

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011423.D
 Acq On : 11 Nov 2022 16:55
 Operator : KP/MD
 Sample : N5530-07RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10RE

Quant Time: Nov 11 17:27:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

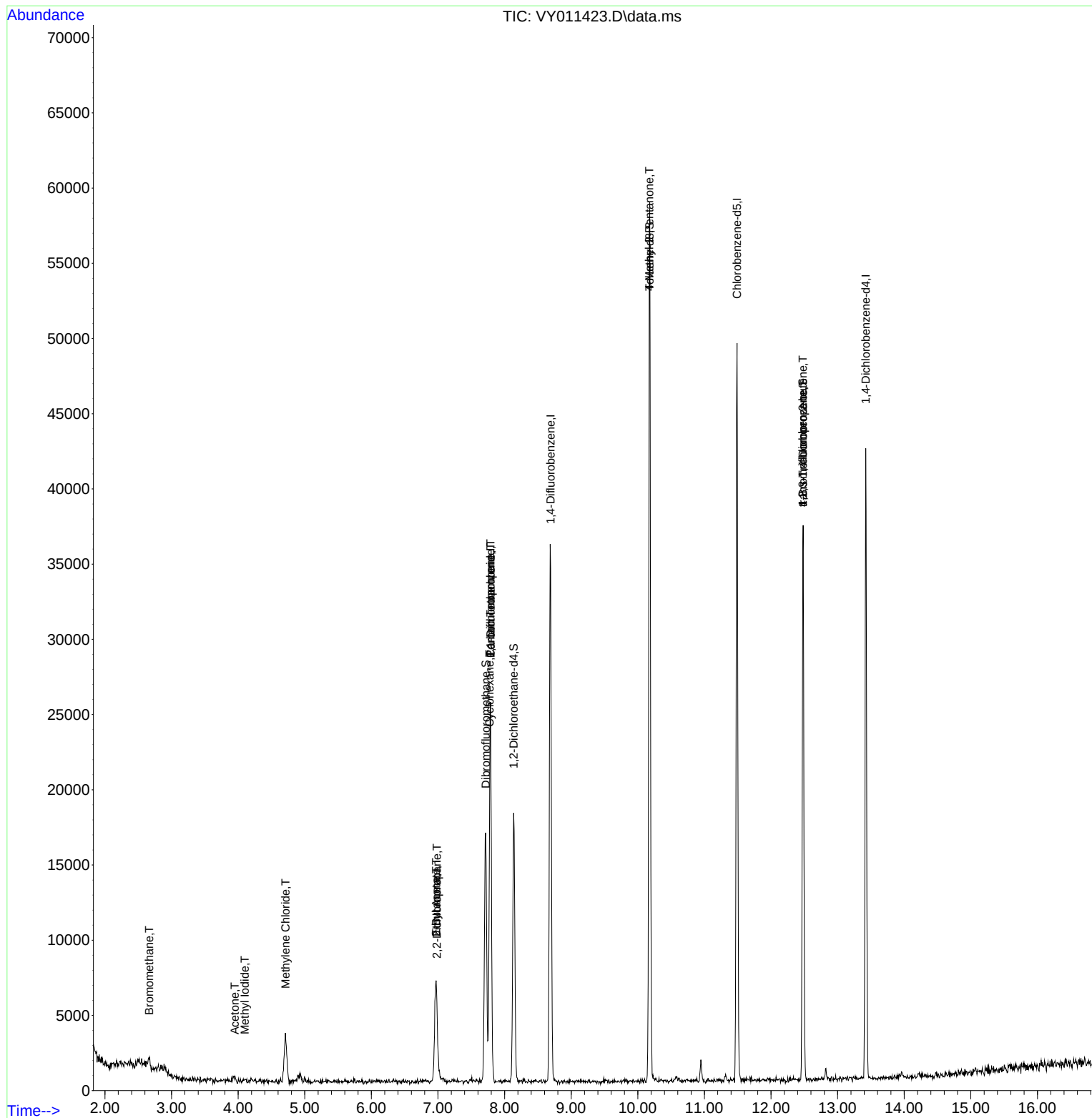
Internal Standards						
1) Pentafluorobenzene	7.789	168	21075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	33860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	29930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	11916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	13728	77.734	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 155.460%	
35) Dibromofluoromethane	7.716	113	12587	66.332	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 132.660%	
50) Toluene-d8	10.179	98	41910	57.812	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.620%	
62) 4-Bromofluorobenzene	12.477	95	12284	48.582	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.160%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	277	1.916	ug/l	84
10) Methyl Iodide	4.101	142	367	1.441	ug/l #	48
11) Tert butyl alcohol	4.936	59	179	Below Cal	#	77
16) Acetone	3.948	43	486	10.429	ug/l #	47
20) Methylene Chloride	4.710	84	2621	3.358	ug/l	87
25) 2-Butanone	6.972	43	274	4.128	ug/l #	54
26) 2,2-Dichloropropane	6.984	77	545	1.643	ug/l #	55
31) Cyclohexane	7.777	56	333	1.049	ug/l #	45
36) 1,1-Dichloropropene	7.789	75	1478	5.018	ug/l #	42
37) Ethyl Acetate	6.972	43	274	1.937	ug/l #	1
38) Carbon Tetrachloride	7.789	117	2154	6.724	ug/l #	11
51) 4-Methyl-2-Pentanone	10.173	43	143	1.042	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	5634	40.846	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	5634	98.183	ug/l #	7

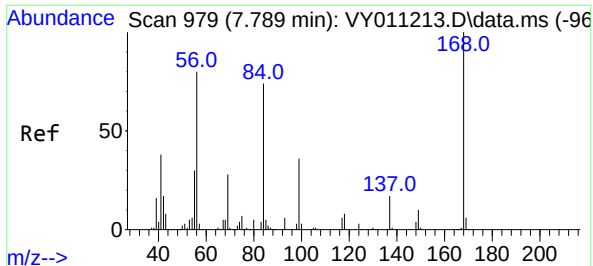
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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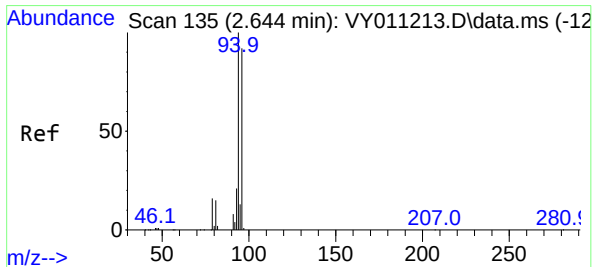
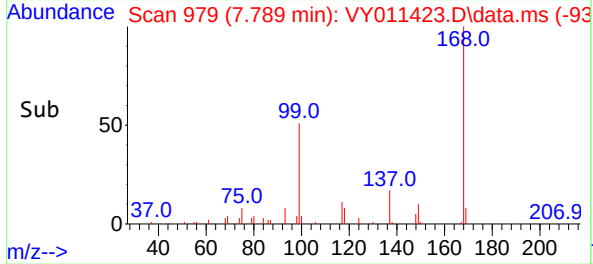
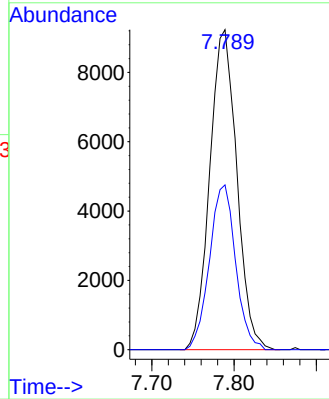
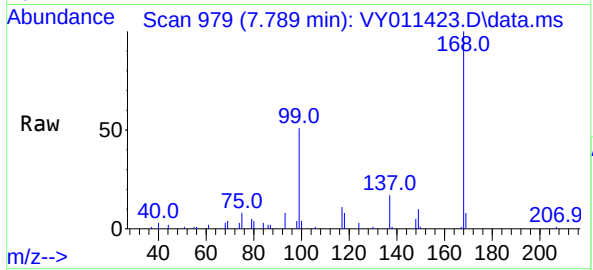




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011423.D
Acq: 11 Nov 2022 16:55

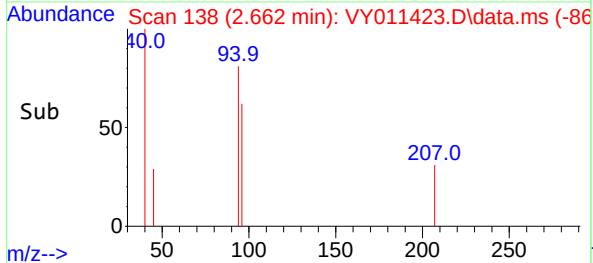
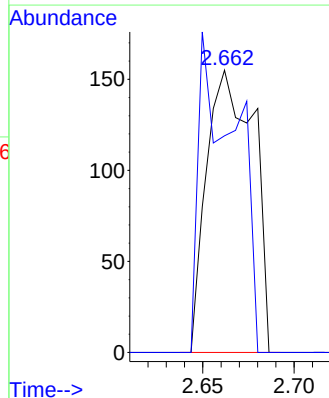
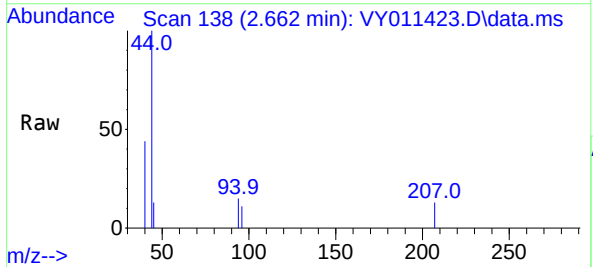
Instrument :
MSVOA_Y
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SB-10RE

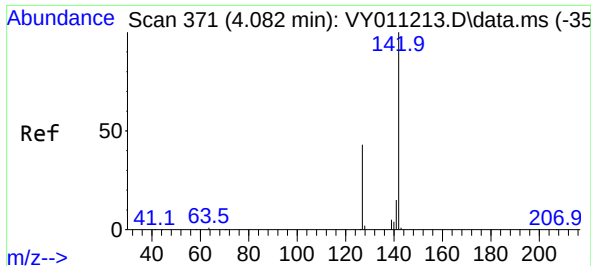
Tgt Ion:168 Resp: 21075
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#5
Bromomethane
Concen: 1.916 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.018 min
Lab File: VY011423.D
Acq: 11 Nov 2022 16:55

Tgt Ion: 94 Resp: 277
Ion Ratio Lower Upper
94 100
96 76.8 73.5 110.3

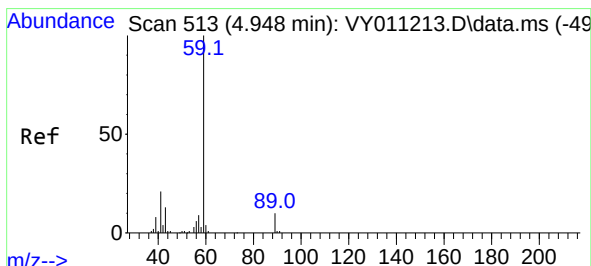
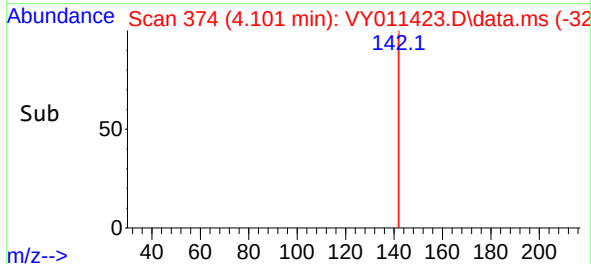
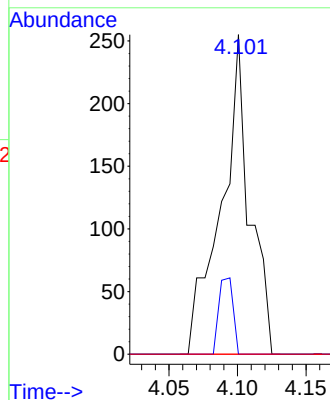
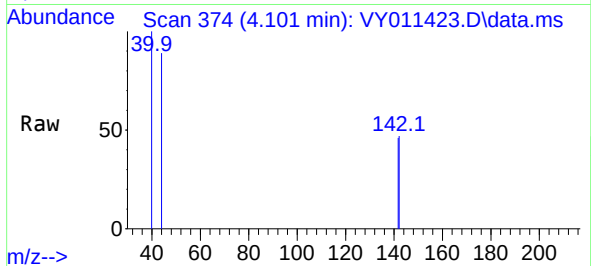




#10
Methyl Iodide
Concen: 1.441 ug/l
RT: 4.101 min Scan# 31
Delta R.T. 0.013 min
Lab File: VY011423.D
Acq: 11 Nov 2022 16:55

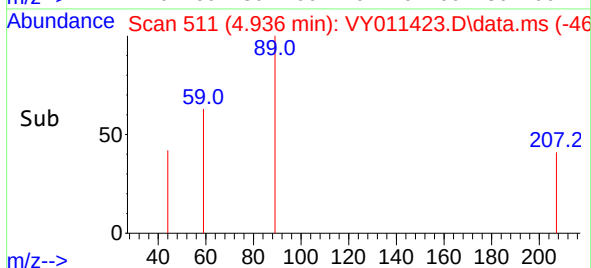
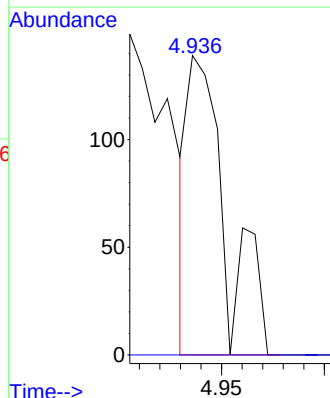
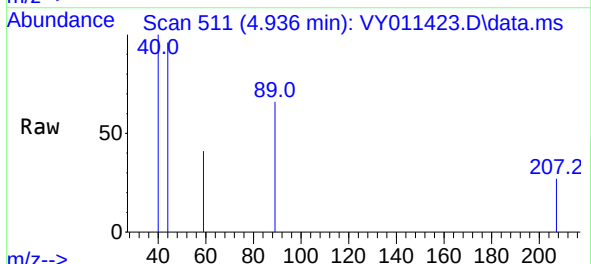
Instrument :
MSVOA_Y
ClientSampleId :
SB-10RE

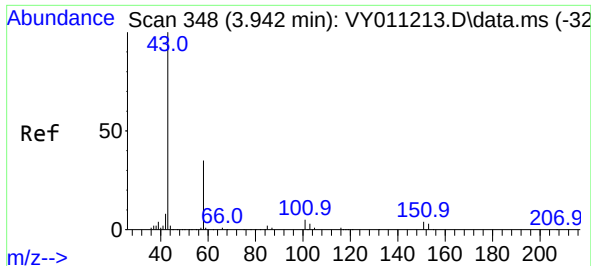
Tgt Ion:142 Resp: 367
Ion Ratio Lower Upper
142 100
127 12.0 41.5 62.3#
141 0.0 11.9 17.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY011423.D
Acq: 11 Nov 2022 16:55

Tgt Ion: 59 Resp: 179
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

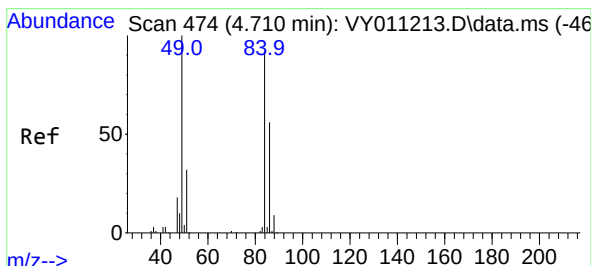
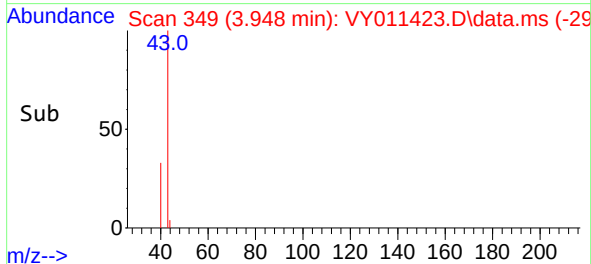
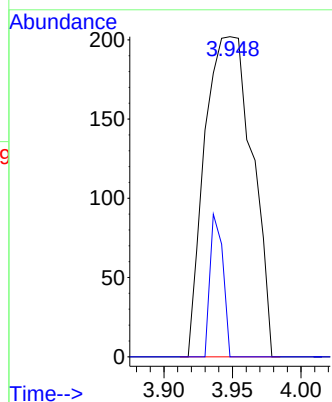
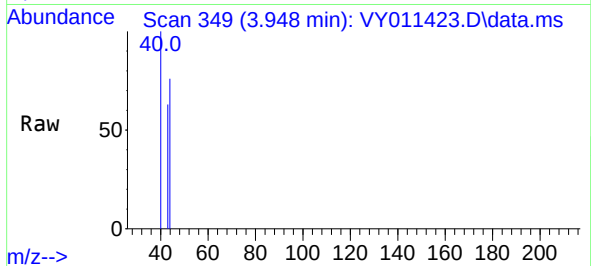




#16
Acetone
Concen: 10.429 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY011423.D
Acq: 11 Nov 2022 16:55

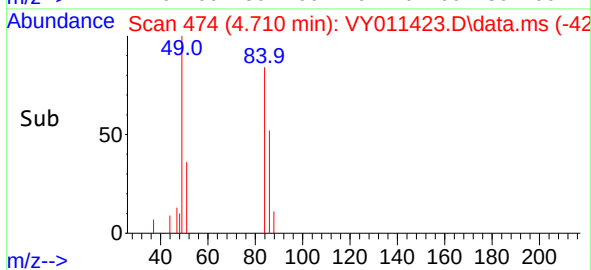
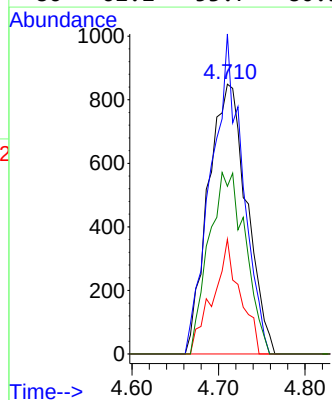
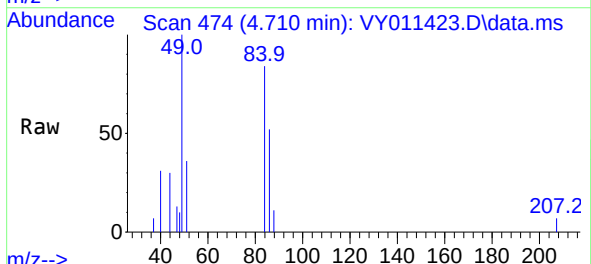
Instrument :
MSVOA_Y
ClientSampleId :
SB-10RE

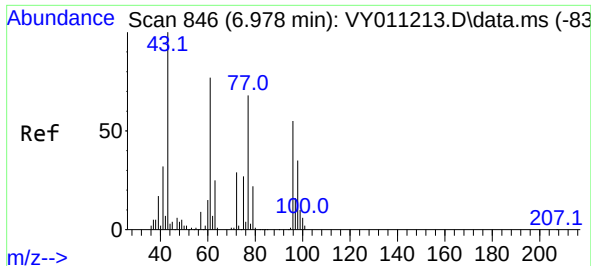
Tgt Ion: 43 Resp: 486
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: 3.358 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011423.D
Acq: 11 Nov 2022 16:55

Tgt Ion: 84 Resp: 2621
Ion Ratio Lower Upper
84 100
49 118.6 114.4 171.6
51 42.5 35.3 52.9
86 62.2 53.7 80.5

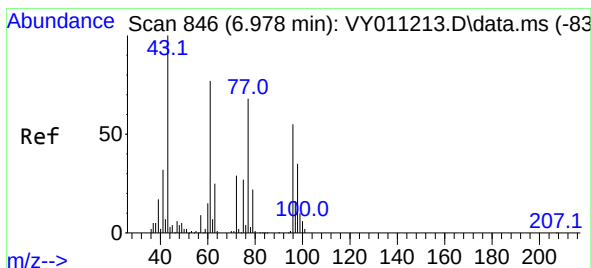
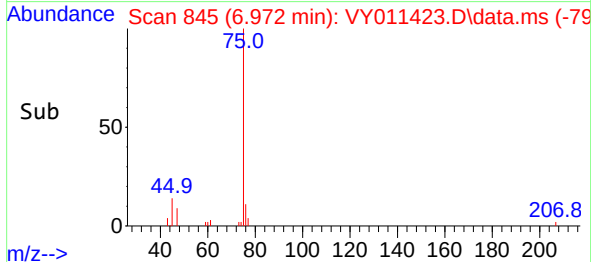
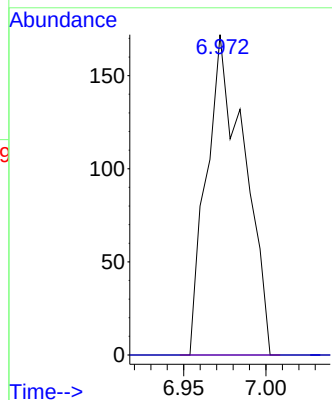
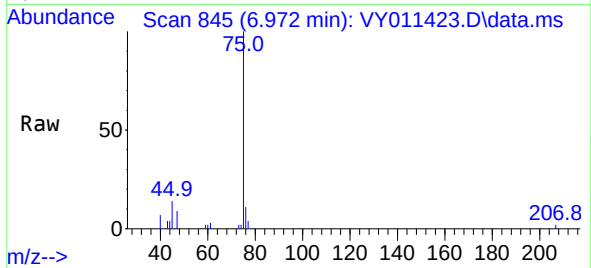




#25
2-Butanone
Concen: 4.128 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY011423.D
Acq: 11 Nov 2022 16:55

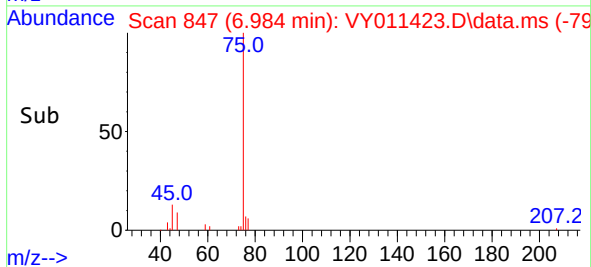
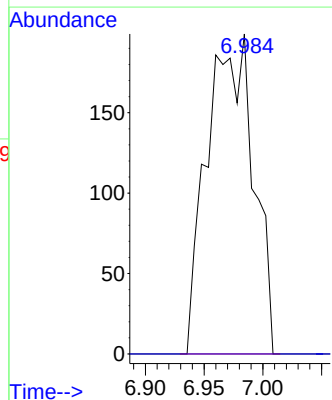
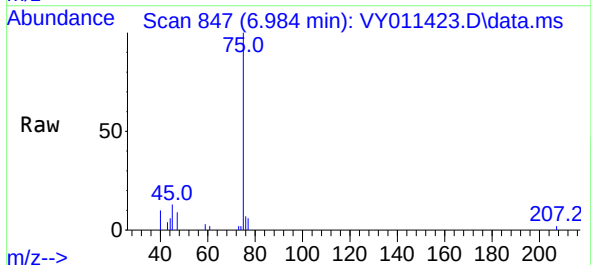
Instrument :
MSVOA_Y
ClientSampleId :
SB-10RE

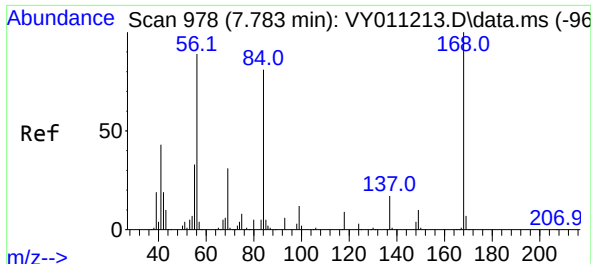
Tgt Ion: 43 Resp: 274
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 1.643 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY011423.D
Acq: 11 Nov 2022 16:55

Tgt Ion: 77 Resp: 545
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#

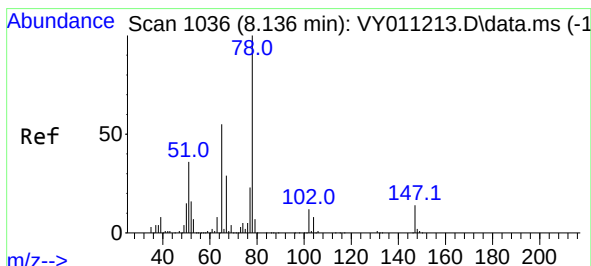
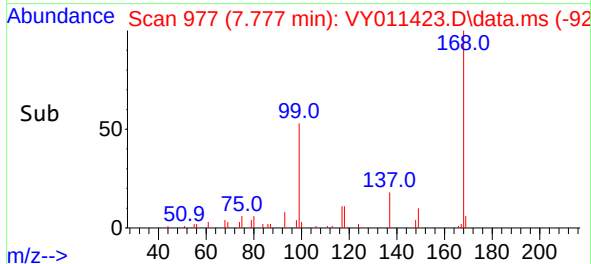
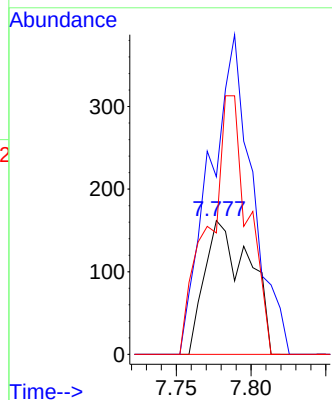
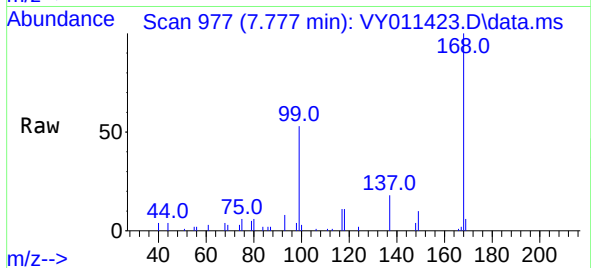




#31
Cyclohexane
Concen: 1.049 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011423.D
Acq: 11 Nov 2022 16:55

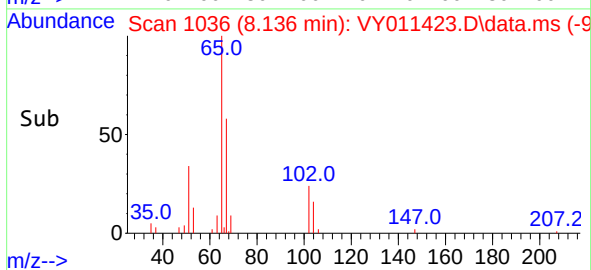
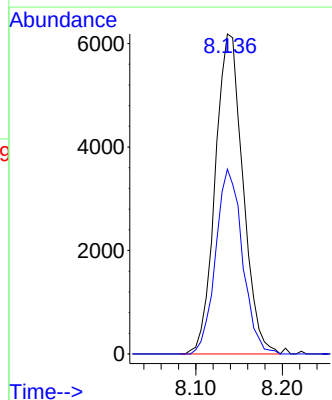
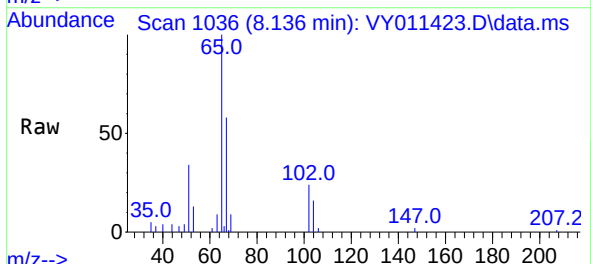
Instrument :
MSVOA_Y
ClientSampleId :
SB-10RE

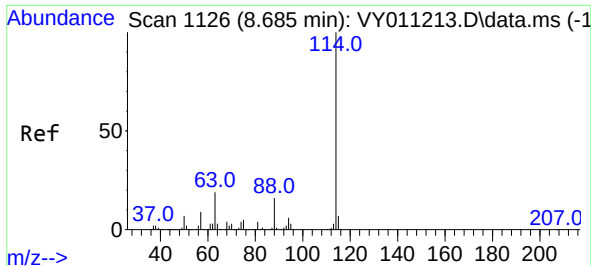
Tgt Ion: 56 Resp: 333
Ion Ratio Lower Upper
56 100
69 132.7 26.7 40.1#
84 90.7 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 77.734 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011423.D
Acq: 11 Nov 2022 16:55

Tgt Ion: 65 Resp: 13728
Ion Ratio Lower Upper
65 100
67 55.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY011423.D

Acq: 11 Nov 2022 16:55

Instrument :

MSVOA_Y

ClientSampleId :

SB-10RE

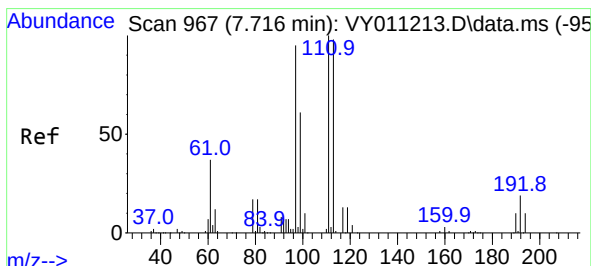
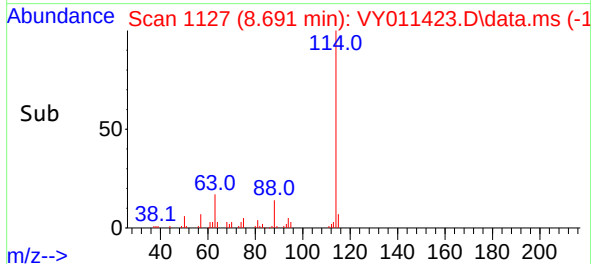
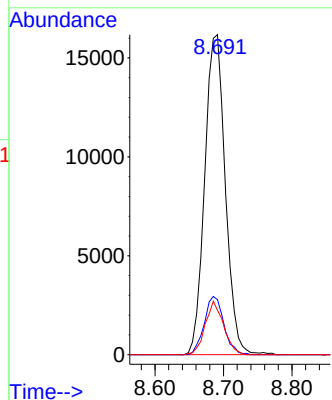
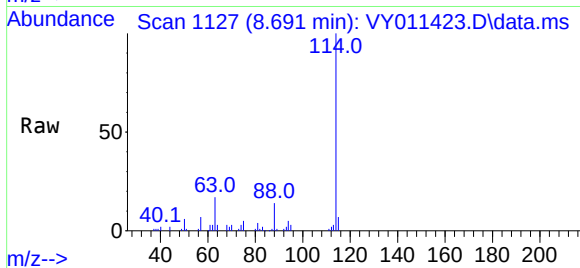
Tgt Ion:114 Resp: 33860

Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 66.332 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011423.D

Acq: 11 Nov 2022 16:55

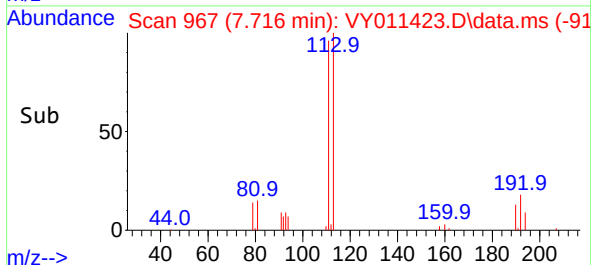
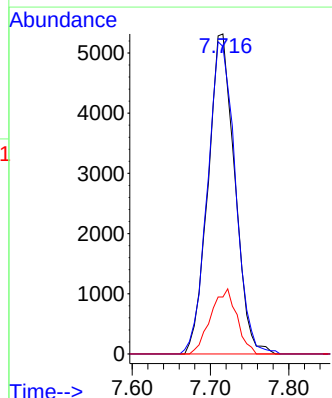
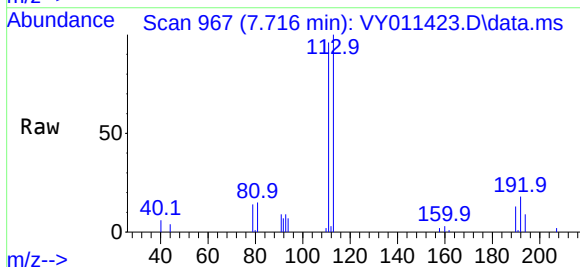
Tgt Ion:113 Resp: 12587

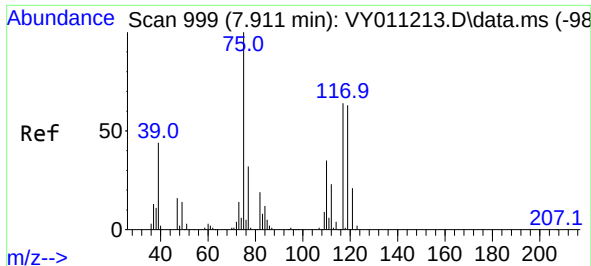
Ion Ratio Lower Upper

113 100

111 101.3 82.6 124.0

192 19.9 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.018 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011423.D

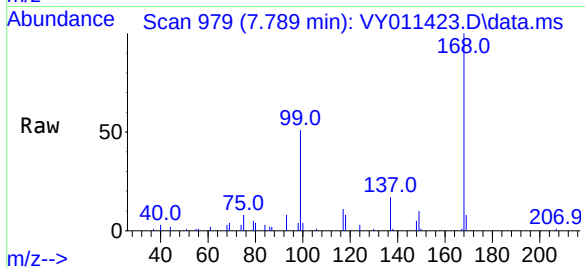
Acq: 11 Nov 2022 16:55

Instrument :

MSVOA_Y

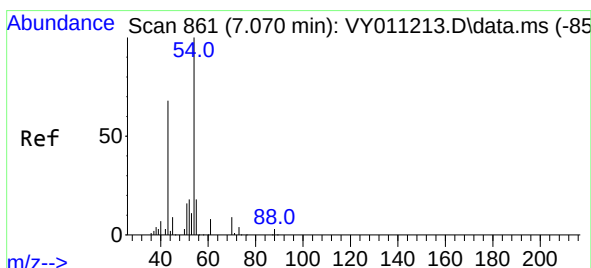
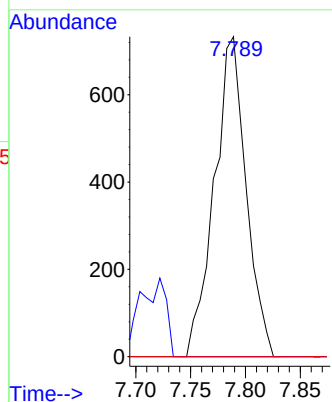
ClientSampleId :

SB-10RE



Tgt Ion: 75 Resp: 1478

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.2#
77	0.0	24.4	36.6#



#37

Ethyl Acetate

Concen: 1.937 ug/l

RT: 6.972 min Scan# 845

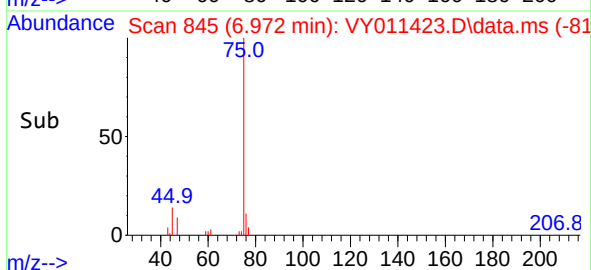
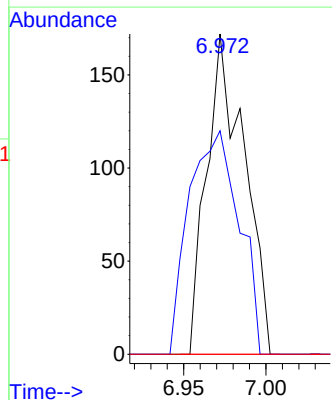
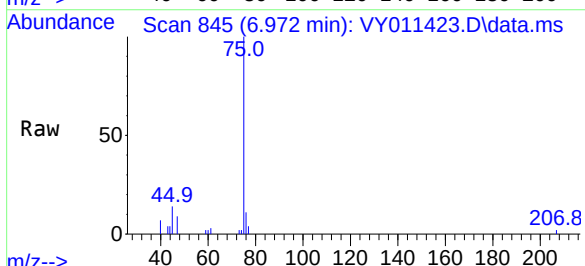
Delta R.T. -0.098 min

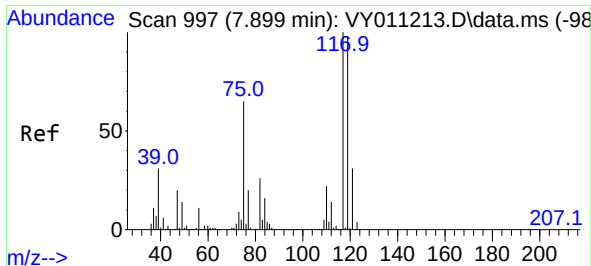
Lab File: VY011423.D

Acq: 11 Nov 2022 16:55

Tgt Ion: 43 Resp: 274

Ion	Ratio	Lower	Upper
43	100		
61	92.7	9.7	14.5#
70	0.0	7.1	10.7#

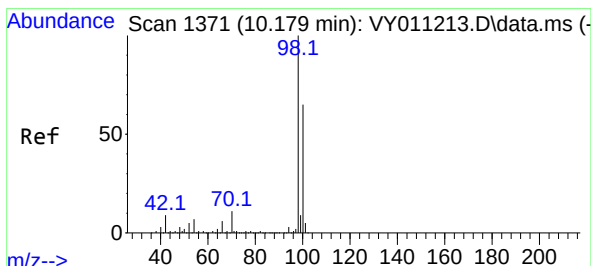
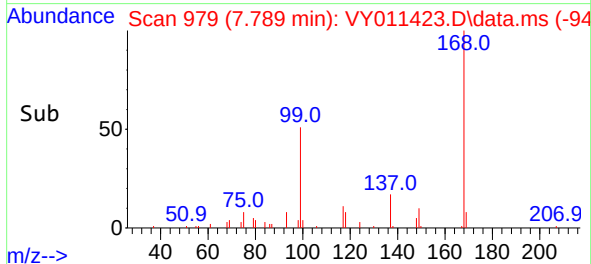
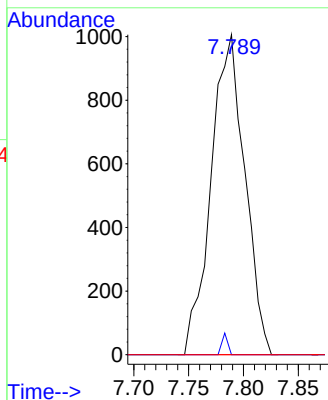
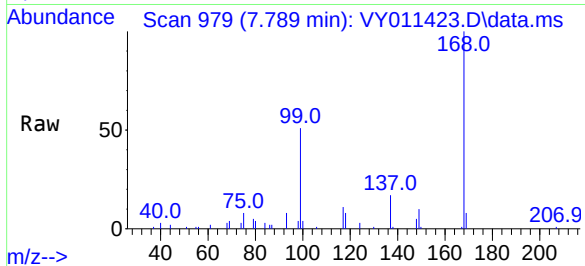




#38
Carbon Tetrachloride
Concen: 6.724 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011423.D
Acq: 11 Nov 2022 16:55

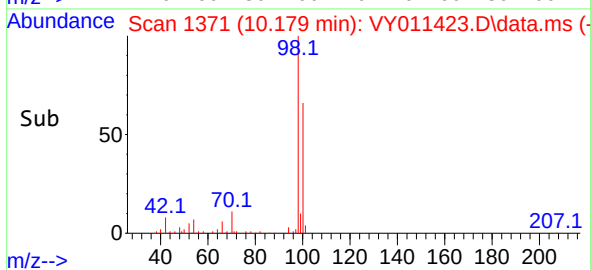
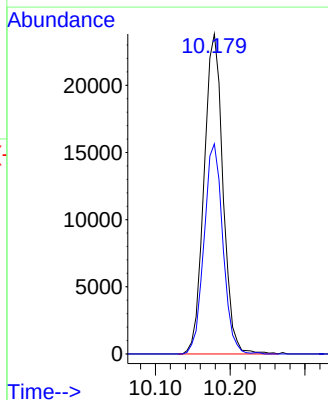
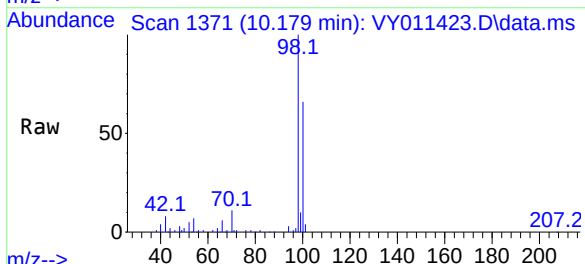
Instrument :
MSVOA_Y
ClientSampleId :
SB-10RE

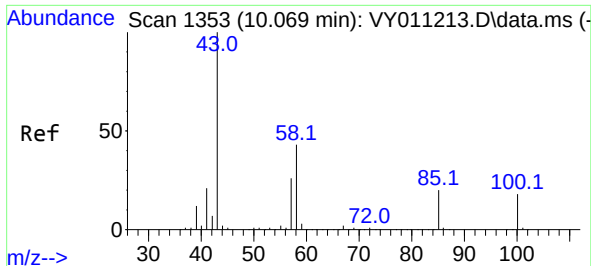
Tgt Ion:117 Resp: 2154
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 57.812 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011423.D
Acq: 11 Nov 2022 16:55

Tgt Ion: 98 Resp: 41910
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

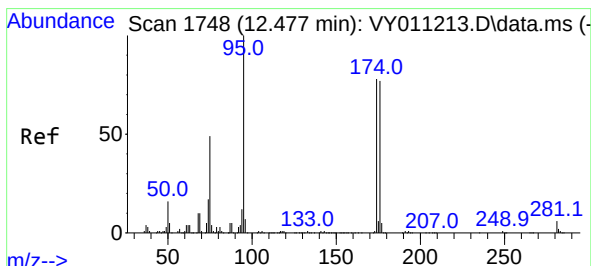
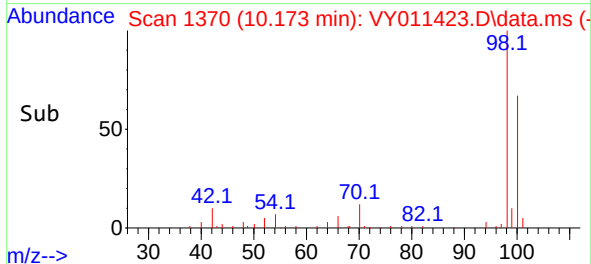
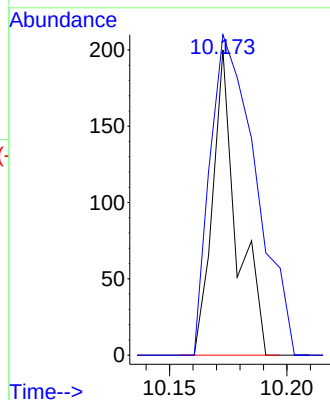
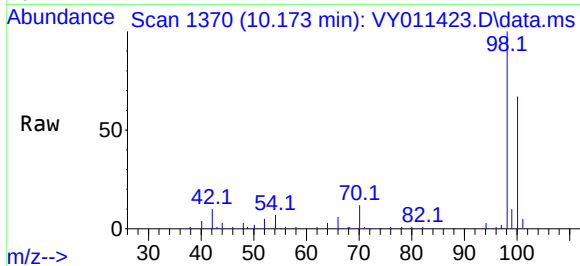




#51
4-Methyl-2-Pentanone
Concen: 1.042 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY011423.D
Acq: 11 Nov 2022 16:55

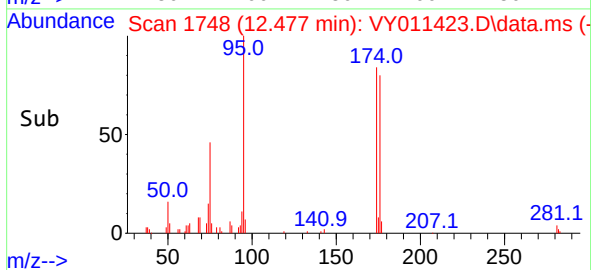
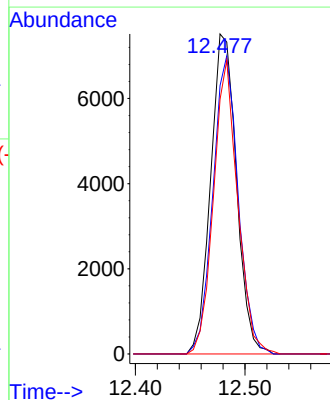
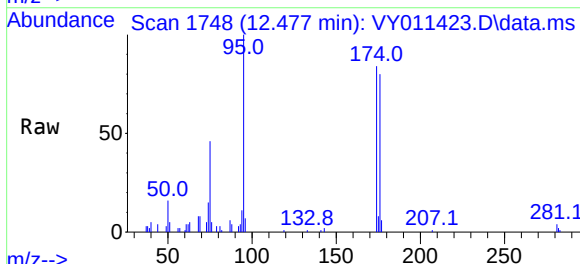
Instrument :
MSVOA_Y
ClientSampleId :
SB-10RE

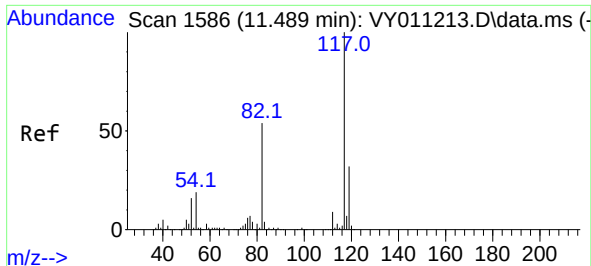
Tgt Ion: 43 Resp: 143
Ion Ratio Lower Upper
43 100
58 199.3 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 48.582 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011423.D
Acq: 11 Nov 2022 16:55

Tgt Ion: 95 Resp: 12284
Ion Ratio Lower Upper
95 100
174 91.5 0.0 177.0
176 85.9 0.0 175.8

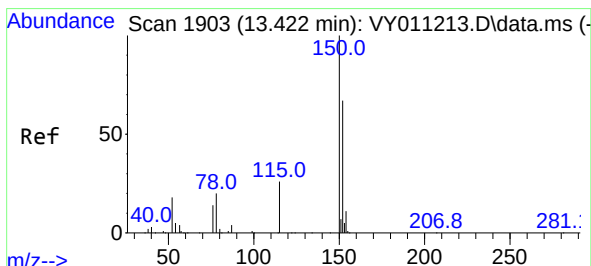
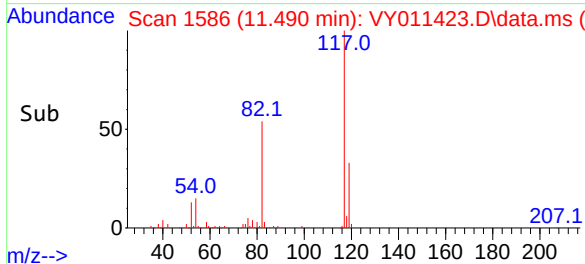
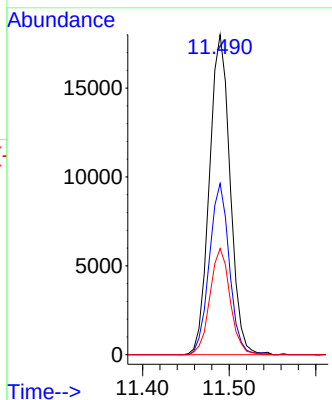
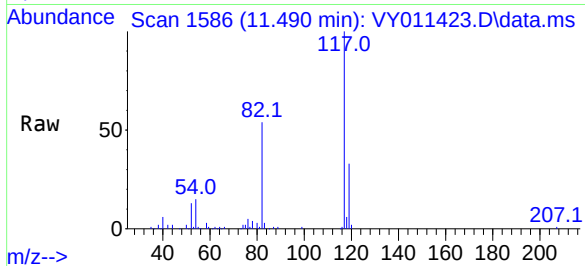




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY011423.D
Acq: 11 Nov 2022 16:55

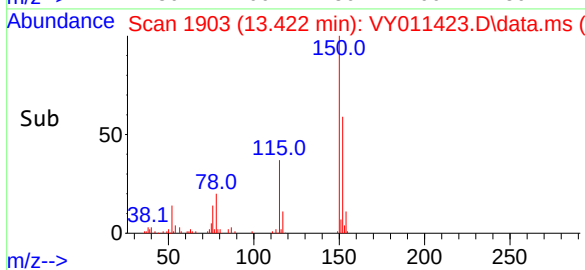
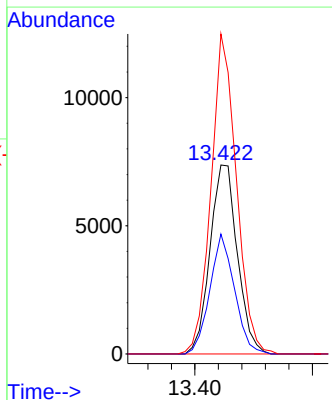
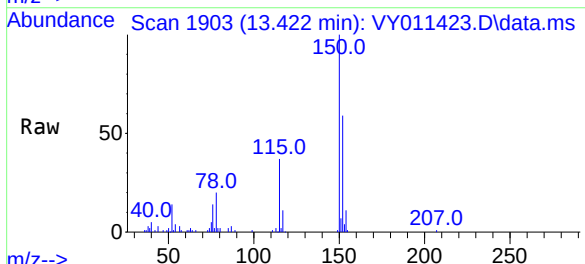
Instrument :
MSVOA_Y
ClientSampleId :
SB-10RE

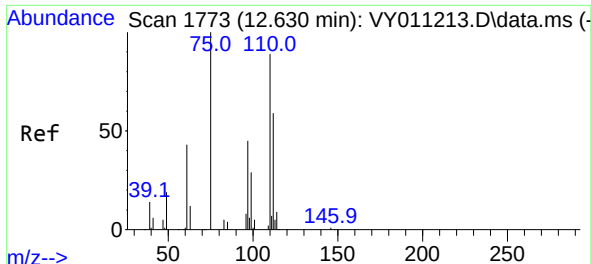
Tgt Ion:	117	Resp:	29930
Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.0	64.4
119	33.2	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011423.D
Acq: 11 Nov 2022 16:55

Tgt Ion:	152	Resp:	11916
Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.2	84.7
150	157.1	0.0	347.6

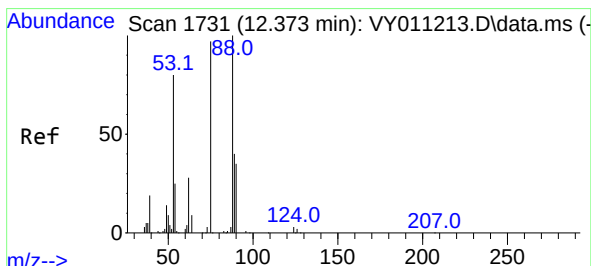
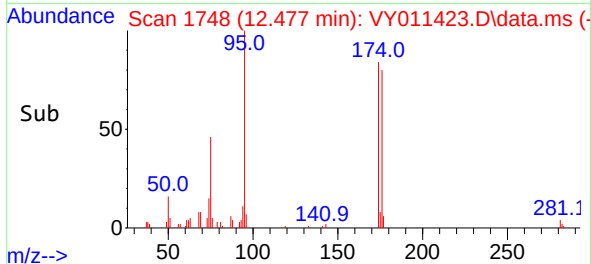
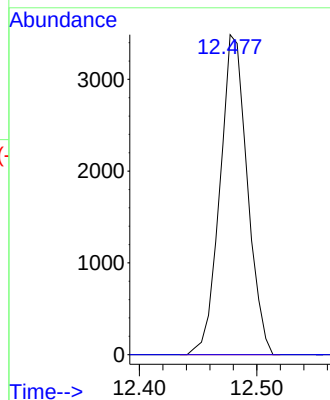
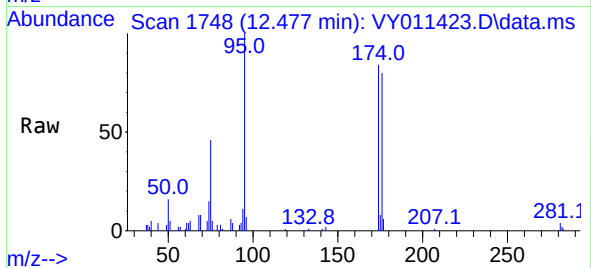




#76
1,2,3-Trichloropropane
Concen: 40.846 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011423.D
Acq: 11 Nov 2022 16:55

Instrument :
MSVOA_Y
ClientSampleId :
SB-10RE

Tgt Ion: 75 Resp: 5634
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 98.183 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011423.D
Acq: 11 Nov 2022 16:55

Tgt Ion: 75 Resp: 5634
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

