

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
 Data File : VY011049.D
 Acq On : 21 Oct 2022 14:45
 Operator : KP/MD
 Sample : N5217-13
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-L1-3.5-4.0

Quant Time: Oct 22 01:23:16 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)

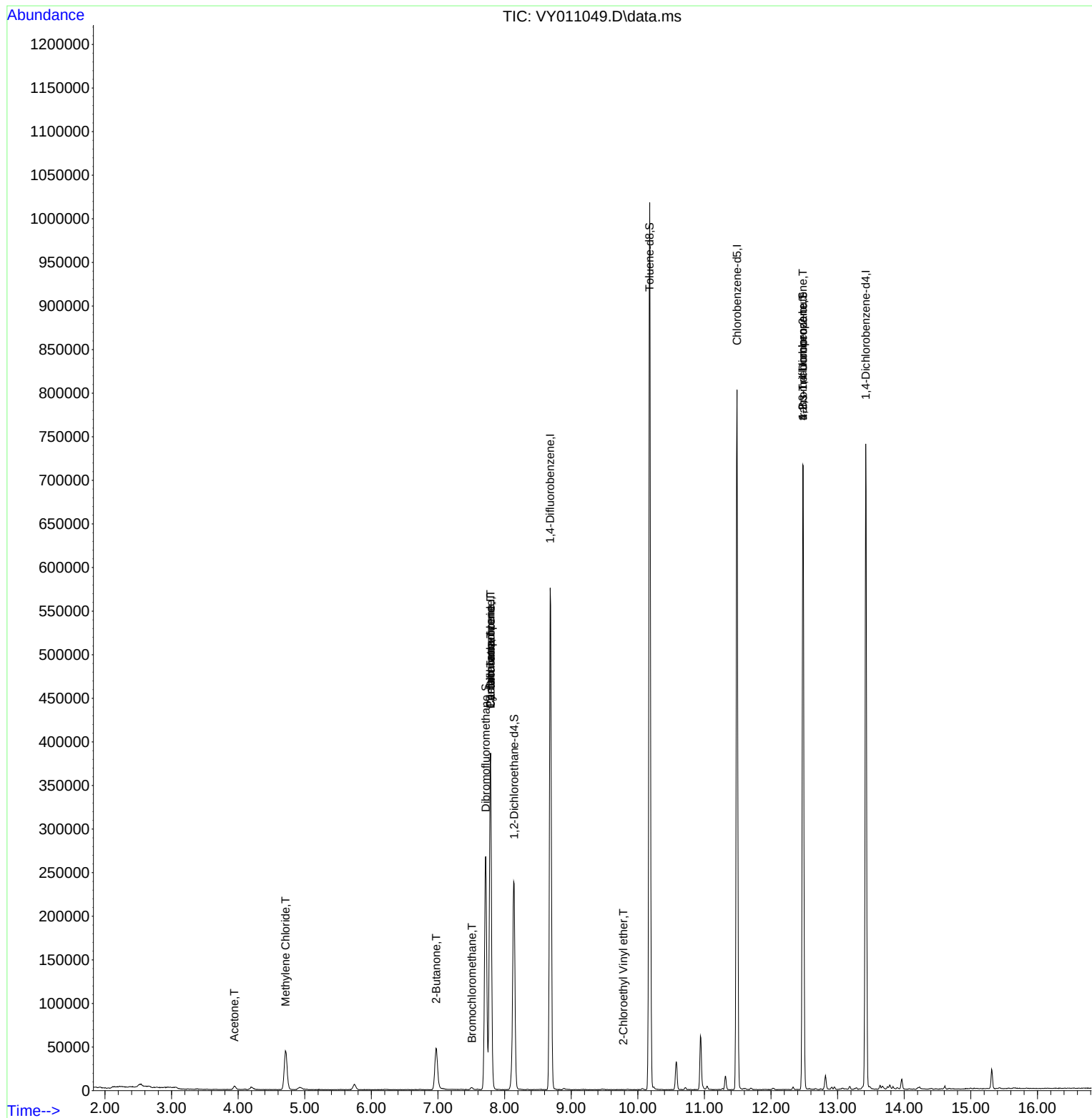
Internal Standards						
1) Pentafluorobenzene	7.789	168	300568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	504756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	438063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	191465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	184319	66.573	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.140%	
35) Dibromofluoromethane	7.716	113	192542	69.262	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 138.520%	
50) Toluene-d8	10.179	98	671316	63.696	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 127.400%	
62) 4-Bromofluorobenzene	12.477	95	224616	60.831	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 121.660%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	3686	Below Cal	#	81
16) Acetone	3.942	43	7186	8.938	ug/l #	87
18) Methyl Acetate	4.716	43	248	Below Cal	#	56
20) Methylene Chloride	4.710	84	35254	4.285	ug/l	86
25) 2-Butanone	6.972	43	3383	2.775	ug/l #	78
28) Bromochloromethane	7.508	49	147	3.586	ug/l #	16
31) Cyclohexane	7.789	56	5913	1.116	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	23261	4.950	ug/l #	50
38) Carbon Tetrachloride	7.789	117	29424	6.066	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.782	63	46	16.984	ug/l #	48
76) 1,2,3-Trichloropropane	12.477	75	112513	51.760	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	112513	111.321	ug/l #	7

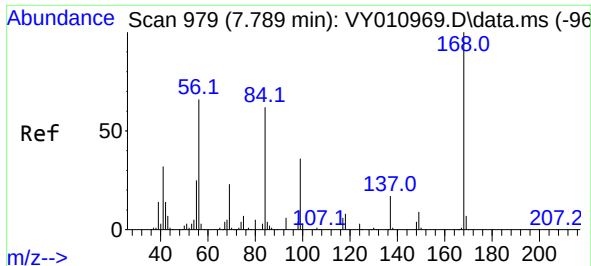
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
Data File : VY011049.D
Acq On : 21 Oct 2022 14:45
Operator : KP/MD
Sample : N5217-13
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-L1-3.5-4.0

Quant Time: Oct 22 01:23:16 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

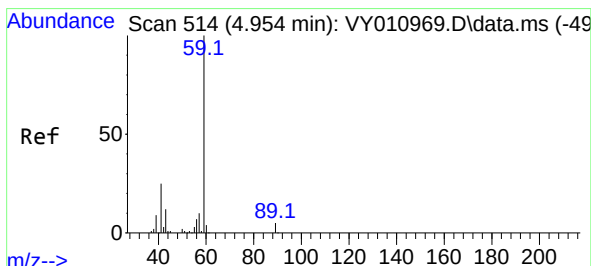
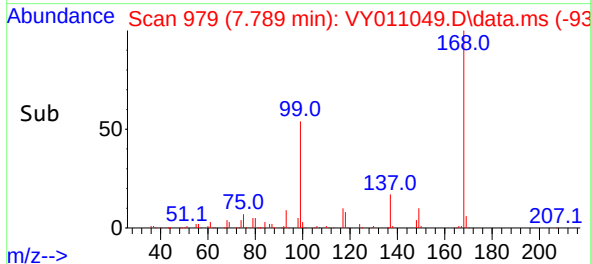
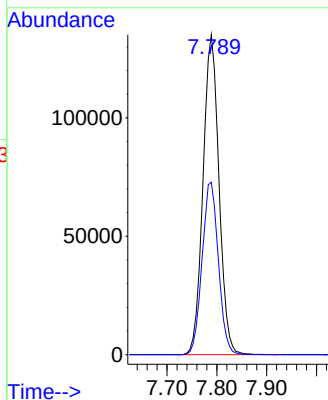
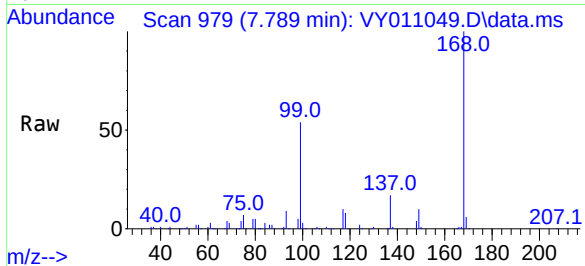




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011049.D
Acq: 21 Oct 2022 14:45

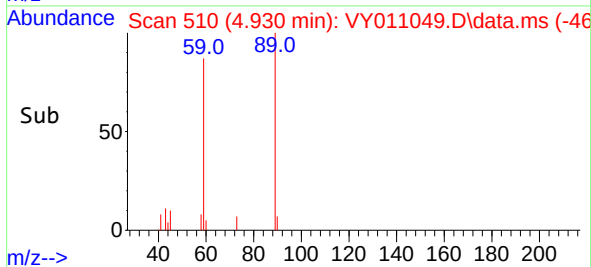
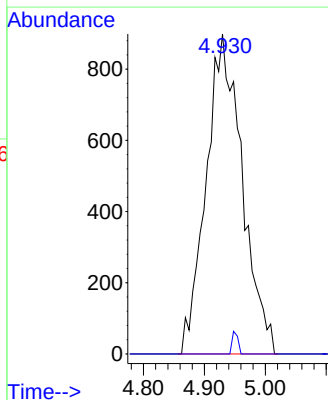
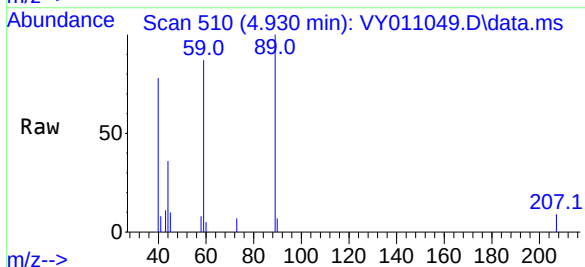
Instrument :
MSVOA_Y
ClientSampleId :
SB-L1-3.5-4.0

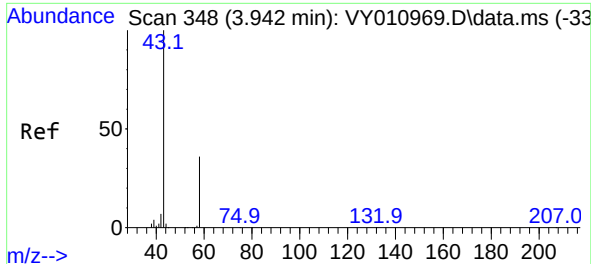
Tgt Ion:168 Resp: 300568
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY011049.D
Acq: 21 Oct 2022 14:45

Tgt Ion: 59 Resp: 3686
Ion Ratio Lower Upper
59 100
57 1.1 6.4 9.6#





#16

Acetone

Concen: 8.938 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY011049.D

Acq: 21 Oct 2022 14:45

Instrument :

MSVOA_Y

ClientSampleId :

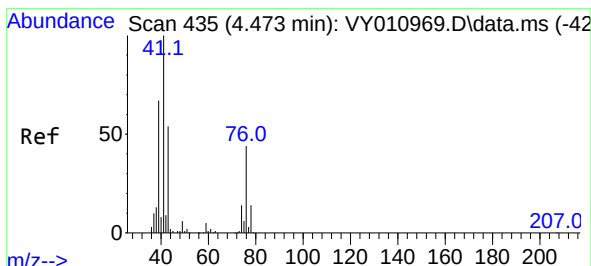
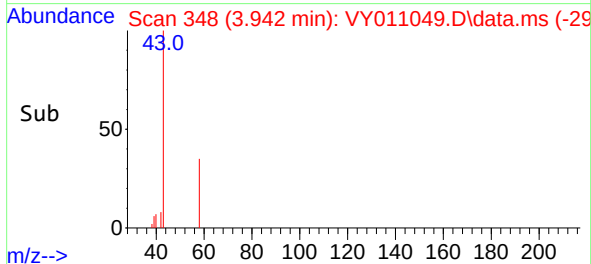
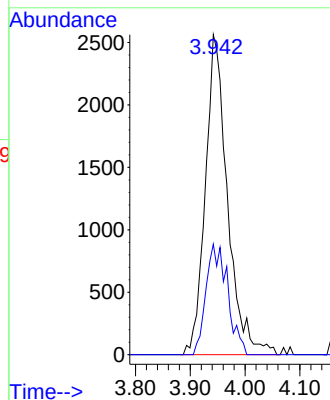
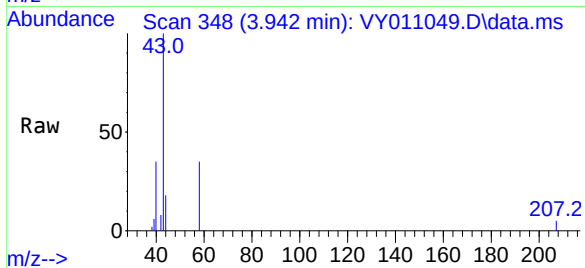
SB-L1-3.5-4.0

Tgt Ion: 43 Resp: 7186

Ion Ratio Lower Upper

43 100

58 34.5 22.0 33.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.243 min

Lab File: VY011049.D

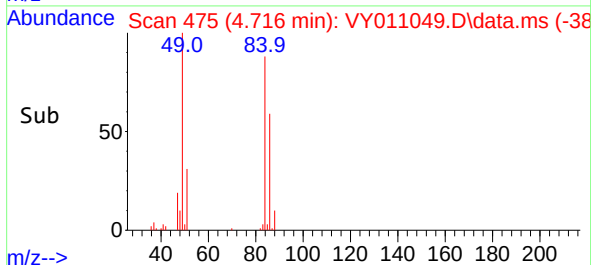
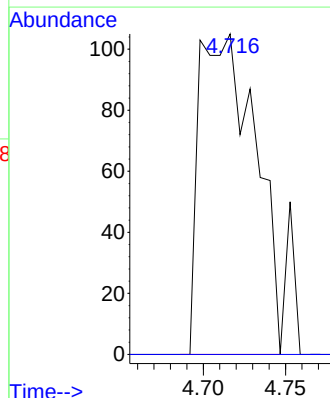
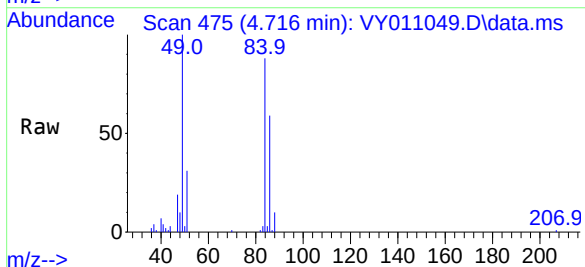
Acq: 21 Oct 2022 14:45

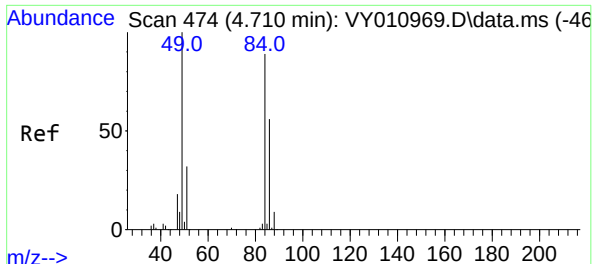
Tgt Ion: 43 Resp: 248

Ion Ratio Lower Upper

43 100

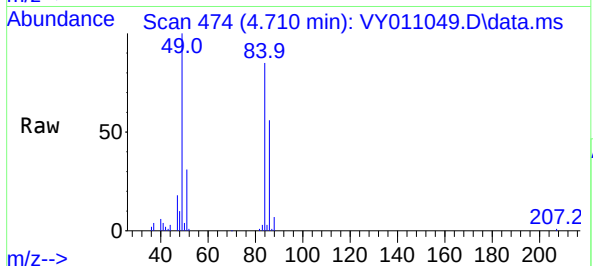
74 0.0 16.6 24.8#





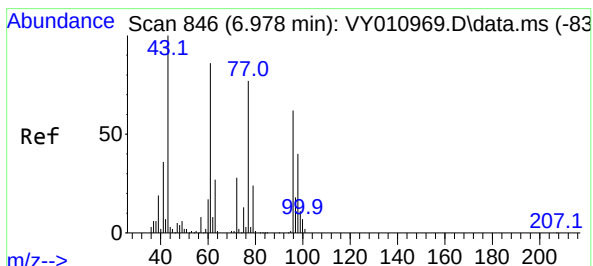
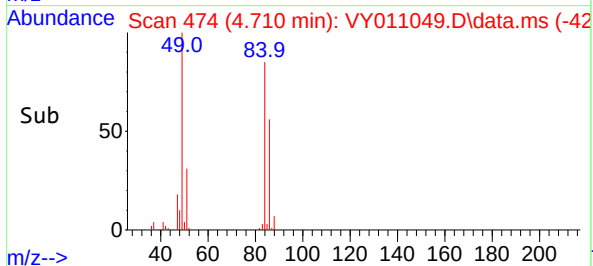
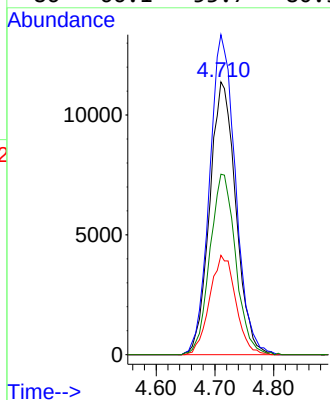
#20
Methylene Chloride
Concen: 4.285 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011049.D
Acq: 21 Oct 2022 14:45

Instrument :
MSVOA_Y
ClientSampleId :
SB-L1-3.5-4.0



Tgt Ion: 84 Resp: 35254

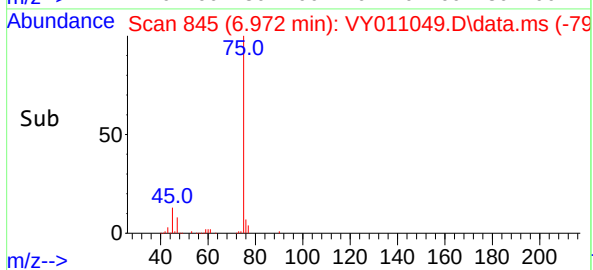
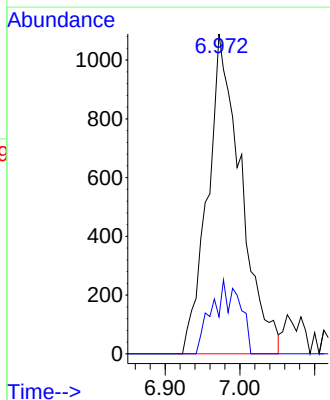
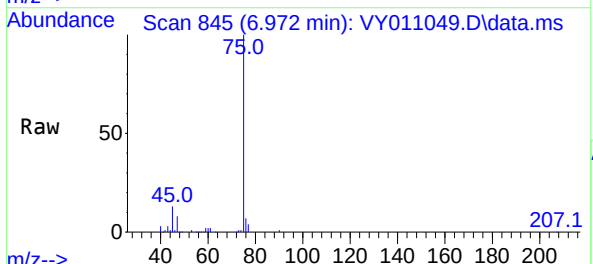
Ion	Ratio	Lower	Upper
84	100		
49	117.3	114.4	171.6
51	36.4	35.3	52.9
86	66.1	53.7	80.5

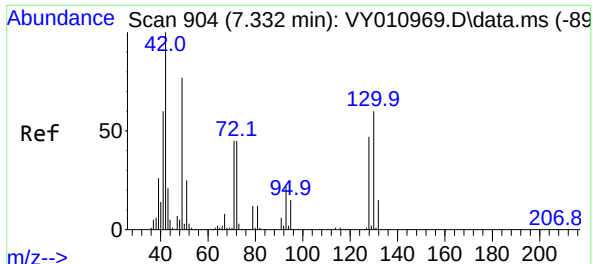


#25
2-Butanone
Concen: 2.775 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011049.D
Acq: 21 Oct 2022 14:45

Tgt Ion: 43 Resp: 3383

Ion	Ratio	Lower	Upper
43	100		
72	11.6	17.7	26.5#





#28

Bromochloromethane

Concen: 3.586 ug/l

RT: 7.508 min Scan# 91

Delta R.T. 0.176 min

Lab File: VY011049.D

Acq: 21 Oct 2022 14:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-L1-3.5-4.0

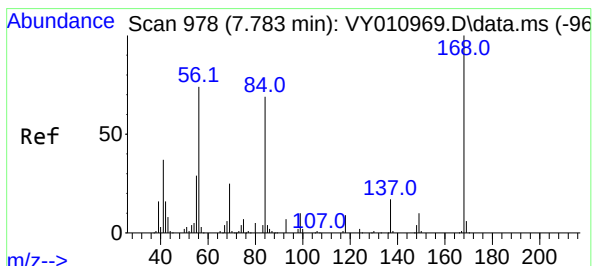
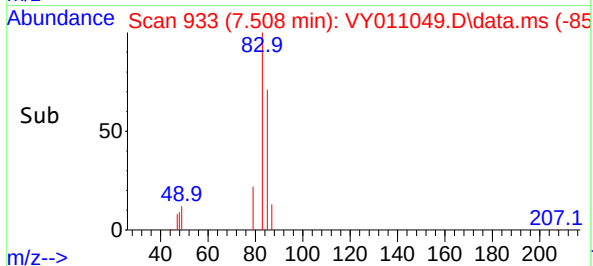
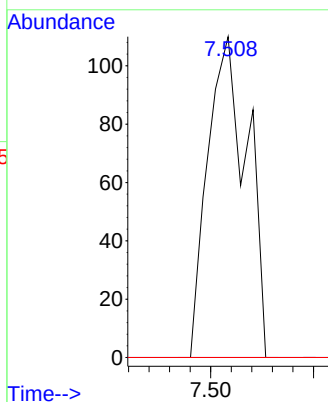
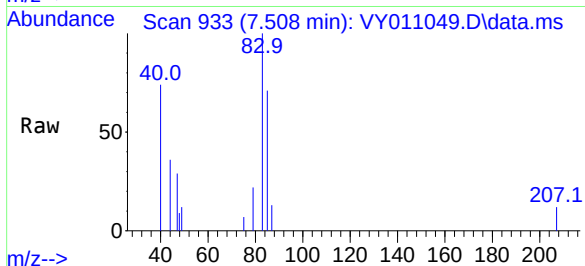
Tgt Ion: 49 Resp: 147

Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.2

130 0.0 55.4 83.0#



#31

Cyclohexane

Concen: 1.116 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY011049.D

Acq: 21 Oct 2022 14:45

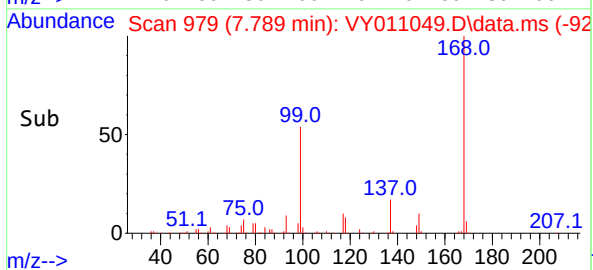
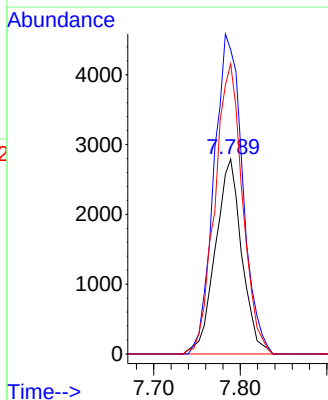
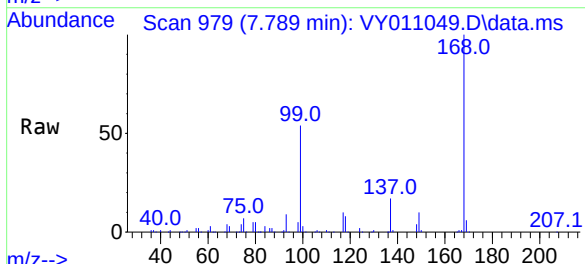
Tgt Ion: 56 Resp: 5913

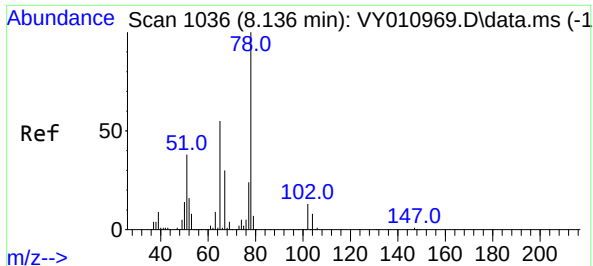
Ion Ratio Lower Upper

56 100

69 156.3 26.7 40.1#

84 149.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 66.573 ug/l

RT: 8.142 min Scan# 11037

Delta R.T. 0.006 min

Lab File: VY011049.D

Acq: 21 Oct 2022 14:45

Instrument :

MSVOA_Y

ClientSampleId :

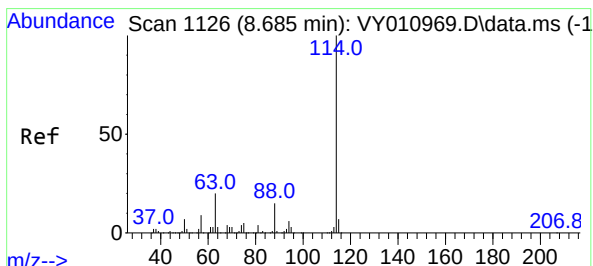
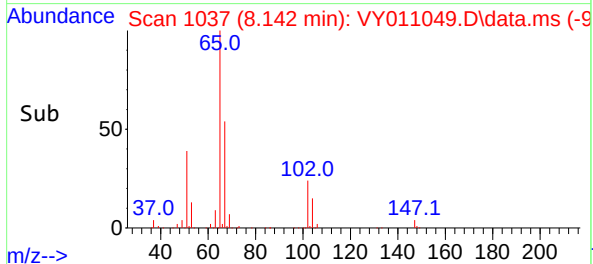
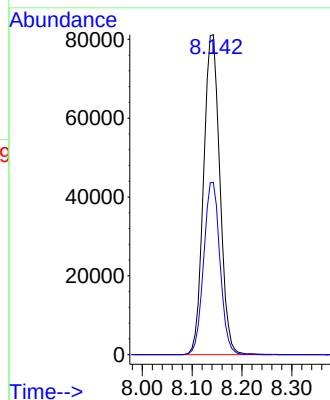
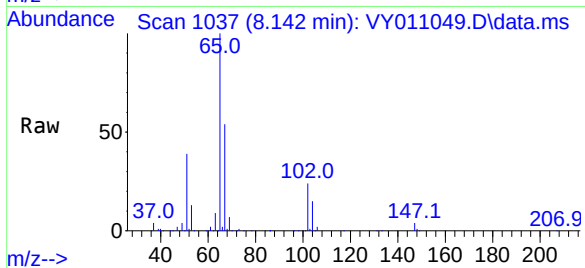
SB-L1-3.5-4.0

Tgt Ion: 65 Resp: 184319

Ion Ratio Lower Upper

65 100

67 54.0 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: VY011049.D

Acq: 21 Oct 2022 14:45

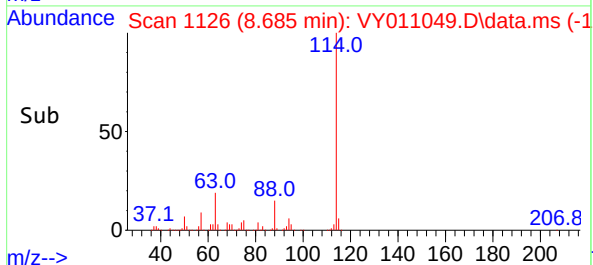
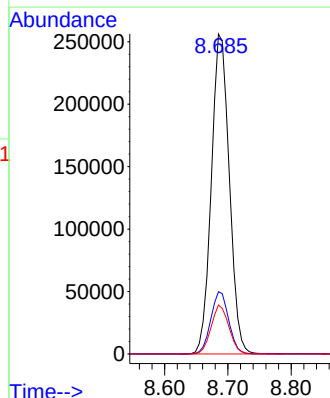
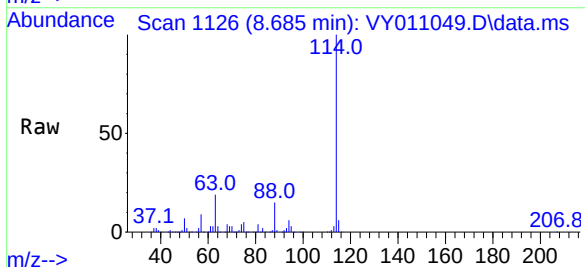
Tgt Ion: 114 Resp: 504756

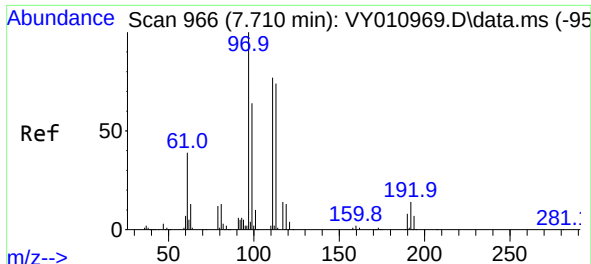
Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.3 0.0 31.8

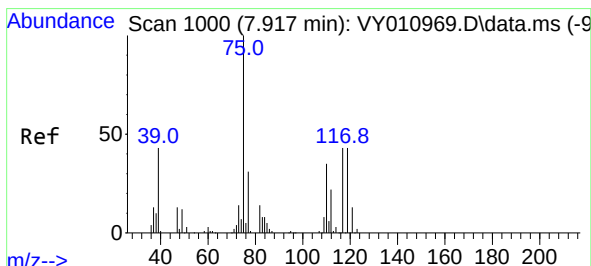
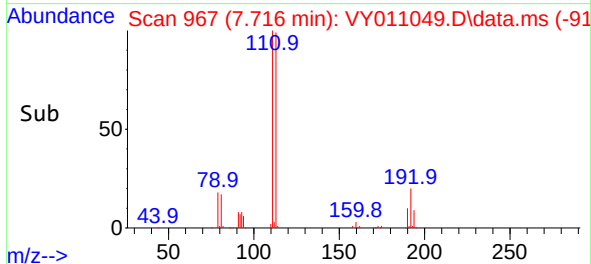
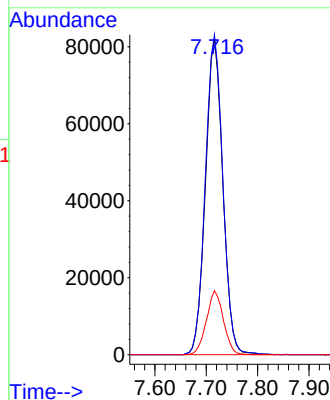
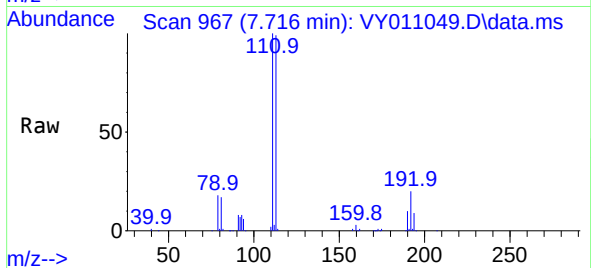




#35
Dibromofluoromethane
Concen: 69.262 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011049.D
Acq: 21 Oct 2022 14:45

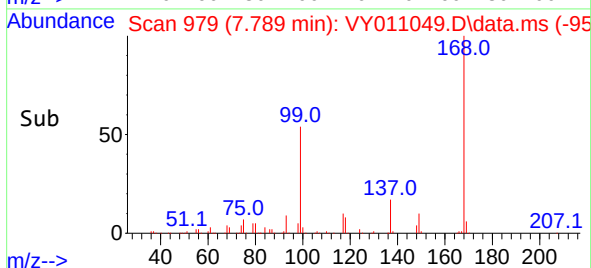
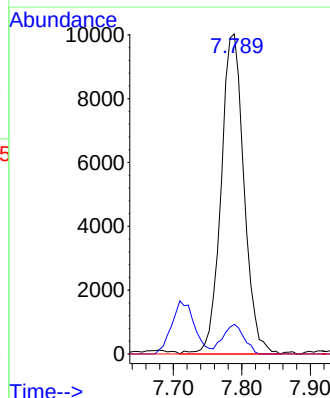
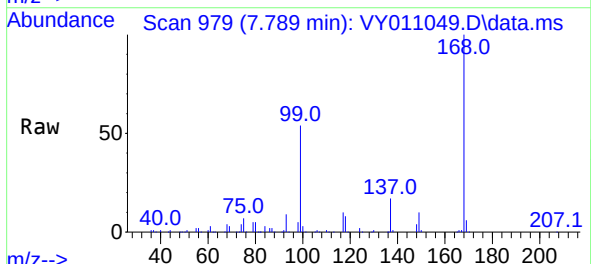
Instrument :
MSVOA_Y
ClientSampleId :
SB-L1-3.5-4.0

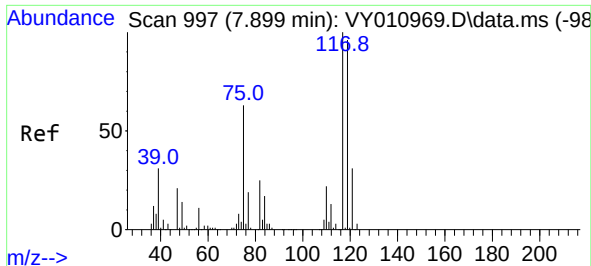
Tgt Ion:113 Resp: 192542
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 19.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.950 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011049.D
Acq: 21 Oct 2022 14:45

Tgt Ion: 75 Resp: 23261
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 24.4 36.6#

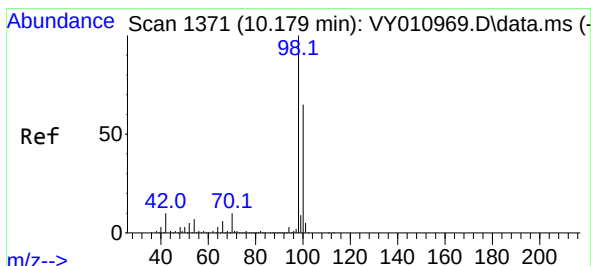
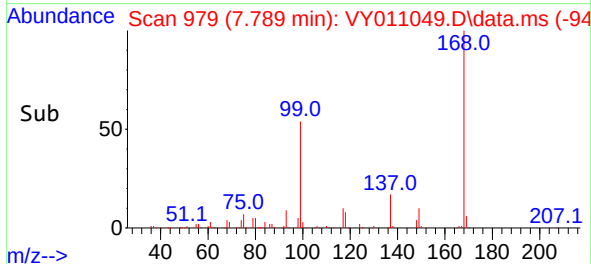
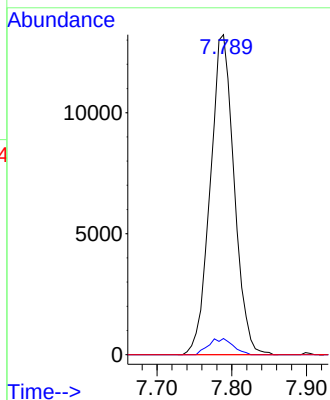
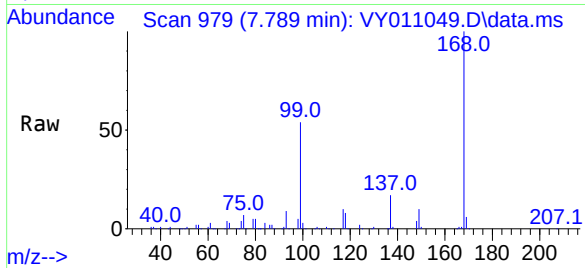




#38
Carbon Tetrachloride
Concen: 6.066 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011049.D
Acq: 21 Oct 2022 14:45

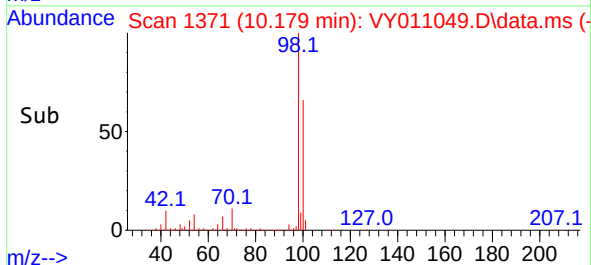
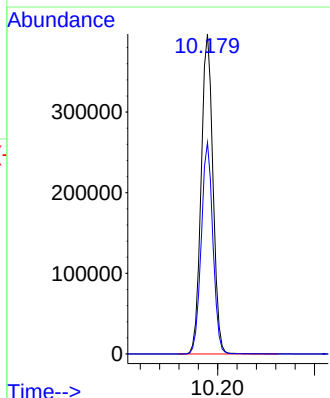
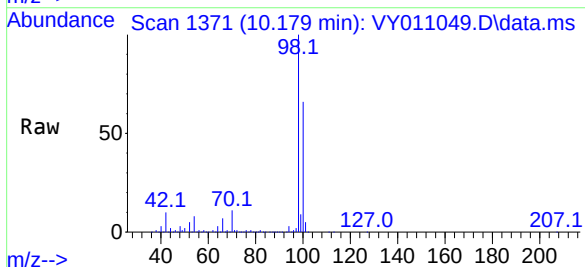
Instrument :
MSVOA_Y
ClientSampleId :
SB-L1-3.5-4.0

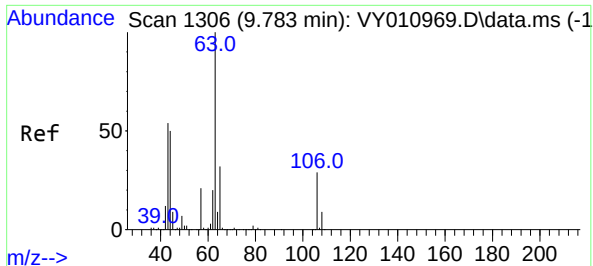
Tgt Ion:117 Resp: 29424
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 63.696 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011049.D
Acq: 21 Oct 2022 14:45

Tgt Ion: 98 Resp: 671316
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2





#58

2-Chloroethyl Vinyl ether

Concen: 16.984 ug/l

RT: 9.782 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY011049.D

Acq: 21 Oct 2022 14:45

Instrument :

MSVOA_Y

ClientSampleId :

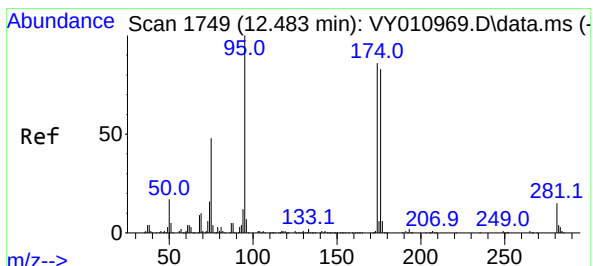
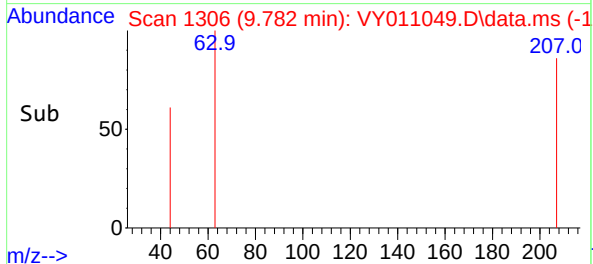
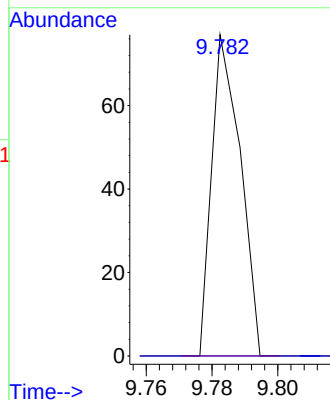
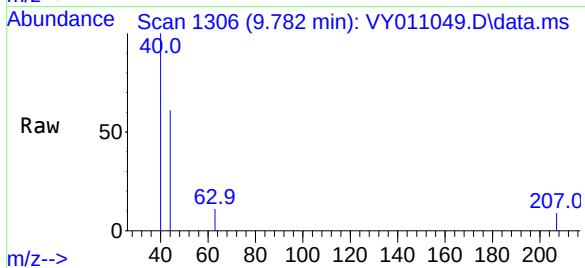
SB-L1-3.5-4.0

Tgt Ion: 63 Resp: 46

Ion Ratio Lower Upper

63 100

106 0.0 21.5 32.3#



#62

4-Bromofluorobenzene

Concen: 60.831 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011049.D

Acq: 21 Oct 2022 14:45

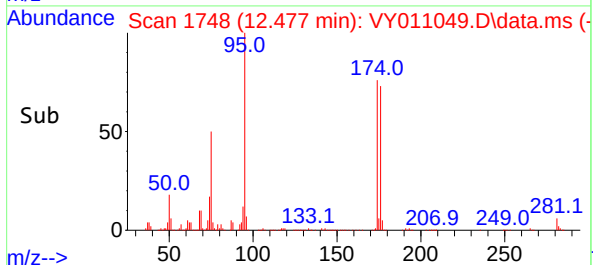
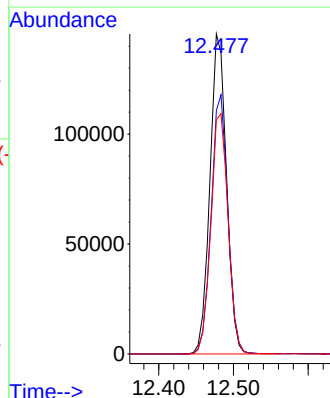
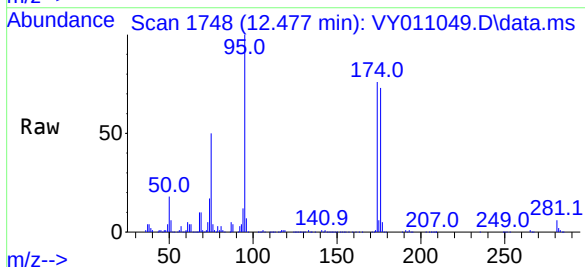
Tgt Ion: 95 Resp: 224616

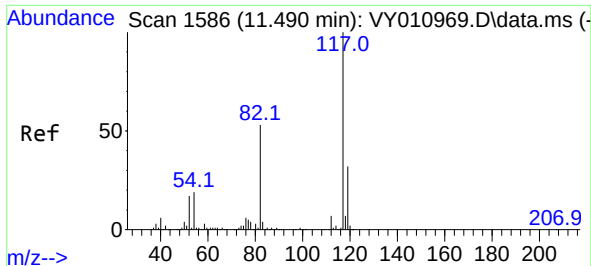
Ion Ratio Lower Upper

95 100

174 81.7 0.0 177.0

176 77.7 0.0 175.8

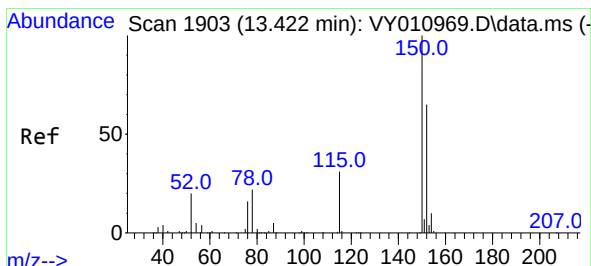
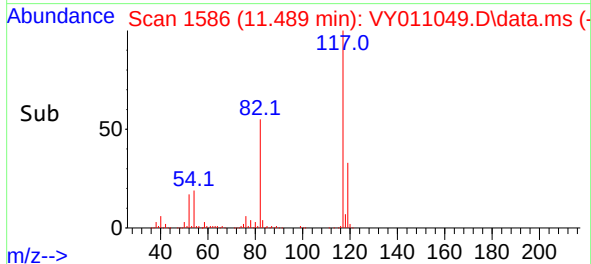
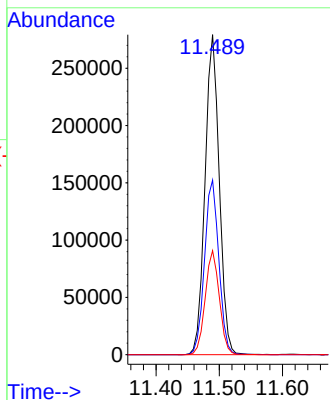
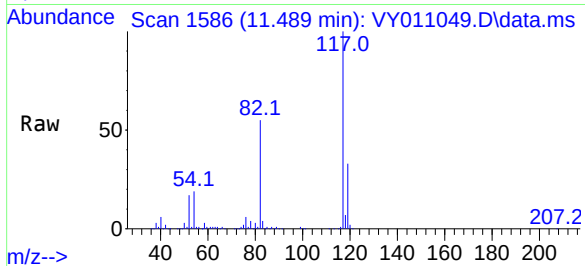




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011049.D
Acq: 21 Oct 2022 14:45

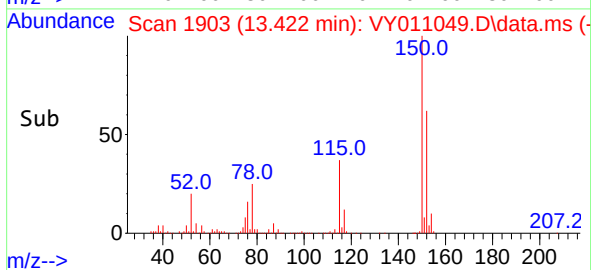
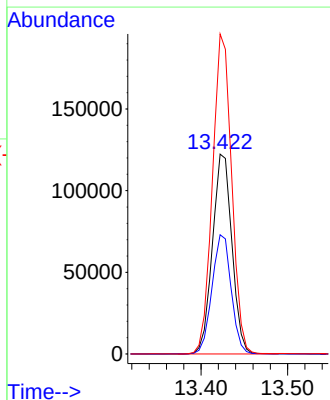
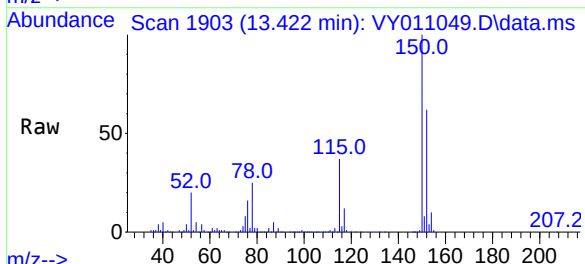
Instrument :
MSVOA_Y
ClientSampleId :
SB-L1-3.5-4.0

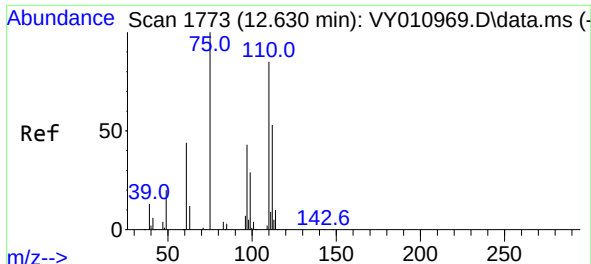
Tgt Ion:117 Resp: 438063
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011049.D
Acq: 21 Oct 2022 14:45

Tgt Ion:152 Resp: 191465
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 157.2 0.0 347.6

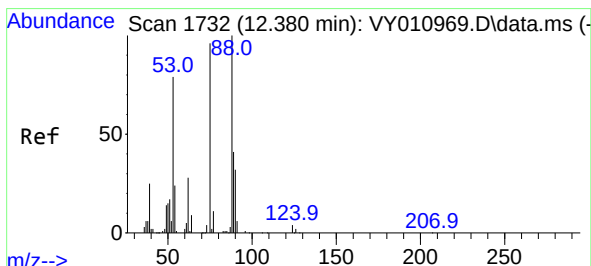
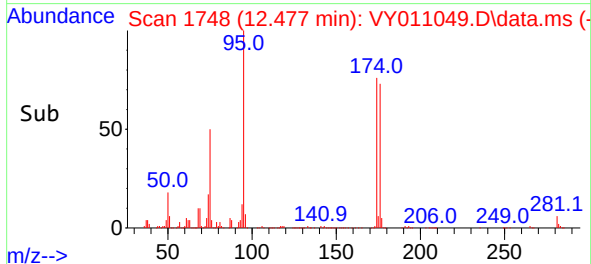
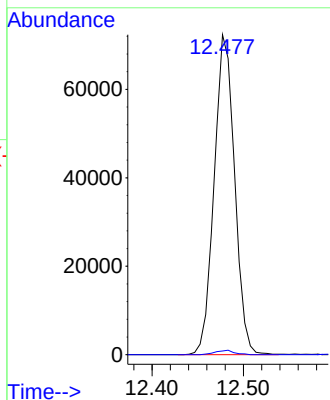
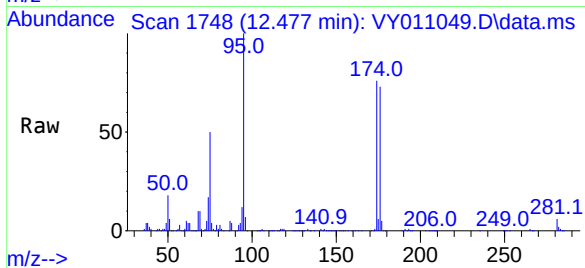




#76
1,2,3-Trichloropropane
Concen: 51.760 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011049.D
Acq: 21 Oct 2022 14:45

Instrument :
MSVOA_Y
ClientSampleId :
SB-L1-3.5-4.0

Tgt Ion: 75 Resp: 112513
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.321 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011049.D
Acq: 21 Oct 2022 14:45

Tgt Ion: 75 Resp: 112513
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#

