

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
 Data File : VY011050.D
 Acq On : 21 Oct 2022 15:07
 Operator : KP/MD
 Sample : N5217-15
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-K1-3.5-4.0

Quant Time: Oct 22 01:23:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

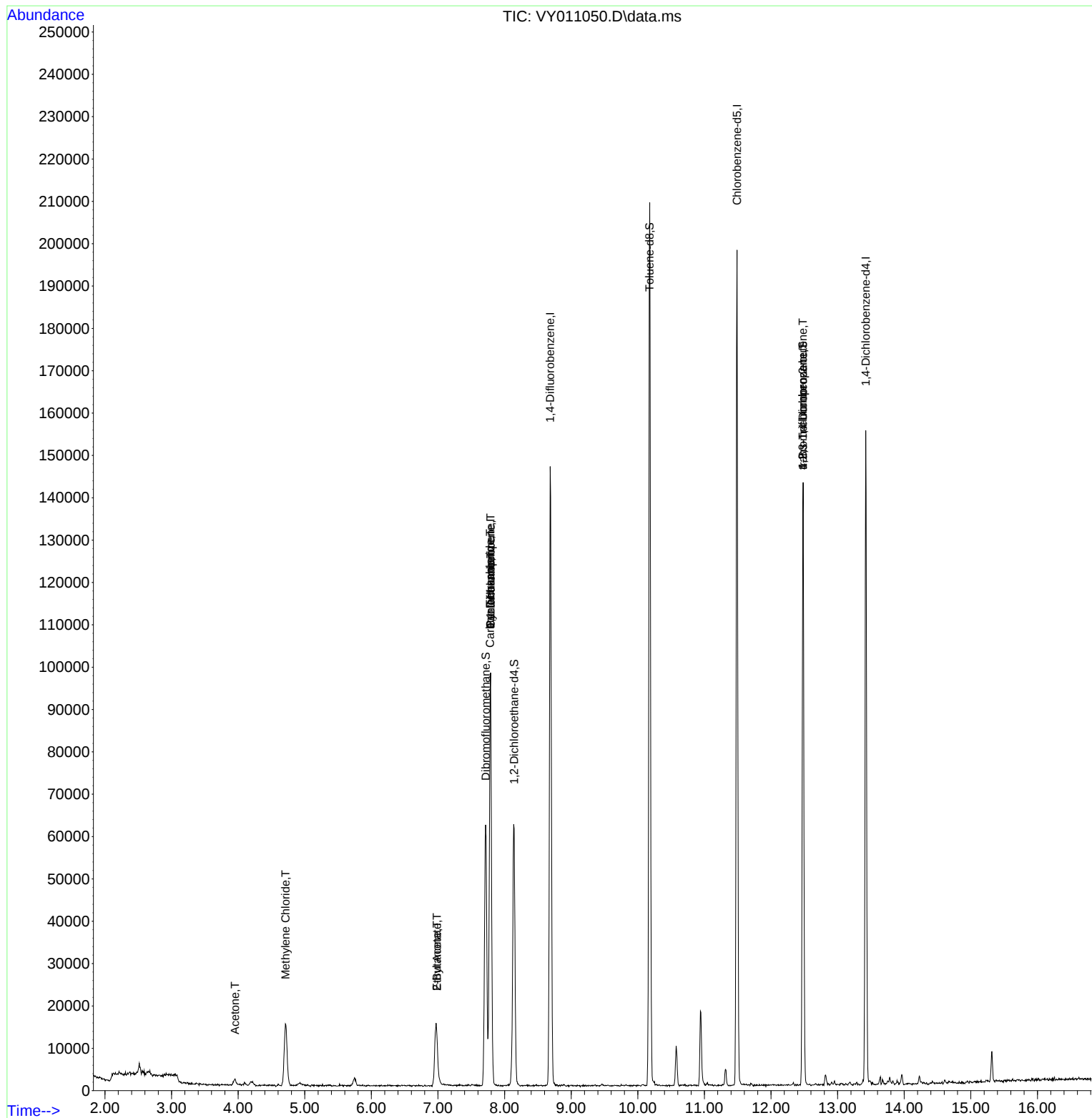
Internal Standards						
1) Pentafluorobenzene	7.789	168	76450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	126702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	108853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	40980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	47895	68.012	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 136.020%			
35) Dibromofluoromethane	7.716	113	45573	65.181	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 130.360%			
50) Toluene-d8	10.179	98	142213	53.756	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.520%			
62) 4-Bromofluorobenzene	12.477	95	42661	45.230	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.460%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	896	Below Cal	#	77
16) Acetone	3.954	43	2491	12.181	ug/l #	75
18) Methyl Acetate	4.729	43	19	Below Cal	#	56
20) Methylene Chloride	4.710	84	11330	7.321	ug/l	86
25) 2-Butanone	6.984	43	1135	3.660	ug/l #	54
31) Cyclohexane	7.789	56	1544	1.146	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	5758	4.882	ug/l #	51
37) Ethyl Acetate	6.984	43	1135	1.738	ug/l #	6
38) Carbon Tetrachloride	7.783	117	7593	6.236	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	22240	47.802	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	22240	102.808	ug/l #	7

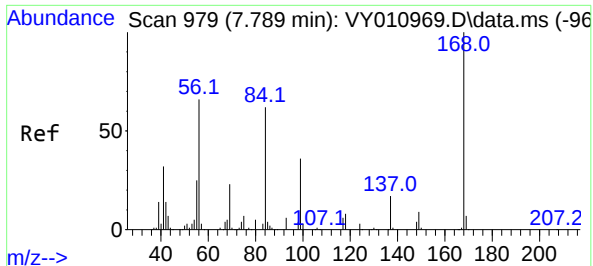
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
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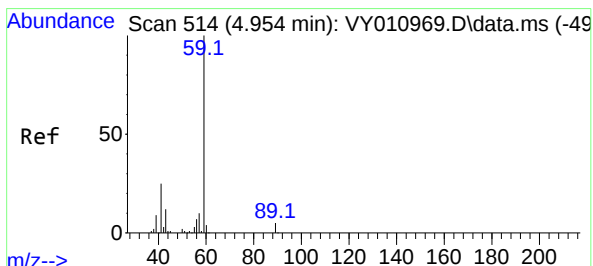
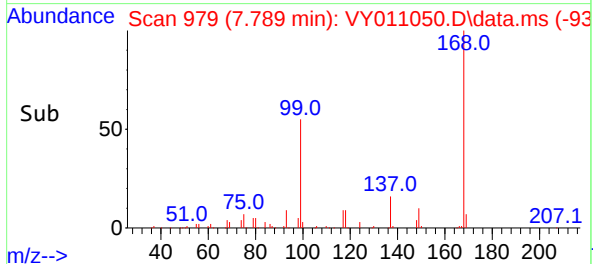
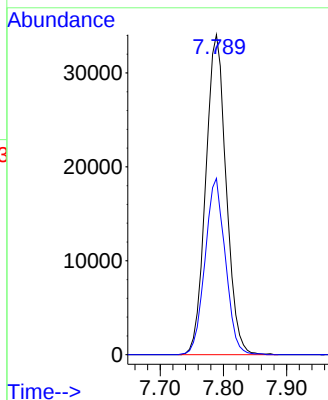
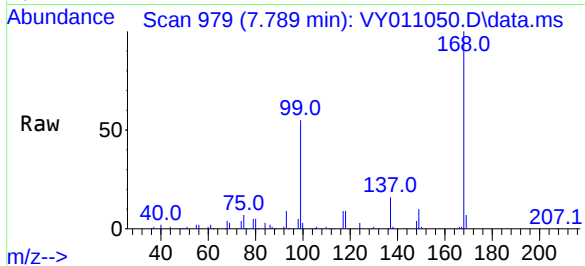




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011050.D
Acq: 21 Oct 2022 15:07

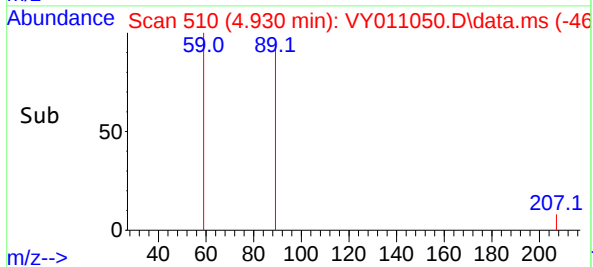
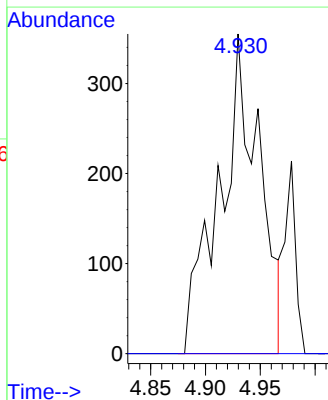
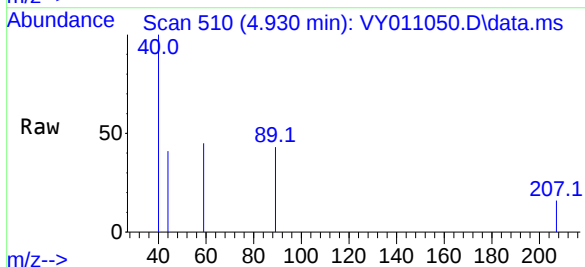
Instrument :
MSVOA_Y
ClientSampleId :
SB-K1-3.5-4.0

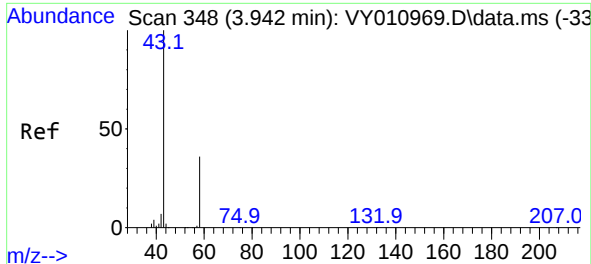
Tgt Ion:168 Resp: 76450
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY011050.D
Acq: 21 Oct 2022 15:07

Tgt Ion: 59 Resp: 896
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 12.181 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY011050.D

Acq: 21 Oct 2022 15:07

Instrument :

MSVOA_Y

ClientSampleId :

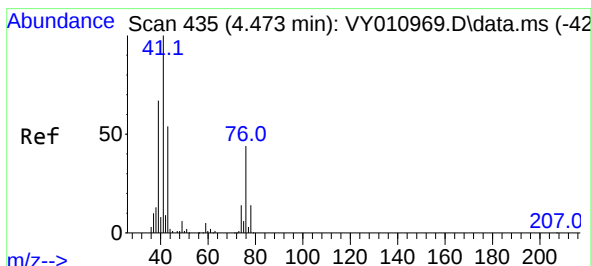
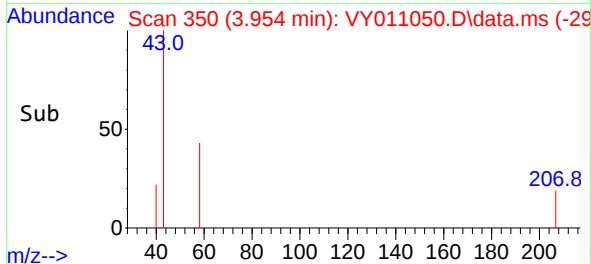
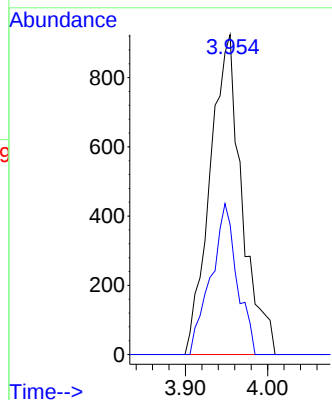
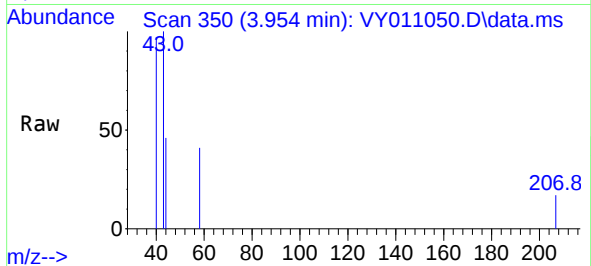
SB-K1-3.5-4.0

Tgt Ion: 43 Resp: 2491

Ion Ratio Lower Upper

43 100

58 40.6 22.0 33.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.729 min Scan# 477

Delta R.T. 0.256 min

Lab File: VY011050.D

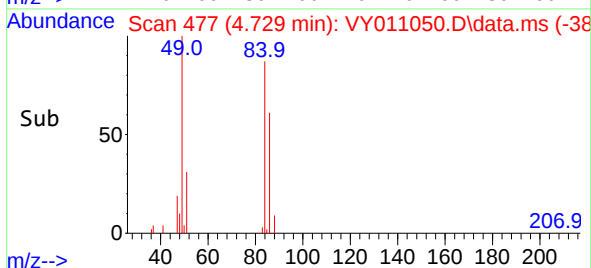
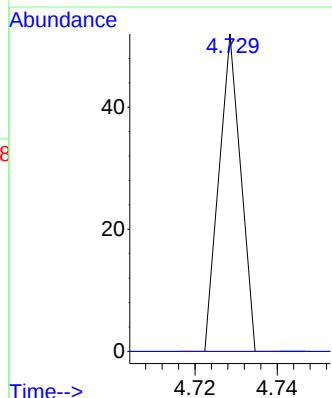
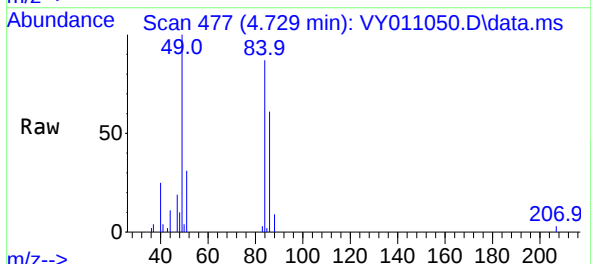
Acq: 21 Oct 2022 15:07

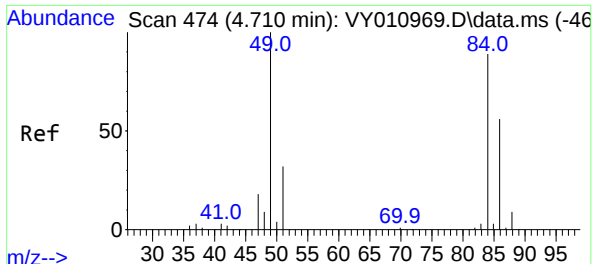
Tgt Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

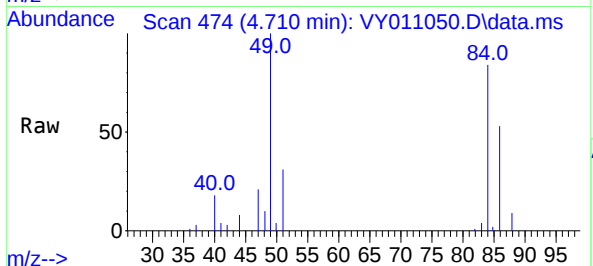
74 0.0 16.6 24.8#





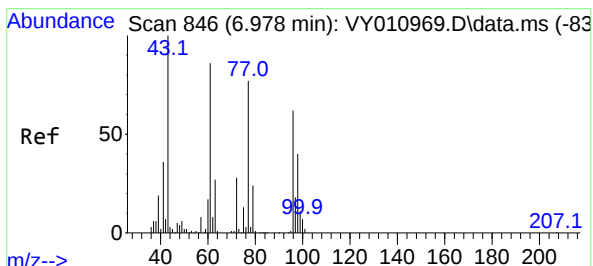
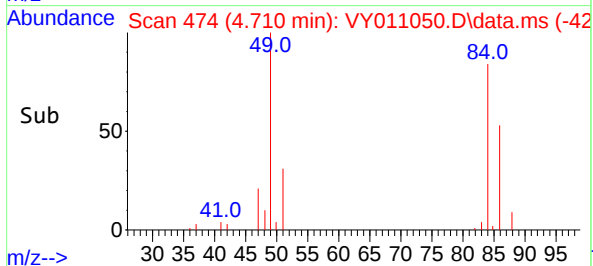
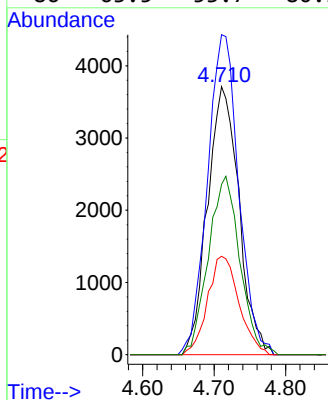
#20
Methylene Chloride
Concen: 7.321 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011050.D
Acq: 21 Oct 2022 15:07

Instrument :
MSVOA_Y
ClientSampleId :
SB-K1-3.5-4.0



Tgt Ion: 84 Resp: 11330

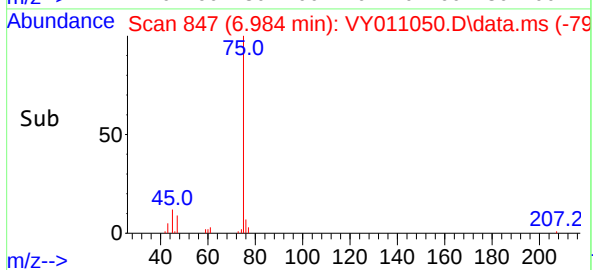
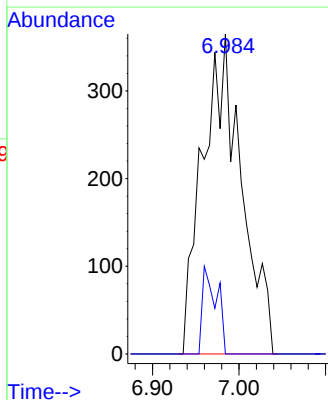
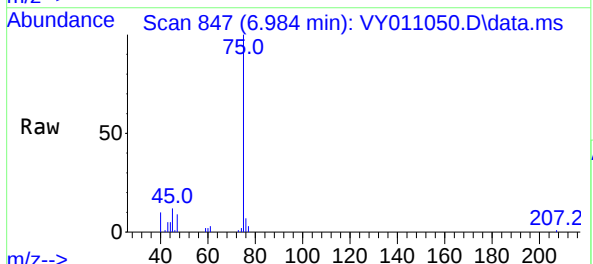
Ion	Ratio	Lower	Upper
84	100		
49	119.4	114.4	171.6
51	36.7	35.3	52.9
86	63.5	53.7	80.5

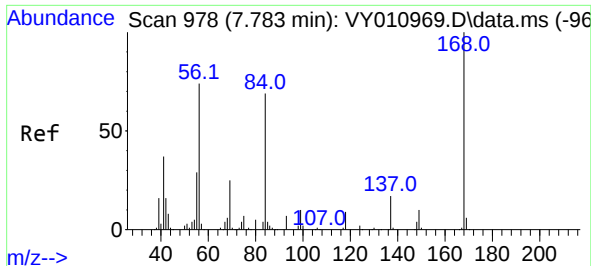


#25
2-Butanone
Concen: 3.660 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY011050.D
Acq: 21 Oct 2022 15:07

Tgt Ion: 43 Resp: 1135

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#

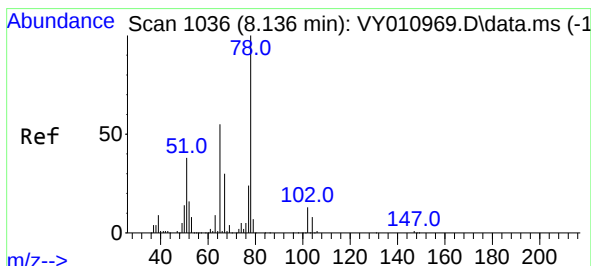
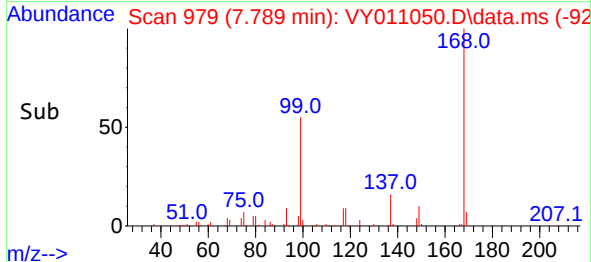
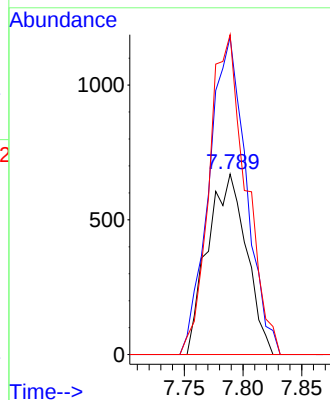
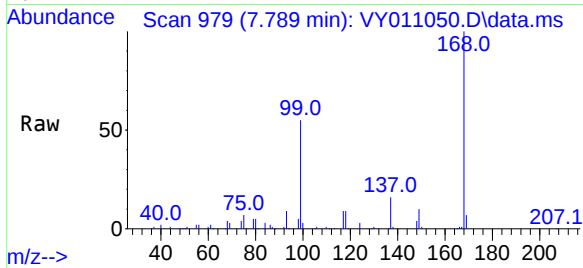




#31
Cyclohexane
Concen: 1.146 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011050.D
Acq: 21 Oct 2022 15:07

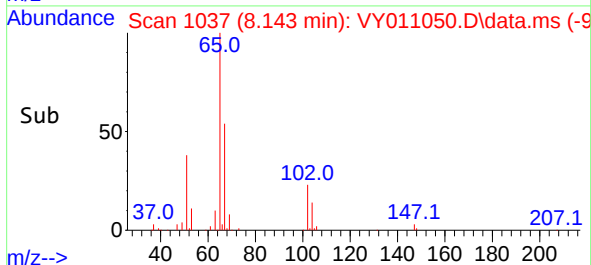
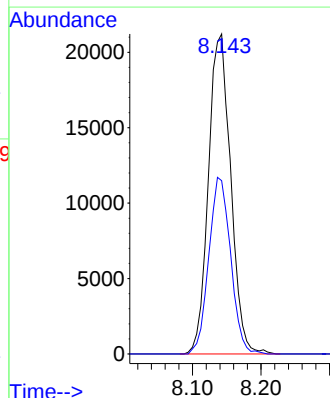
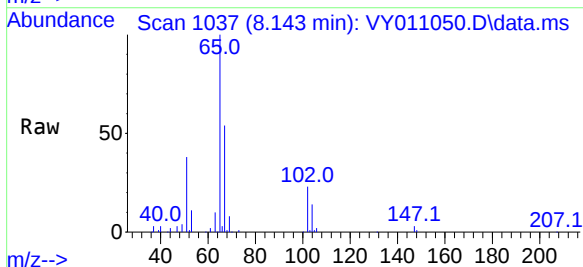
Instrument :
MSVOA_Y
ClientSampleId :
SB-K1-3.5-4.0

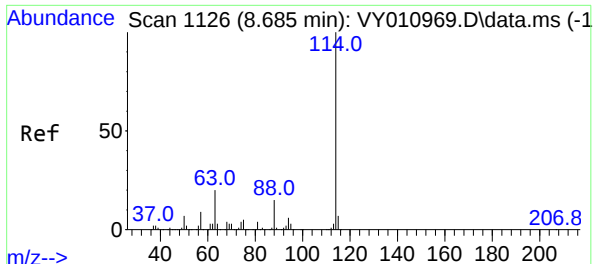
Tgt Ion: 56 Resp: 1544
Ion Ratio Lower Upper
56 100
69 176.0 26.7 40.1#
84 177.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 68.012 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY011050.D
Acq: 21 Oct 2022 15:07

Tgt Ion: 65 Resp: 47895
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011050.D

Acq: 21 Oct 2022 15:07

Instrument :

MSVOA_Y

ClientSampleId :

SB-K1-3.5-4.0

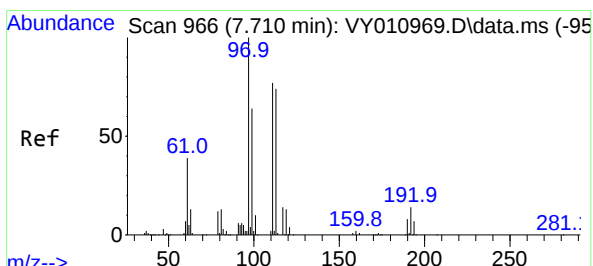
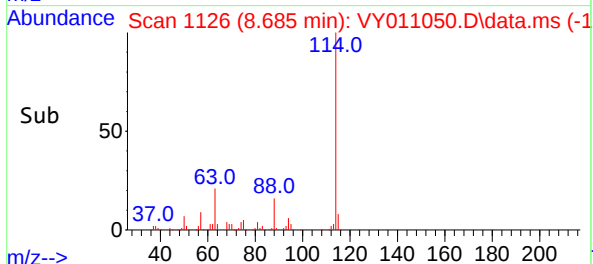
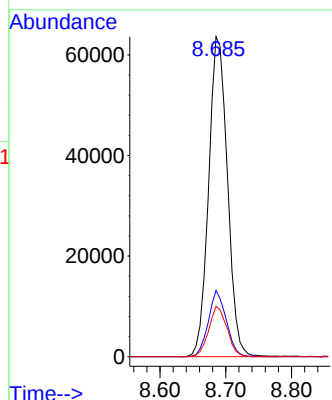
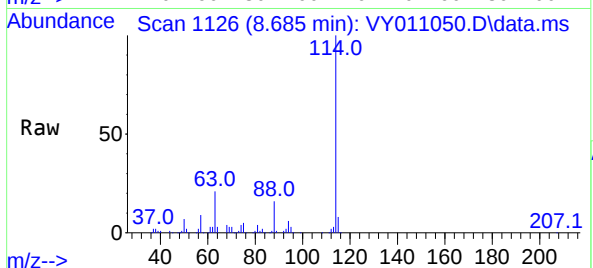
Tgt Ion:114 Resp: 126702

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.2

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 65.181 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011050.D

Acq: 21 Oct 2022 15:07

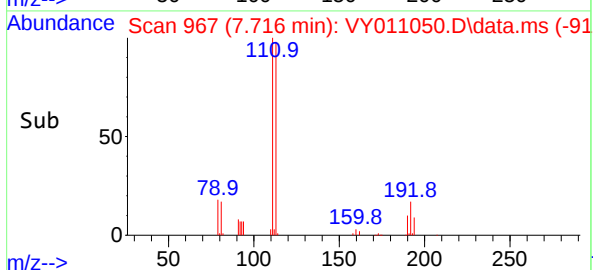
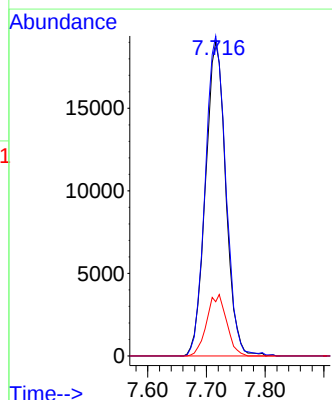
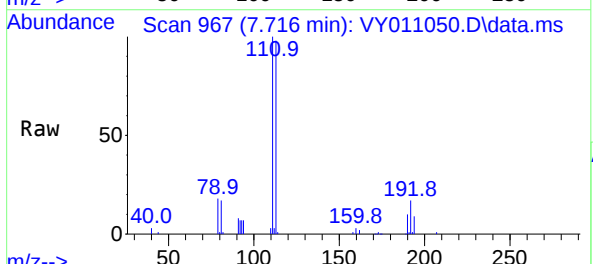
Tgt Ion:113 Resp: 45573

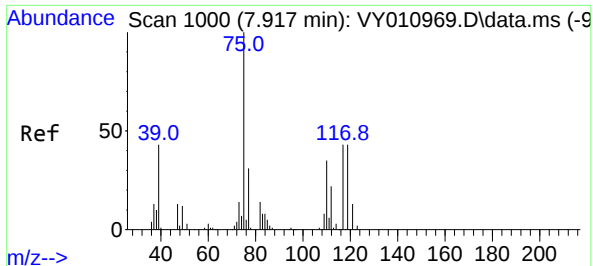
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 19.2 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.882 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011050.D

Acq: 21 Oct 2022 15:07

Instrument :

MSVOA_Y

ClientSampleId :

SB-K1-3.5-4.0

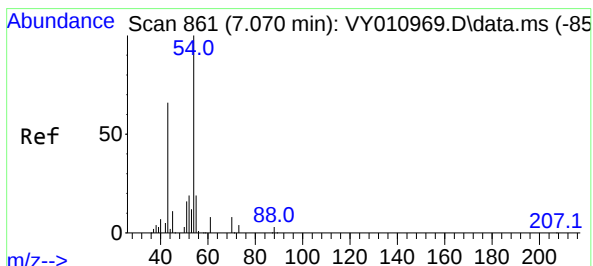
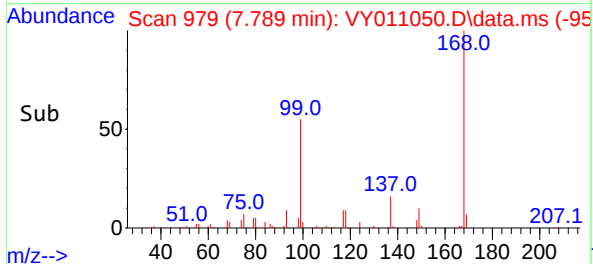
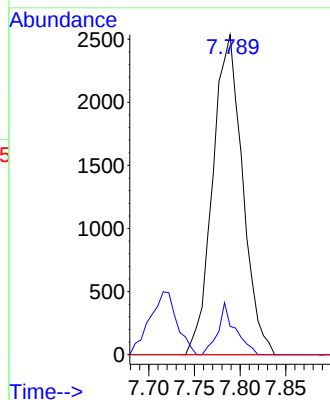
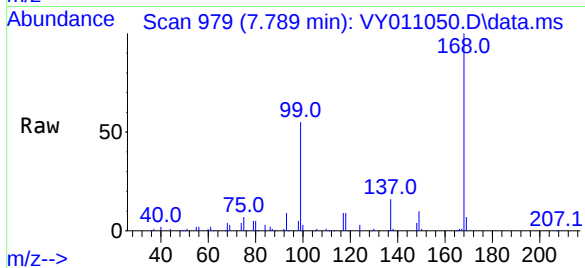
Tgt Ion: 75 Resp: 5758

Ion Ratio Lower Upper

75 100

110 9.4 17.1 51.2#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.738 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.086 min

Lab File: VY011050.D

Acq: 21 Oct 2022 15:07

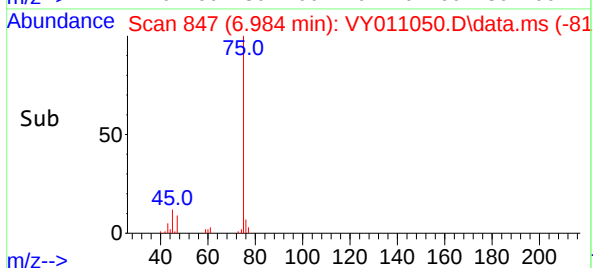
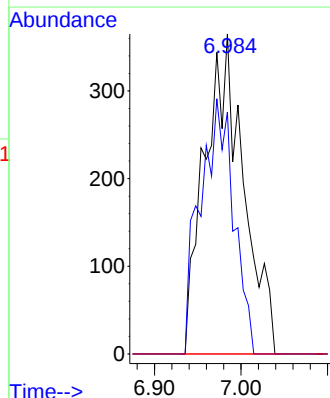
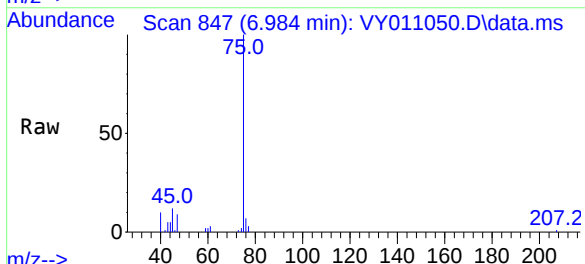
Tgt Ion: 43 Resp: 1135

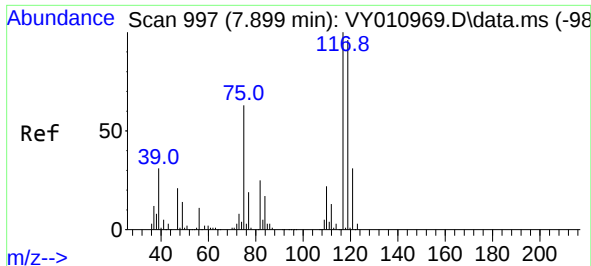
Ion Ratio Lower Upper

43 100

61 68.6 9.7 14.5#

70 0.0 7.1 10.7#

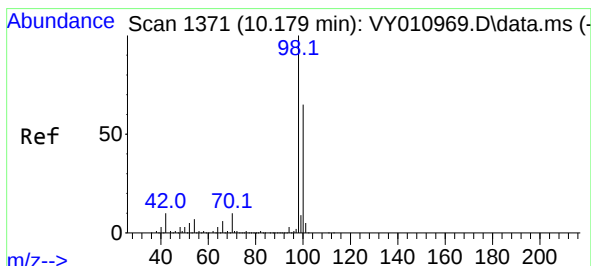
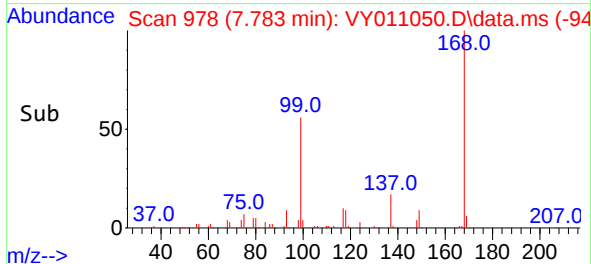
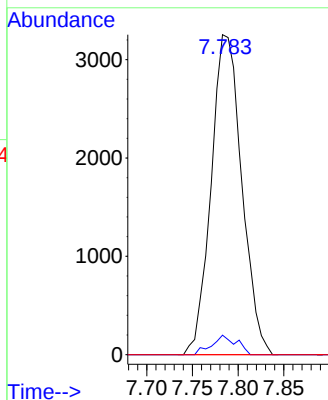
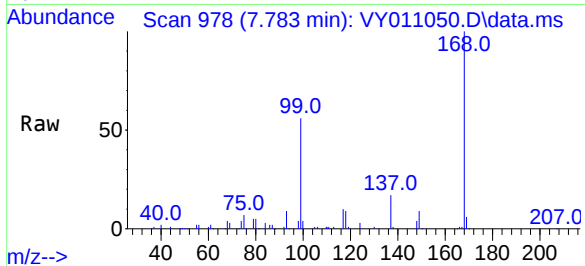




#38
Carbon Tetrachloride
Concen: 6.236 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011050.D
Acq: 21 Oct 2022 15:07

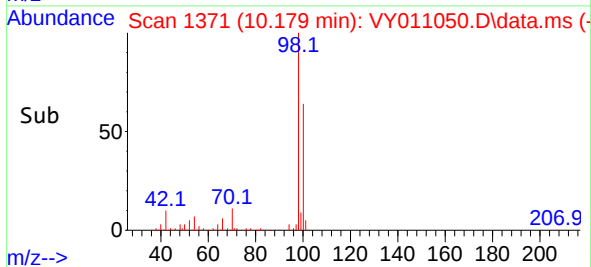
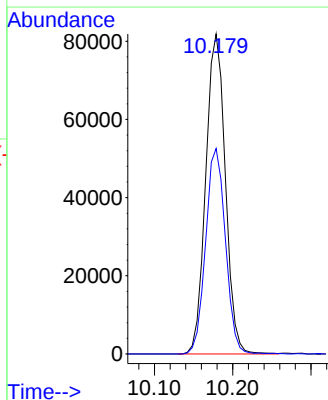
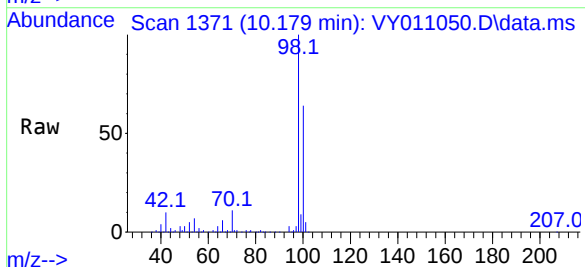
Instrument :
MSVOA_Y
ClientSampleId :
SB-K1-3.5-4.0

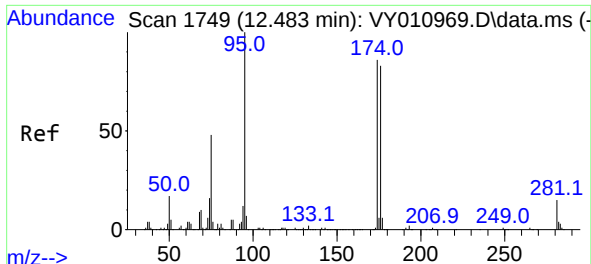
Tgt Ion:117 Resp: 7593
Ion Ratio Lower Upper
117 100
119 6.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.756 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011050.D
Acq: 21 Oct 2022 15:07

Tgt Ion: 98 Resp: 142213
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

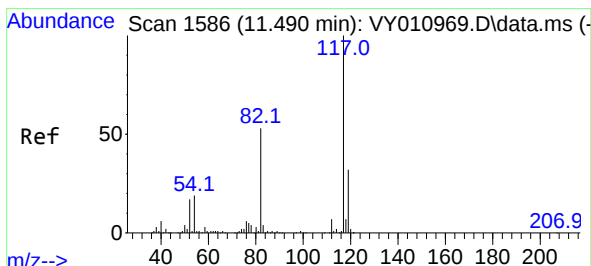
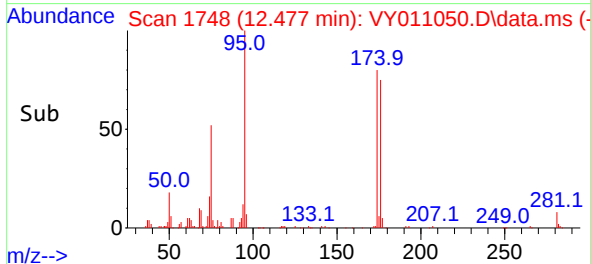
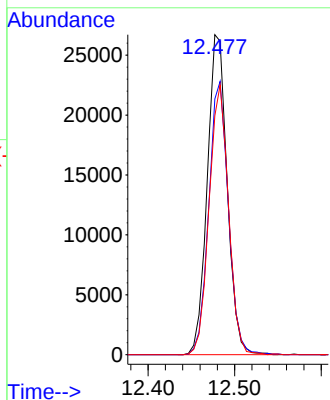
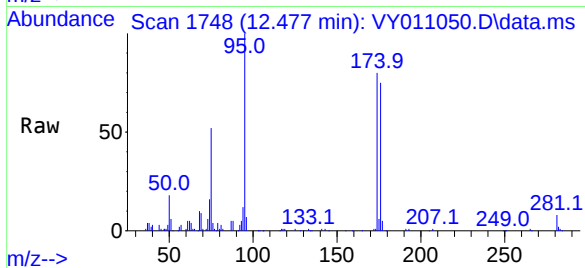




#62
4-Bromofluorobenzene
Concen: 45.230 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011050.D
Acq: 21 Oct 2022 15:07

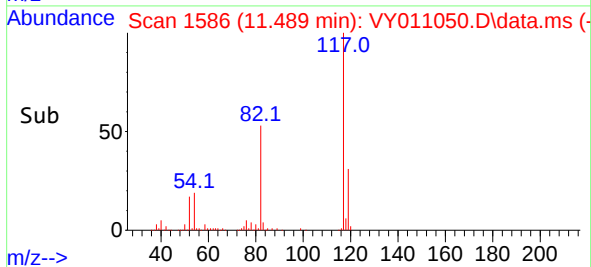
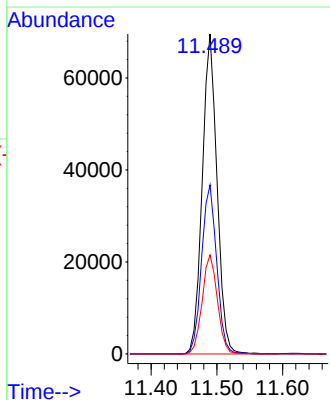
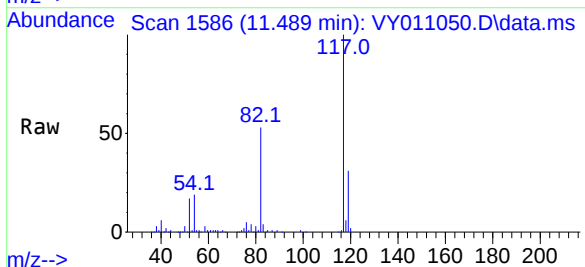
Instrument :
MSVOA_Y
ClientSampleId :
SB-K1-3.5-4.0

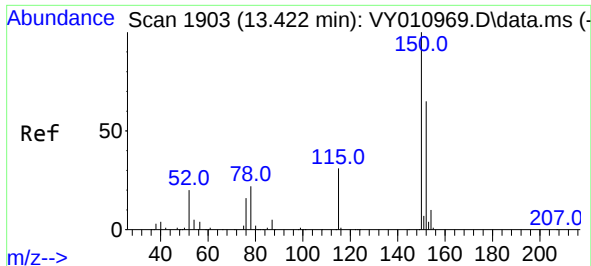
Tgt Ion: 95 Resp: 42661
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 81.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011050.D
Acq: 21 Oct 2022 15:07

Tgt Ion: 117 Resp: 108853
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 30.9 25.4 38.0

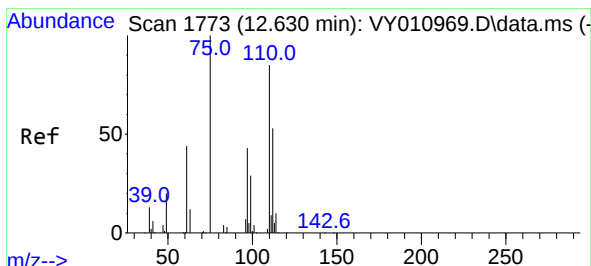
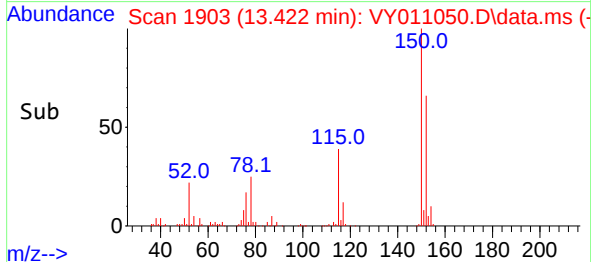
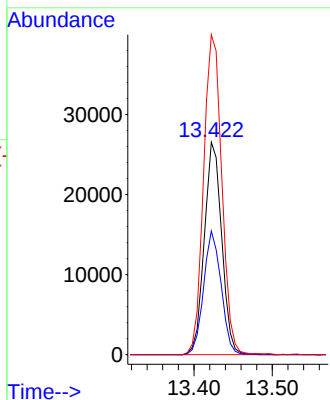
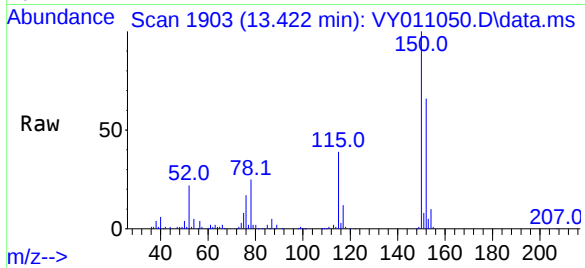




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011050.D
Acq: 21 Oct 2022 15:07

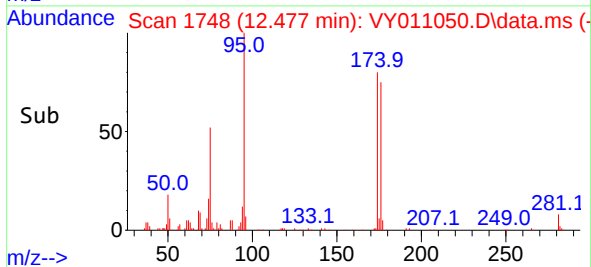
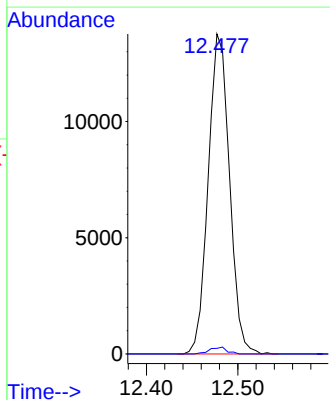
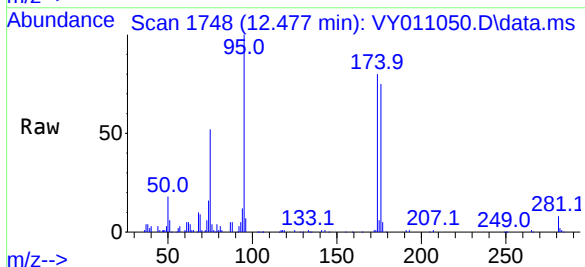
Instrument :
MSVOA_Y
ClientSampleId :
SB-K1-3.5-4.0

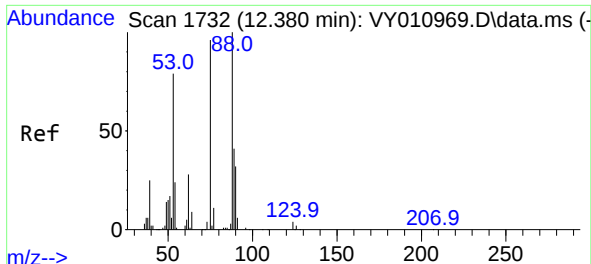
Tgt Ion:152 Resp: 40980
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 157.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 47.802 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011050.D
Acq: 21 Oct 2022 15:07

Tgt Ion: 75 Resp: 22240
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 102.808 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011050.D
Acq: 21 Oct 2022 15:07

Instrument :
MSVOA_Y
ClientSampleId :
SB-K1-3.5-4.0

Tgt Ion: 75 Resp: 22240
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

