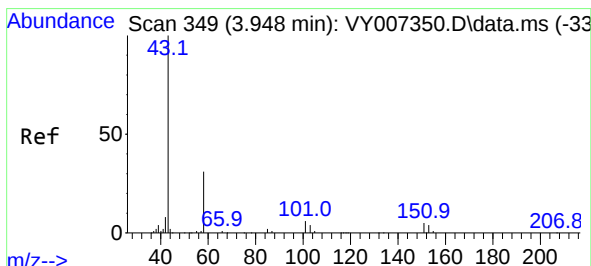
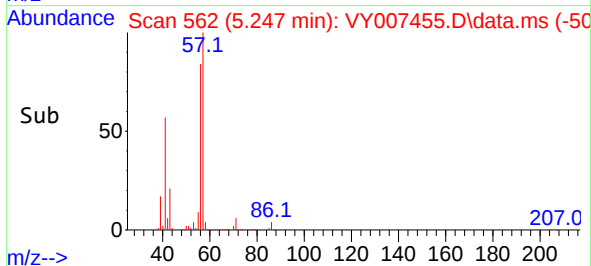
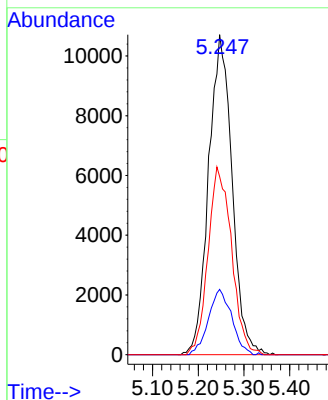
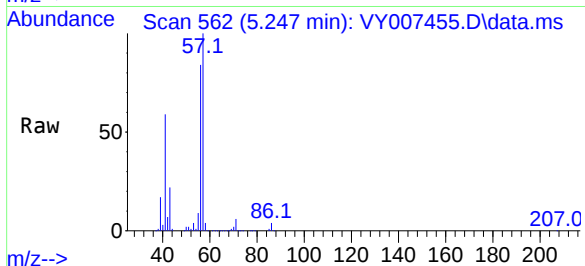




#15
Acrylonitrile
Concen: 122.885 ug/l
RT: 5.247 min Scan# 50
Delta R.T. 0.079 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

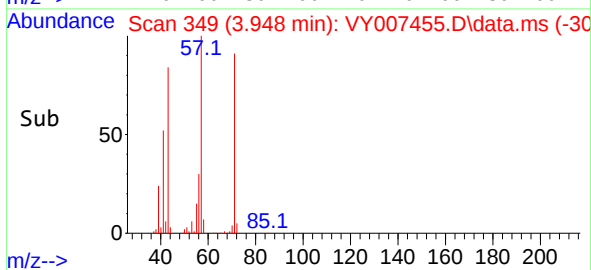
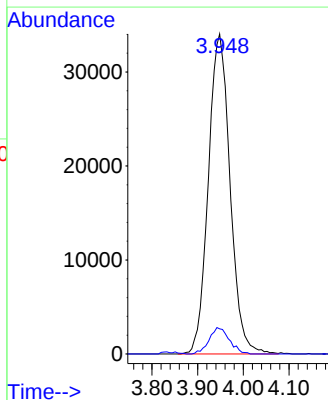
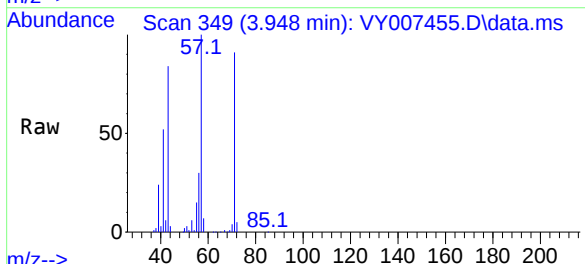
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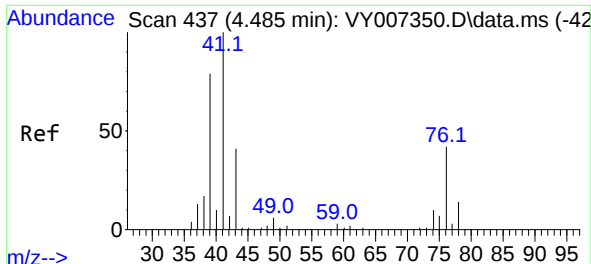
Tgt Ion: 53 Resp: 38163
Ion Ratio Lower Upper
53 100
52 20.3 67.0 100.4#
51 59.0 29.8 44.6#



#16
Acetone
Concen: 303.145 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion: 43 Resp: 112719
Ion Ratio Lower Upper
43 100
58 7.9 22.0 33.0#

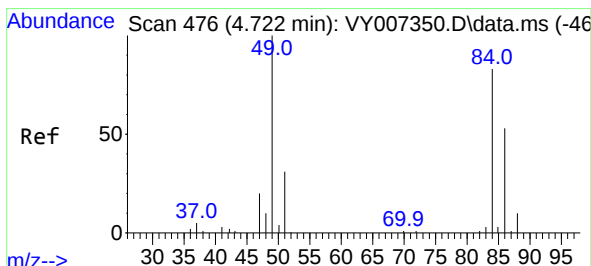
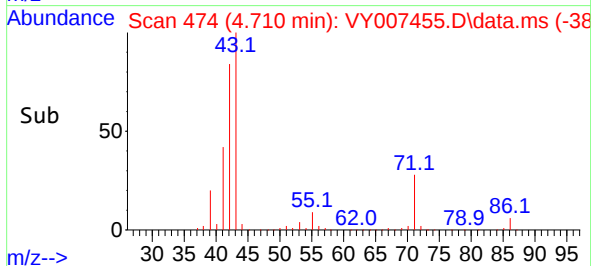
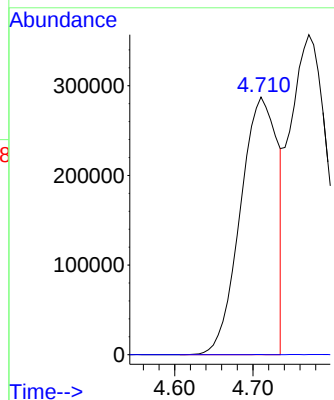
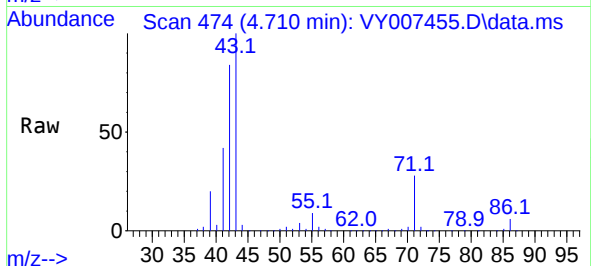




#18
Methyl Acetate
Concen: 1363.150 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.226 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

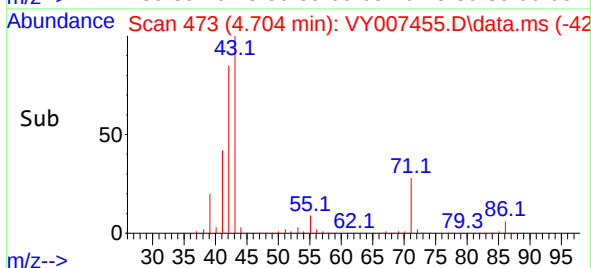
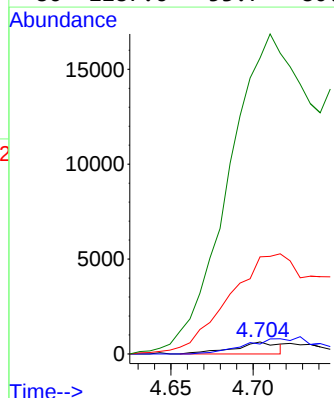
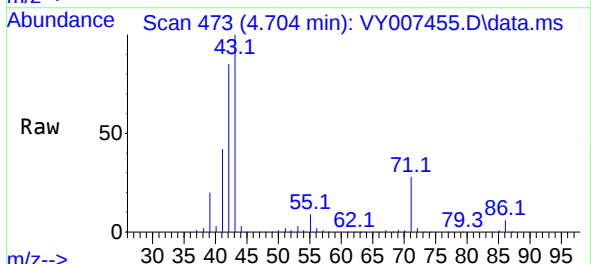
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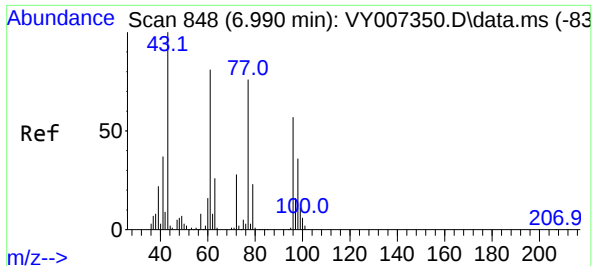
Tgt Ion: 43 Resp: 949357
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.018 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion: 84 Resp: 1176
Ion Ratio Lower Upper
84 100
49 82.9 114.4 171.6#
51 755.7 35.3 52.9#
86 2287.6 53.7 80.5#

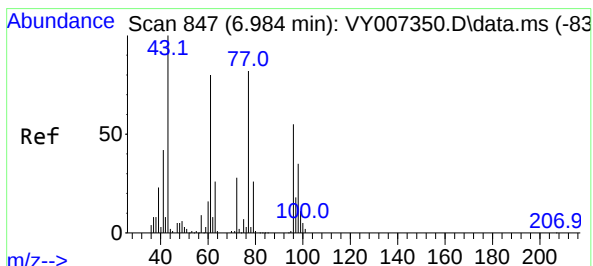
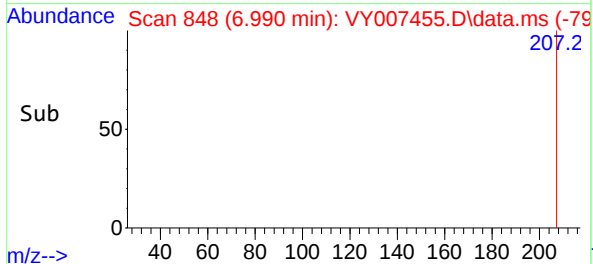
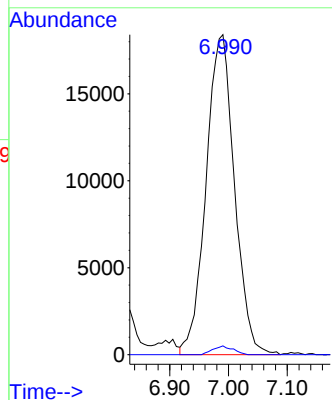
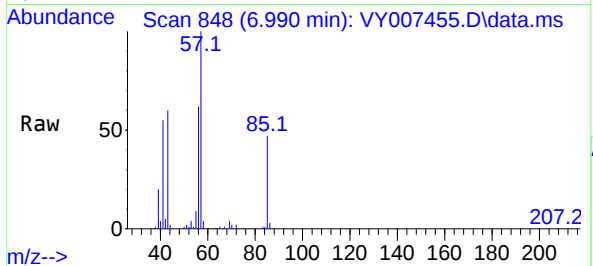




#25
2-Butanone
Concen: 137.811 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY007455.D
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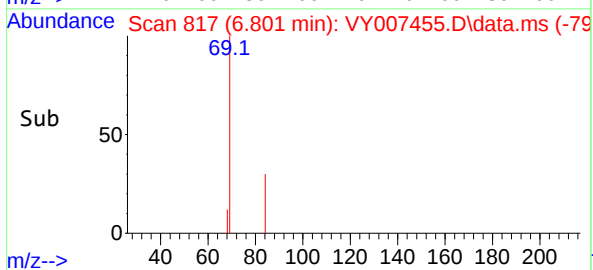
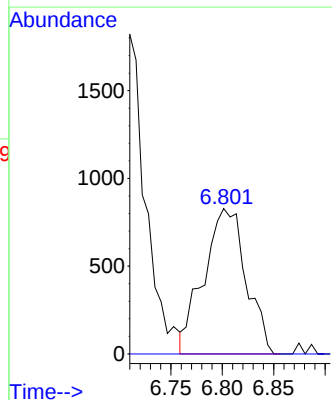
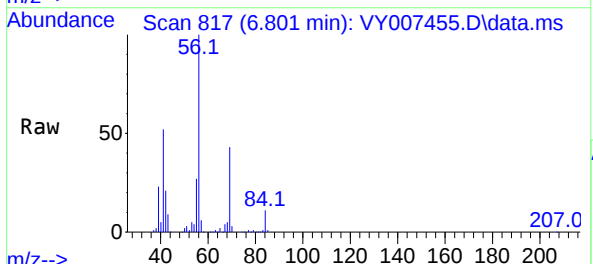
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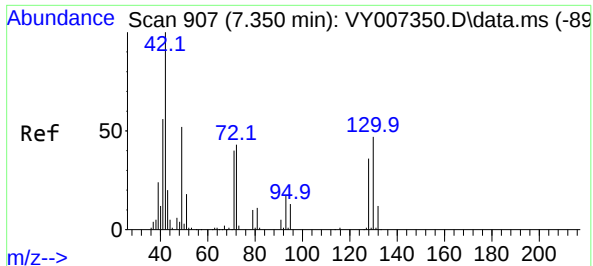
Tgt Ion: 43 Resp: 61911
Ion Ratio Lower Upper
43 100
72 2.8 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 1.101 ug/l
RT: 6.801 min Scan# 817
Delta R.T. -0.183 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion: 77 Resp: 2372
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#

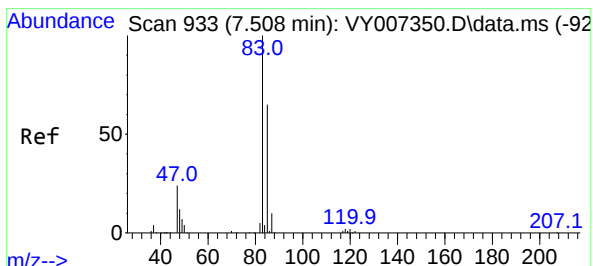
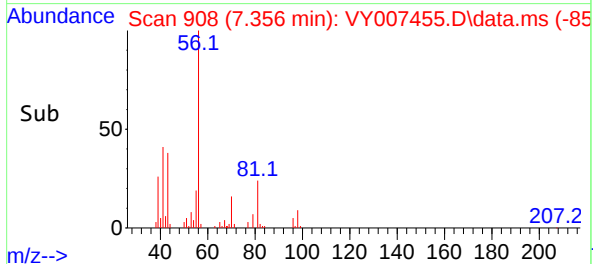
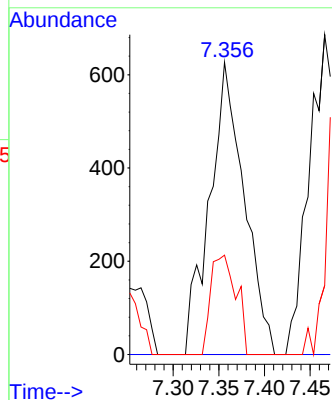
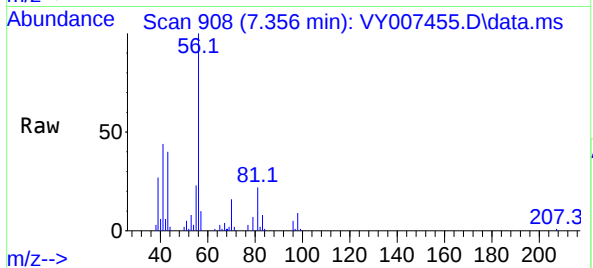




#29
Tetrahydrofuran
Concen: 6.375 ug/l
RT: 7.356 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY007455.D
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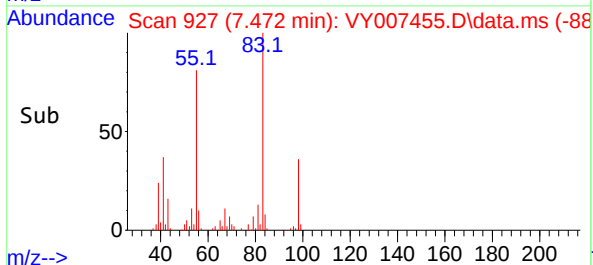
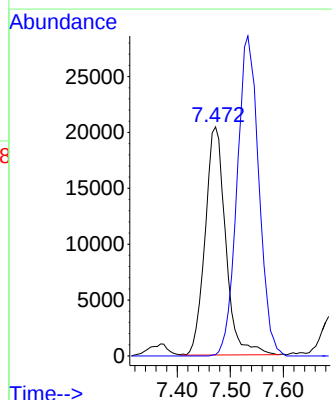
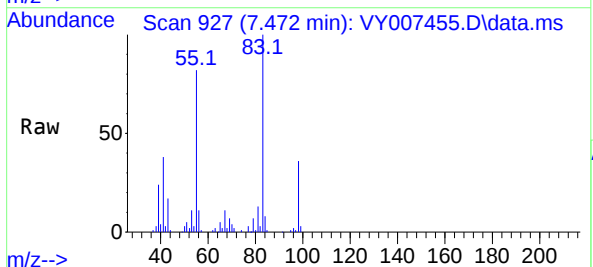
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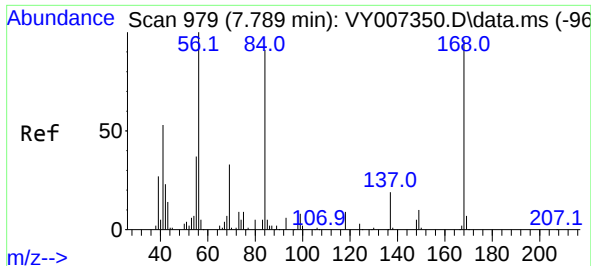
Tgt Ion: 42 Resp: 1655
Ion Ratio Lower Upper
42 100
72 0.0 30.3 45.5#
71 0.0 29.0 43.4#



#30
Chloroform
Concen: 23.429 ug/l
RT: 7.472 min Scan# 927
Delta R.T. -0.036 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion: 83 Resp: 54881
Ion Ratio Lower Upper
83 100
85 0.6 51.8 77.6#

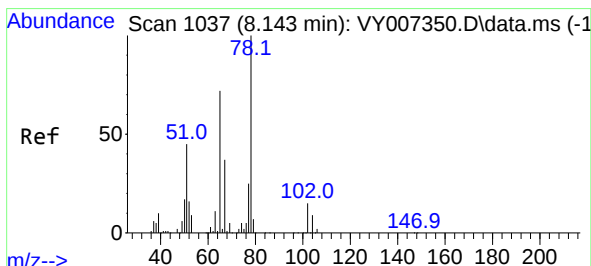
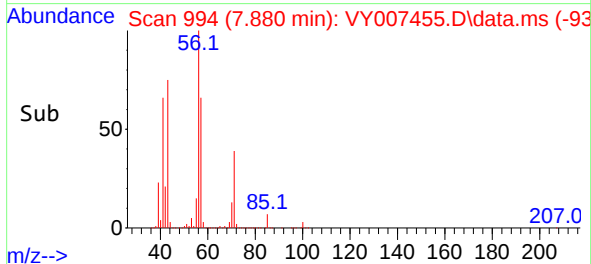
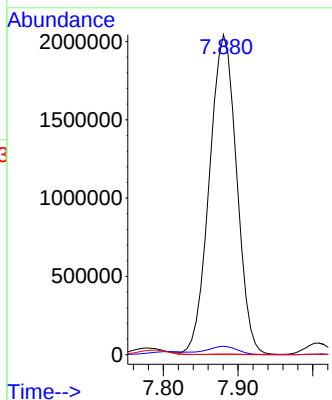
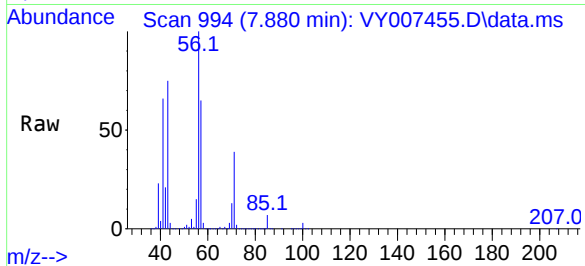




#31
Cyclohexane
Concen: 2319.587 ug/l
RT: 7.880 min Scan# 994
Delta R.T. 0.092 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

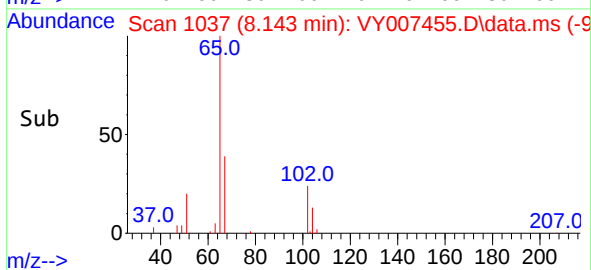
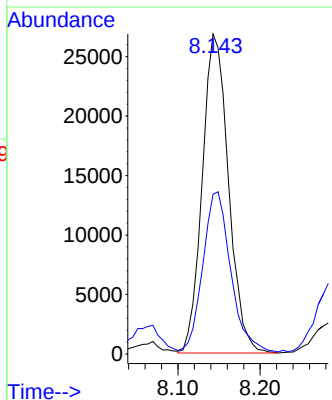
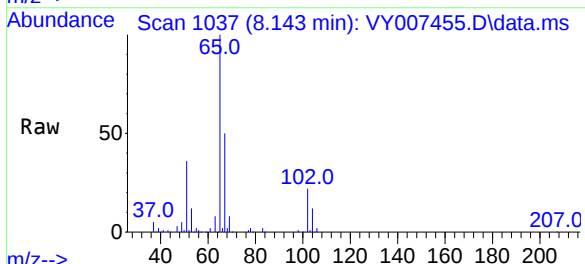
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

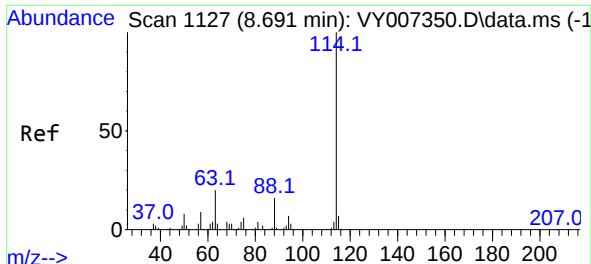
Tgt Ion: 56 Resp: 5181956
Ion Ratio Lower Upper
56 100
69 2.6 26.7 40.1#
84 0.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 51.945 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion: 65 Resp: 59472
Ion Ratio Lower Upper
65 100
67 53.1 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: VY007455.D

Acq: 09 Feb 2022 16:10

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

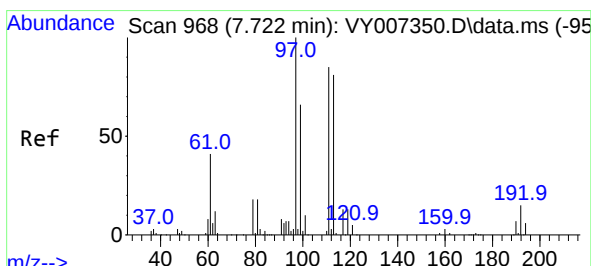
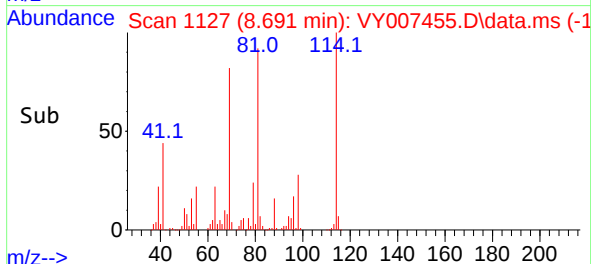
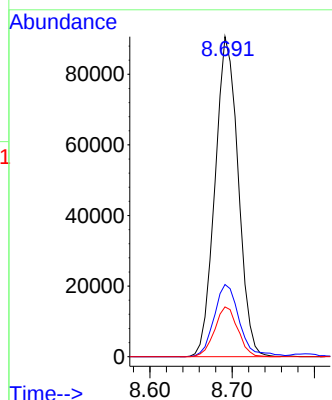
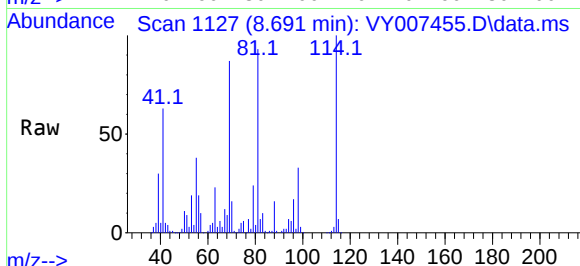
Tgt Ion:114 Resp: 177585

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.074 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY007455.D

Acq: 09 Feb 2022 16:10

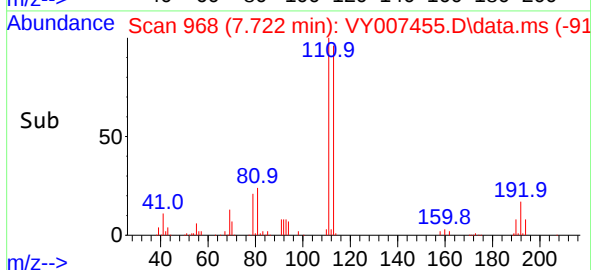
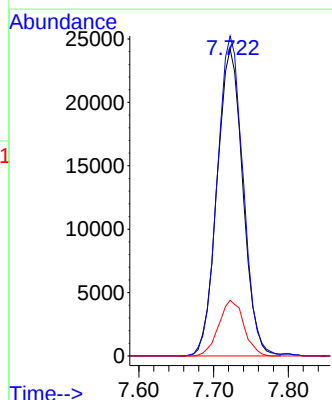
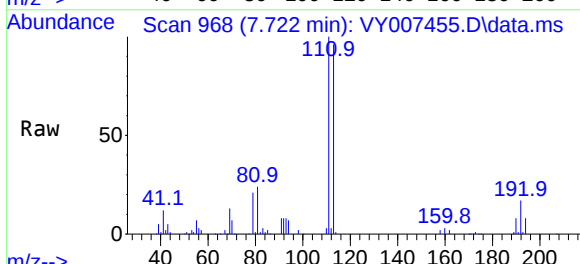
Tgt Ion:113 Resp: 58242

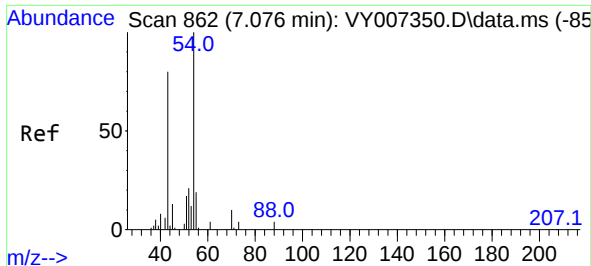
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 17.6 17.6 26.4





#37

Ethyl Acetate

Concen: 62.466 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.085 min

Lab File: VY007455.D

Acq: 09 Feb 2022 16:10

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

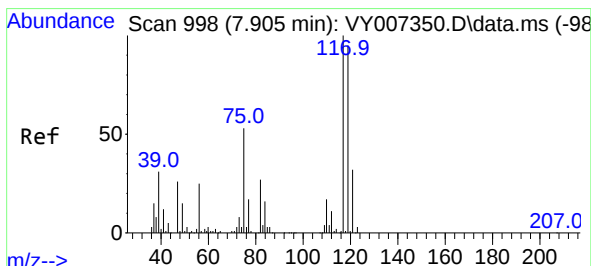
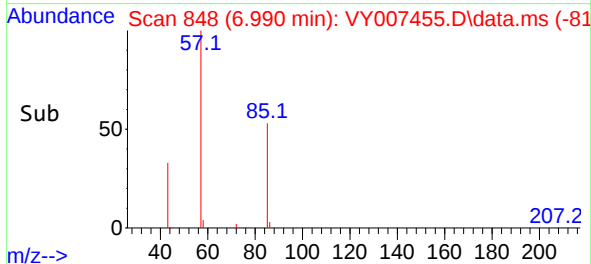
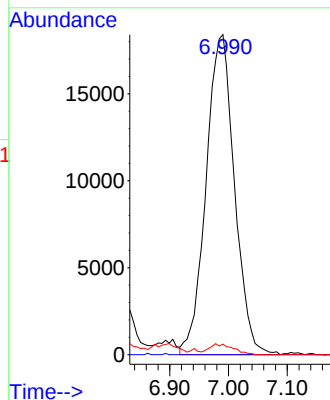
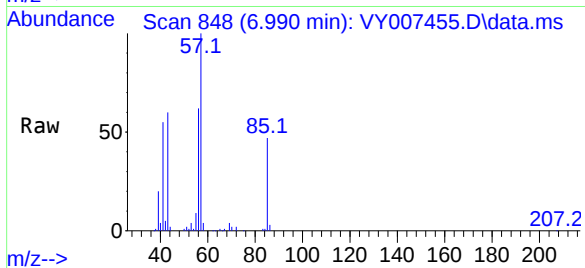
Tgt Ion: 43 Resp: 61911

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 2.9 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.367 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY007455.D

Acq: 09 Feb 2022 16:10

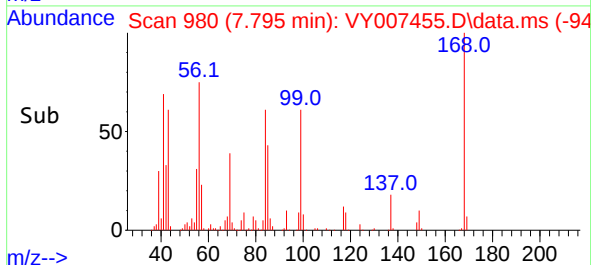
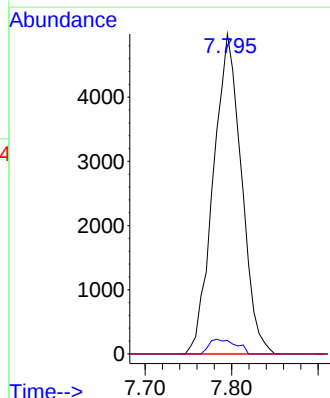
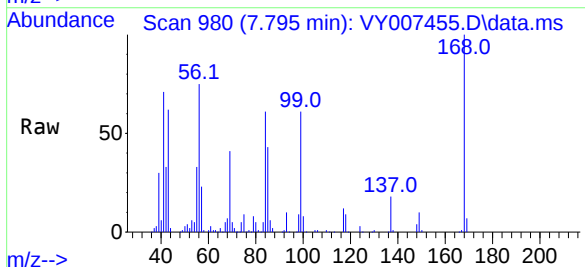
Tgt Ion: 117 Resp: 11240

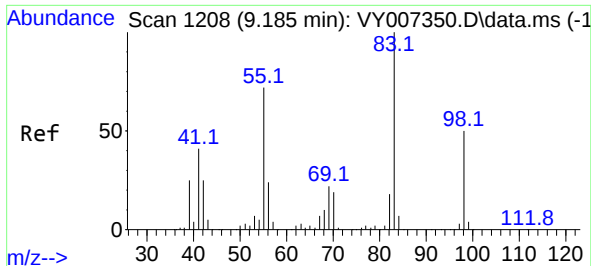
Ion Ratio Lower Upper

117 100

119 4.2 77.9 116.9#

121 0.0 24.8 37.2#

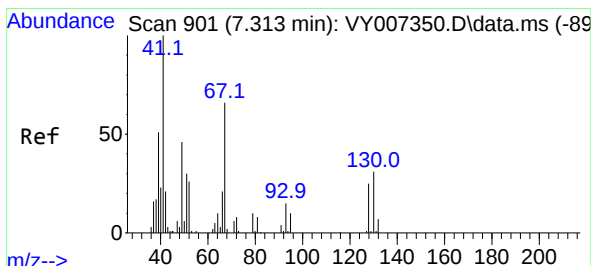
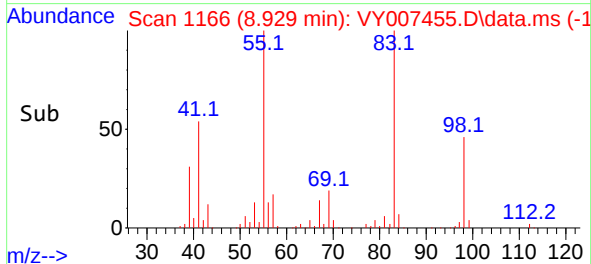
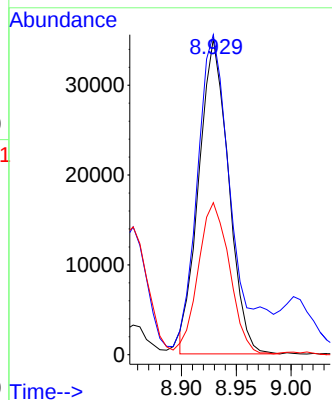
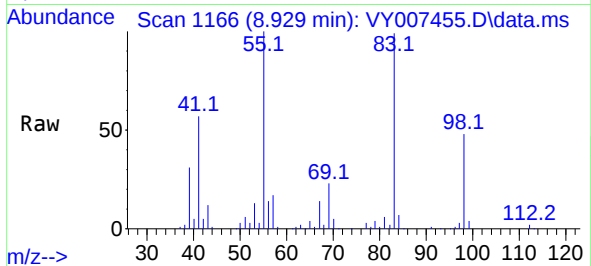




#39
Methylcyclohexane
Concen: 26.355 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.256 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

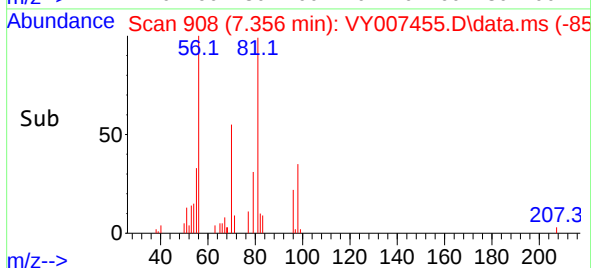
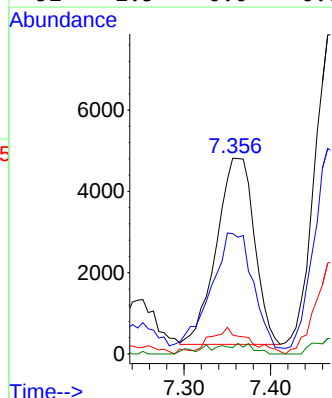
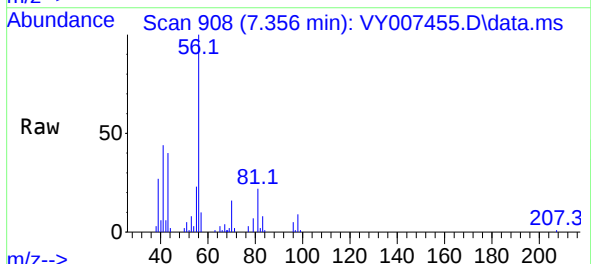
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

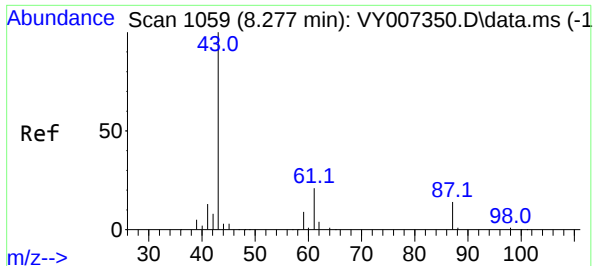
Tgt Ion: 83 Resp: 65983
Ion Ratio Lower Upper
83 100
55 94.0 66.5 99.7
98 47.7 37.9 56.9



#41
Methacrylonitrile
Concen: 28.239 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.043 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion: 41 Resp: 13908
Ion Ratio Lower Upper
41 100
39 68.4 92.9 139.3#
67 14.2 0.0 0.0#
52 2.5 0.0 0.0#





#43

Isopropyl Acetate

Concen: 169.433 ug/l

RT: 8.271 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY007455.D

Acq: 09 Feb 2022 16:10

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

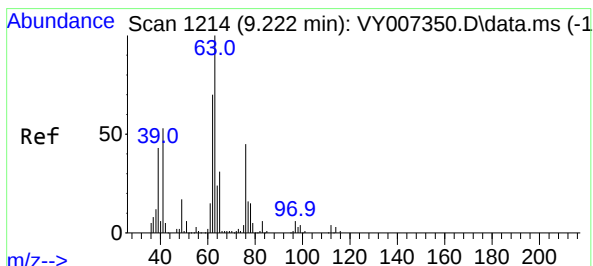
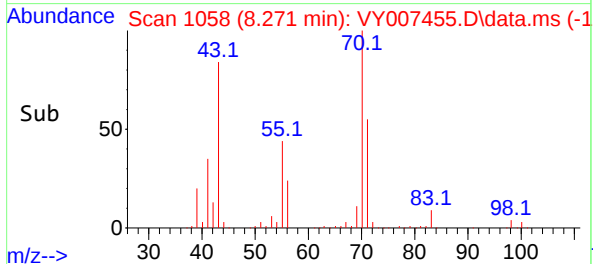
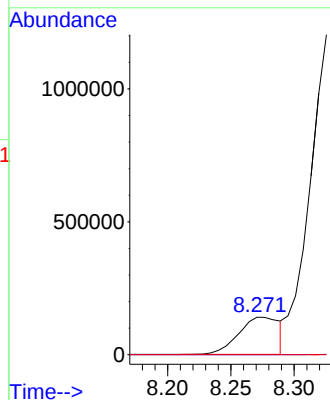
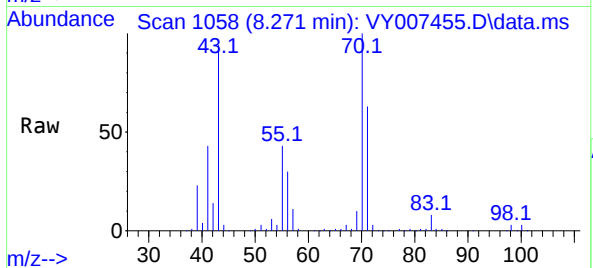
Tgt Ion: 43 Resp: 314050

Ion Ratio Lower Upper

43 100

61 0.1 20.2 30.2#

87 0.0 8.9 13.3#



#45

1,2-Dichloropropane

Concen: 4.666 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. -0.030 min

Lab File: VY007455.D

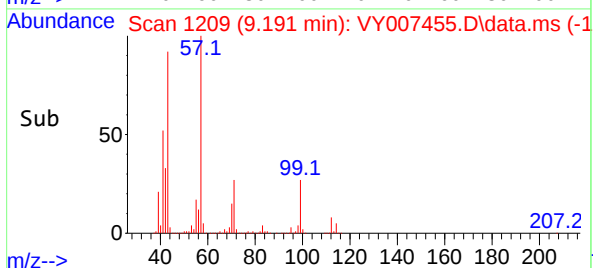
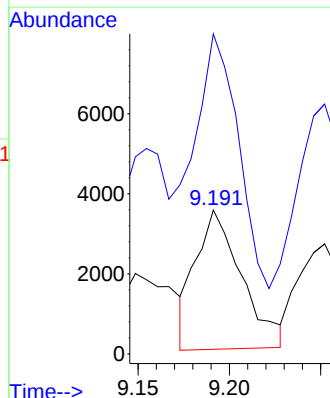
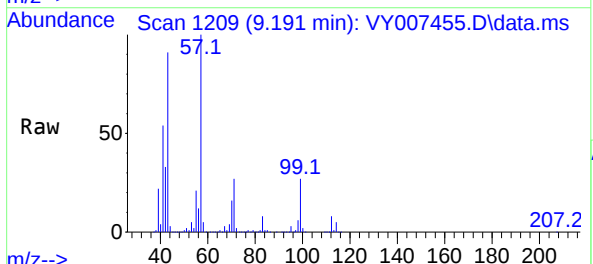
Acq: 09 Feb 2022 16:10

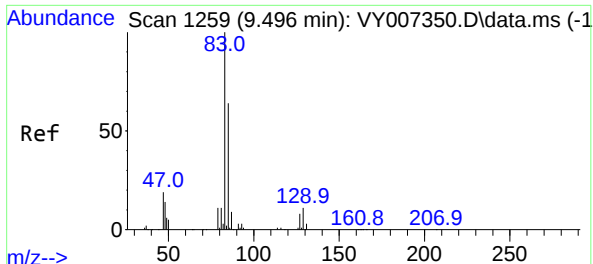
Tgt Ion: 63 Resp: 6080

Ion Ratio Lower Upper

63 100

65 200.2 23.0 34.6#





#47

Bromodichloromethane

Concen: 56.631 ug/l

RT: 9.484 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY007455.D

Acq: 09 Feb 2022 16:10

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

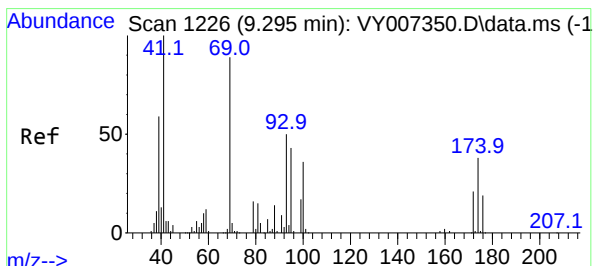
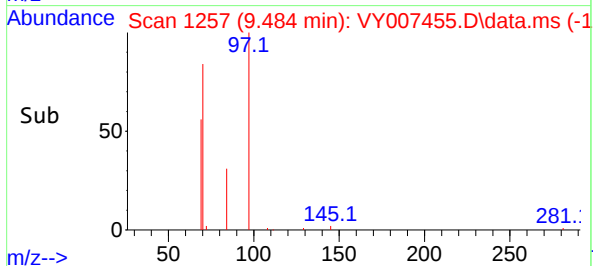
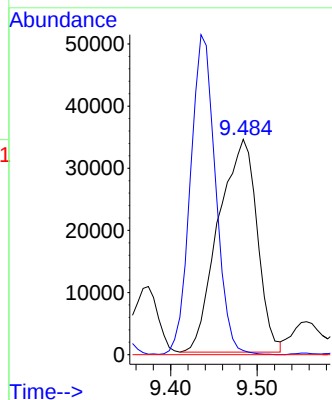
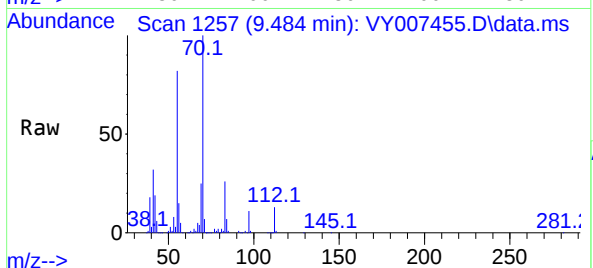
Tgt Ion: 83 Resp: 106163

Ion Ratio Lower Upper

83 100

85 1.9 51.9 77.9#

127 0.0 6.6 10.0#



#48

Methyl methacrylate

Concen: 323.634 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.031 min

Lab File: VY007455.D

Acq: 09 Feb 2022 16:10

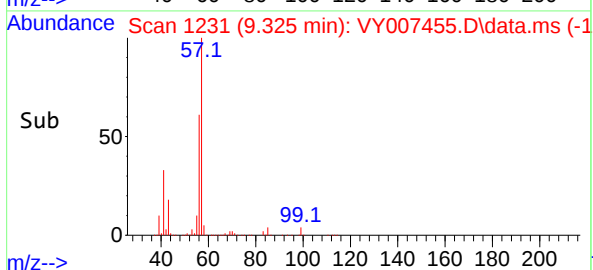
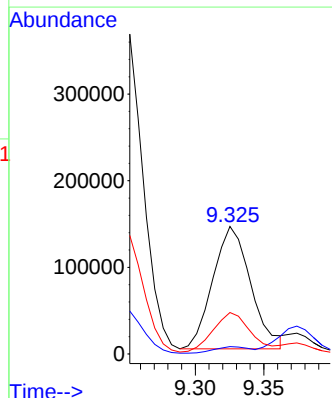
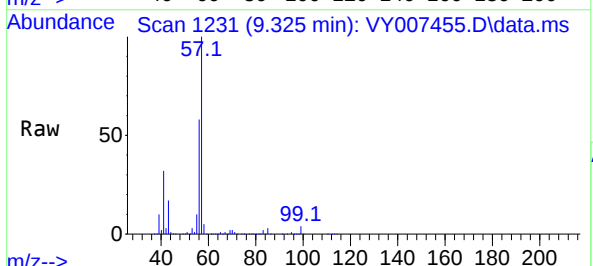
Tgt Ion: 41 Resp: 271283

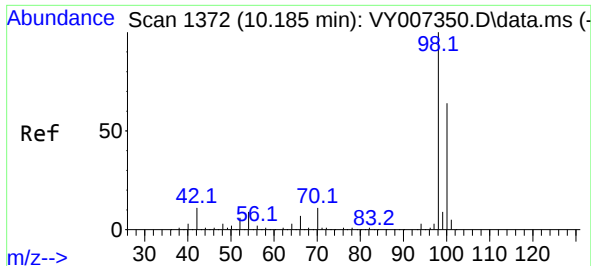
Ion Ratio Lower Upper

41 100

69 4.9 58.2 87.2#

39 31.5 47.4 71.0#

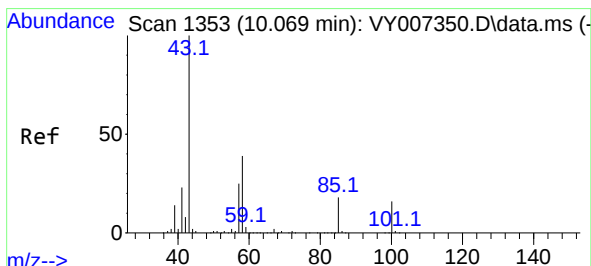
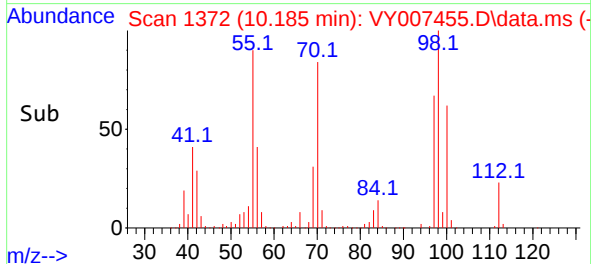
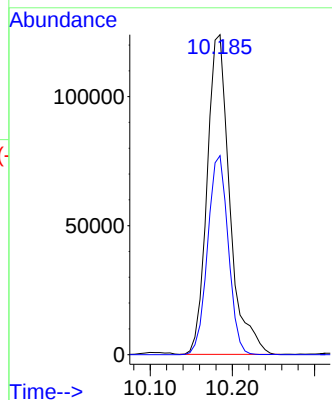
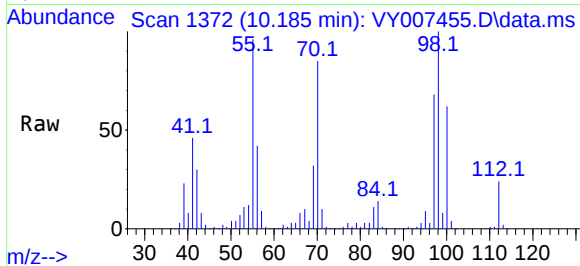




#50
Toluene-d8
Concen: 56.165 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

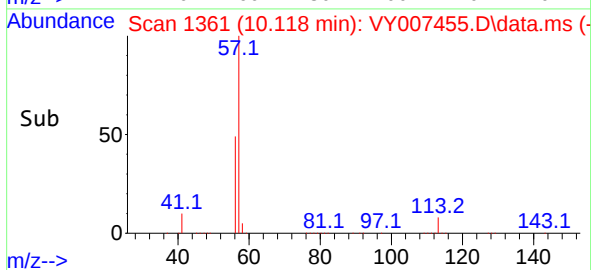
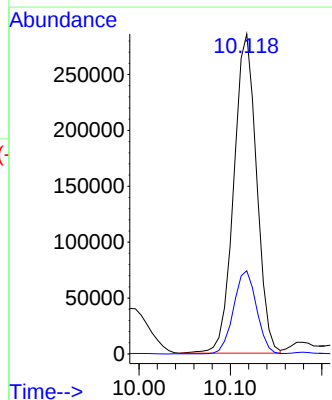
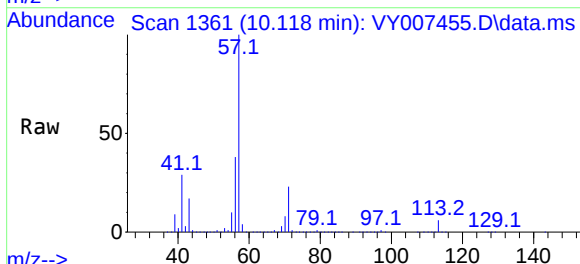
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

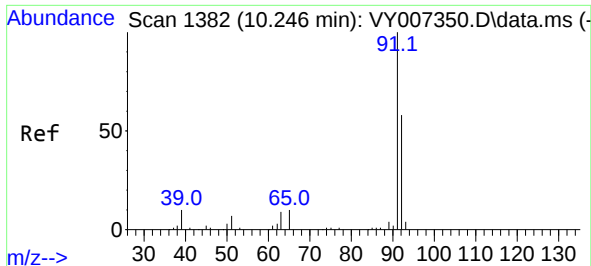
Tgt Ion: 98 Resp: 236622
Ion Ratio Lower Upper
98 100
100 56.7 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 526.046 ug/l
RT: 10.118 min Scan# 1361
Delta R.T. 0.049 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion: 43 Resp: 494509
Ion Ratio Lower Upper
43 100
58 26.2 28.1 42.1#

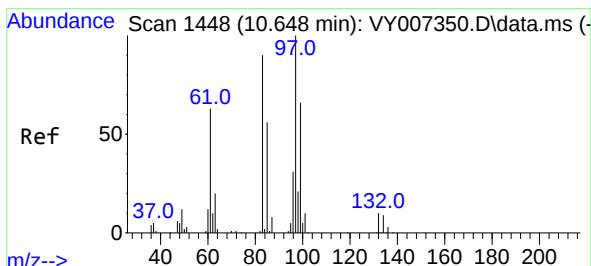
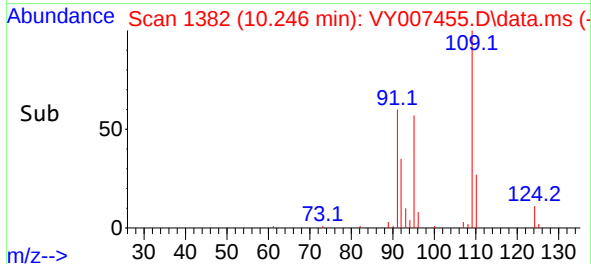
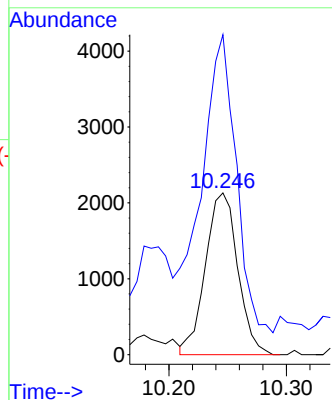
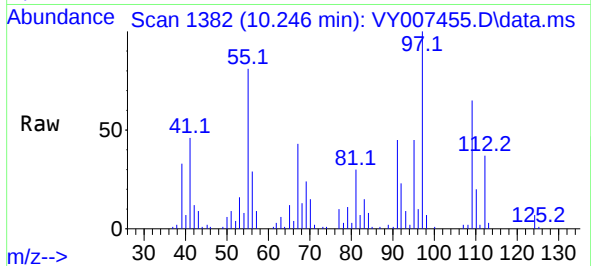




#52
Toluene
Concen: 1.225 ug/l
RT: 10.246 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

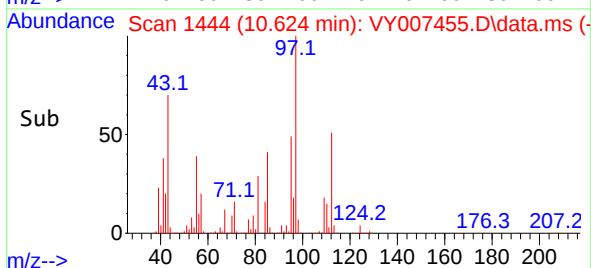
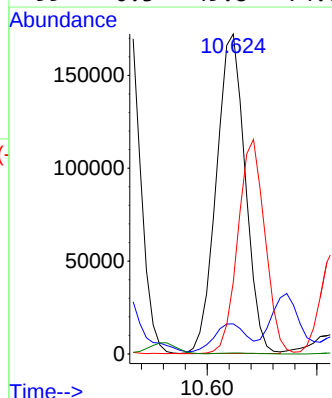
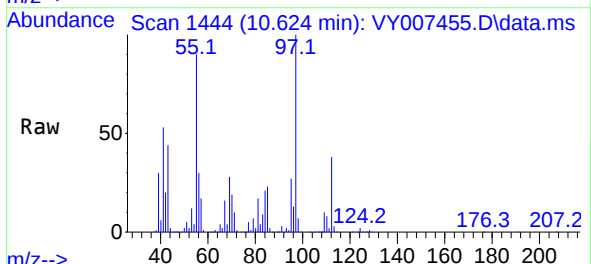
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

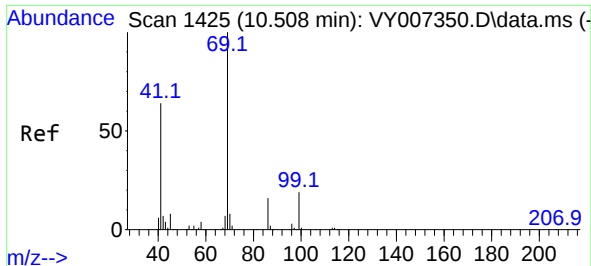
Tgt Ion: 92 Resp: 4077
Ion Ratio Lower Upper
92 100
91 198.0 142.6 213.8



#55
1,1,2-Trichloroethane
Concen: 309.085 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.024 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion: 97 Resp: 314695
Ion Ratio Lower Upper
97 100
83 8.3 69.8 104.8#
85 22.5 44.3 66.5#
99 0.3 49.8 74.6#

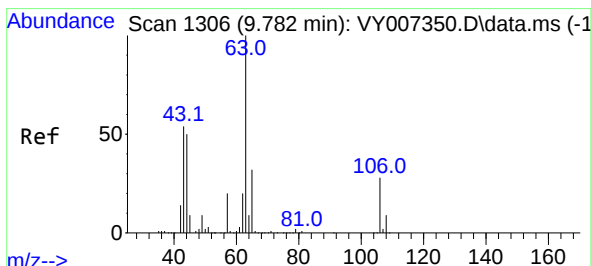
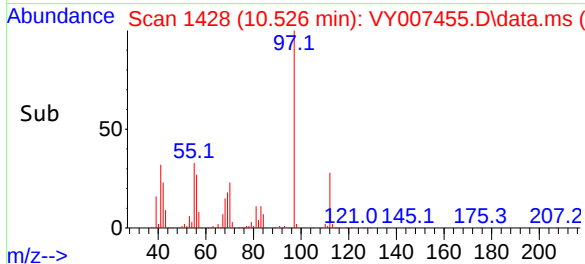
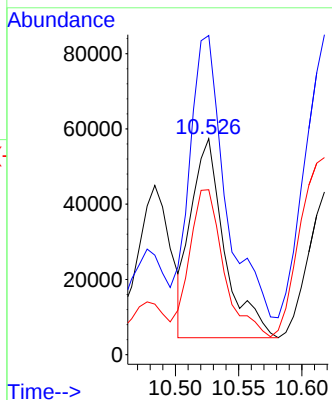
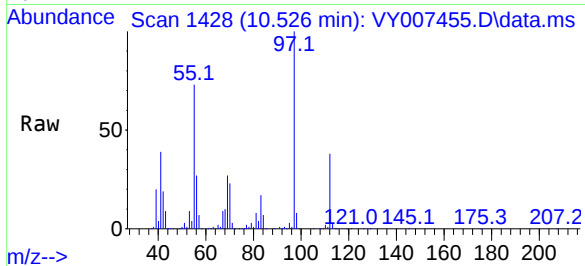




#56
Ethyl methacrylate
Concen: 68.875 ug/l
RT: 10.526 min Scan# 1425
Delta R.T. 0.018 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

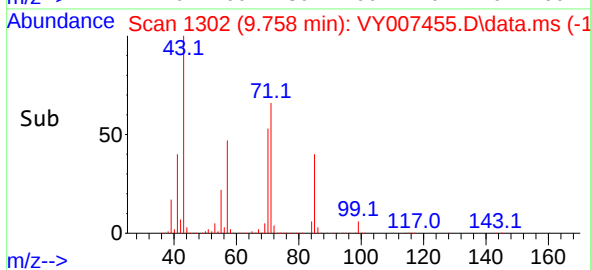
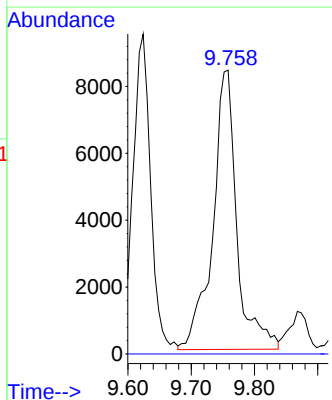
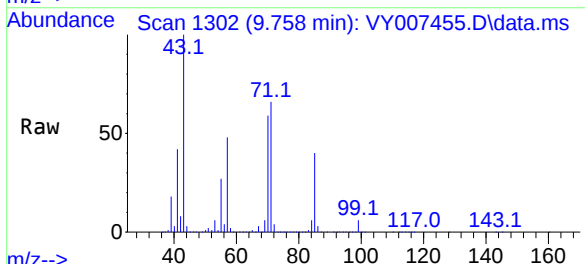
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

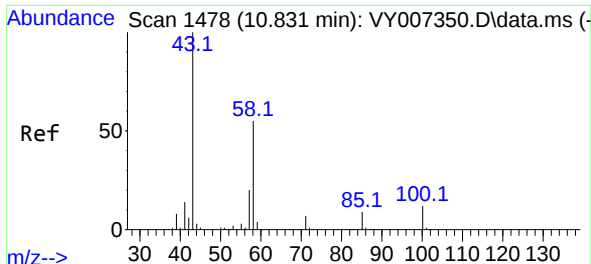
Tgt Ion: 69 Resp: 97400
Ion Ratio Lower Upper
69 100
41 180.6 63.4 95.0#
39 87.9 35.8 53.8#



#58
2-Chloroethyl Vinyl ether
Concen: 29.952 ug/l
RT: 9.758 min Scan# 1302
Delta R.T. -0.024 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion: 63 Resp: 22033
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#

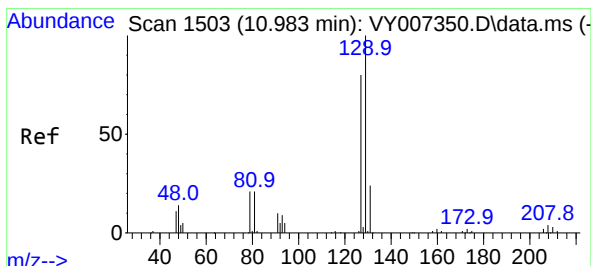
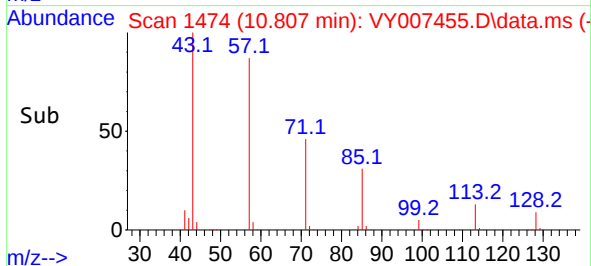
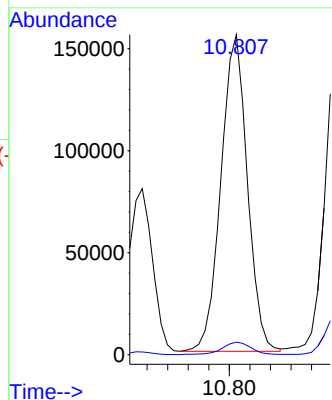
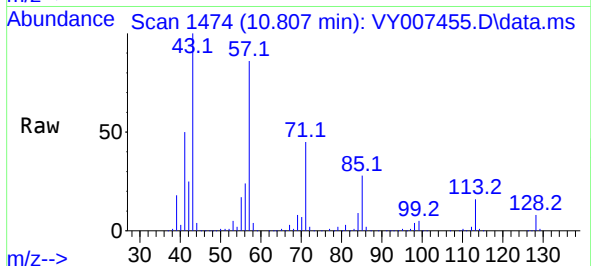




#59
2-Hexanone
Concen: 404.131 ug/l
RT: 10.807 min Scan# 1478
Delta R.T. -0.024 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

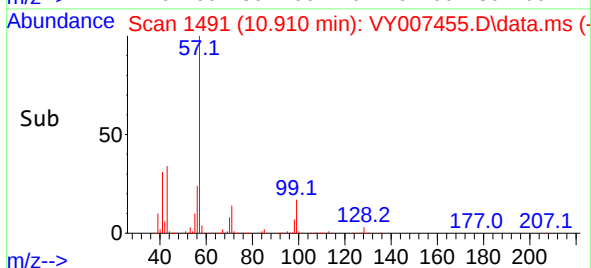
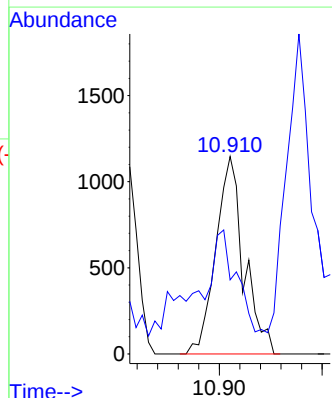
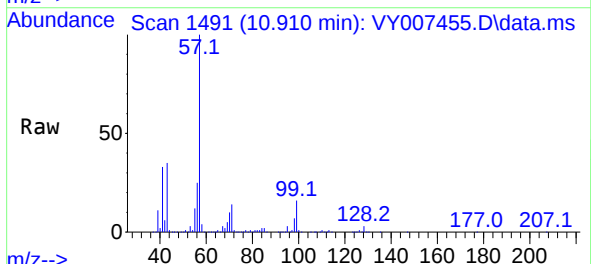
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

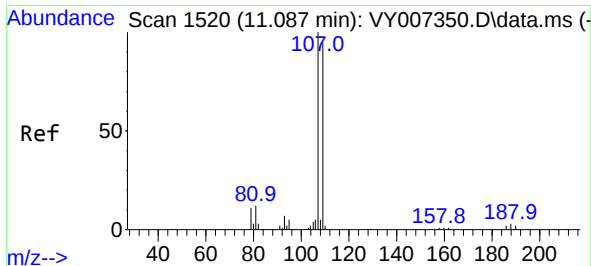
Tgt Ion: 43 Resp: 276965
Ion Ratio Lower Upper
43 100
58 4.4 24.4 73.4#



#60
Dibromochloromethane
Concen: 1.713 ug/l
RT: 10.910 min Scan# 1491
Delta R.T. -0.073 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion: 129 Resp: 2171
Ion Ratio Lower Upper
129 100
127 50.4 38.7 116.1

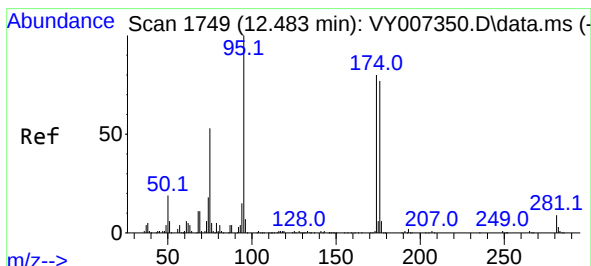
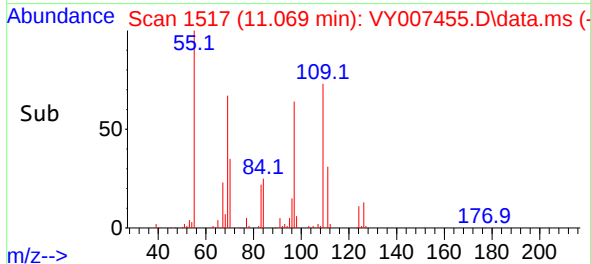
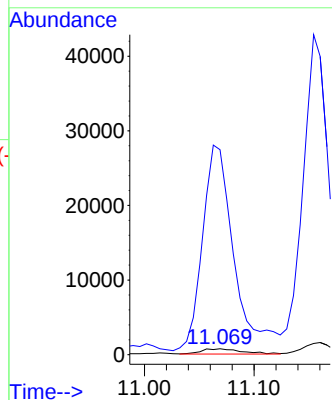
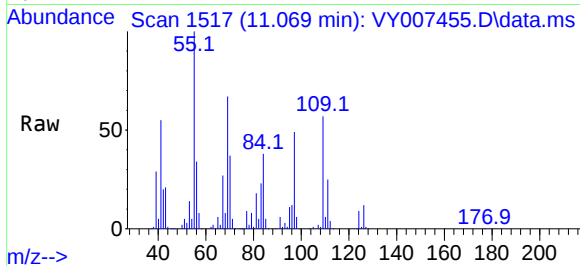




#61
1,2-Dibromoethane
Concen: 1.815 ug/l
RT: 11.069 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

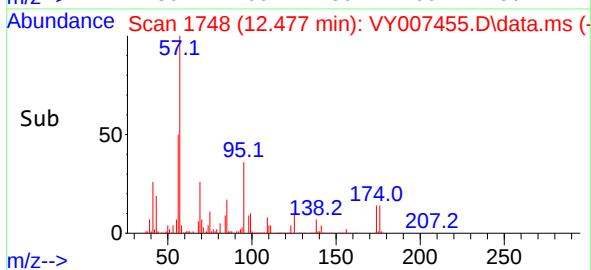
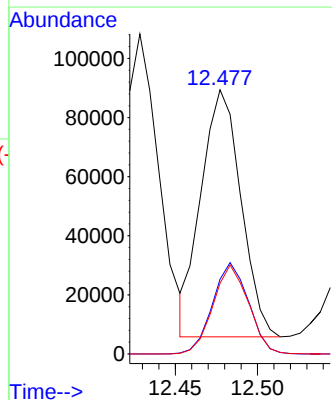
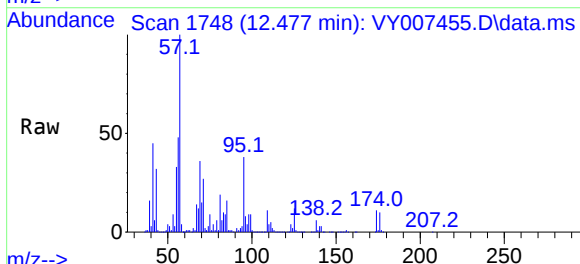
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

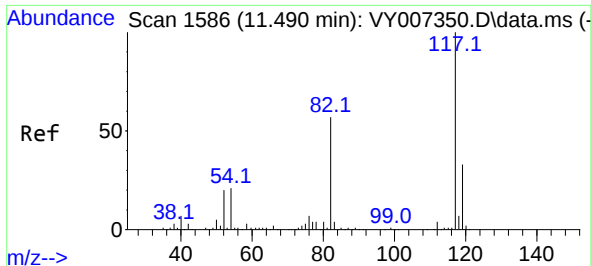
Tgt Ion:107 Resp: 1828
Ion Ratio Lower Upper
107 100
109 3004.6 75.4 113.2#



#62
4-Bromofluorobenzene
Concen: 98.642 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion: 95 Resp: 141250
Ion Ratio Lower Upper
95 100
174 33.2 0.0 177.0
176 31.9 0.0 175.8

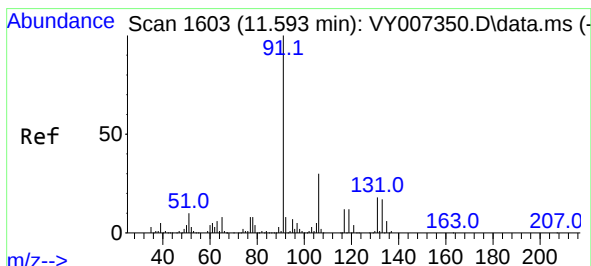
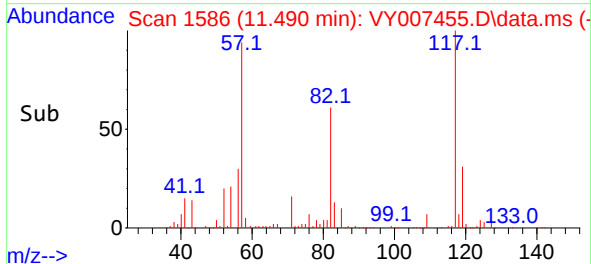
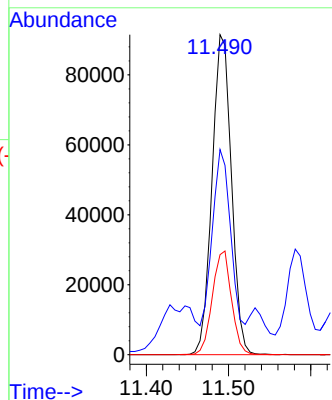
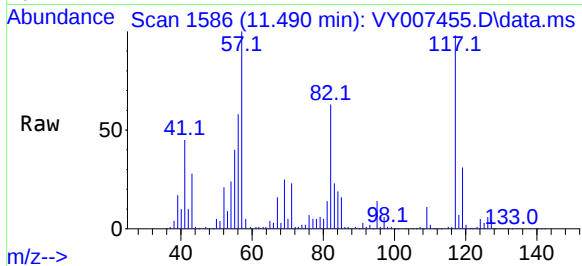




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

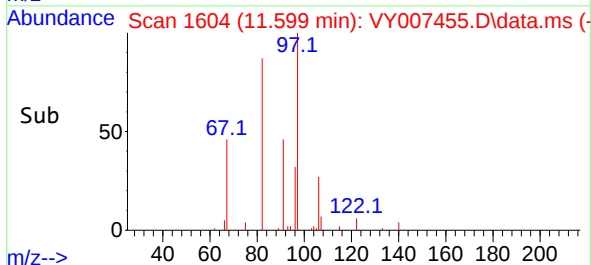
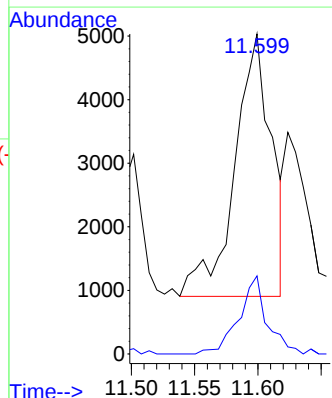
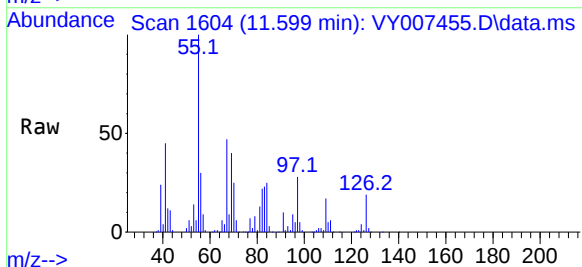
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

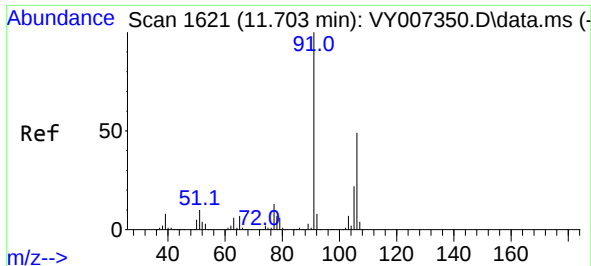
Tgt Ion:	117	Resp:	149439
Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.0	64.4
119	31.2	25.4	38.0



#67
Ethyl Benzene
Concen: 1.323 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion:	91	Resp:	8345
Ion	Ratio	Lower	Upper
91	100		
106	29.8	24.5	36.7

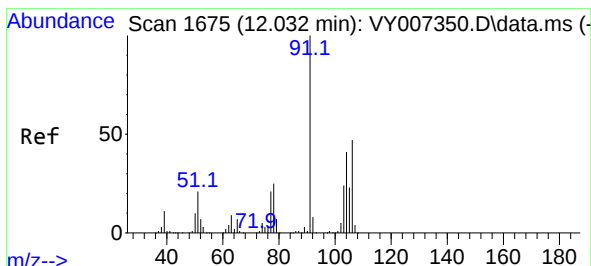
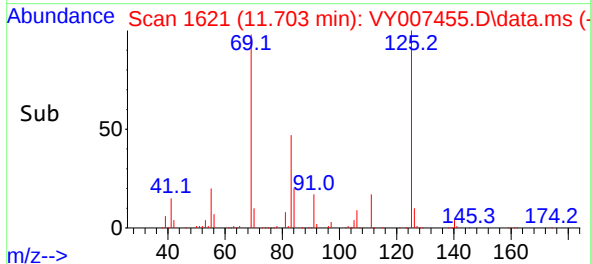
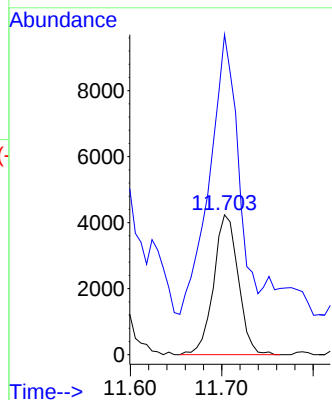
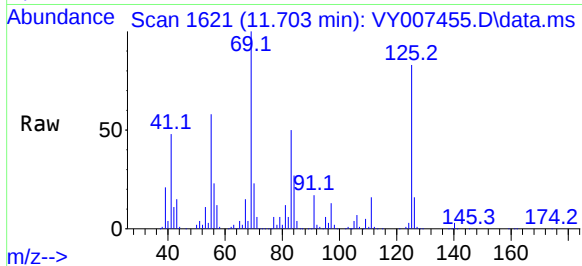




#68
m/p-Xylenes
Concen: 3.399 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

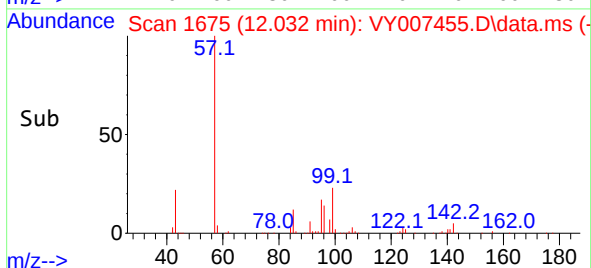
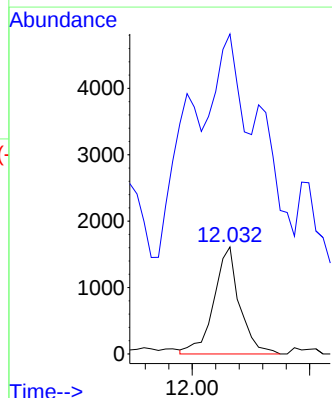
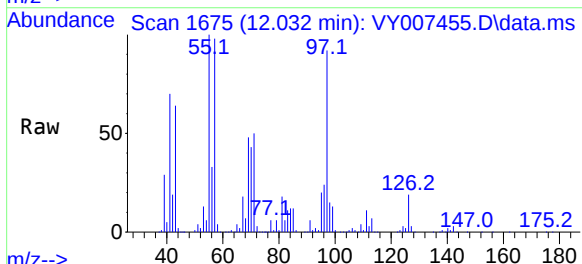
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

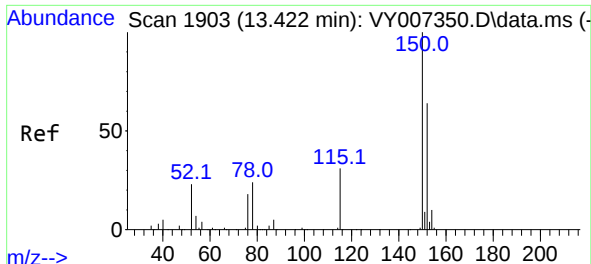
Tgt Ion:106 Resp: 7941
Ion Ratio Lower Upper
106 100
91 232.4 166.6 249.8



#69
o-Xylene
Concen: 1.109 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion:106 Resp: 2449
Ion Ratio Lower Upper
106 100
91 88.9 110.3 331.0#

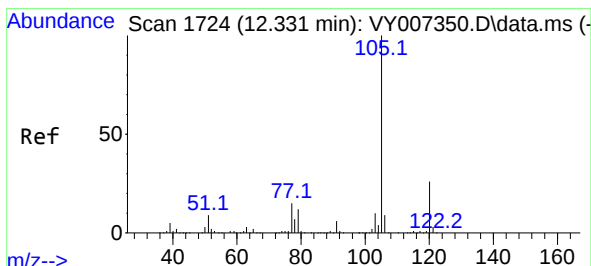
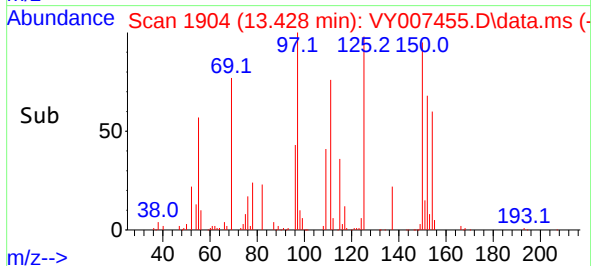
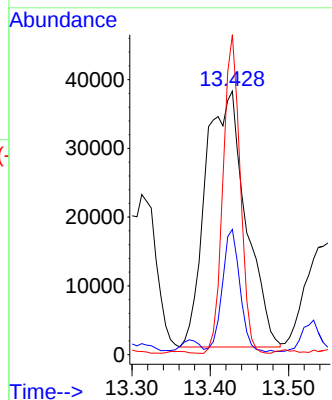
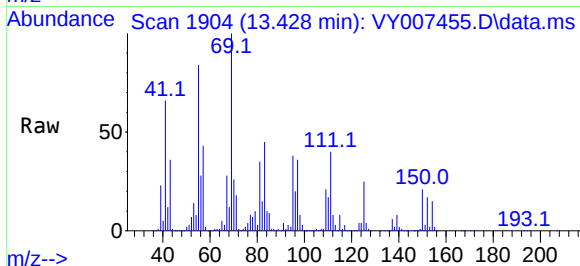




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

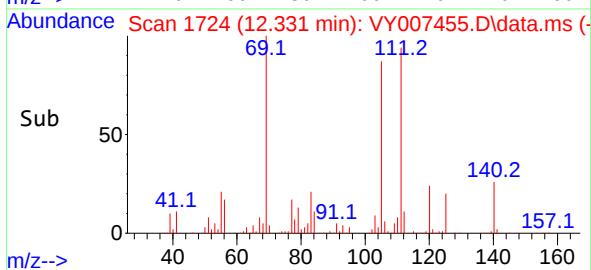
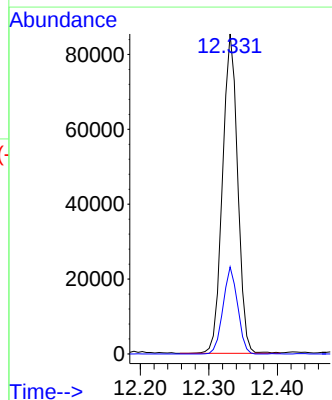
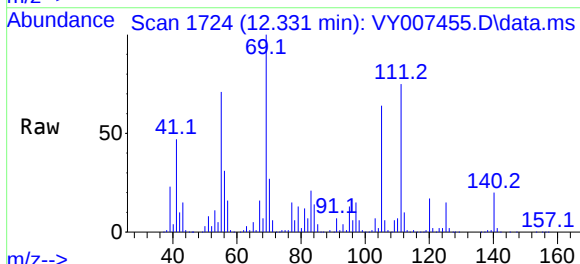
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

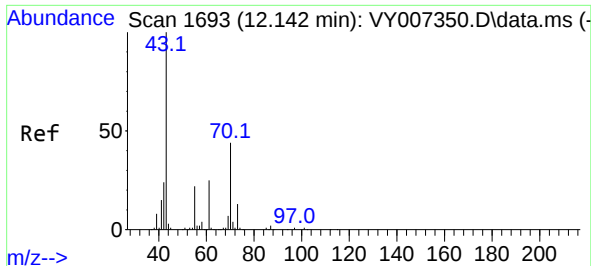
Tgt Ion:152 Resp: 132825
Ion Ratio Lower Upper
152 100
115 21.0 28.2 84.7#
150 53.1 0.0 347.6



#73
Isopropylbenzene
Concen: 10.783 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion:105 Resp: 130902
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.2

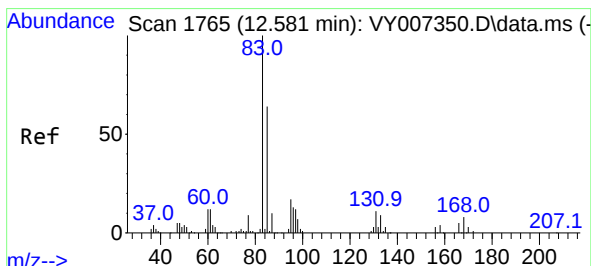
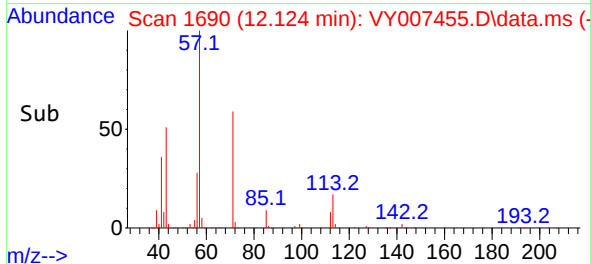
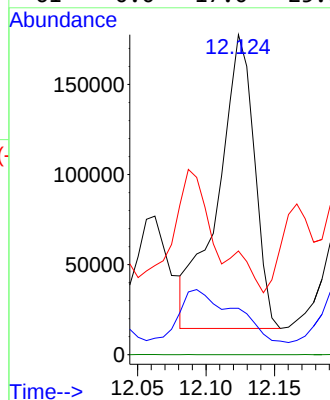
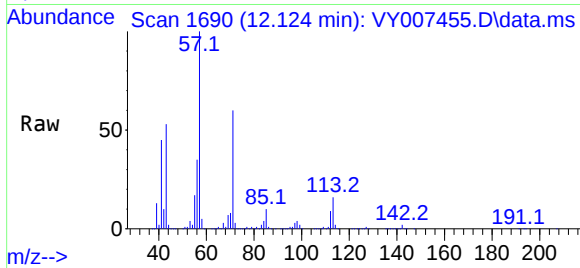




#74
N-amy1 acetate
Concen: 100.489 ug/l
RT: 12.124 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

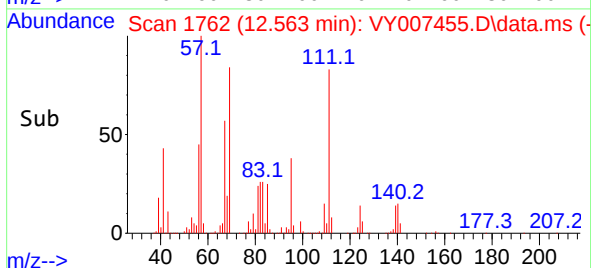
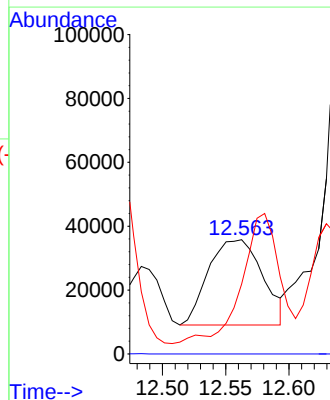
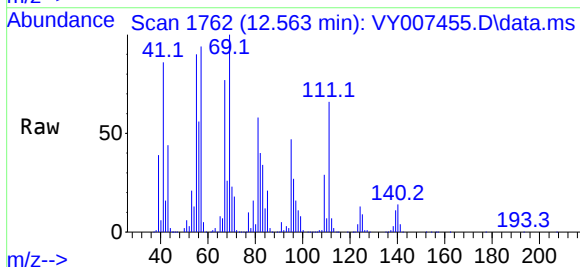
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

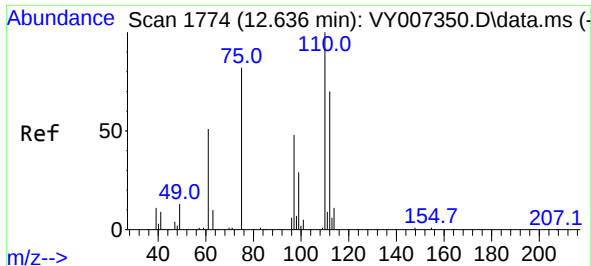
Tgt Ion: 43 Resp: 301947
Ion Ratio Lower Upper
43 100
70 0.0 28.7 43.1#
55 0.0 17.3 25.9#
61 0.0 17.0 25.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 35.836 ug/l
RT: 12.563 min Scan# 1762
Delta R.T. -0.018 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion: 83 Resp: 79443
Ion Ratio Lower Upper
83 100
131 0.0 5.6 16.8#
85 106.7 32.3 96.8#

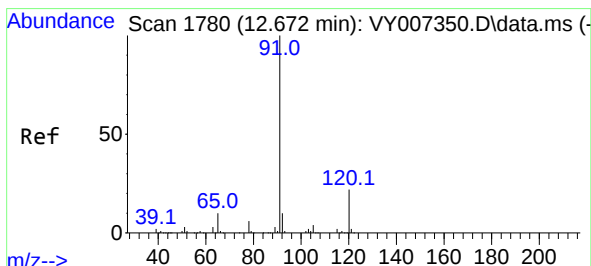
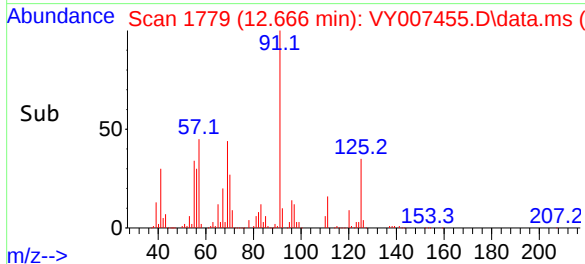
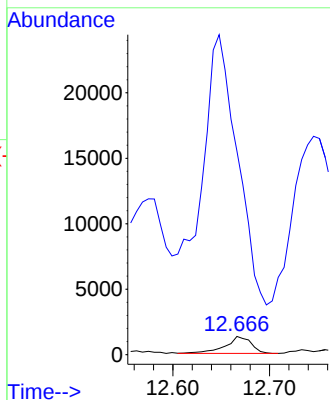
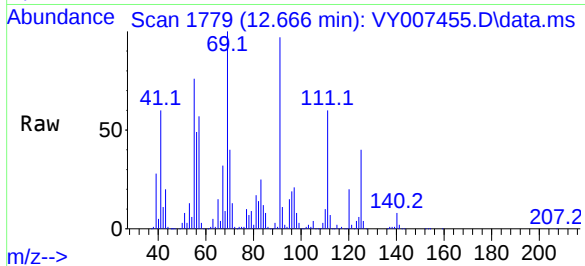




#76
1,2,3-Trichloropropane
Concen: 1.531 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.031 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

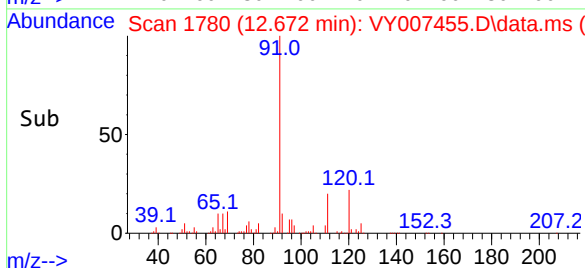
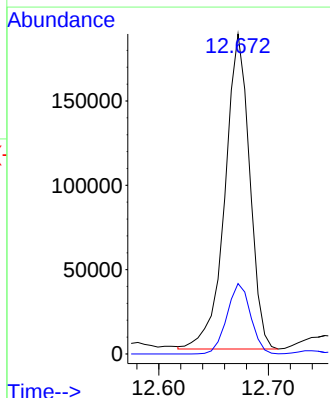
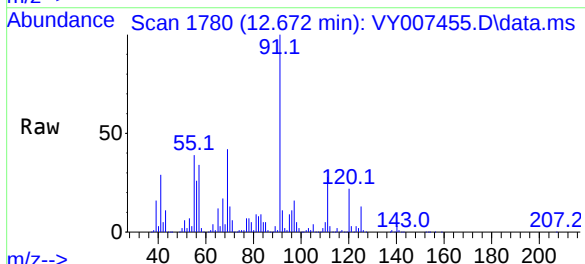
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

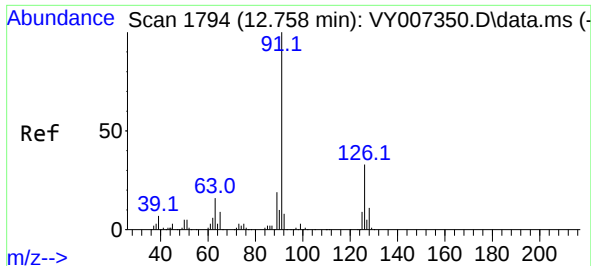
Tgt Ion: 75 Resp: 2417
Ion Ratio Lower Upper
75 100
77 2119.9 0.0 0.0#



#78
n-propylbenzene
Concen: 19.892 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion: 91 Resp: 292476
Ion Ratio Lower Upper
91 100
120 21.4 11.3 33.9

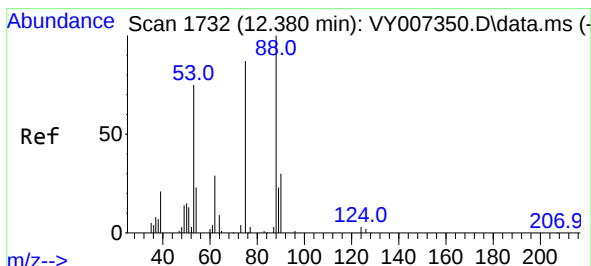
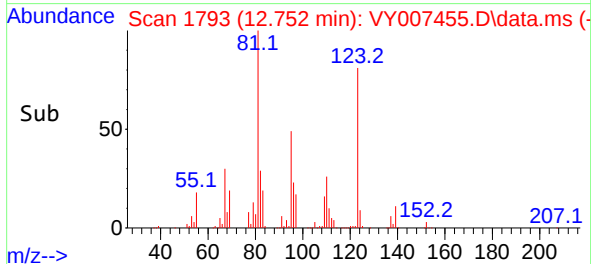
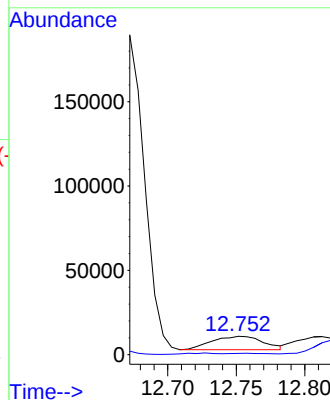
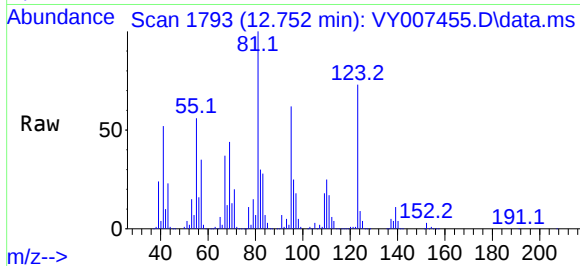




#79
2-Chlorotoluene
Concen: 2.563 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

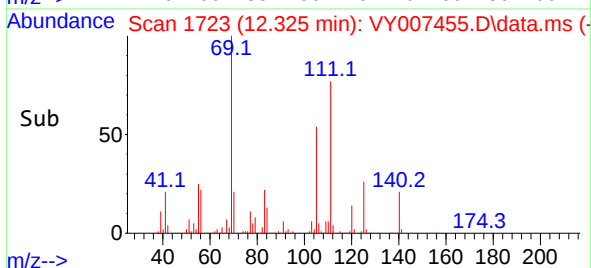
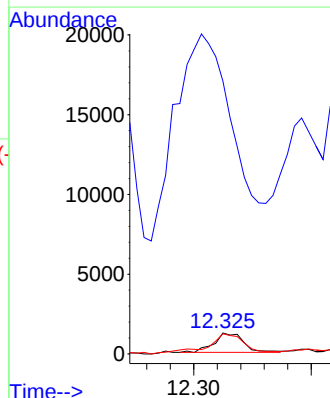
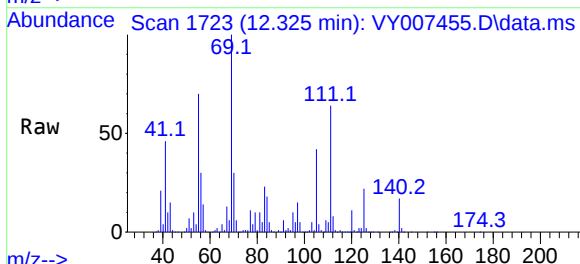
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

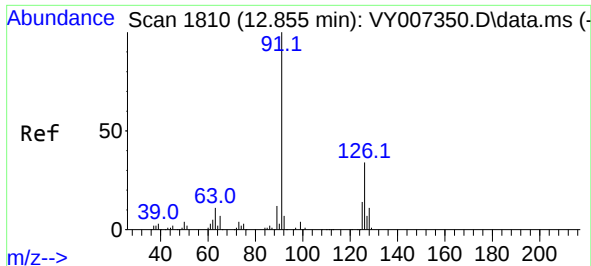
Tgt Ion: 91 Resp: 20865
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 2.682 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.055 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion: 75 Resp: 2114
Ion Ratio Lower Upper
75 100
53 2054.2 85.3 127.9#
89 137.2 37.0 55.4#

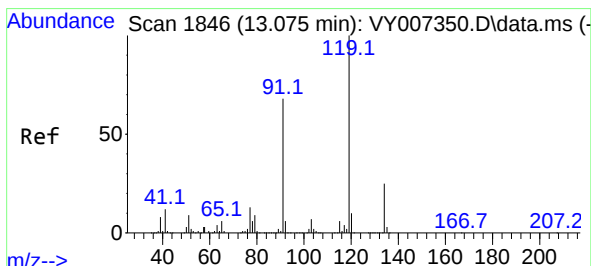
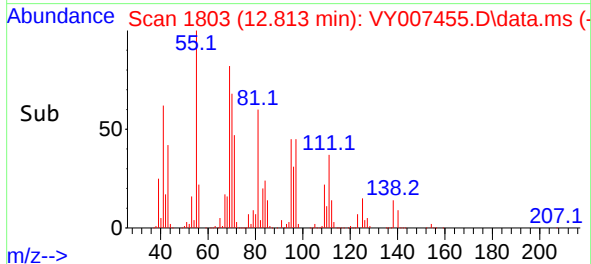
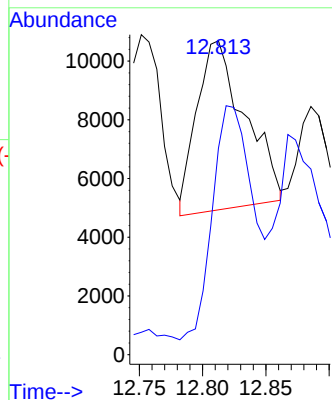
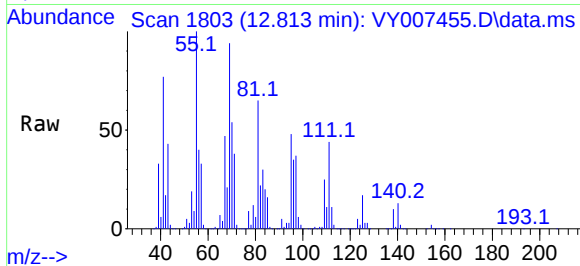




#82
4-Chlorotoluene
Concen: 1.832 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.043 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

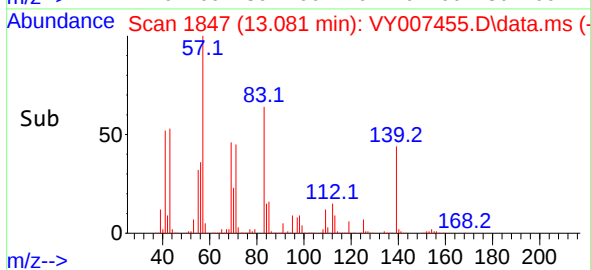
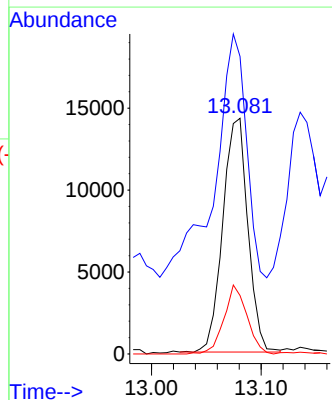
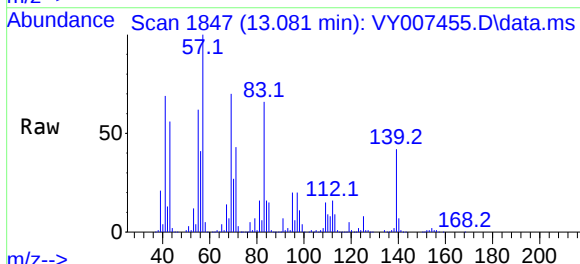
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

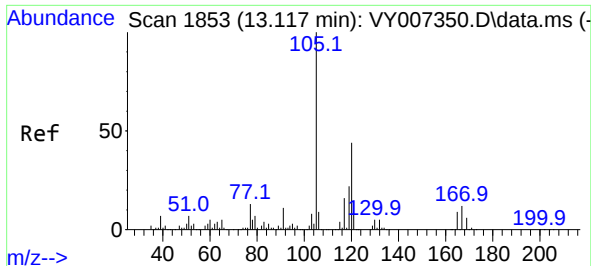
Tgt Ion: 91 Resp: 15315
Ion Ratio Lower Upper
91 100
126 115.8 17.0 51.0#



#83
tert-Butylbenzene
Concen: 2.636 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion: 119 Resp: 22725
Ion Ratio Lower Upper
119 100
91 129.2 34.8 104.4#
134 26.9 13.3 39.9

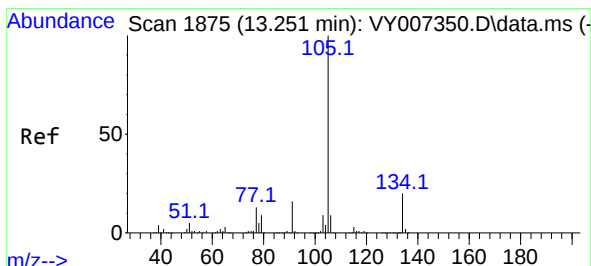
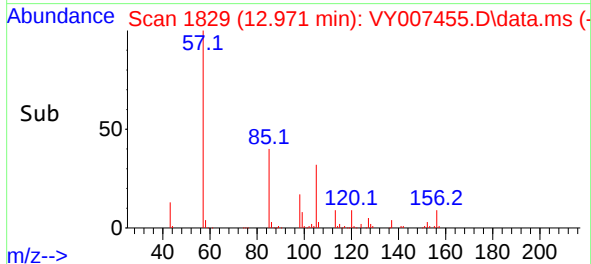
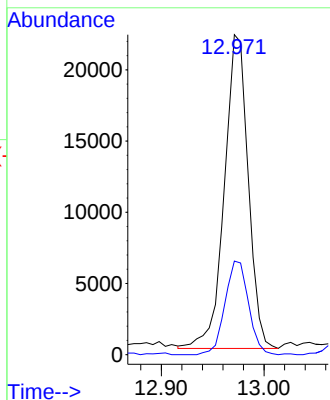
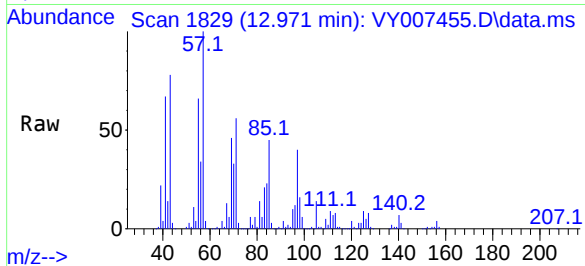




#84
1,2,4-Trimethylbenzene
Concen: 3.650 ug/l
RT: 12.971 min Scan# 11
Delta R.T. -0.146 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

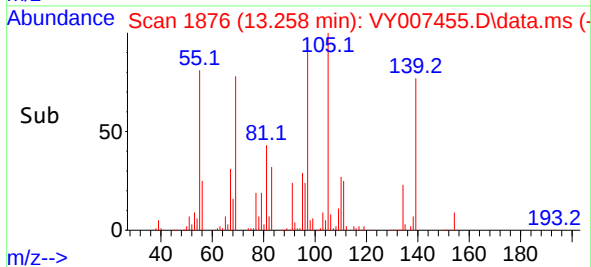
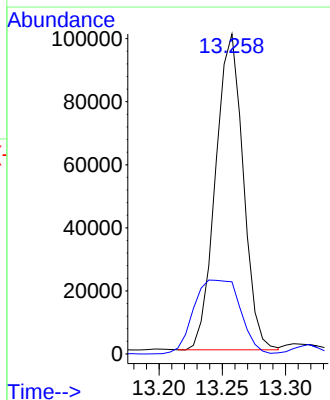
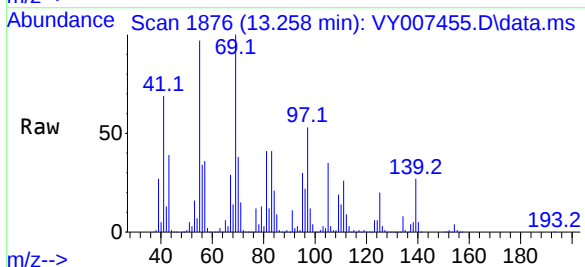
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

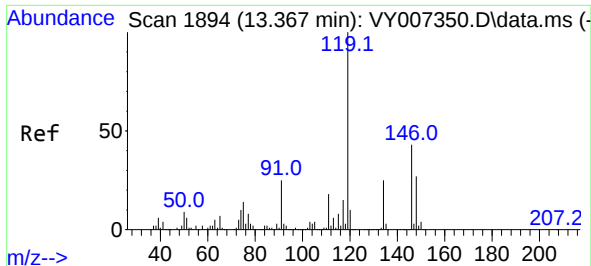
Tgt Ion:105 Resp: 35591
Ion Ratio Lower Upper
105 100
120 29.3 22.3 66.9



#85
sec-Butylbenzene
Concen: 11.773 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion:105 Resp: 152232
Ion Ratio Lower Upper
105 100
134 39.3 10.2 30.4#

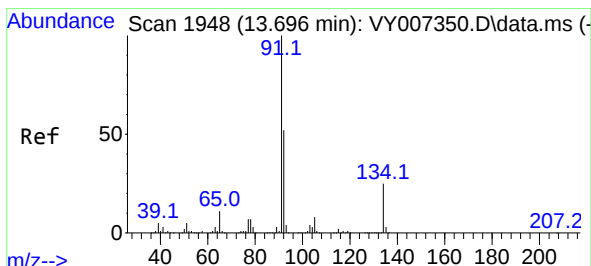
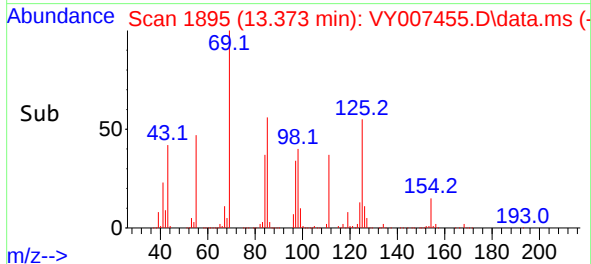
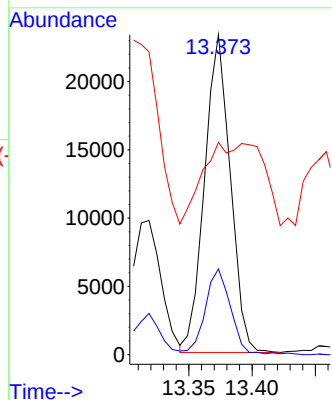
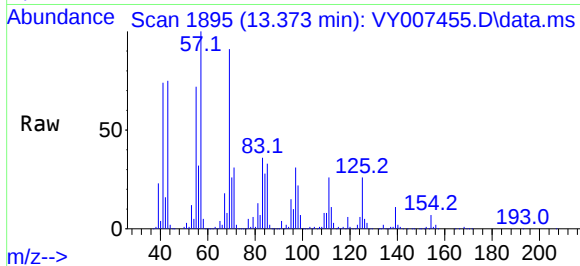




#86
p-Isopropyltoluene
Concen: 3.125 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

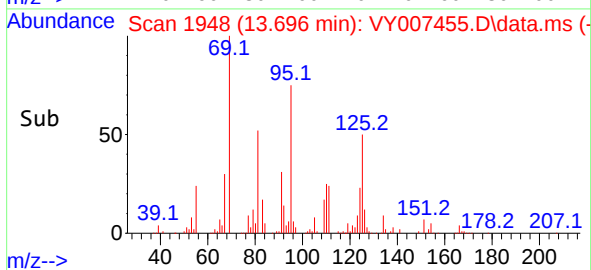
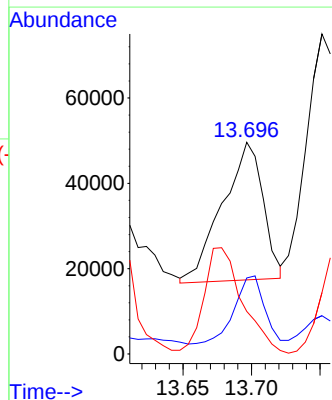
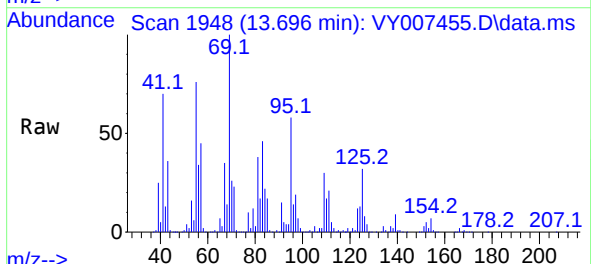
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

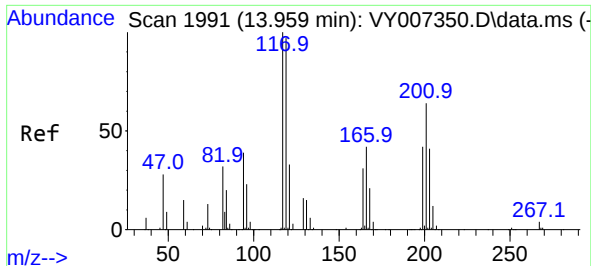
Tgt Ion:119 Resp: 32916
Ion Ratio Lower Upper
119 100
134 26.9 13.2 39.5
91 60.5 12.4 37.2#



#89
n-Butylbenzene
Concen: 6.595 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion: 91 Resp: 66866
Ion Ratio Lower Upper
91 100
92 36.9 26.3 78.9
134 0.0 13.0 38.9#

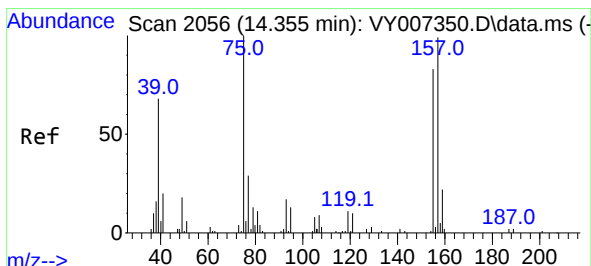
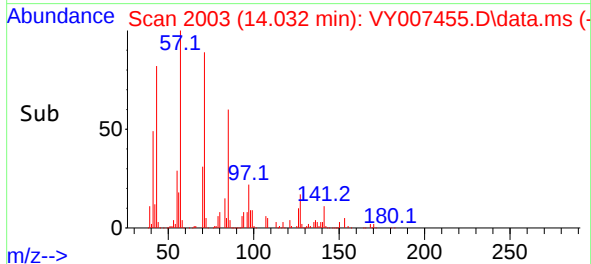
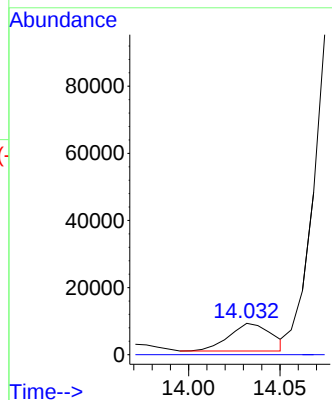
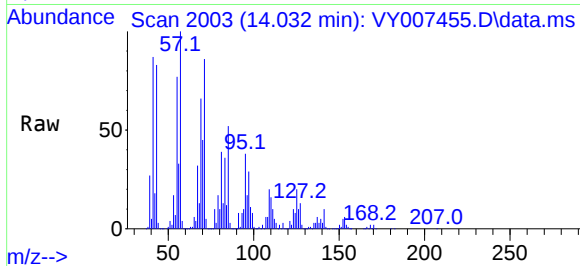




#90
Hexachloroethane
Concen: 6.636 ug/l
RT: 14.032 min Scan# 2003
Delta R.T. 0.073 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

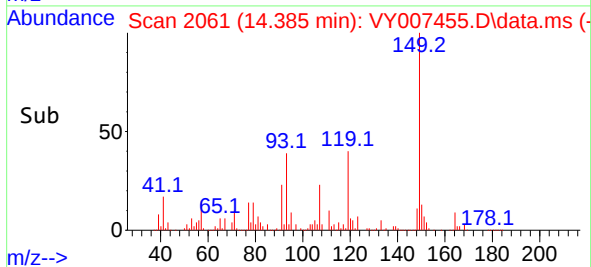
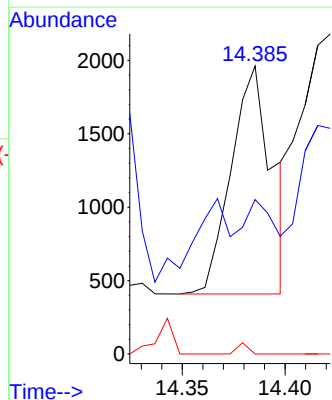
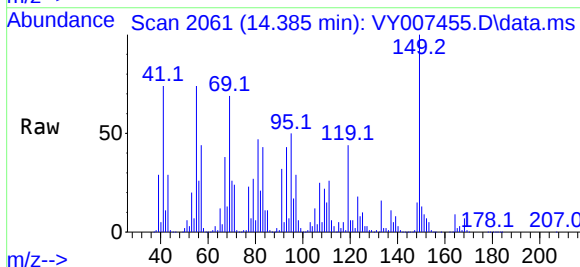
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

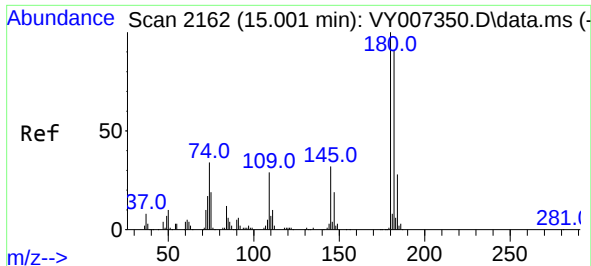
Tgt Ion:117 Resp: 13211
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.954 ug/l
RT: 14.385 min Scan# 2061
Delta R.T. 0.031 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

Tgt Ion: 75 Resp: 2145
Ion Ratio Lower Upper
75 100
155 20.5 38.0 113.9#
157 0.0 47.8 143.3#

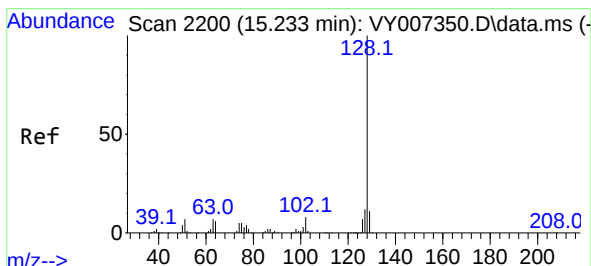
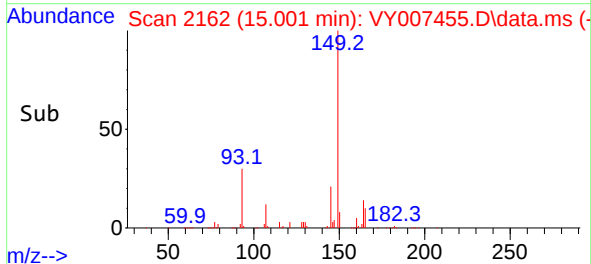
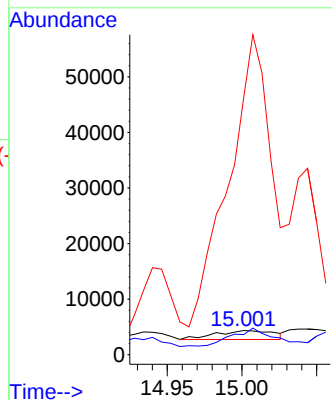
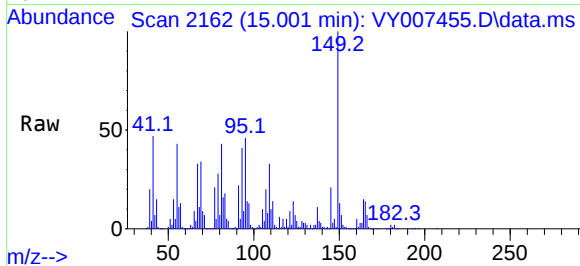




#93
1,2,4-Trichlorobenzene
Concen: 1.684 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. 0.000 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

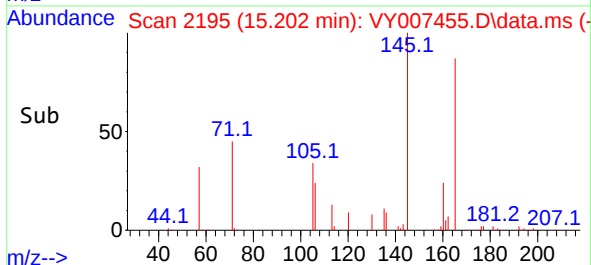
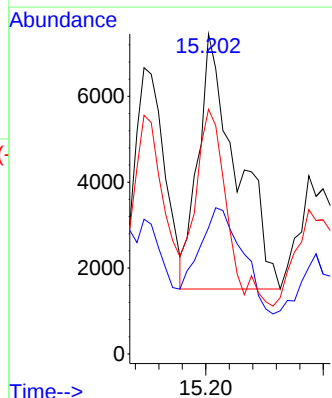
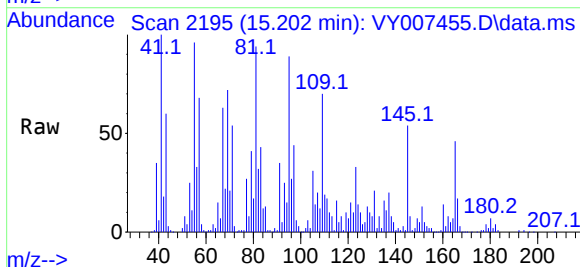
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

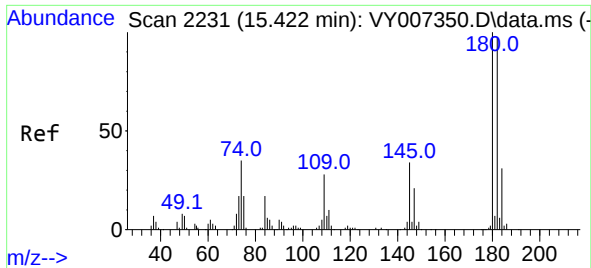
Tgt Ion:180 Resp: 4353
Ion Ratio Lower Upper
180 100
182 145.9 47.3 141.9#
145 2706.3 14.6 43.8#



#95
Naphthalene
Concen: 2.515 ug/l
RT: 15.202 min Scan# 2195
Delta R.T. -0.030 min
Lab File: VY007455.D
Acq: 09 Feb 2022 16:10

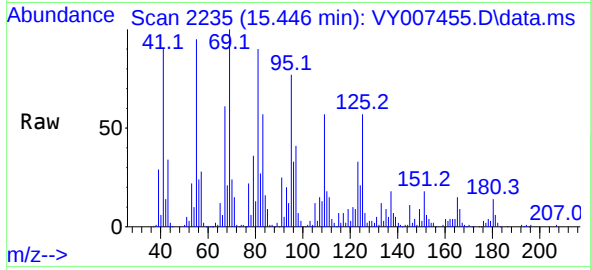
Tgt Ion:128 Resp: 13508
Ion Ratio Lower Upper
128 100
127 47.4 11.0 16.4#
129 62.8 8.4 12.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.084 ug/l
 RT: 15.446 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: VY007455.D
 Acq: 09 Feb 2022 16:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3



Tgt Ion:	180	Resp:	4547
Ion Ratio	Lower	Upper	
180	100		
182	0.0	47.3	141.9#
145	0.0	15.3	45.9#

