

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013618.D
 Acq On : 05 May 2023 12:24
 Operator : KP/MD
 Sample : 02604-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TF-1RE

Quant Time: May 08 00:23:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	1417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	3101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	3045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	688	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	2364	152.188	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 304.380%#	
35) Dibromofluoromethane	7.710	113	1430	73.319	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 146.640%	
50) Toluene-d8	10.179	98	3350	48.283	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.560%	
62) 4-Bromofluorobenzene	12.477	95	878	37.536	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 75.080%	

Target Compounds						Qvalue
3) Chloromethane	2.119	50	453	25.087	ug/l #	75
4) Vinyl Chloride	2.223	62	40	2.225	ug/l #	43
5) Bromomethane	2.674	94	246	17.170	ug/l #	77
9) 1,1,2-Trichlorotrifluo...	3.967	101	42	2.749	ug/l #	15
10) Methyl Iodide	4.107	142	582	30.330	ug/l #	87
14) Allyl chloride	4.460	41	32	1.171	ug/l #	22
15) Acrylonitrile	5.009	53	24	4.620	ug/l #	18
16) Acetone	3.960	43	45	7.356	ug/l #	43
18) Methyl Acetate	4.521	43	23	1.138	ug/l #	51
20) Methylene Chloride	4.716	84	203	2.987	ug/l #	73
21) trans-1,2-Dichloroethene	5.326	96	21	1.304	ug/l #	1
29) Tetrahydrofuran	7.338	42	23	4.763	ug/l #	32
30) Chloroform	7.698	83	48	1.622	ug/l #	18
36) 1,1-Dichloropropene	7.911	75	45	1.390	ug/l #	40
38) Carbon Tetrachloride	7.783	117	175	5.158	ug/l #	11
41) Methacrylonitrile	7.314	41	21	1.850	ug/l #	23
43) Isopropyl Acetate	8.246	43	44	1.070	ug/l #	53
48) Methyl methacrylate	9.301	41	57	3.019	ug/l #	39
51) 4-Methyl-2-Pentanone	10.197	43	64	2.793	ug/l #	37
59) 2-Hexanone	10.630	43	55	3.302	ug/l #	26
60) Dibromochloromethane	10.728	129	24	1.046	ug/l #	11
67) Ethyl Benzene	11.715	91	259	2.224	ug/l #	43
73) Isopropylbenzene	12.337	105	149	2.863	ug/l #	48
74) N-amyl acetate	11.898	43	21	1.134	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.514	83	23	1.808	ug/l #	26
76) 1,2,3-Trichloropropane	12.526	75	29	3.126	ug/l #	100
78) n-propylbenzene	12.666	91	135	2.106	ug/l #	51
79) 2-Chlorotoluene	12.752	91	110	3.073	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.819	105	91	2.143	ug/l #	28
81) trans-1,4-Dichloro-2-b...	12.483	75	522	115.081	ug/l #	12
83) tert-Butylbenzene	13.062	119	47	1.277	ug/l #	27
84) 1,2,4-Trimethylbenzene	13.111	105	55	1.332	ug/l #	31
87) 1,3-Dichlorobenzene	13.380	146	46	1.915	ug/l #	60
88) 1,4-Dichlorobenzene	13.459	146	54	2.225	ug/l #	25
91) 1,2-Dichlorobenzene	13.459	146	54	2.489	ug/l #	25
93) 1,2,4-Trichlorobenzene	15.007	180	78	6.031	ug/l #	12

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Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

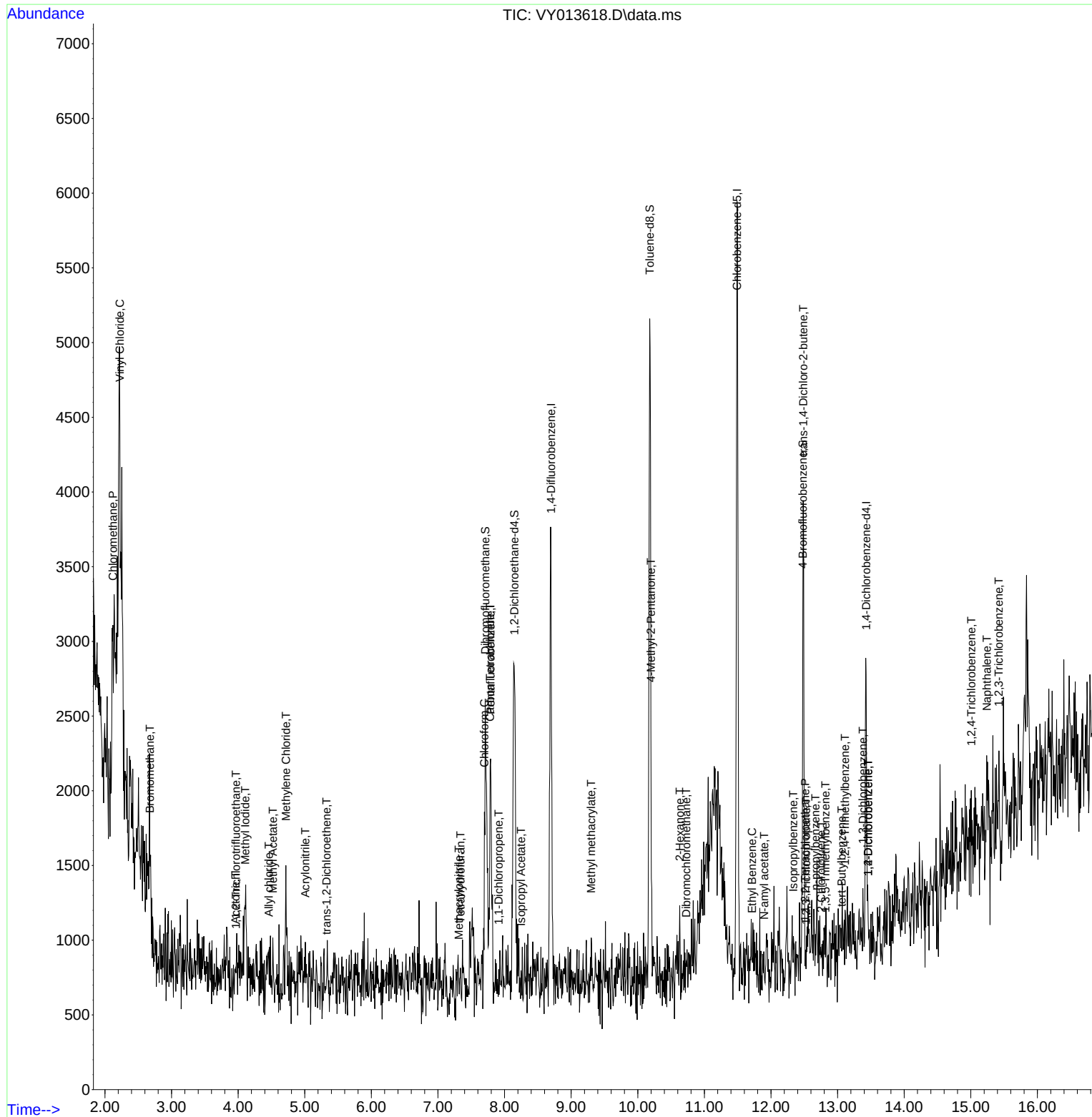
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.239	128	373	13.292	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.422	180	48	4.164	ug/l #	17

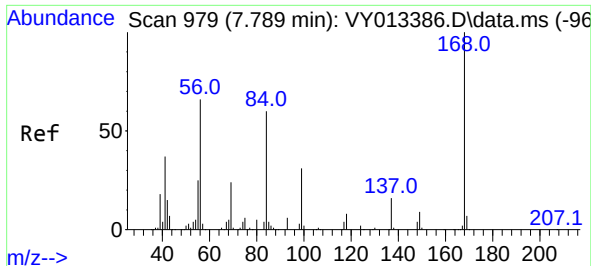
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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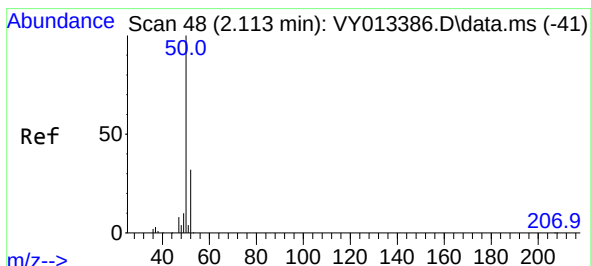
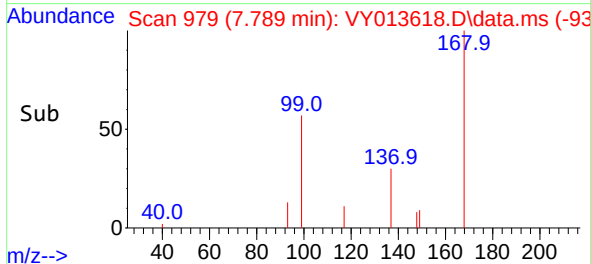
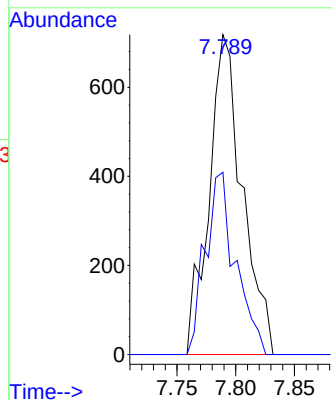
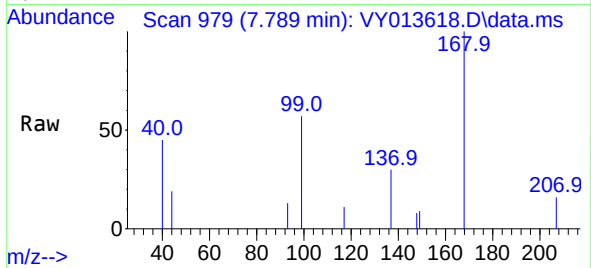




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

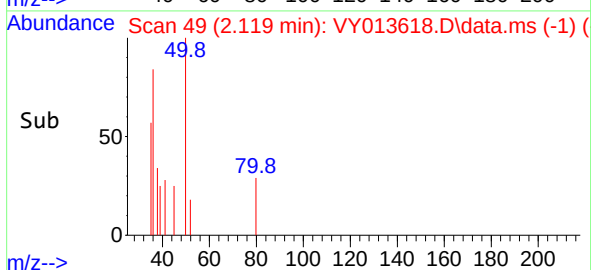
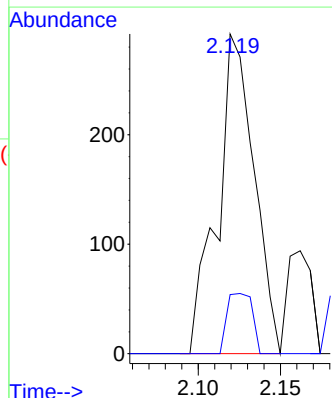
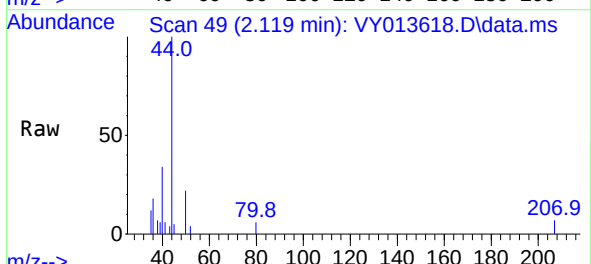
Instrument :
MSVOA_Y
ClientSampleId :
TF-1RE

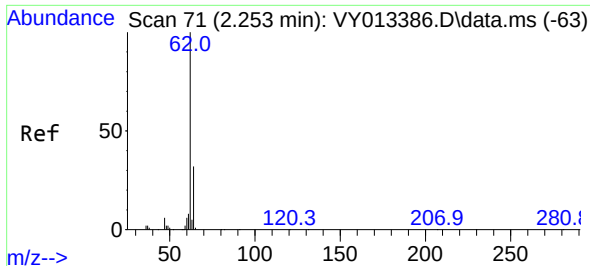
Tgt Ion:168 Resp: 1417
Ion Ratio Lower Upper
168 100
99 57.0 41.8 62.6



#3
Chloromethane
Concen: 25.087 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

Tgt Ion: 50 Resp: 453
Ion Ratio Lower Upper
50 100
52 18.5 25.9 38.9#

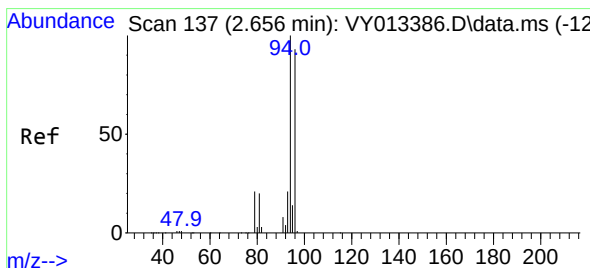
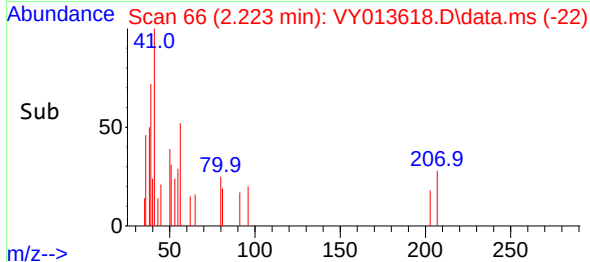
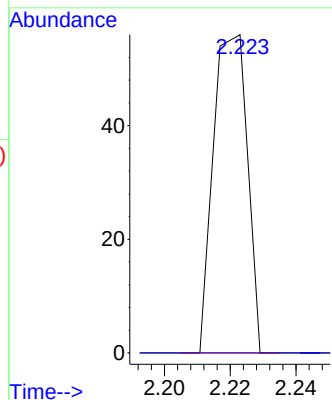
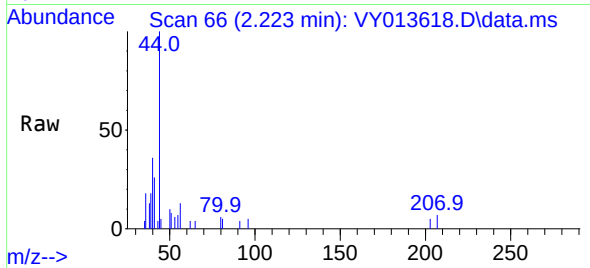




#4
 Vinyl Chloride
 Concen: 2.225 ug/l
 RT: 2.223 min Scan# 60
 Delta R.T. -0.030 min
 Lab File: VY013618.D
 Acq: 05 May 2023 12:24

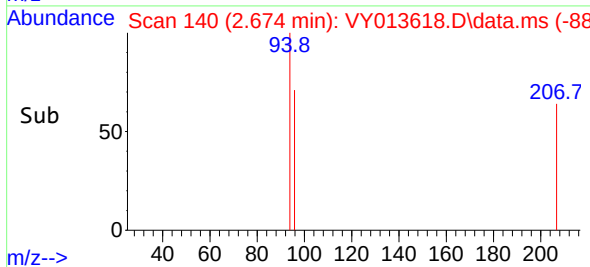
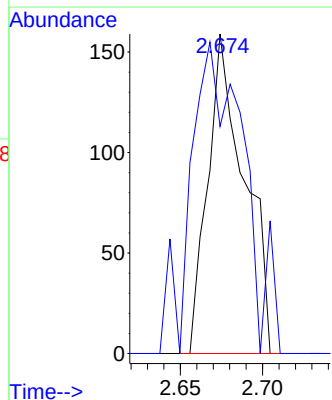
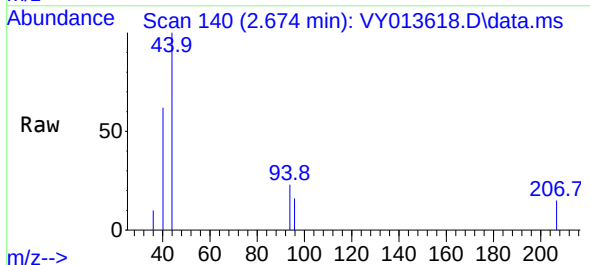
Instrument :
 MSVOA_Y
 ClientSampleId :
 TF-1RE

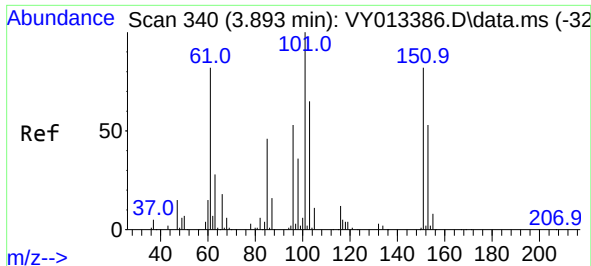
Tgt Ion: 62 Resp: 40
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.0#



#5
 Bromomethane
 Concen: 17.170 ug/l
 RT: 2.674 min Scan# 140
 Delta R.T. 0.018 min
 Lab File: VY013618.D
 Acq: 05 May 2023 12:24

Tgt Ion: 94 Resp: 246
 Ion Ratio Lower Upper
 94 100
 96 71.1 74.2 111.2#

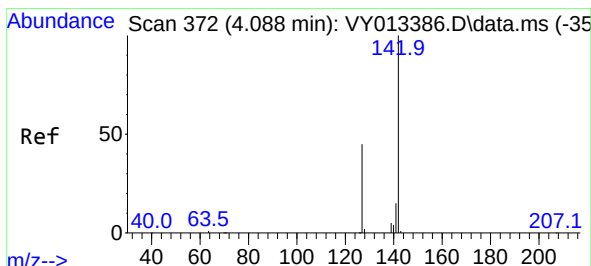
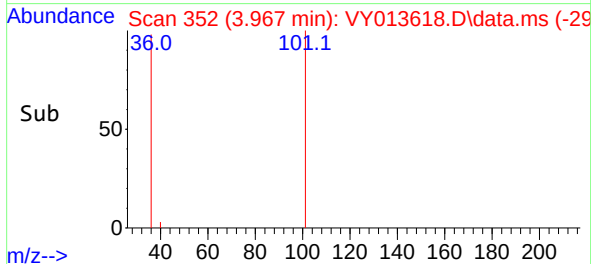
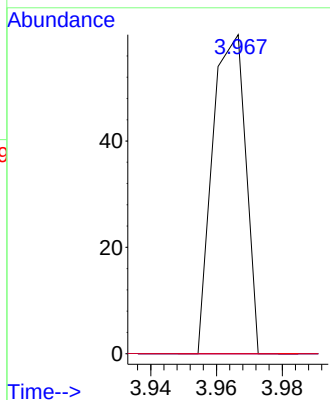
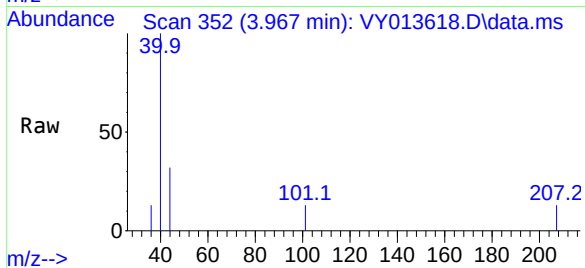




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.749 ug/l
RT: 3.967 min Scan# 31
Delta R.T. 0.074 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

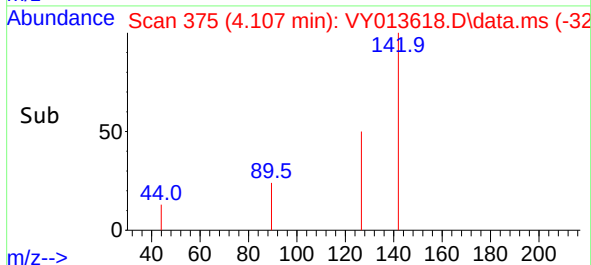
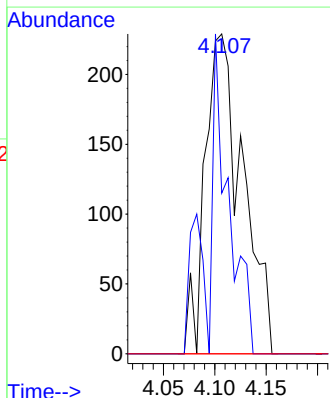
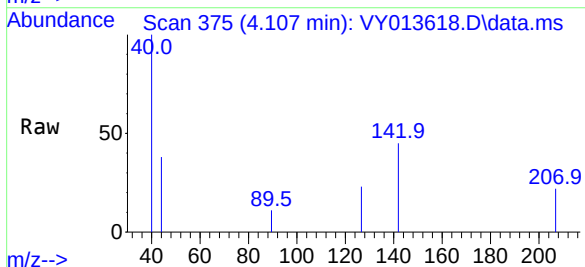
Instrument :
MSVOA_Y
ClientSampleId :
TF-1RE

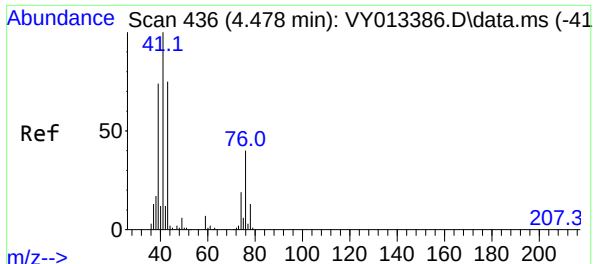
Tgt Ion:101 Resp: 42
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 68.0 102.0#



#10
Methyl Iodide
Concen: 30.330 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.019 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

Tgt Ion:142 Resp: 582
Ion Ratio Lower Upper
142 100
127 41.2 36.1 54.1
141 0.0 11.6 17.4#

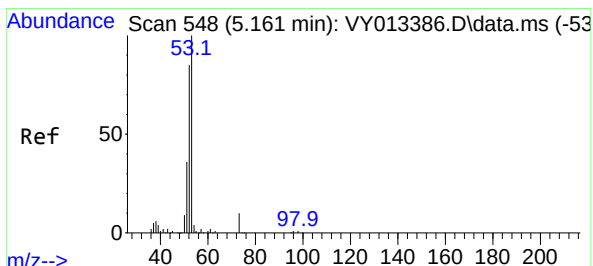
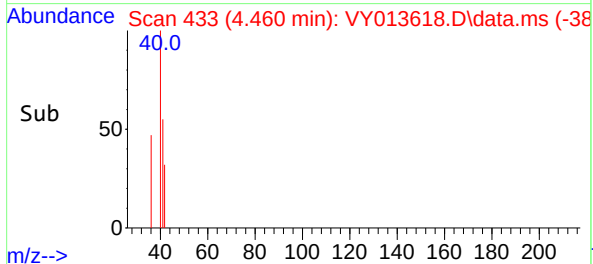
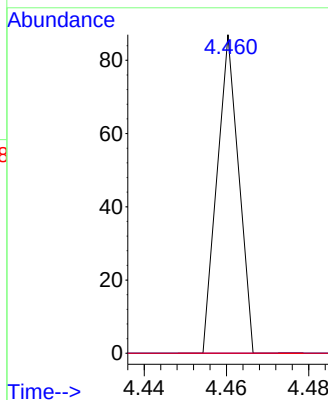
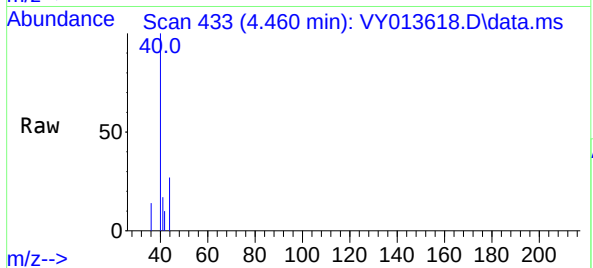




#14
 Allyl chloride
 Concen: 1.171 ug/l
 RT: 4.460 min Scan# 41
 Delta R.T. -0.018 min
 Lab File: VY013618.D
 Acq: 05 May 2023 12:24

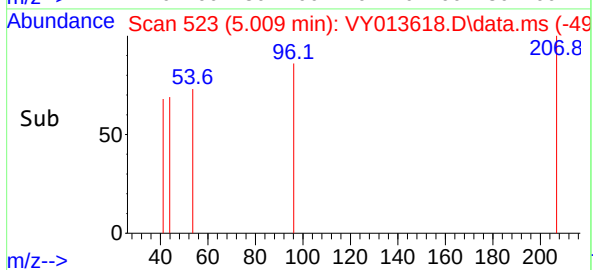
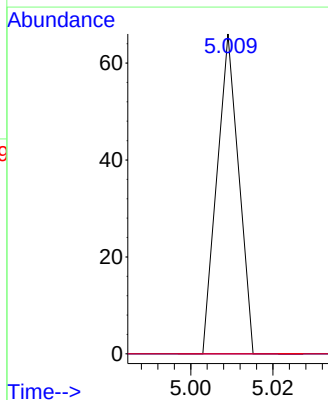
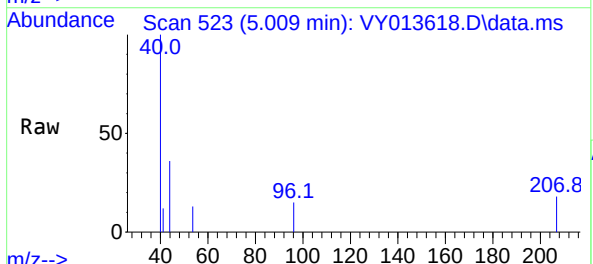
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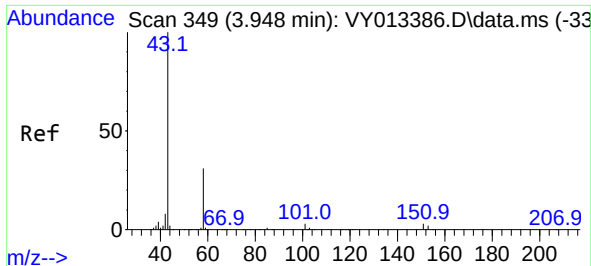
Tgt Ion: 41	Resp:	32
Ion	Ratio	Lower Upper
41	100	
39	0.0	56.6 85.0#
76	0.0	30.5 45.7#



#15
 Acrylonitrile
 Concen: 4.620 ug/l
 RT: 5.009 min Scan# 523
 Delta R.T. -0.152 min
 Lab File: VY013618.D
 Acq: 05 May 2023 12:24

Tgt Ion: 53	Resp:	24
Ion	Ratio	Lower Upper
53	100	
52	0.0	65.4 98.0#
51	0.0	29.3 43.9#

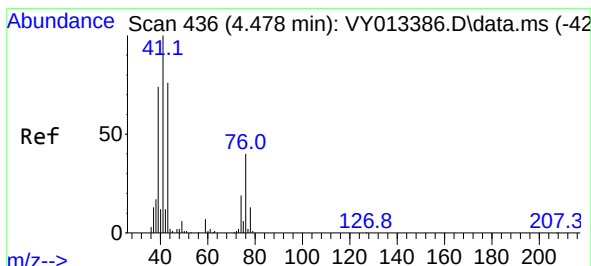
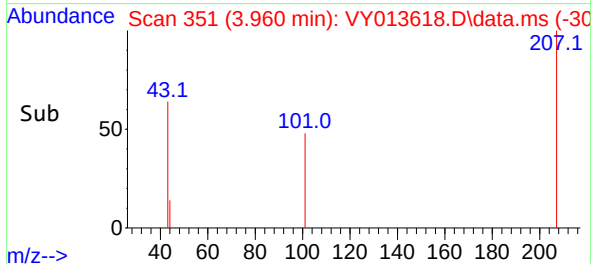
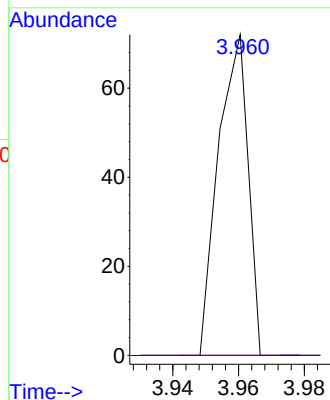
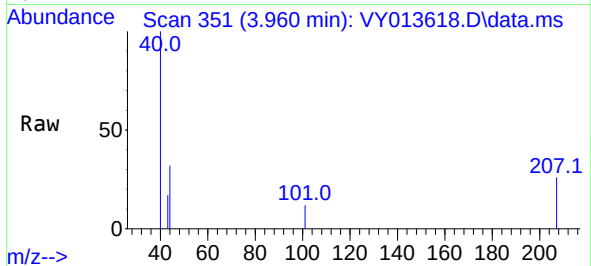




#16
Acetone
Concen: 7.356 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

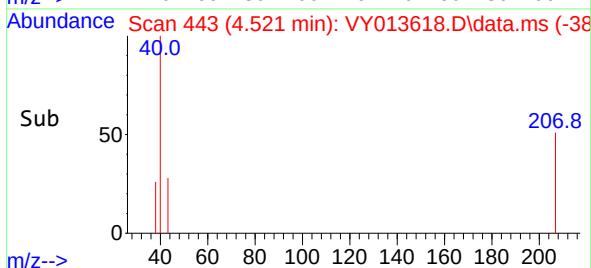
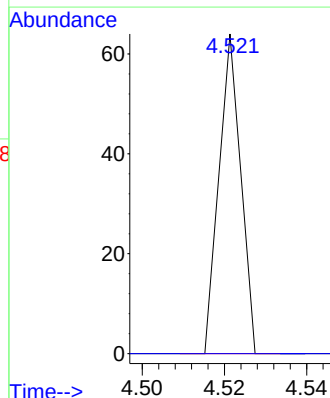
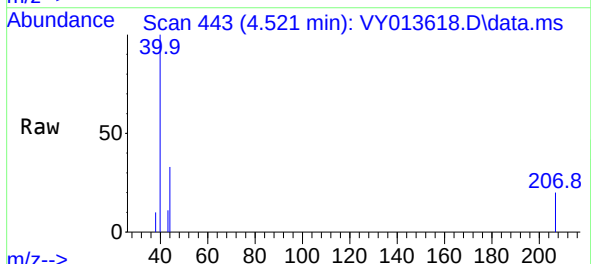
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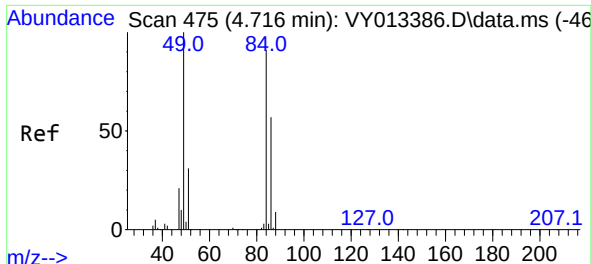
Tgt Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.0#



#18
Methyl Acetate
Concen: 1.138 ug/l
RT: 4.521 min Scan# 443
Delta R.T. 0.043 min
Lab File: VY013618.D
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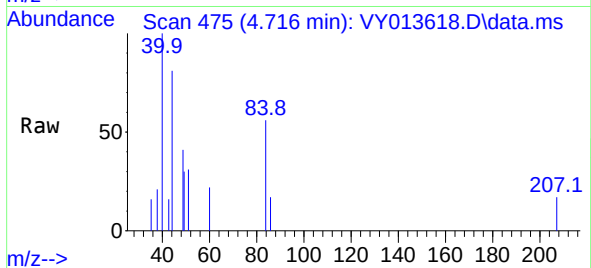
Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#





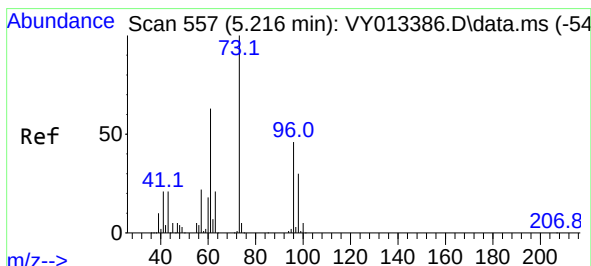
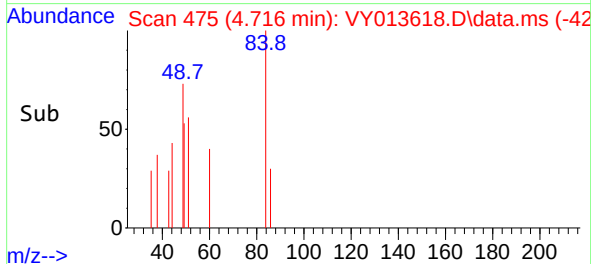
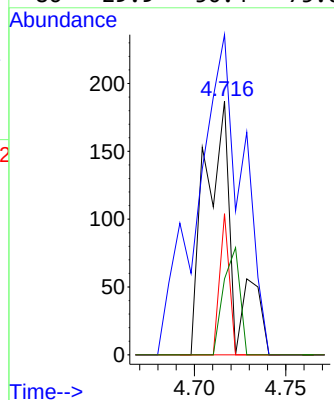
#20
Methylene Chloride
Concen: 2.987 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

Instrument :
MSVOA_Y
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Tgt Ion: 84 Resp: 203

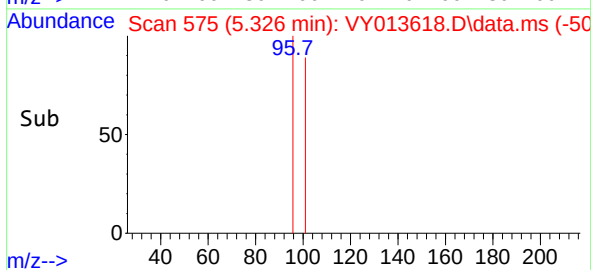
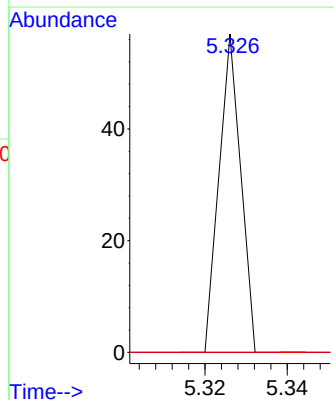
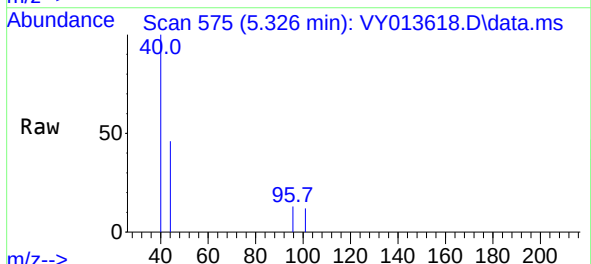
Ion	Ratio	Lower	Upper
84	100		
49	126.2	88.0	132.0
51	55.6	27.4	41.0#
86	29.9	50.4	75.6#

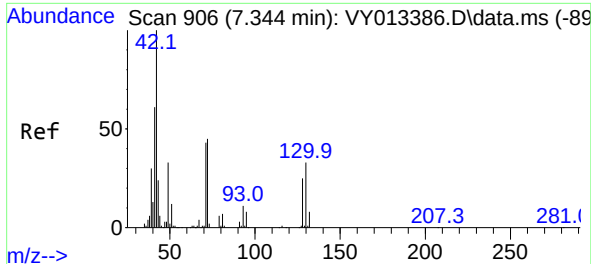


#21
trans-1,2-Dichloroethene
Concen: 1.304 ug/l
RT: 5.326 min Scan# 575
Delta R.T. 0.110 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

Tgt Ion: 96 Resp: 21

Ion	Ratio	Lower	Upper
96	100		
61	0.0	110.6	165.8#
98	0.0	53.1	79.7#

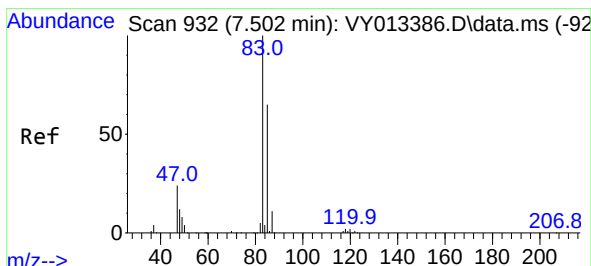
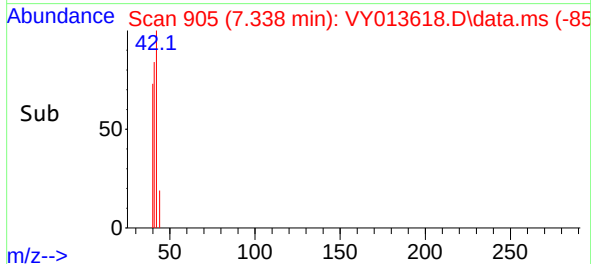
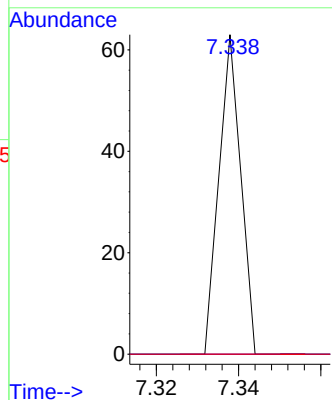
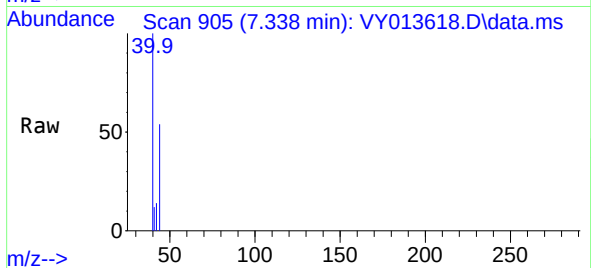




#29
Tetrahydrofuran
Concen: 4.763 ug/l
RT: 7.338 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

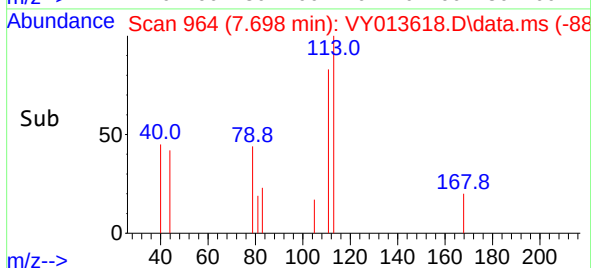
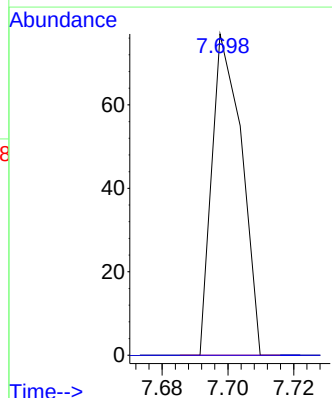
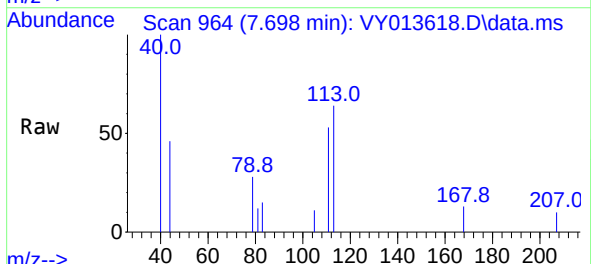
Instrument :
MSVOA_Y
ClientSampleId :
TF-1RE

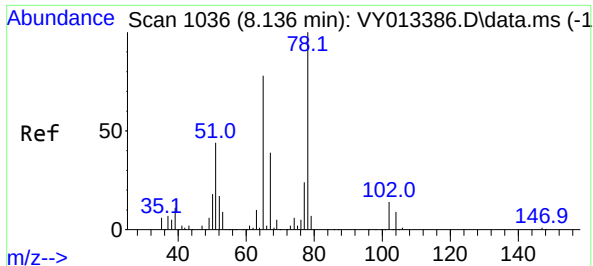
Tgt Ion: 42 Resp: 23
Ion Ratio Lower Upper
42 100
72 0.0 35.9 53.9#
71 0.0 34.3 51.5#



#30
Chloroform
Concen: 1.622 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.196 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

Tgt Ion: 83 Resp: 48
Ion Ratio Lower Upper
83 100
85 0.0 52.0 78.0#





#33

1,2-Dichloroethane-d4

Concen: 152.188 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.013 min

Lab File: VY013618.D

Acq: 05 May 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

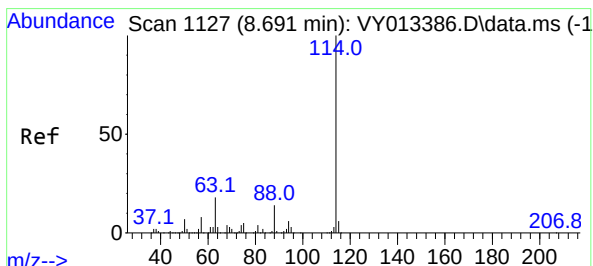
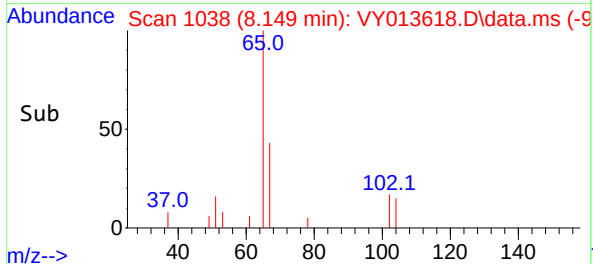
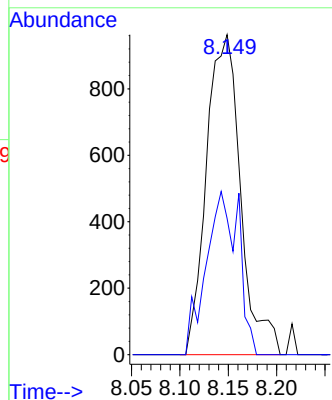
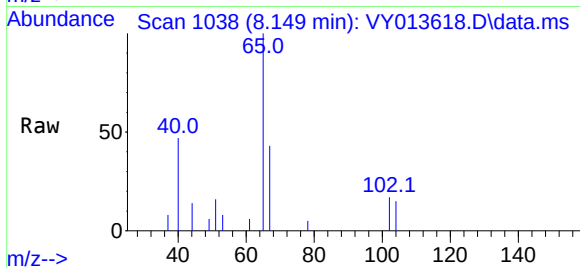
TF-1RE

Tgt Ion: 65 Resp: 2364

Ion Ratio Lower Upper

65 100

67 48.4 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY013618.D

Acq: 05 May 2023 12:24

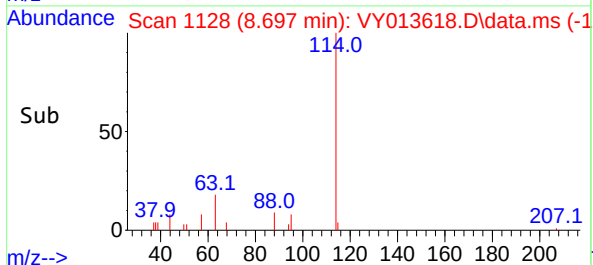
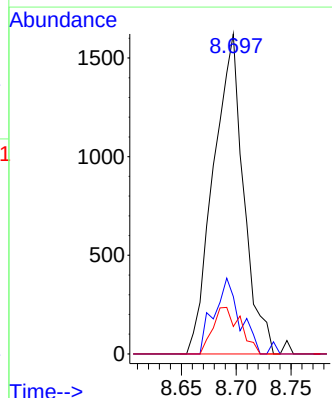
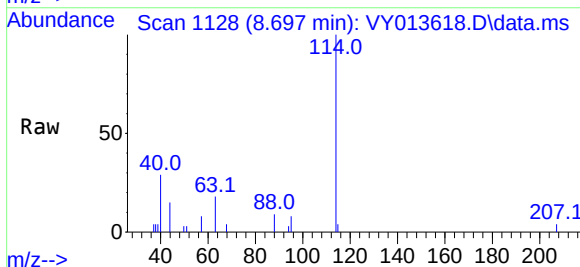
Tgt Ion:114 Resp: 3101

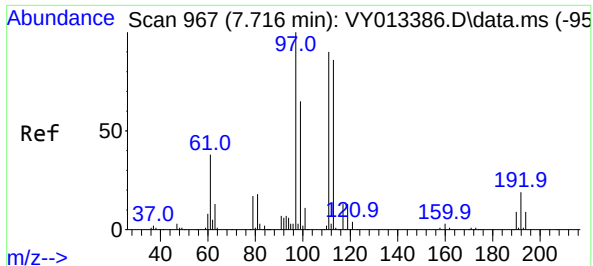
Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.6

88 8.6 0.0 28.8

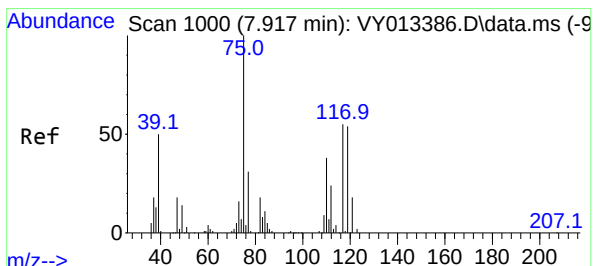
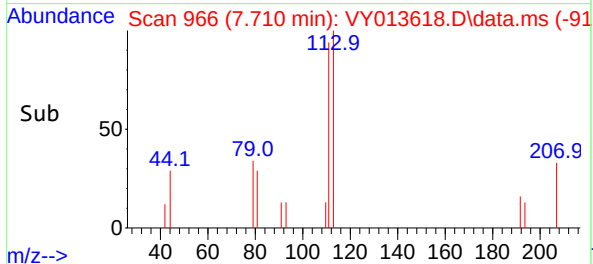
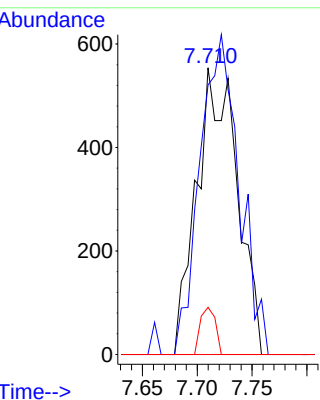
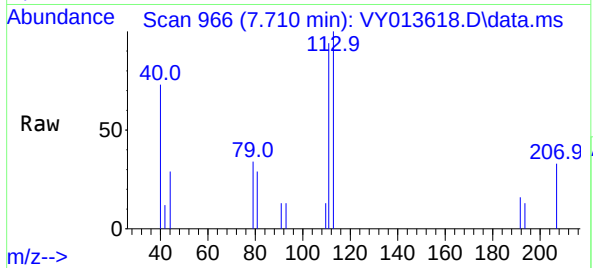




#35
Dibromofluoromethane
Concen: 73.319 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

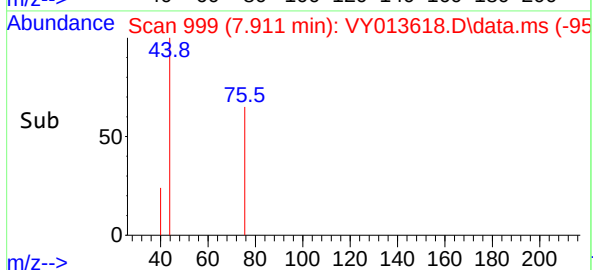
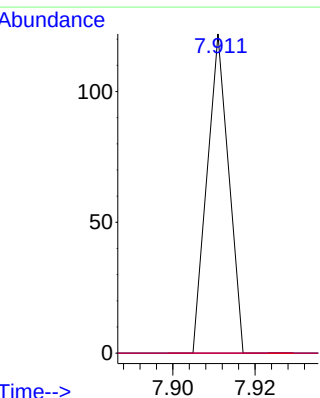
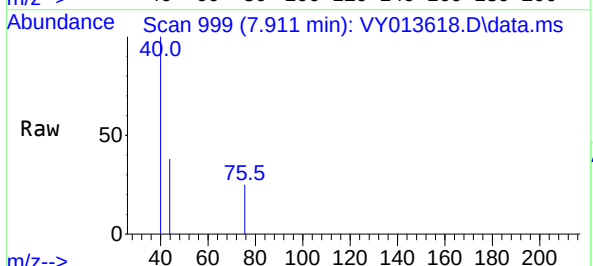
Instrument :
MSVOA_Y
ClientSampleId :
TF-1RE

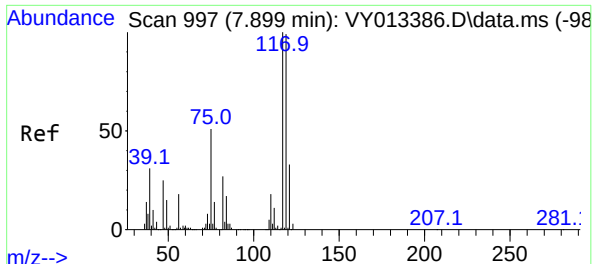
Tgt Ion:113 Resp: 1430
Ion Ratio Lower Upper
113 100
111 107.2 82.2 123.2
192 6.1 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 1.390 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

Tgt Ion: 75 Resp: 45
Ion Ratio Lower Upper
75 100
110 0.0 18.7 56.1#
77 0.0 24.6 37.0#

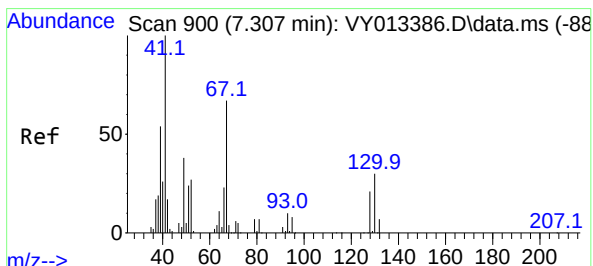
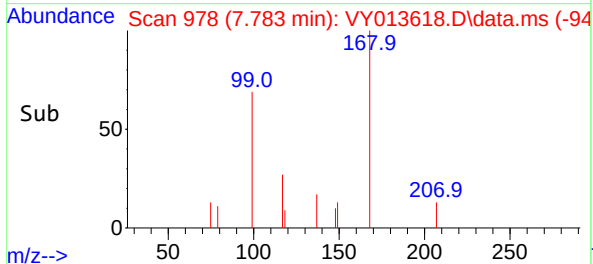
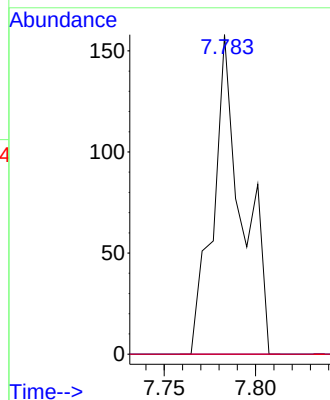
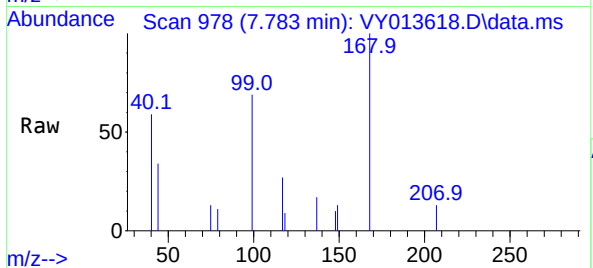




#38
Carbon Tetrachloride
Concen: 5.158 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

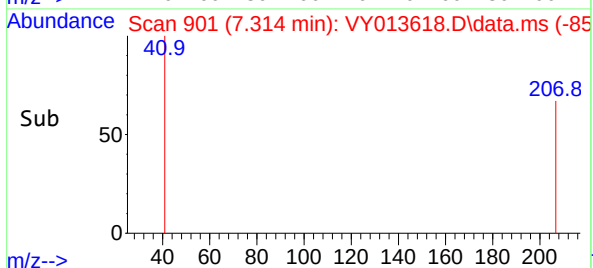
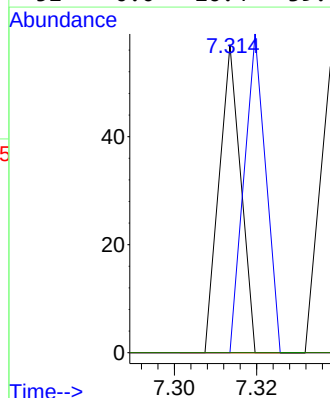
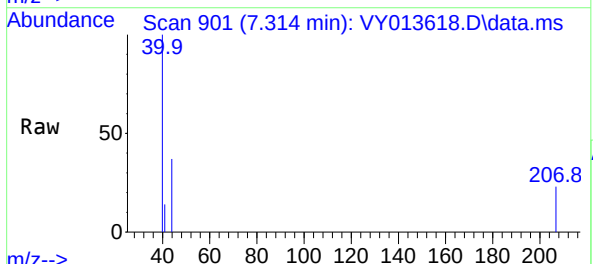
Instrument :
MSVOA_Y
ClientSampleId :
TF-1RE

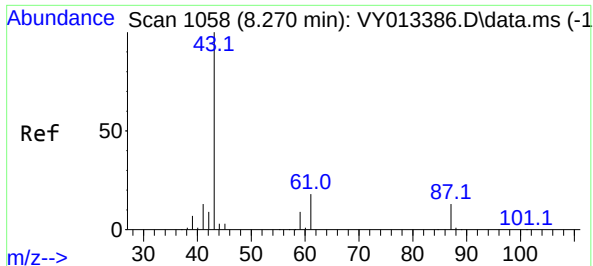
Tgt Ion:117 Resp: 175
Ion Ratio Lower Upper
117 100
119 0.0 79.0 118.6#
121 0.0 26.6 40.0#



#41
Methacrylonitrile
Concen: 1.850 ug/l
RT: 7.314 min Scan# 901
Delta R.T. 0.007 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

Tgt Ion: 41 Resp: 21
Ion Ratio Lower Upper
41 100
39 104.8 44.2 66.4#
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#





#43

Isopropyl Acetate

Concen: 1.070 ug/l

RT: 8.246 min Scan# 1054

Delta R.T. -0.024 min

Lab File: VY013618.D

Acq: 05 May 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

TF-1RE

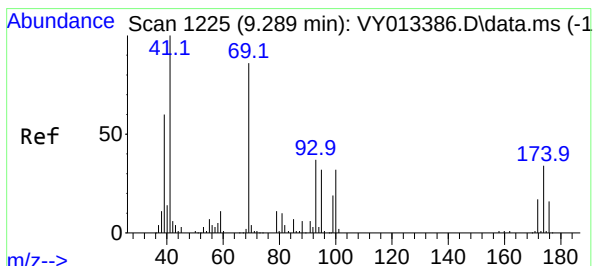
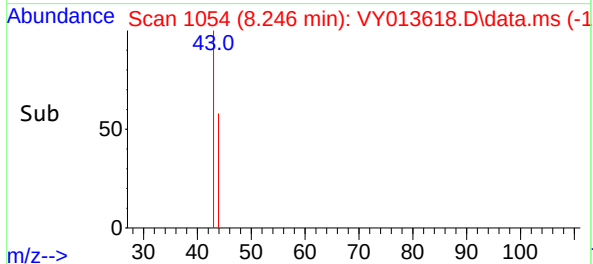
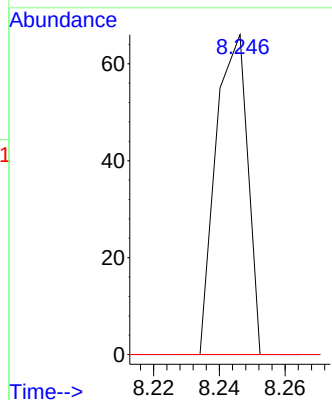
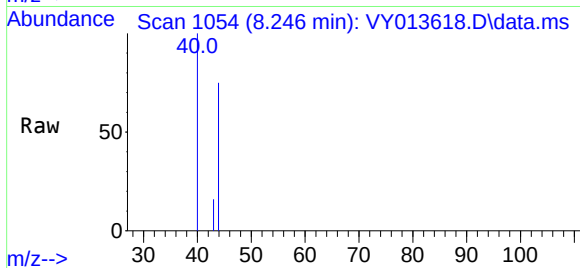
Tgt Ion: 43 Resp: 44

Ion Ratio Lower Upper

43 100

61 0.0 22.2 33.4#

87 0.0 11.0 16.6#



#48

Methyl methacrylate

Concen: 3.019 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.012 min

Lab File: VY013618.D

Acq: 05 May 2023 12:24

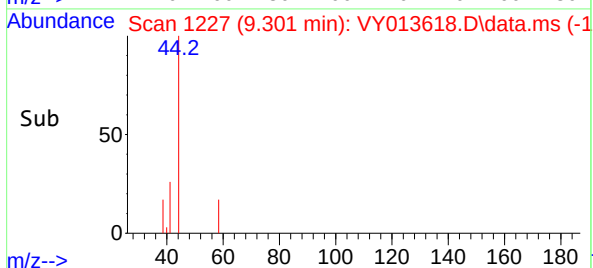
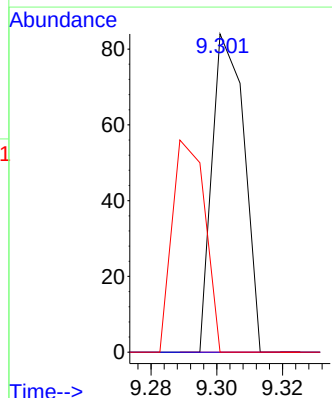
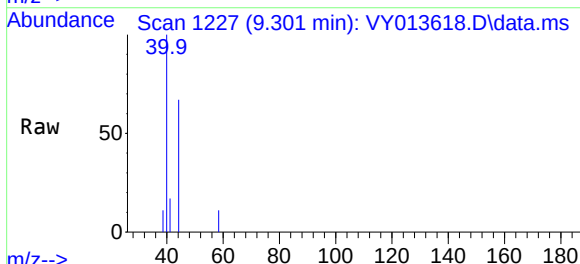
Tgt Ion: 41 Resp: 57

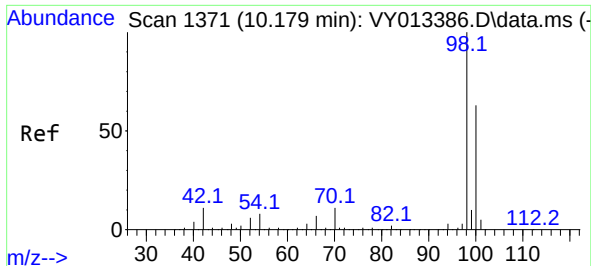
Ion Ratio Lower Upper

41 100

69 0.0 70.2 105.4#

39 68.4 47.9 71.9

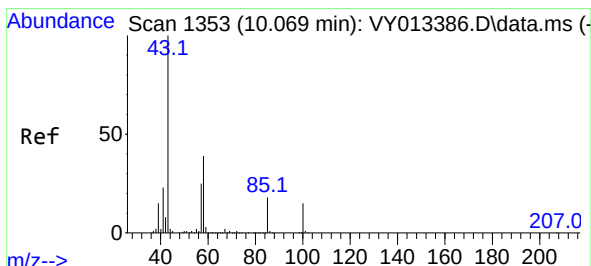
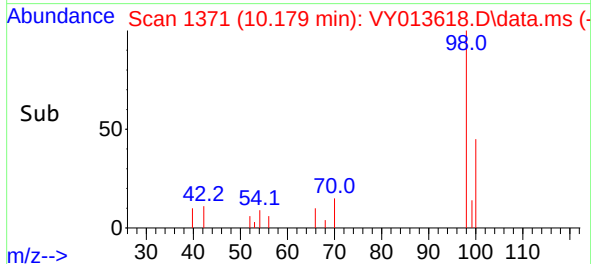
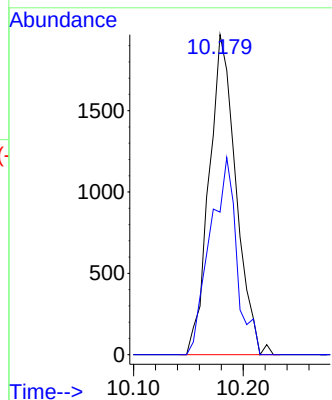
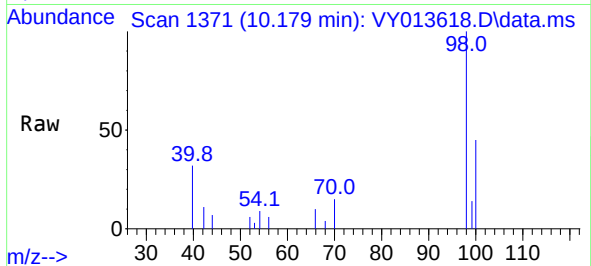




#50
Toluene-d8
Concen: 48.283 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

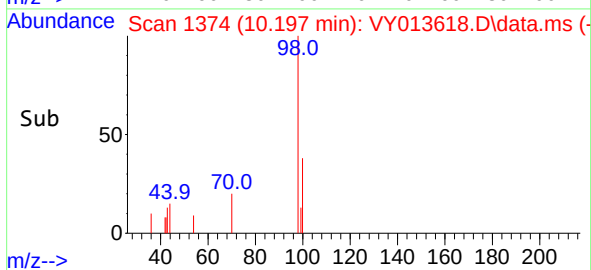
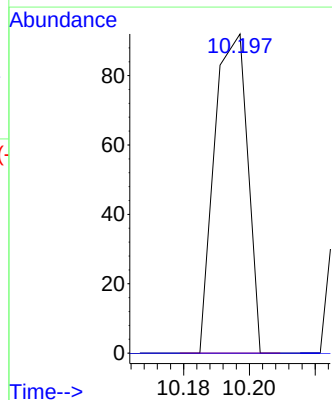
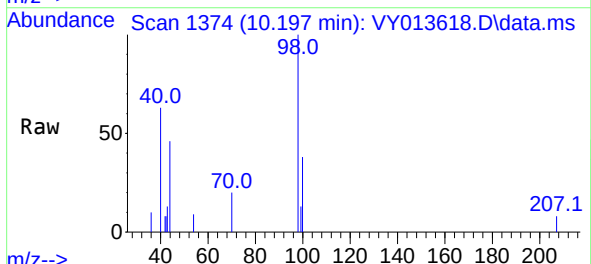
Instrument :
MSVOA_Y
ClientSampleId :
TF-1RE

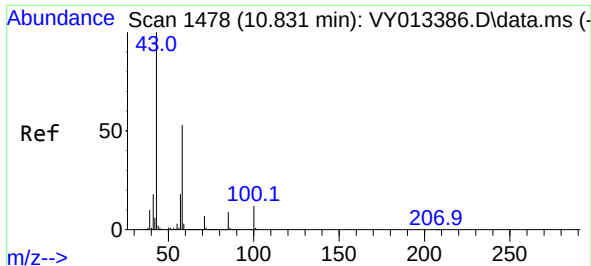
Tgt Ion: 98 Resp: 3350
Ion Ratio Lower Upper
98 100
100 61.6 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 2.793 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.128 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
58 0.0 30.6 46.0#





#59

2-Hexanone

Concen: 3.302 ug/l

RT: 10.630 min Scan# 1445

Delta R.T. -0.201 min

Lab File: VY013618.D

Acq: 05 May 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

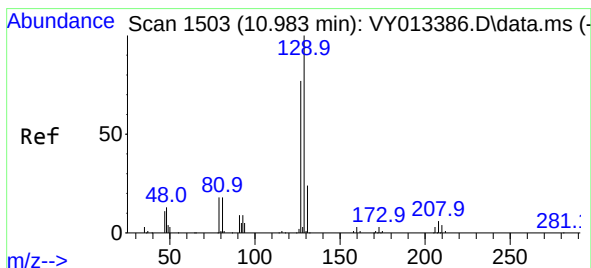
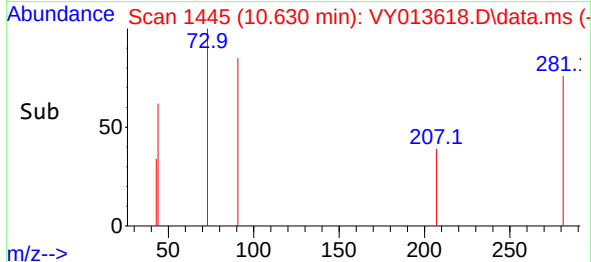
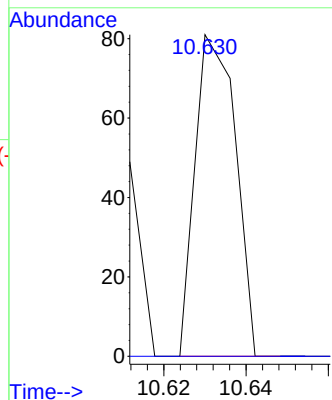
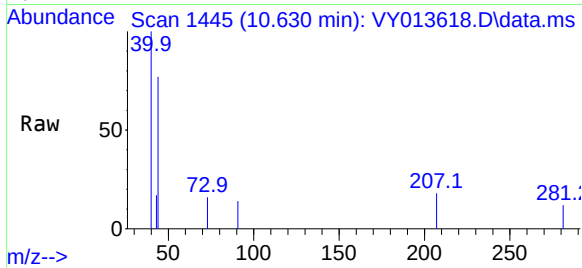
TF-1RE

Tgt Ion: 43 Resp: 55

Ion Ratio Lower Upper

43 100

58 0.0 26.3 78.8#



#60

Dibromochloromethane

Concen: 1.046 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. -0.255 min

Lab File: VY013618.D

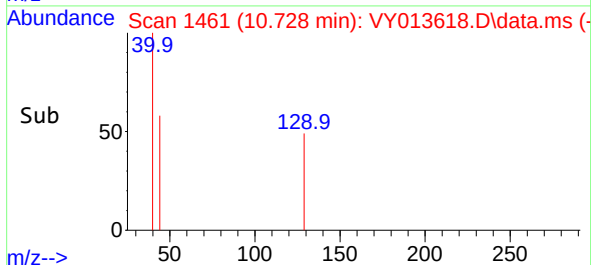
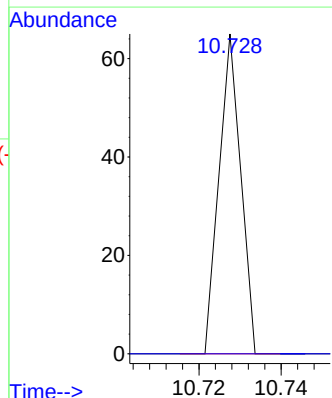
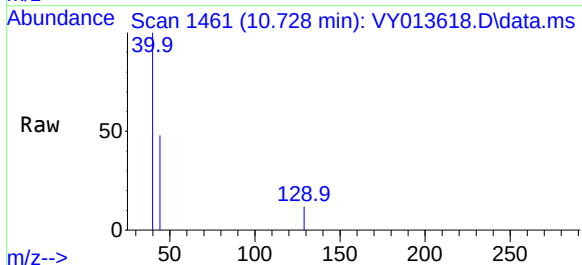
Acq: 05 May 2023 12:24

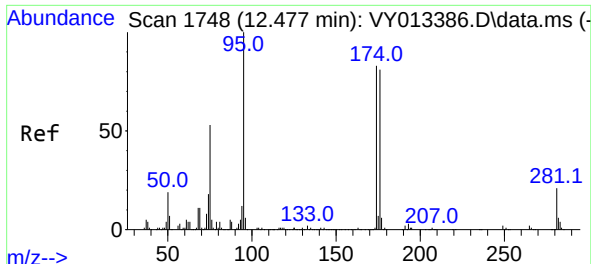
Tgt Ion: 129 Resp: 24

Ion Ratio Lower Upper

129 100

127 0.0 38.7 116.1#

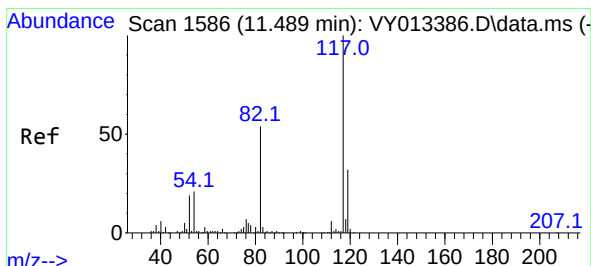
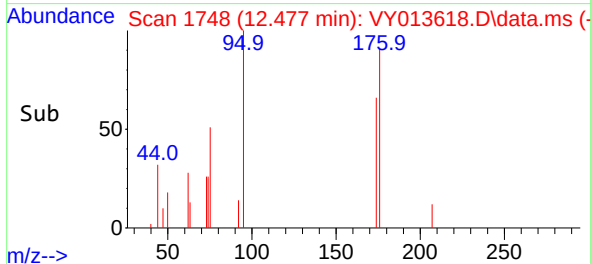
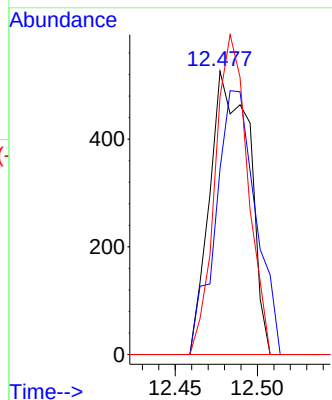
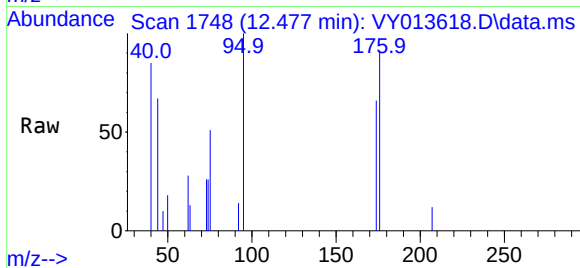




#62
4-Bromofluorobenzene
Concen: 37.536 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

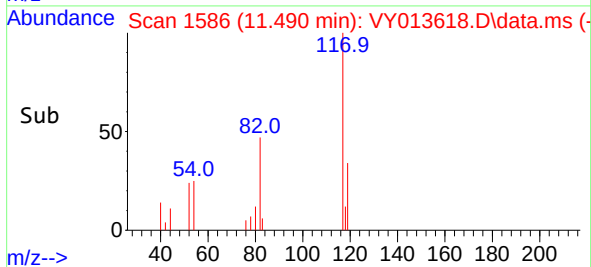
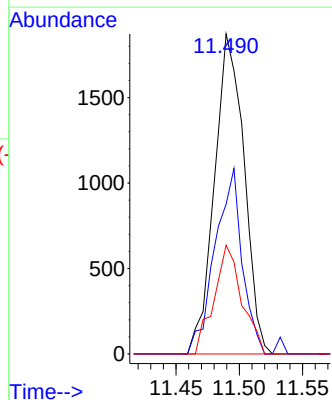
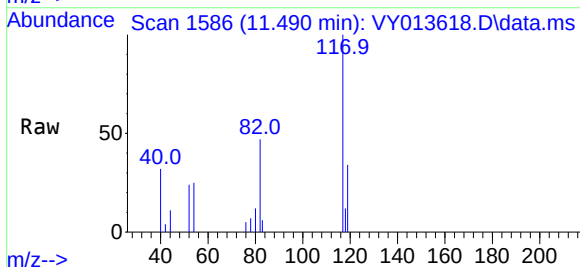
Instrument :
MSVOA_Y
ClientSampleId :
TF-1RE

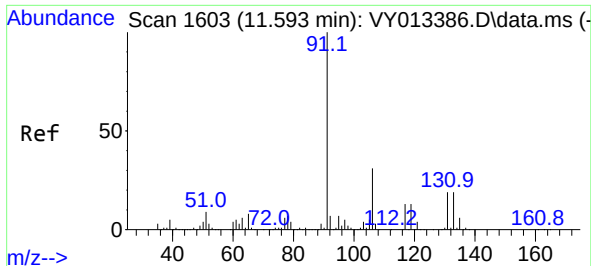
Tgt Ion: 95	Resp: 878
Ion Ratio	Lower Upper
95 100	
174 94.4	0.0 182.0
176 93.5	0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

Tgt Ion:117	Resp:	3045	
Ion	Ratio	Lower	Upper
117	100		
82	46.8	43.0	64.6
119	34.0	25.5	38.3





#67

Ethyl Benzene

Concen: 2.224 ug/l

RT: 11.715 min Scan# 1

Delta R.T. 0.122 min

Lab File: VY013618.D

Acq: 05 May 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

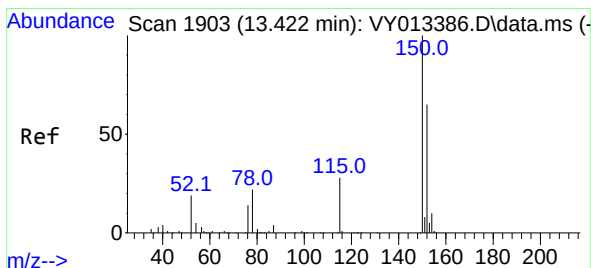
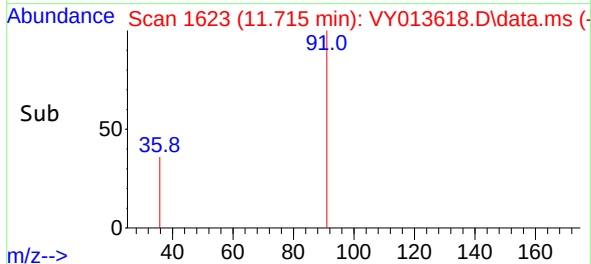
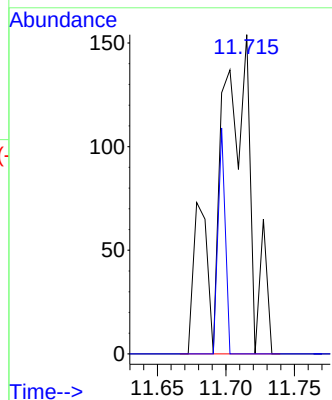
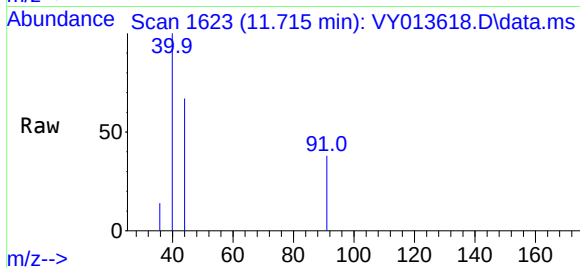
TF-1RE

Tgt Ion: 91 Resp: 259

Ion Ratio Lower Upper

91 100

106 0.0 25.1 37.7#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013618.D

Acq: 05 May 2023 12:24

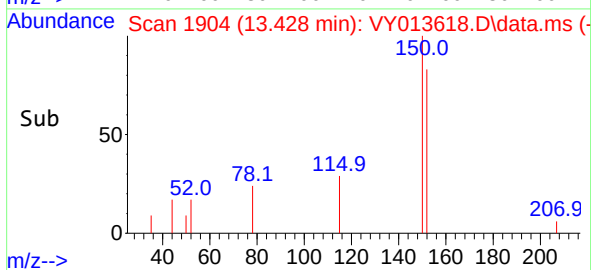
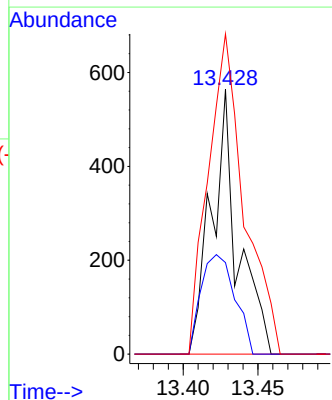
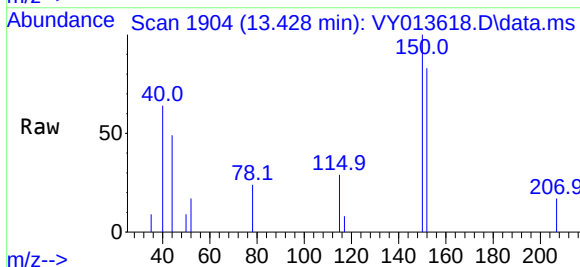
Tgt Ion:152 Resp: 688

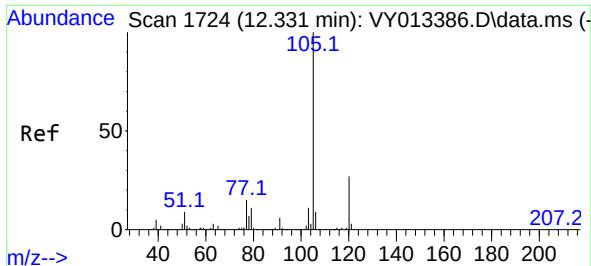
Ion Ratio Lower Upper

152 100

115 48.8 28.1 84.2

150 166.3 0.0 352.0

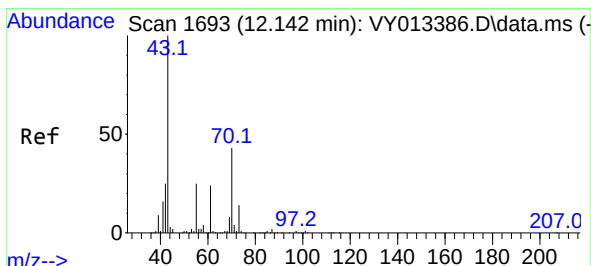
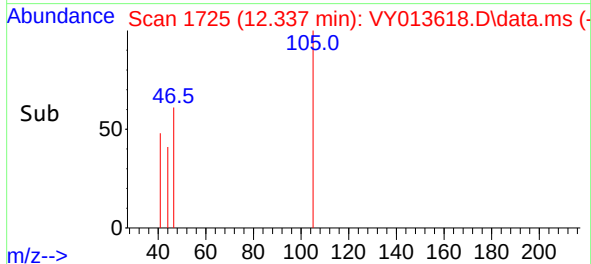
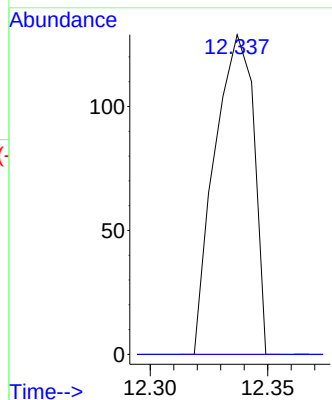
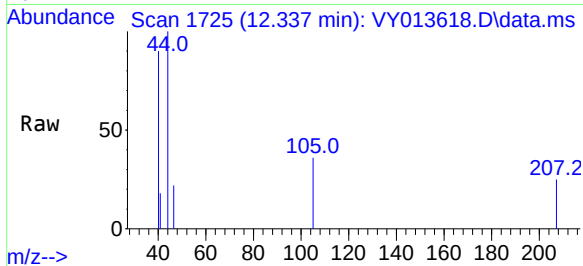




#73
Isopropylbenzene
Concen: 2.863 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

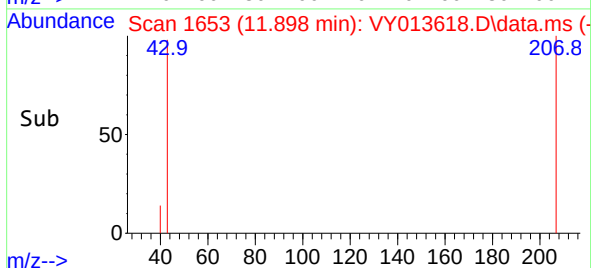
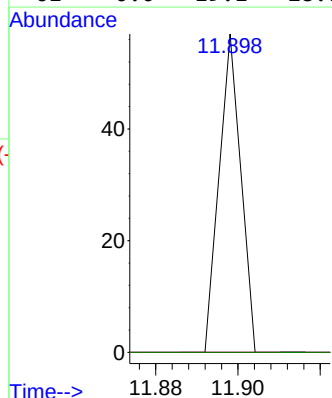
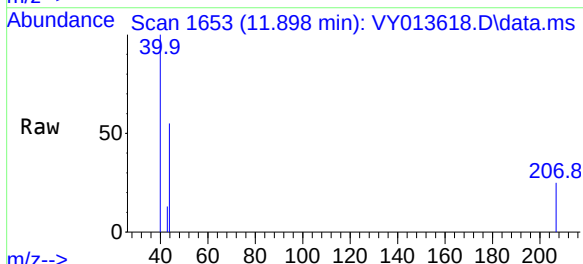
Instrument :
MSVOA_Y
ClientSampleId :
TF-1RE

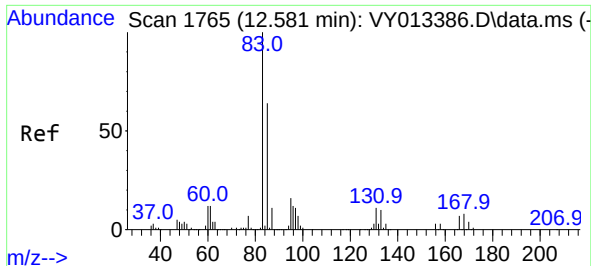
Tgt Ion:105 Resp: 149
Ion Ratio Lower Upper
105 100
120 0.0 13.7 41.0#



#74
N-ethyl acetate
Concen: 1.134 ug/l
RT: 11.898 min Scan# 1653
Delta R.T. -0.244 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

Tgt Ion: 43 Resp: 21
Ion Ratio Lower Upper
43 100
70 0.0 33.0 49.4#
55 0.0 19.8 29.6#
61 0.0 19.1 28.7#

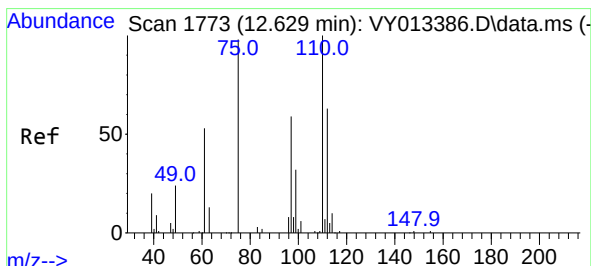
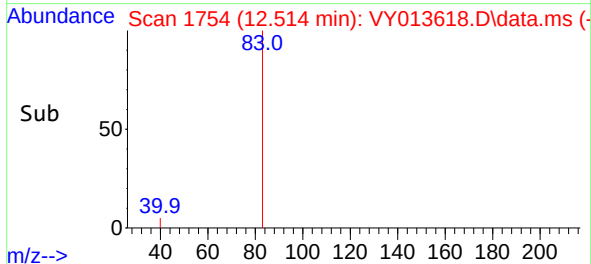
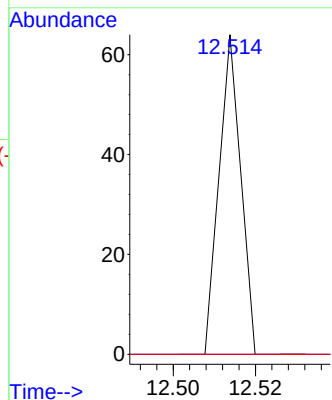
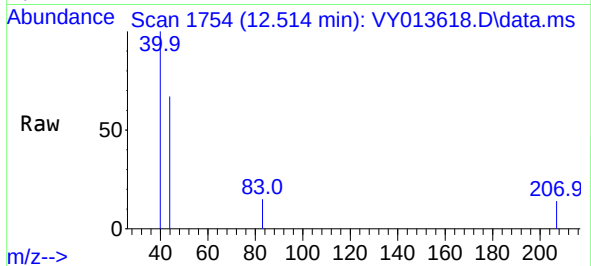




#75
1,1,2,2-Tetrachloroethane
Concen: 1.808 ug/l
RT: 12.514 min Scan# 1754
Delta R.T. -0.067 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

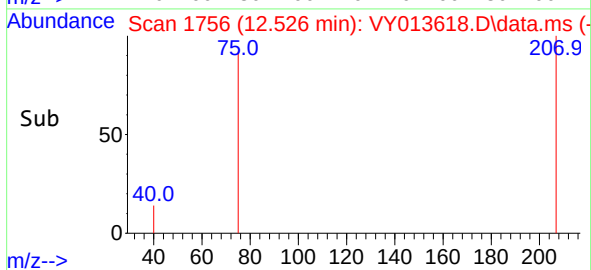
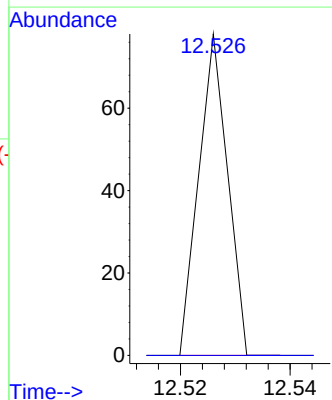
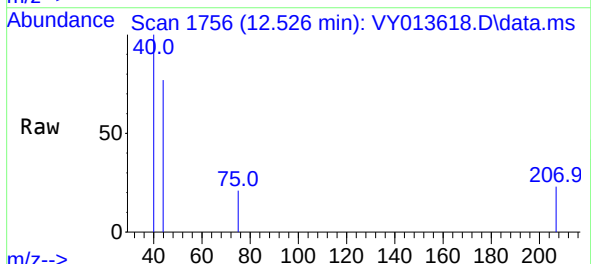
Instrument :
MSVOA_Y
ClientSampleId :
TF-1RE

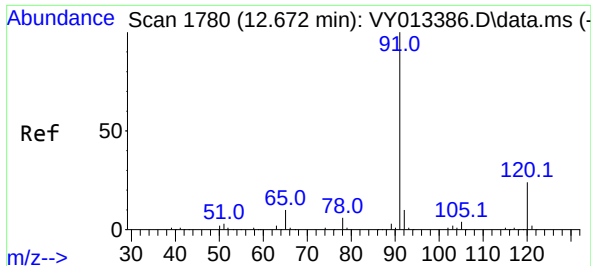
Tgt Ion: 83 Resp: 23
Ion Ratio Lower Upper
83 100
131 0.0 5.7 17.0#
85 0.0 31.8 95.4#



#76
1,2,3-Trichloropropane
Concen: 3.126 ug/l
RT: 12.526 min Scan# 1756
Delta R.T. -0.103 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

Tgt Ion: 75 Resp: 29
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

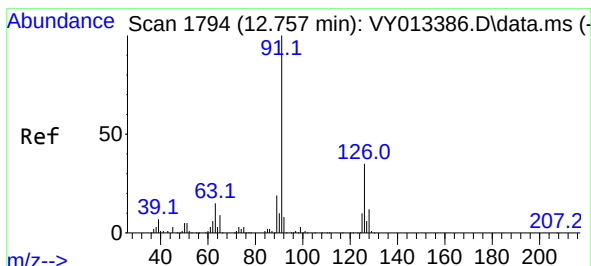
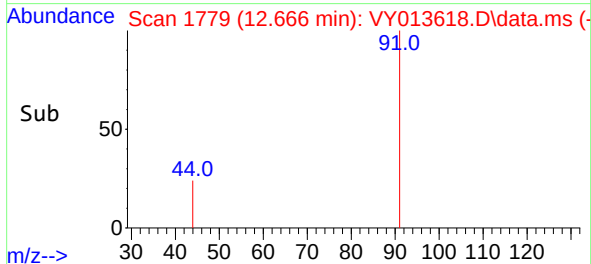
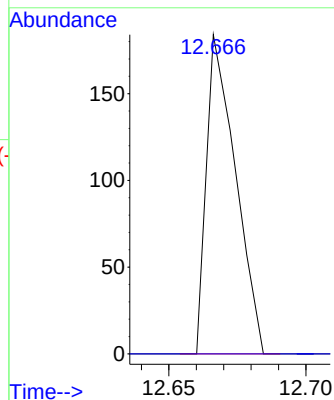
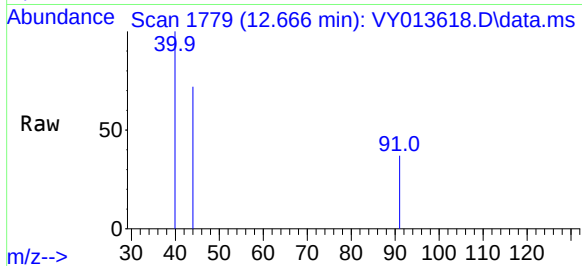




#78
n-propylbenzene
Concen: 2.106 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

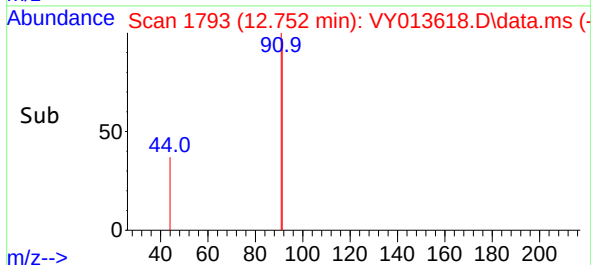
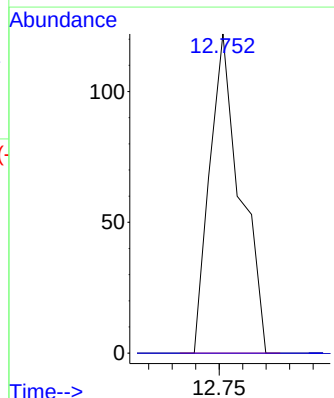
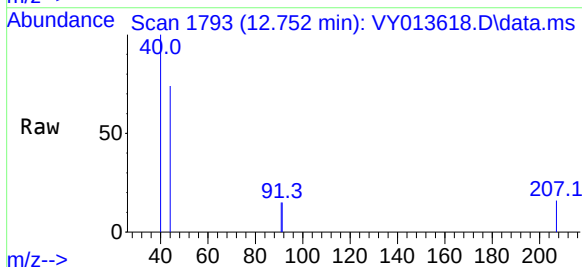
Instrument :
MSVOA_Y
ClientSampleId :
TF-1RE

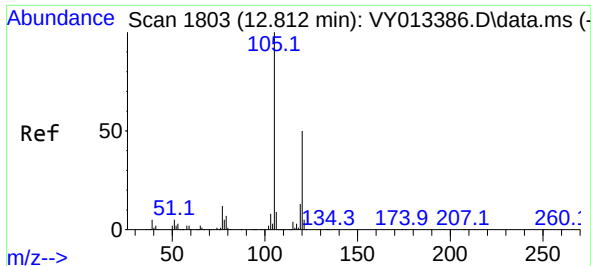
Tgt Ion: 91 Resp: 135
Ion Ratio Lower Upper
91 100
120 0.0 11.9 35.9#



#79
2-Chlorotoluene
Concen: 3.073 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.005 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

Tgt Ion: 91 Resp: 110
Ion Ratio Lower Upper
91 100
126 0.0 17.8 53.4#

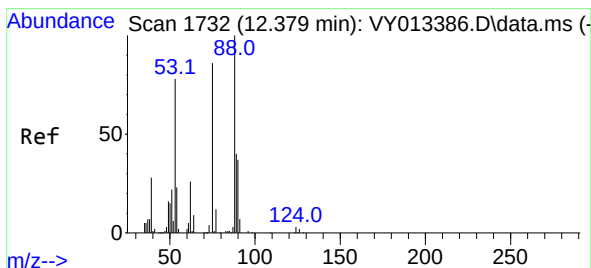
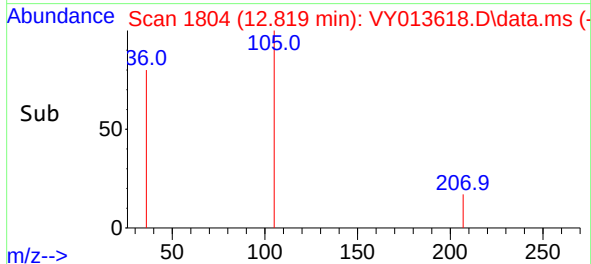
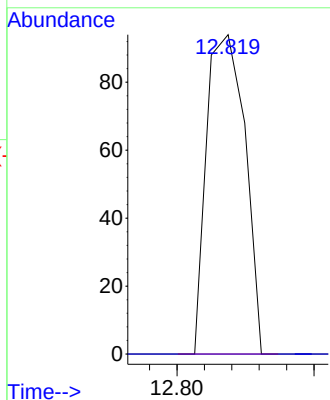
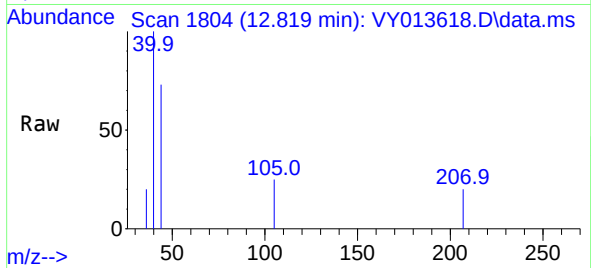




#80
 1,3,5-Trimethylbenzene
 Concen: 2.143 ug/l
 RT: 12.819 min Scan# 1749
 Delta R.T. 0.007 min
 Lab File: VY013618.D
 Acq: 05 May 2023 12:24

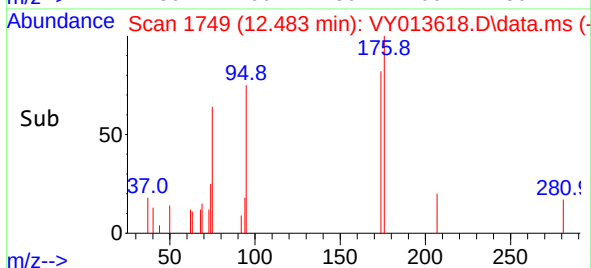
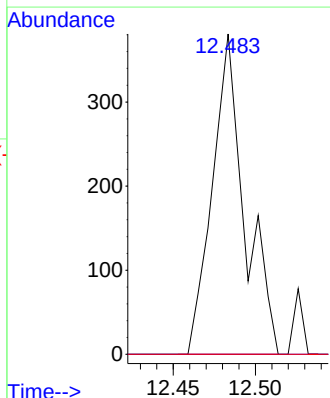
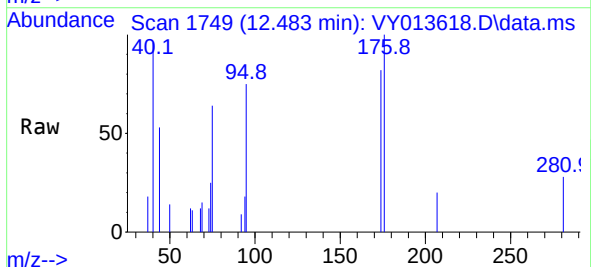
Instrument :
 MSVOA_Y
 ClientSampleId :
 TF-1RE

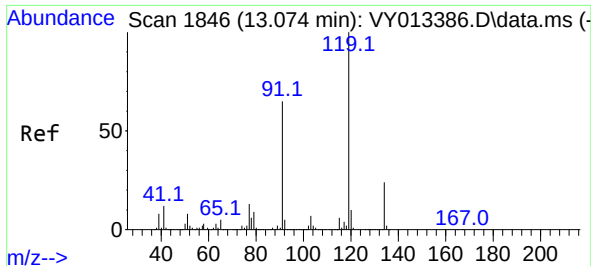
Tgt Ion:105 Resp: 91
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.7 74.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.081 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY013618.D
 Acq: 05 May 2023 12:24

Tgt Ion: 75 Resp: 522
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.2 109.8#
 89 0.0 38.0 57.0#

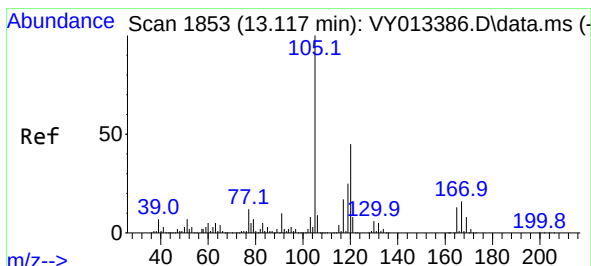
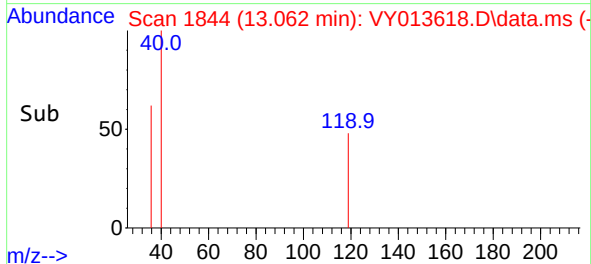
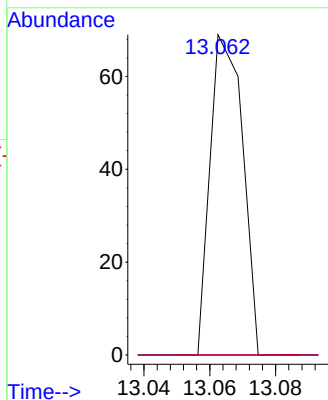
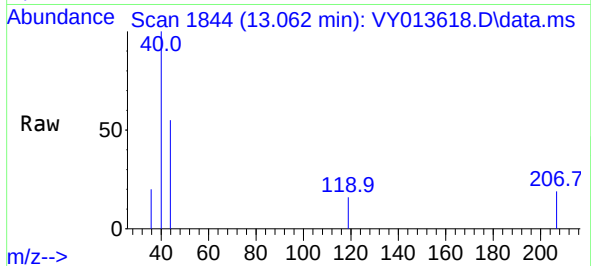




#83
tert-Butylbenzene
Concen: 1.277 ug/l
RT: 13.062 min Scan# 1844
Delta R.T. -0.012 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

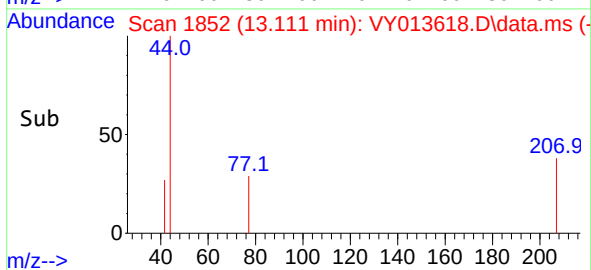
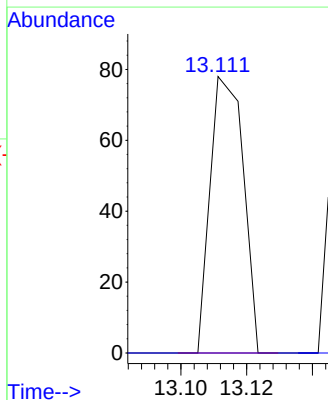
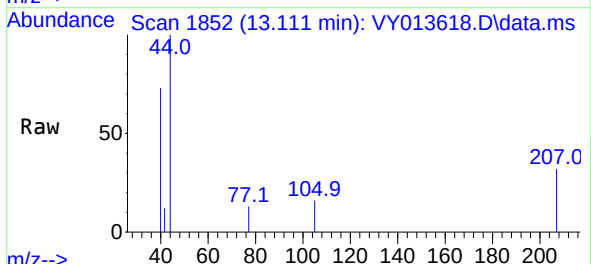
Instrument :
MSVOA_Y
ClientSampleId :
TF-1RE

Tgt Ion:	119	Resp:	47
Ion	Ratio	Lower	Upper
119	100		
91	0.0	32.2	96.6#
134	0.0	13.0	38.9#

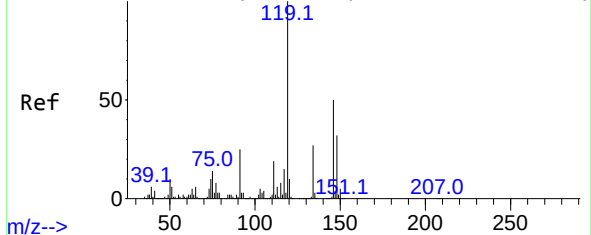


#84
1,2,4-Trimethylbenzene
Concen: 1.332 ug/l
RT: 13.111 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

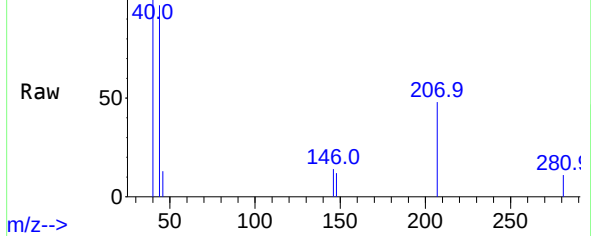
Tgt Ion:	105	Resp:	55
Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.3	66.9#



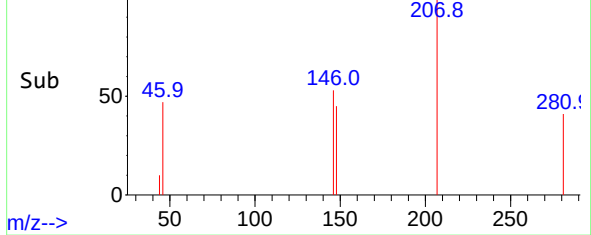
Abundance Scan 1894 (13.367 min): VY013386.D\data.ms (-



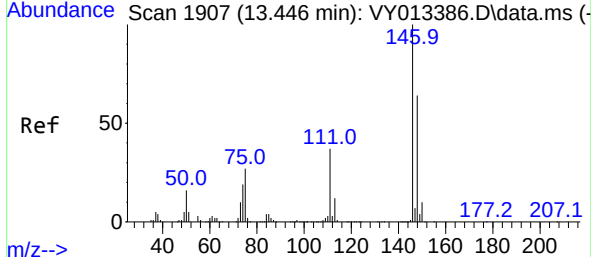
m/z--> Abundance Scan 1896 (13.380 min): VY013618.D\data.ms (-



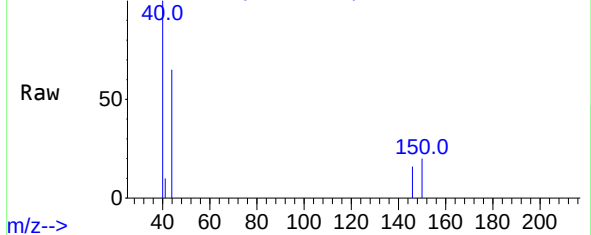
m/z--> Abundance Scan 1896 (13.380 min): VY013618.D\data.ms (-



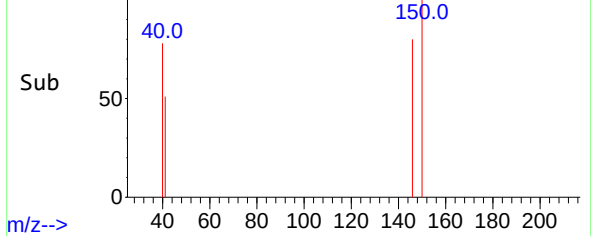
m/z--> Abundance Scan 1907 (13.446 min): VY013386.D\data.ms (-



m/z--> Abundance Scan 1909 (13.459 min): VY013618.D\data.ms (-



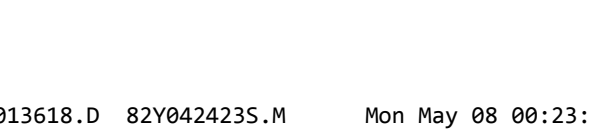
m/z--> Abundance Scan 1909 (13.459 min): VY013618.D\data.ms (-



m/z--> Abundance Scan 1909 (13.459 min): VY013618.D\data.ms (-



m/z--> Abundance Scan 1909 (13.459 min): VY013618.D\data.ms (-



#87

1,3-Dichlorobenzene

Concen: 1.915 ug/l

RT: 13.380 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY013618.D

Acq: 05 May 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

TF-1RE

Tgt Ion:146 Resp: 46

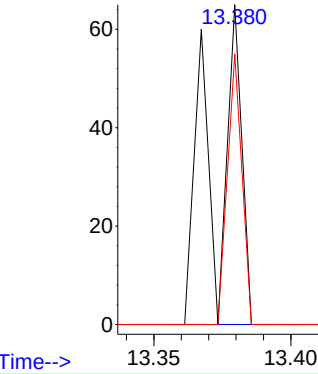
Ion Ratio Lower Upper

146 100

111 0.0 19.3 57.9#

148 43.5 31.9 95.7

Abundance



#88

1,4-Dichlorobenzene

Concen: 2.225 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.013 min

Lab File: VY013618.D

Acq: 05 May 2023 12:24

Tgt Ion:146 Resp: 54

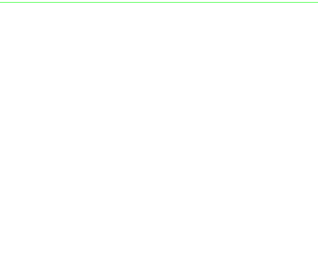
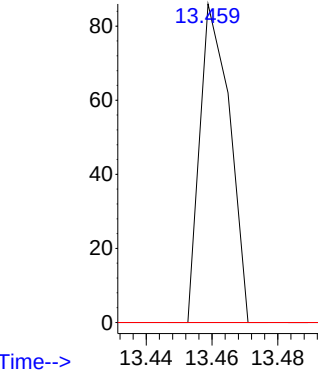
Ion Ratio Lower Upper

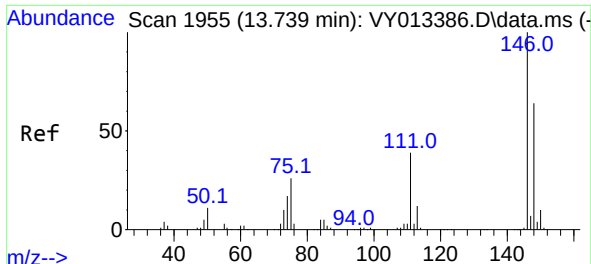
146 100

111 0.0 18.9 56.5#

148 0.0 31.9 95.5#

Abundance





#91

1,2-Dichlorobenzene

Concen: 2.489 ug/l

RT: 13.459 min Scan# 1955

Delta R.T. -0.280 min

Lab File: VY013618.D

Acq: 05 May 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

TF-1RE

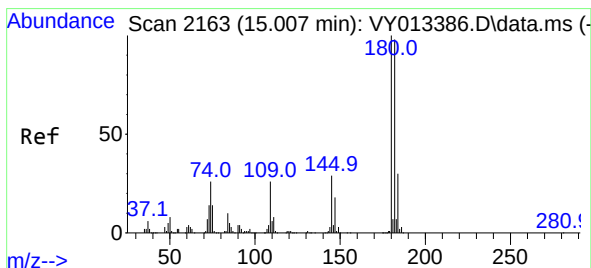
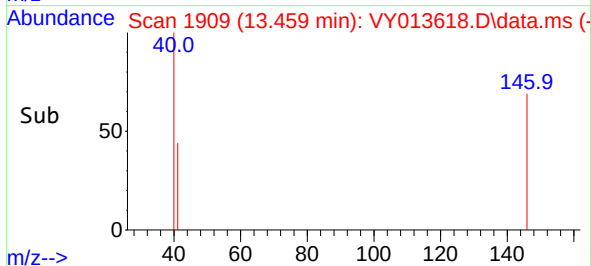
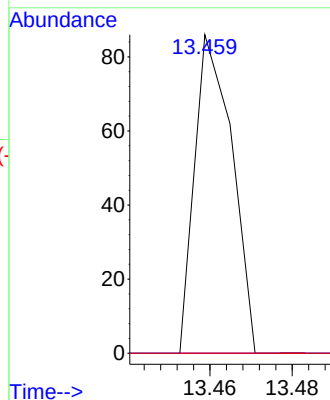
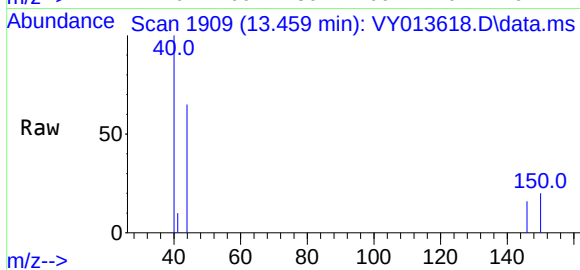
Tgt Ion:146 Resp: 54

Ion Ratio Lower Upper

146 100

111 0.0 19.8 59.4#

148 0.0 31.8 95.4#



#93

1,2,4-Trichlorobenzene

Concen: 6.031 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013618.D

Acq: 05 May 2023 12:24

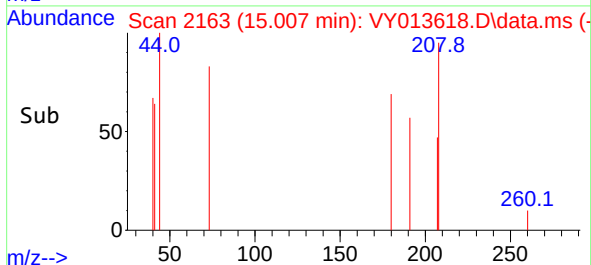
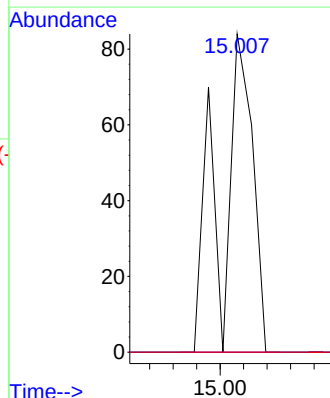
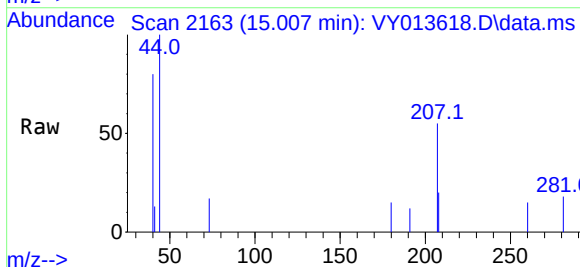
Tgt Ion:180 Resp: 78

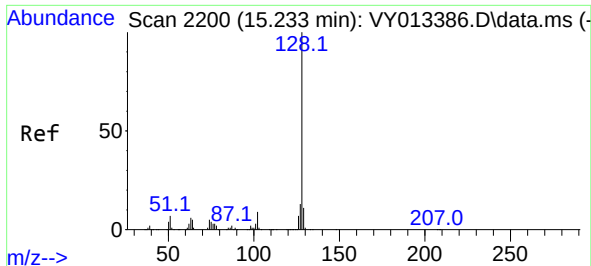
Ion Ratio Lower Upper

180 100

182 0.0 48.5 145.5#

145 0.0 15.0 45.0#

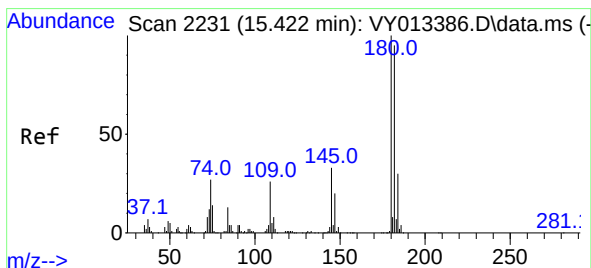
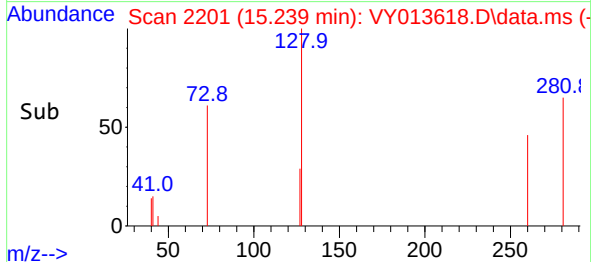
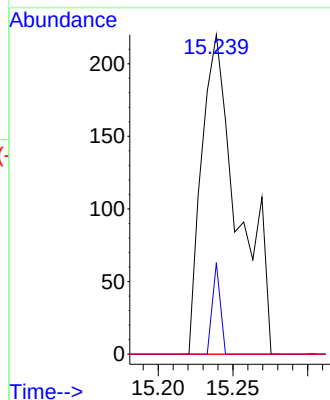
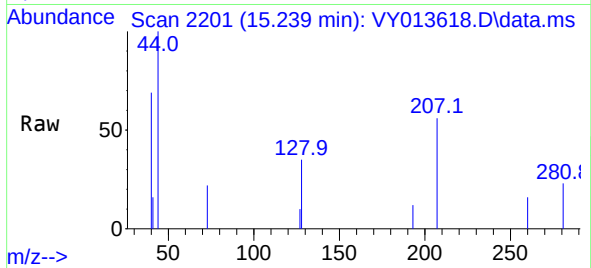




#95
Naphthalene
Concen: 13.292 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

Instrument :
MSVOA_Y
ClientSampleId :
TF-1RE

Tgt Ion:128 Resp: 373
Ion Ratio Lower Upper
128 100
127 6.2 10.7 16.1#
129 0.0 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 4.164 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

Tgt Ion:180 Resp: 48
Ion Ratio Lower Upper
180 100
182 183.3 47.1 141.3#
145 0.0 15.9 47.7#

