

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
 Data File : VY011979.D
 Acq On : 22 Dec 2022 16:58
 Operator : KP/MD
 Sample : N6180-10
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRIP-BLANK

Quant Time: Dec 23 04:33:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	226836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	405539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	407625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	188256	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	138839	60.752	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.500%
35) Dibromofluoromethane	7.716	113	123971	50.777	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.560%
50) Toluene-d8	10.179	98	507840	51.268	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.540%
62) 4-Bromofluorobenzene	12.477	95	182882	54.896	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.800%

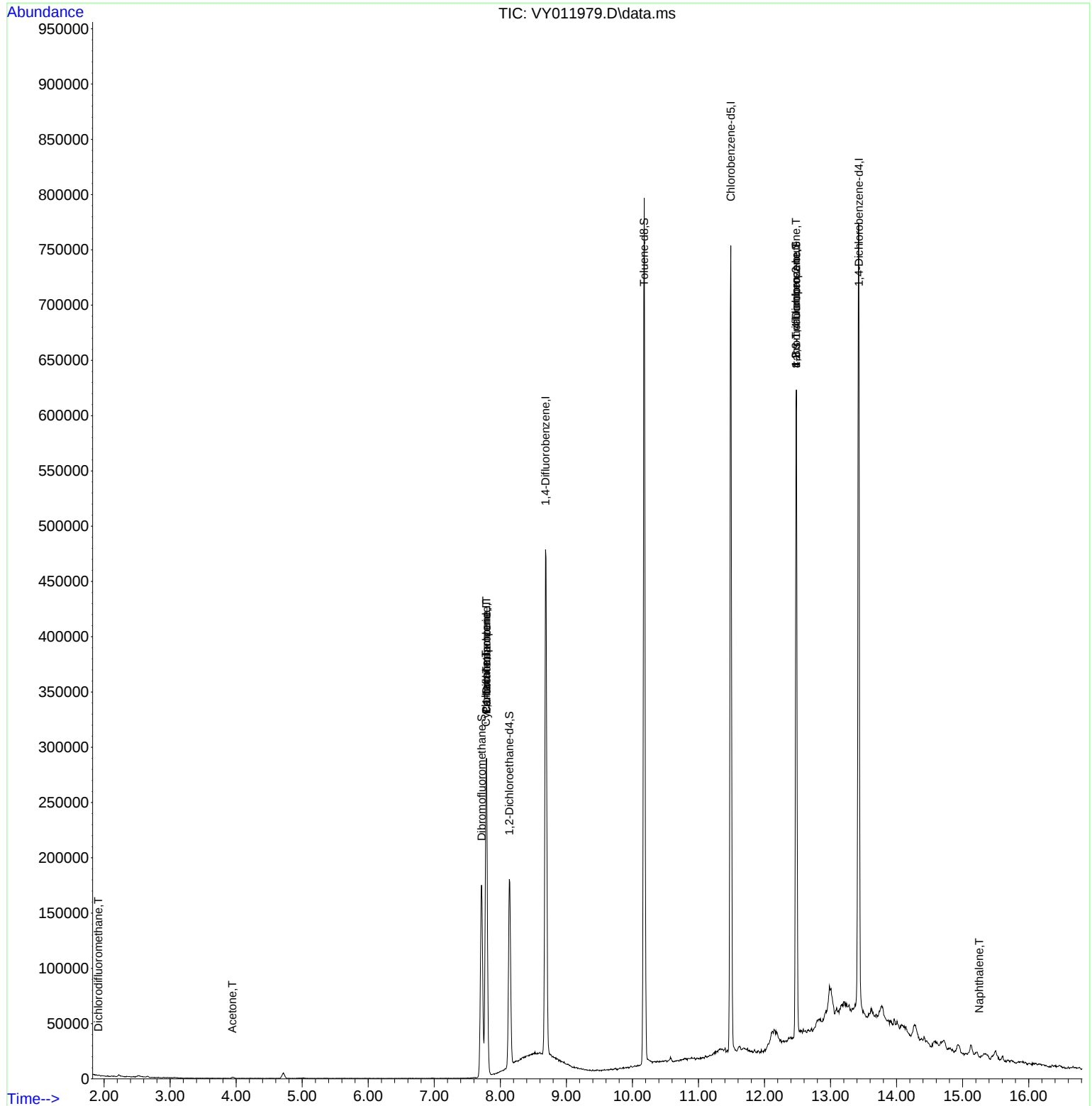
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	71	2.505	ug/l	# 41
11) Tert butyl alcohol	4.942	59	309	Below Cal		# 74
16) Acetone	3.942	43	2015	7.770	ug/l	97
20) Methylene Chloride	4.716	84	3814	Below Cal		88
31) Cyclohexane	7.783	56	4494	1.168	ug/l	# 22
36) 1,1-Dichloropropene	7.789	75	16022	4.091	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	22470	4.968	ug/l	# 17
76) 1,2,3-Trichloropropane	12.477	75	93502	39.915	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	93502	109.307	ug/l	# 13
95) Naphthalene	15.251	128	549	2.853	ug/l	# 76

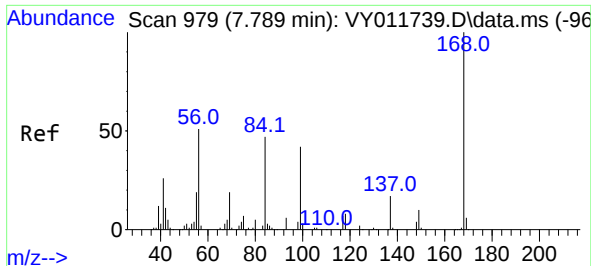
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
Data File : VY011979.D
Acq On : 22 Dec 2022 16:58
Operator : KP/MD
Sample : N6180-10
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

Quant Time: Dec 23 04:33:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration

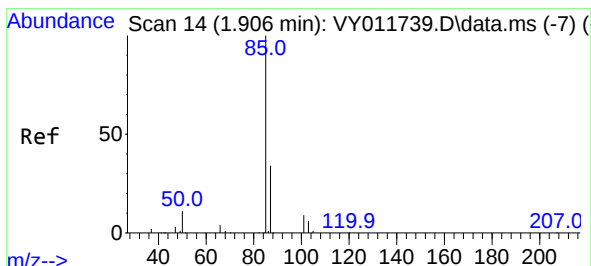
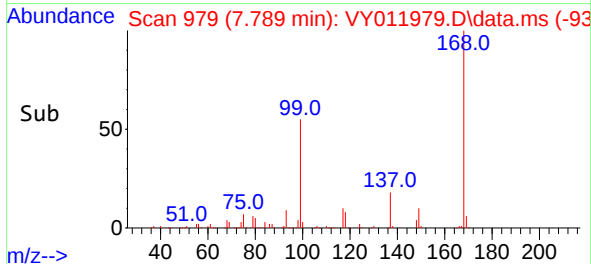
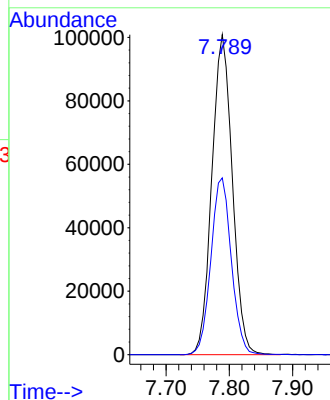
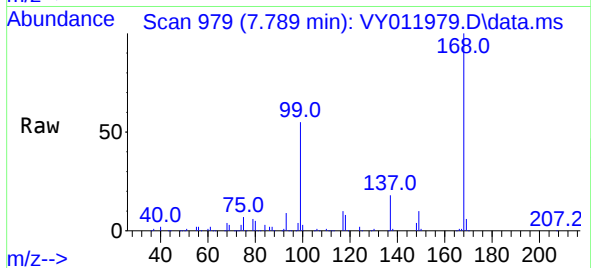




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011979.D
Acq: 22 Dec 2022 16:58

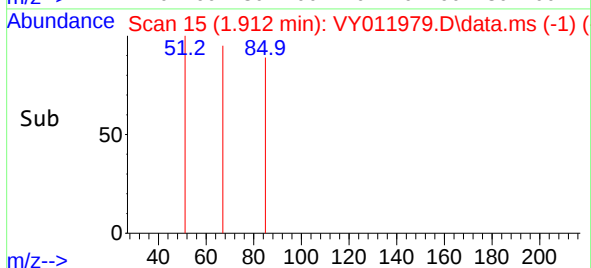
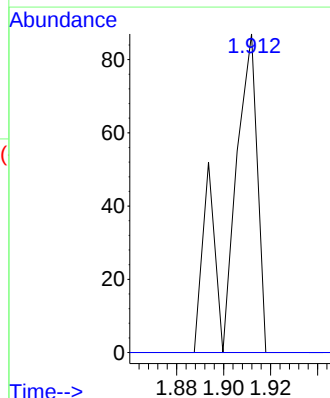
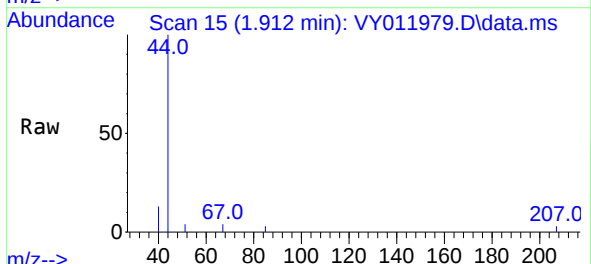
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

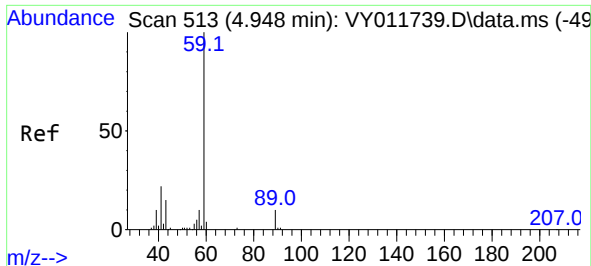
Tgt Ion:168 Resp: 226836
Ion Ratio Lower Upper
168 100
99 55.3 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 2.505 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY011979.D
Acq: 22 Dec 2022 16:58

Tgt Ion: 85 Resp: 71
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#

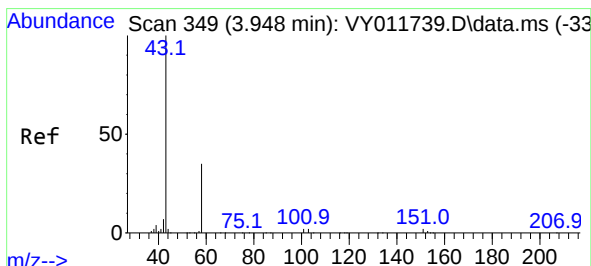
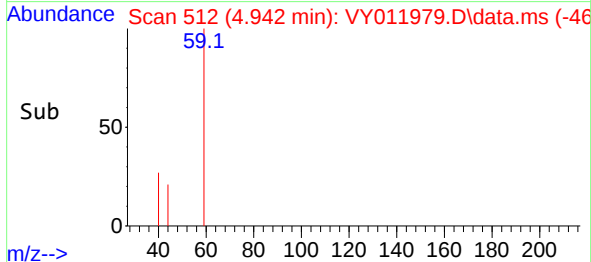
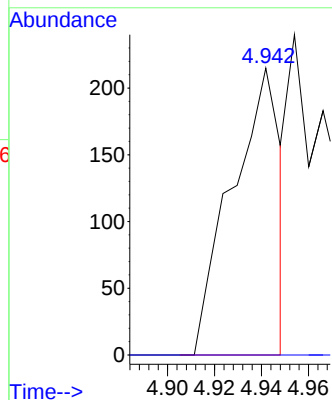
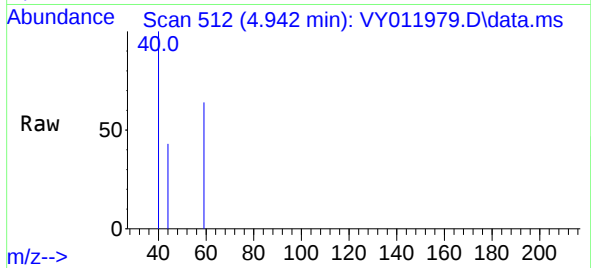




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY011979.D
Acq: 22 Dec 2022 16:58

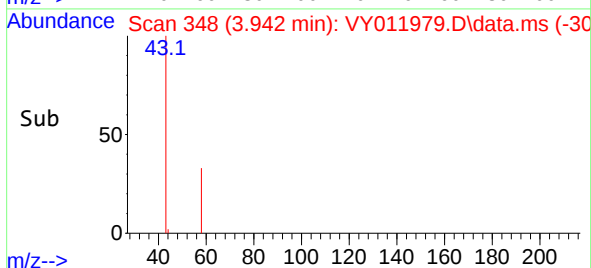
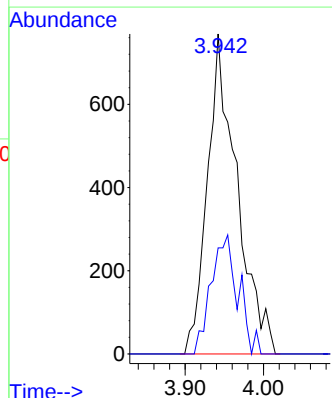
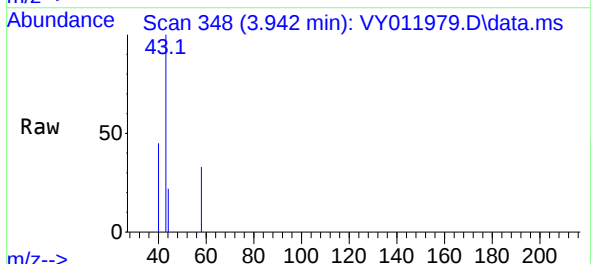
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

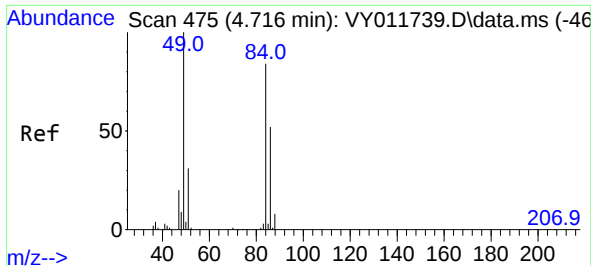
Tgt Ion: 59 Resp: 309
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 7.770 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011979.D
Acq: 22 Dec 2022 16:58

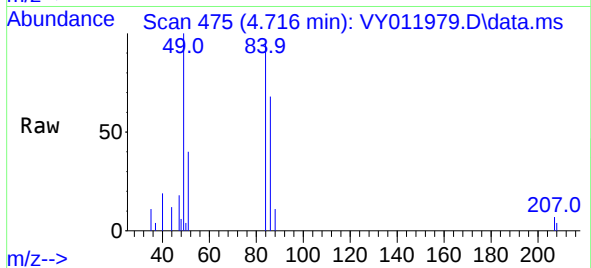
Tgt Ion: 43 Resp: 2015
Ion Ratio Lower Upper
43 100
58 33.2 27.9 41.9





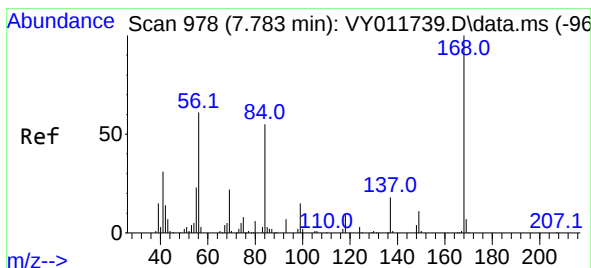
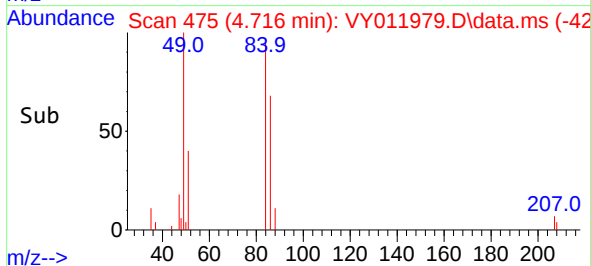
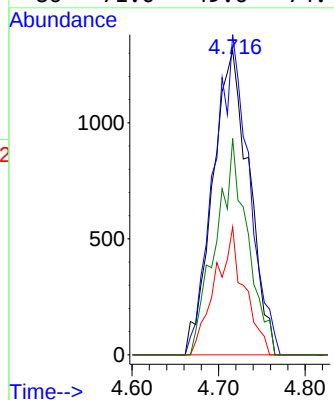
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011979.D
Acq: 22 Dec 2022 16:58

Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK



Tgt Ion: 84 Resp: 3814

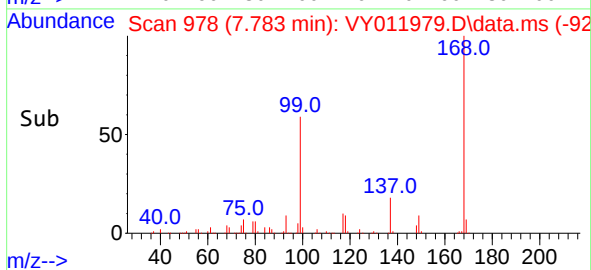
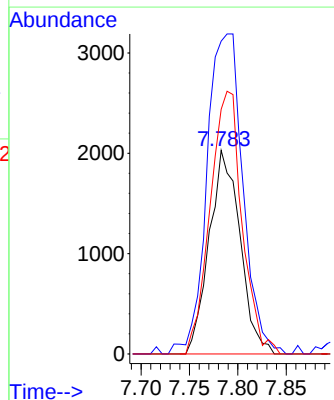
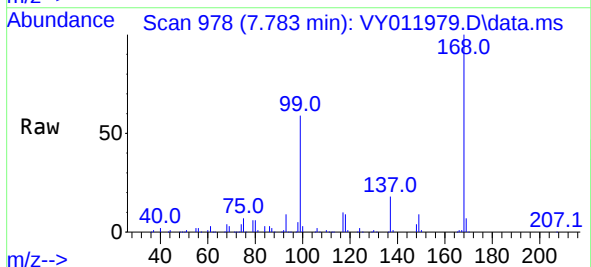
Ion	Ratio	Lower	Upper
84	100		
49	105.2	95.4	143.2
51	42.0	29.9	44.9
86	71.0	49.6	74.4

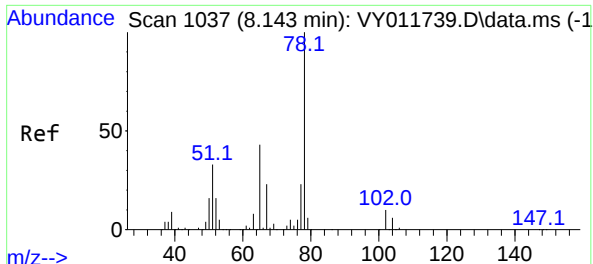


#31
Cyclohexane
Concen: 1.168 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY011979.D
Acq: 22 Dec 2022 16:58

Tgt Ion: 56 Resp: 4494

Ion	Ratio	Lower	Upper
56	100		
69	150.6	29.2	43.8#
84	120.2	72.6	108.8#





#33

1,2-Dichloroethane-d4

Concen: 60.752 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY011979.D

Acq: 22 Dec 2022 16:58

Instrument :

MSVOA_Y

ClientSampleId :

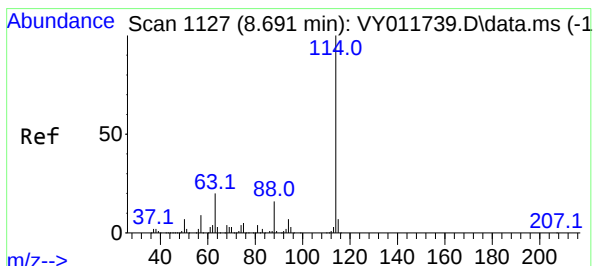
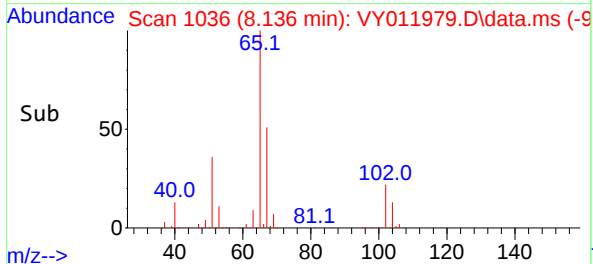
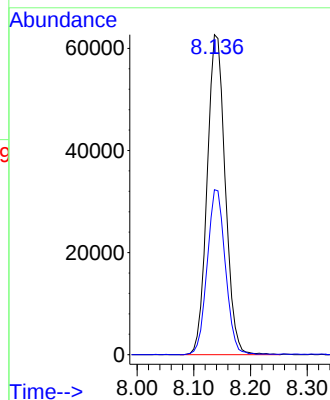
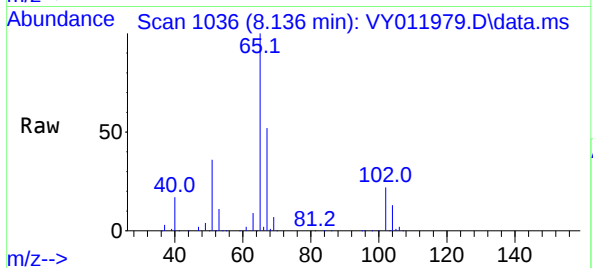
TRIP-BLANK

Tgt Ion: 65 Resp: 138839

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY011979.D

Acq: 22 Dec 2022 16:58

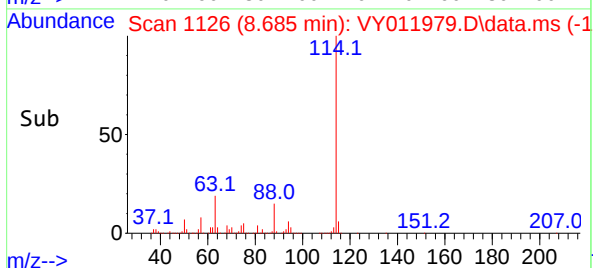
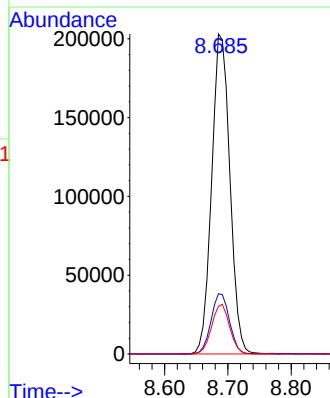
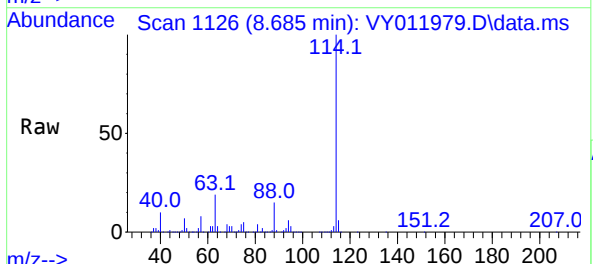
Tgt Ion:114 Resp: 405539

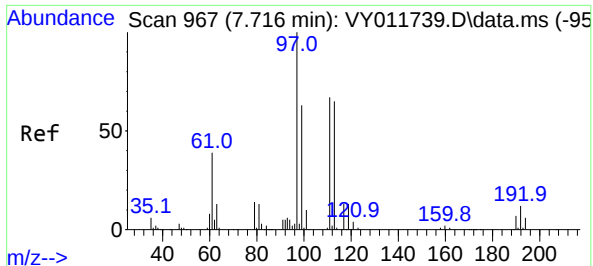
Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

88 14.9 0.0 32.2

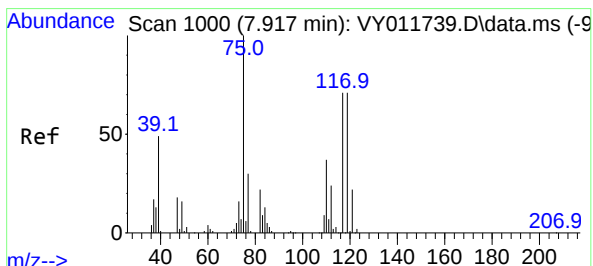
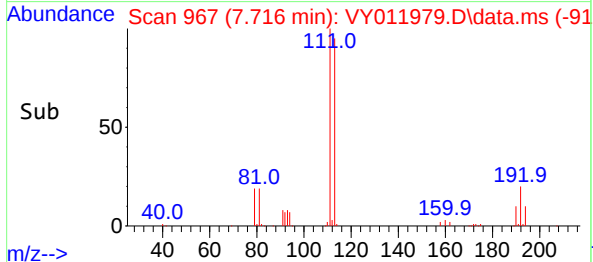
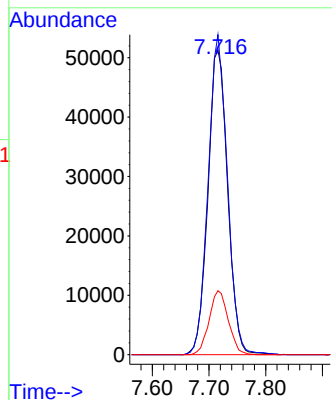
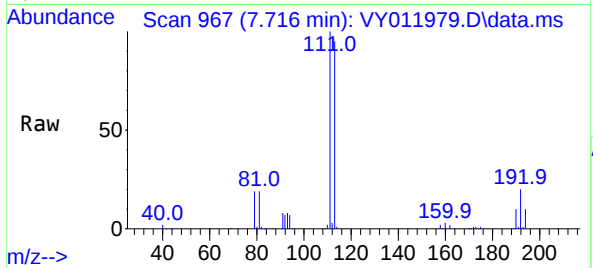




#35
Dibromofluoromethane
Concen: 50.777 ug/l
RT: 7.716 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY011979.D
Acq: 22 Dec 2022 16:58

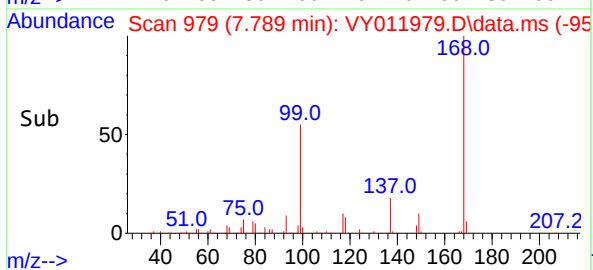
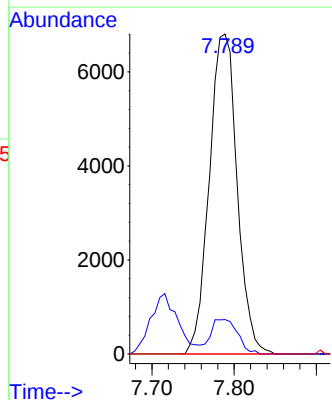
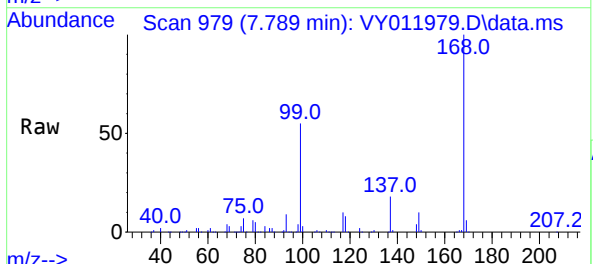
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

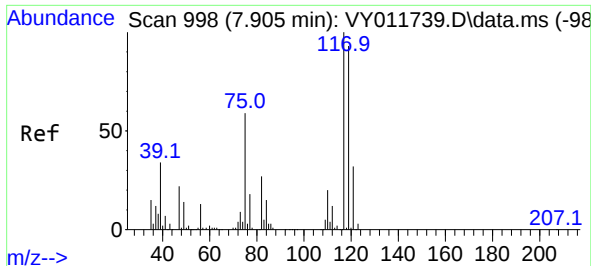
Tgt Ion:113 Resp: 123971
Ion Ratio Lower Upper
113 100
111 102.5 83.0 124.4
192 20.4 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.091 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011979.D
Acq: 22 Dec 2022 16:58

Tgt Ion: 75 Resp: 16022
Ion Ratio Lower Upper
75 100
110 10.5 18.1 54.1#
77 0.0 25.1 37.7#

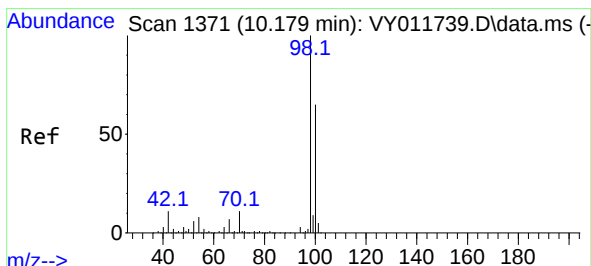
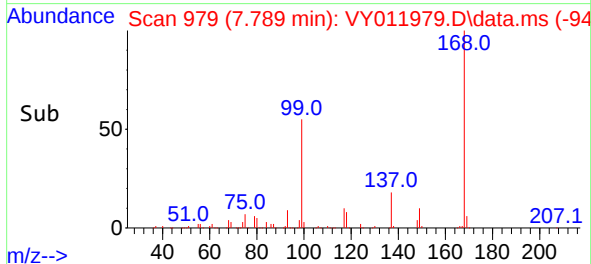
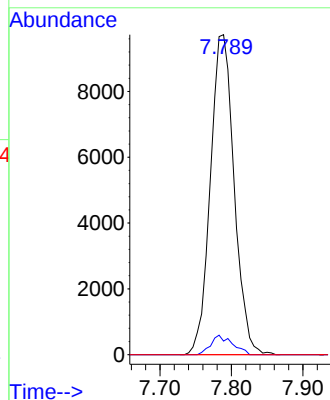
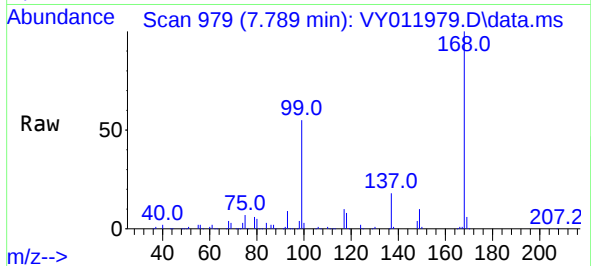




#38
Carbon Tetrachloride
Concen: 4.968 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011979.D
Acq: 22 Dec 2022 16:58

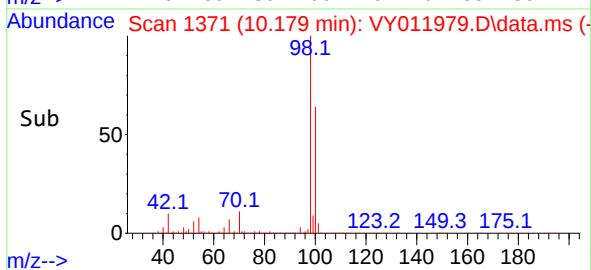
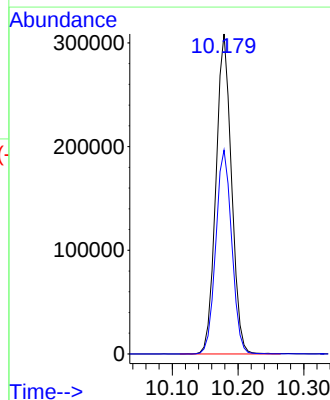
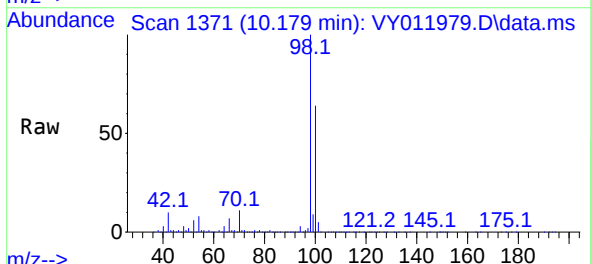
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

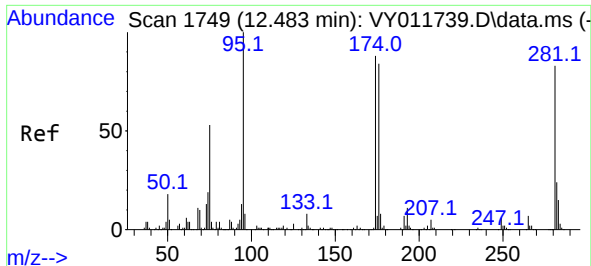
Tgt Ion:117 Resp: 22470
Ion Ratio Lower Upper
117 100
119 4.2 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 51.268 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011979.D
Acq: 22 Dec 2022 16:58

Tgt Ion: 98 Resp: 507840
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

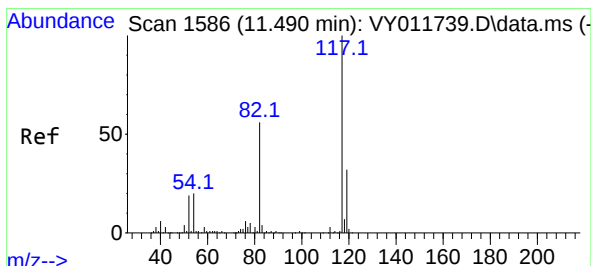
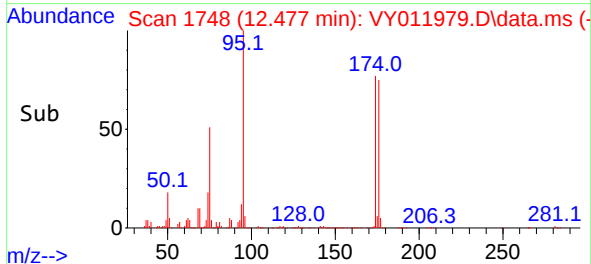
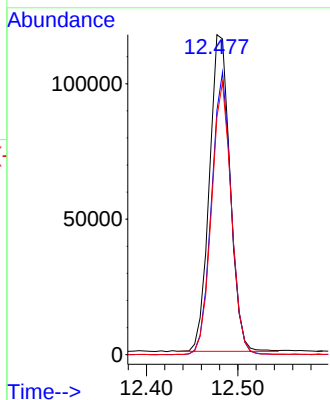
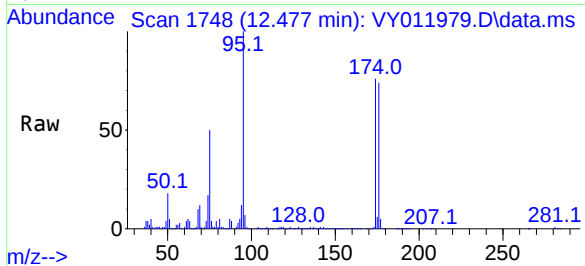




#62
4-Bromofluorobenzene
Concen: 54.896 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011979.D
Acq: 22 Dec 2022 16:58

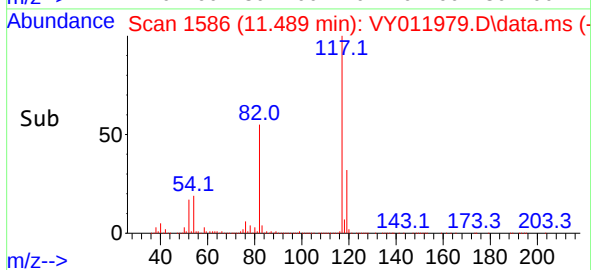
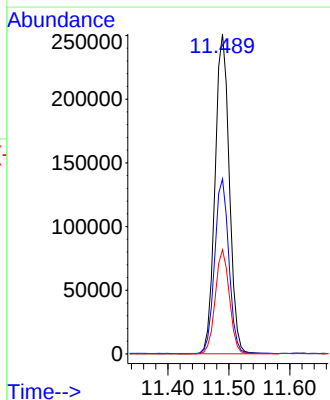
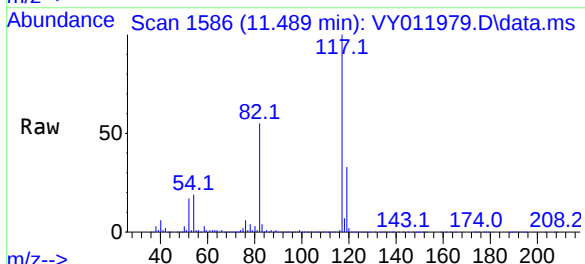
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

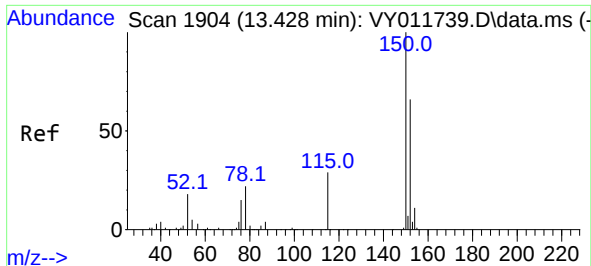
Tgt Ion: 95 Resp: 182882
Ion Ratio Lower Upper
95 100
174 85.3 0.0 172.0
176 82.6 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011979.D
Acq: 22 Dec 2022 16:58

Tgt Ion: 117 Resp: 407625
Ion Ratio Lower Upper
117 100
82 54.6 44.8 67.2
119 32.5 25.4 38.2

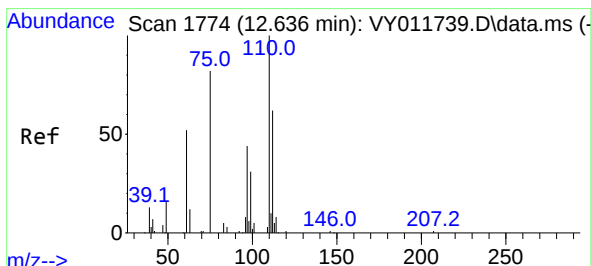
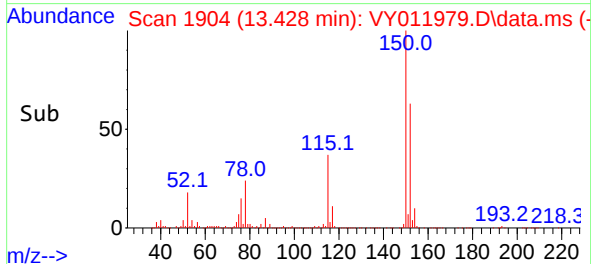
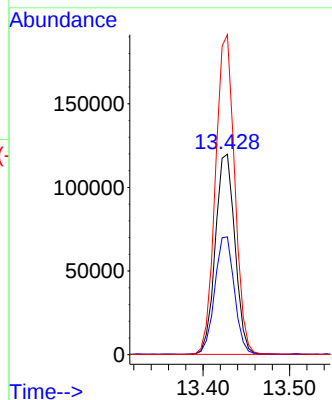
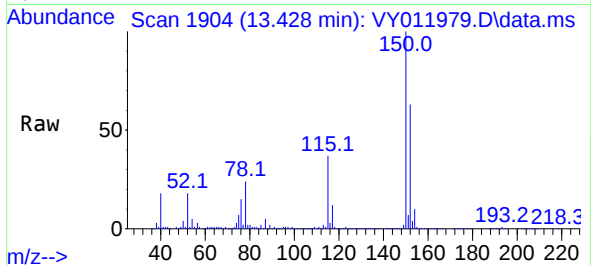




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011979.D
Acq: 22 Dec 2022 16:58

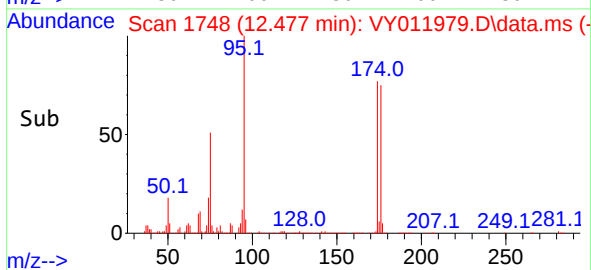
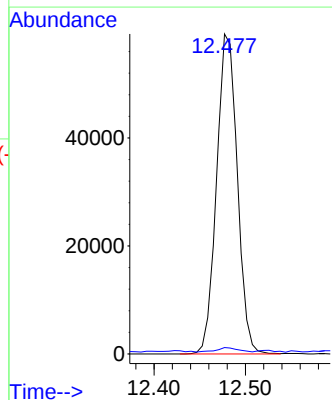
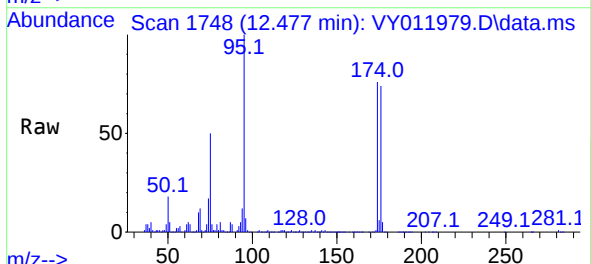
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

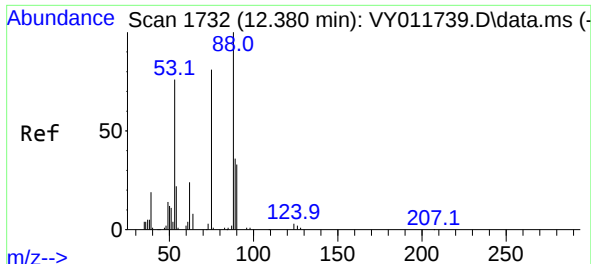
Tgt Ion:152 Resp: 188256
Ion Ratio Lower Upper
152 100
115 58.8 29.1 87.3
150 157.3 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 39.915 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY011979.D
Acq: 22 Dec 2022 16:58

Tgt Ion: 75 Resp: 93502
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

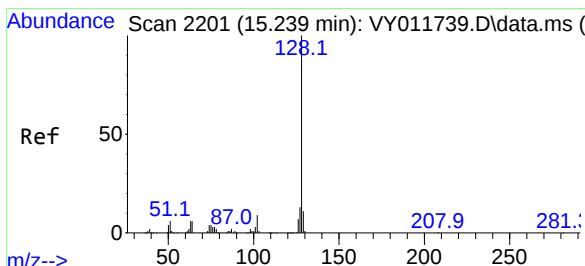
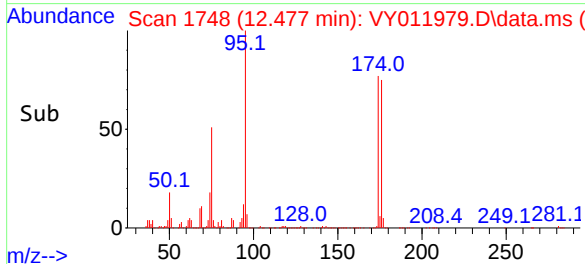
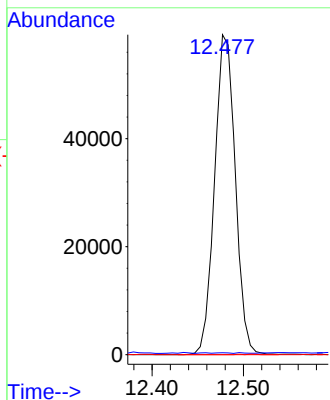
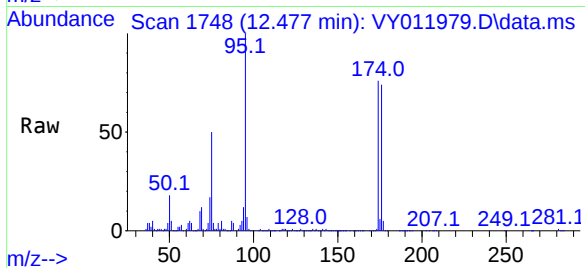




#81
trans-1,4-Dichloro-2-butene
Concen: 109.307 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011979.D
Acq: 22 Dec 2022 16:58

Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 93502
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 2.853 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.012 min
Lab File: VY011979.D
Acq: 22 Dec 2022 16:58

Tgt Ion: 128 Resp: 549
Ion Ratio Lower Upper
128 100
127 8.2 10.2 15.2#
129 25.3 8.8 13.2#

