

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120122\
 Data File : VY011669.D
 Acq On : 01 Dec 2022 17:50
 Operator : KP/MD
 Sample : N5809-03RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HOWE-DRUM-B-1129RE

Quant Time: Dec 02 03:23:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

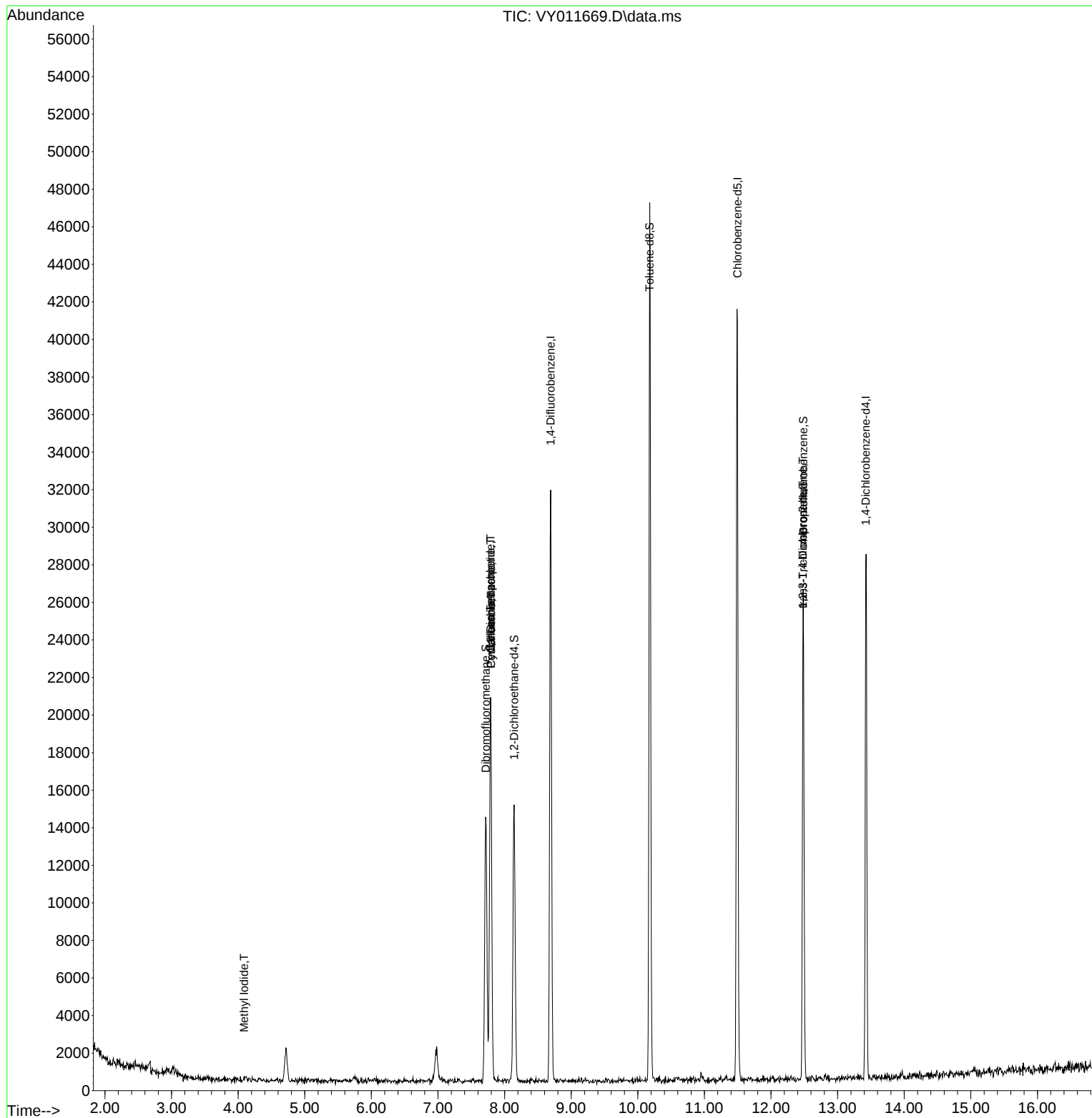
Internal Standards						
1) Pentafluorobenzene	7.795	168	15737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	26681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	23163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	8076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	12063	75.491	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.980%
35) Dibromofluoromethane	7.715	113	10248	62.394	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	124.780%
50) Toluene-d8	10.178	98	31478	52.740	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.480%
62) 4-Bromofluorobenzene	12.483	95	8362	37.893	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.780%
Target Compounds						
3) Chloromethane	2.113	50	51	Below Cal	#	44
5) Bromomethane	2.661	94	185	Below Cal		81
10) Methyl Iodide	4.088	142	200	1.137	ug/l #	61
20) Methylene Chloride	4.716	84	1339	Below Cal	#	71
31) Cyclohexane	7.795	56	323	1.220	ug/l #	52
36) 1,1-Dichloropropene	7.789	75	1208	4.705	ug/l #	46
38) Carbon Tetrachloride	7.789	117	1657	5.769	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	4187	48.141	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	4187	105.446	ug/l #	7

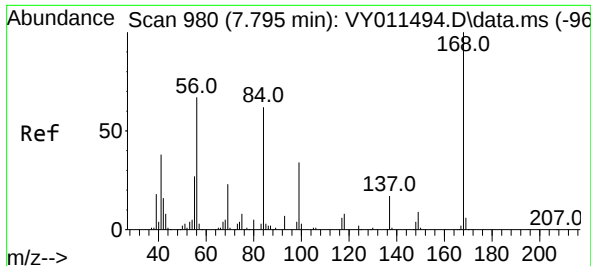
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120122\
Data File : VY011669.D
Acq On : 01 Dec 2022 17:50
Operator : KP/MD
Sample : N5809-03RE
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HOWE-DRUM-B-1129RE

Quant Time: Dec 02 03:23:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration

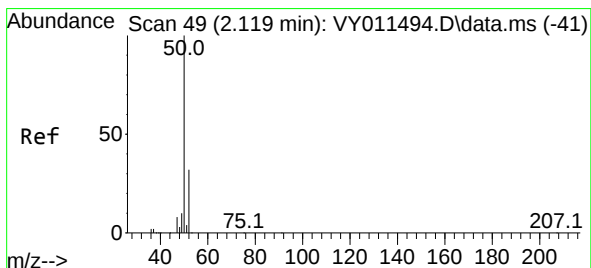
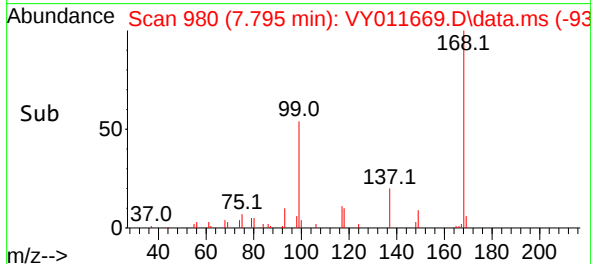
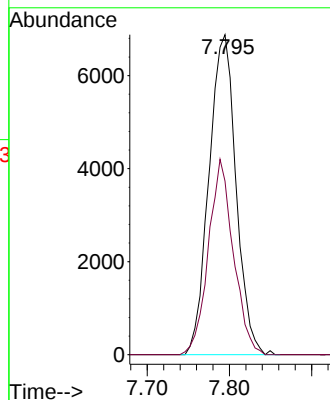
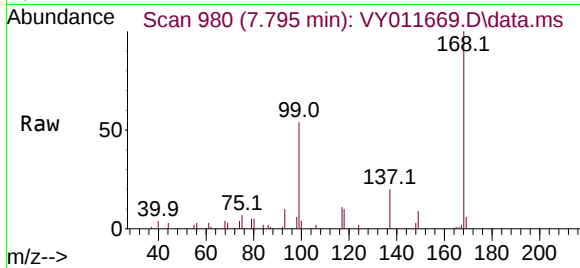




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011669.D
Acq: 01 Dec 2022 17:50

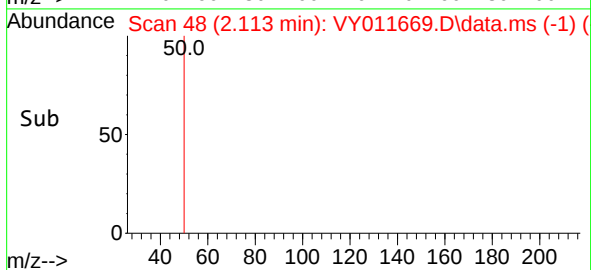
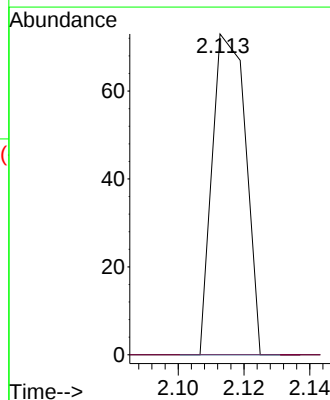
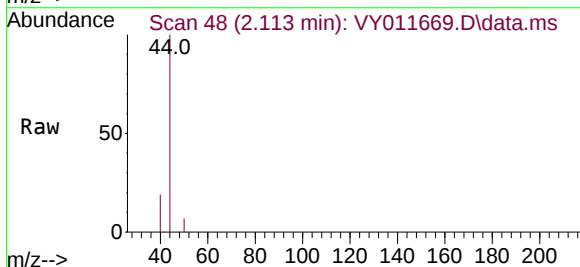
Instrument :
MSVOA_Y
ClientSampleId :
HOWE-DRUM-B-1129RE

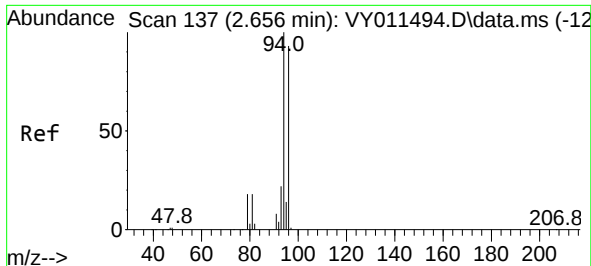
Tgt Ion:168 Resp: 15737
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY011669.D
Acq: 01 Dec 2022 17:50

Tgt Ion: 50 Resp: 51
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#





#5

Bromomethane

Concen: Below Cal

RT: 2.661 min Scan# 11

Delta R.T. 0.005 min

Lab File: VY011669.D

Acq: 01 Dec 2022 17:50

Instrument :

MSVOA_Y

ClientSampleId :

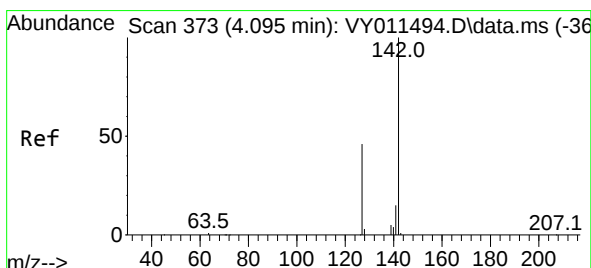
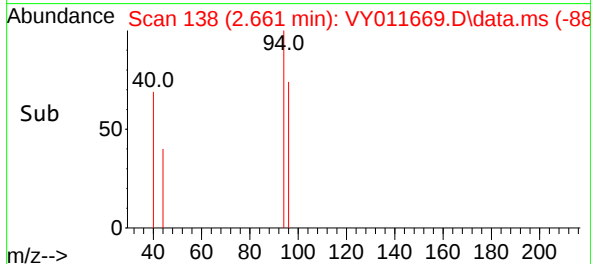
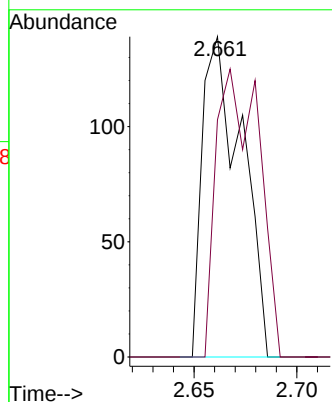
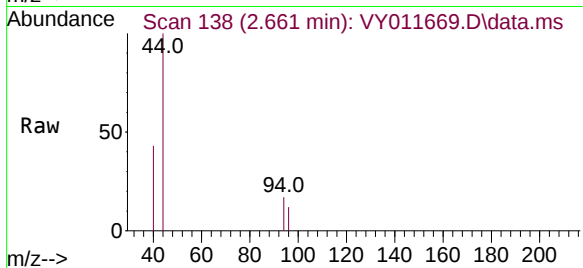
HOWE-DRUM-B-1129RE

Tgt Ion: 94 Resp: 185

Ion Ratio Lower Upper

94 100

96 74.1 73.5 110.3



#10

Methyl Iodide

Concen: 1.137 ug/l

RT: 4.088 min Scan# 372

Delta R.T. -0.007 min

Lab File: VY011669.D

Acq: 01 Dec 2022 17:50

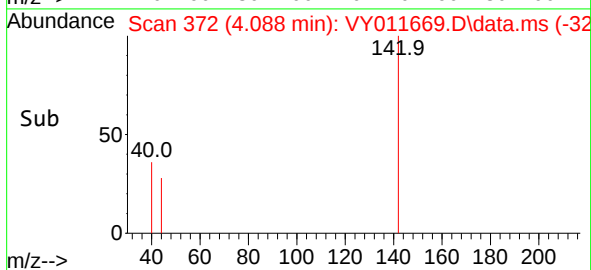
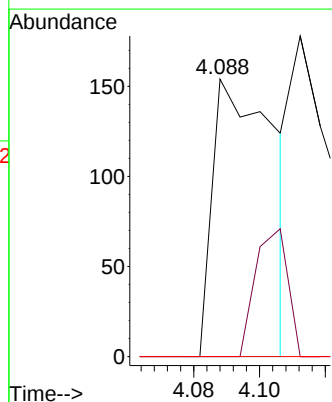
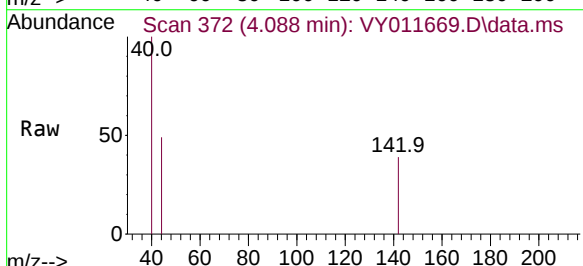
Tgt Ion:142 Resp: 200

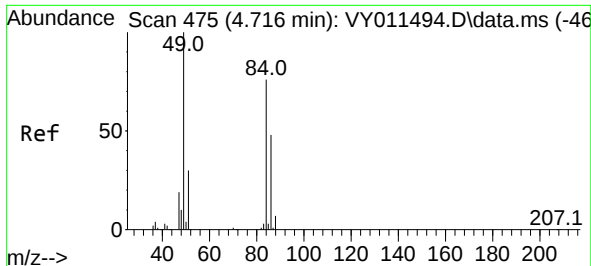
Ion Ratio Lower Upper

142 100

127 24.0 41.5 62.3#

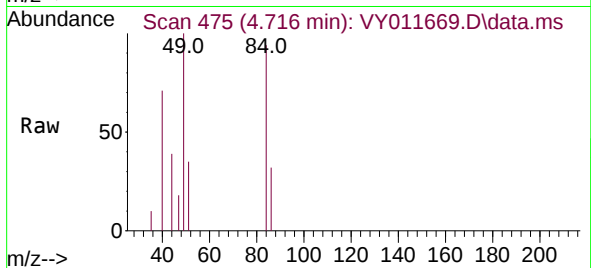
141 0.0 11.9 17.9#



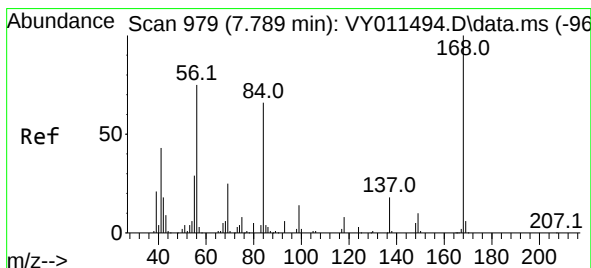
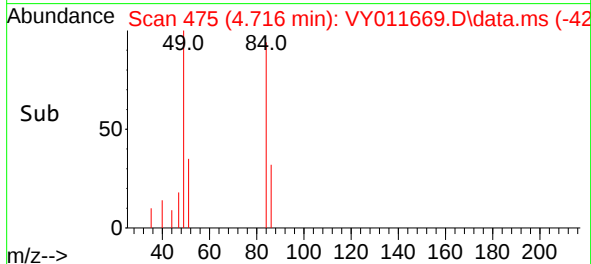
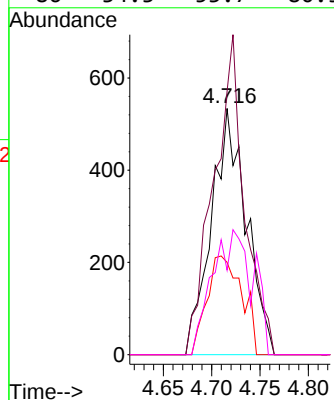


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY011669.D
Acq: 01 Dec 2022 17:50

Instrument :
MSVOA_Y
ClientSampleId :
HOWE-DRUM-B-1129RE

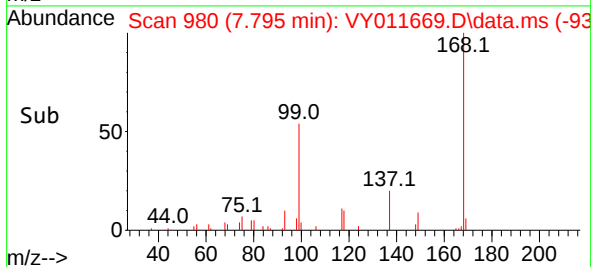
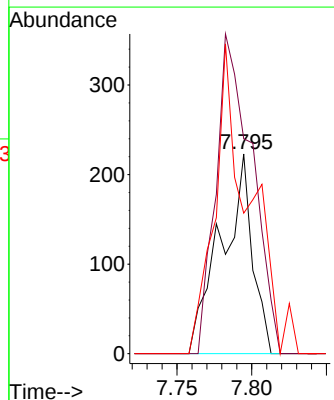
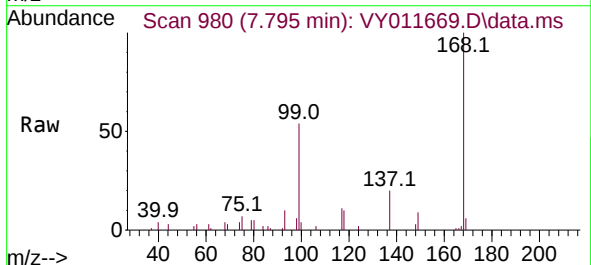


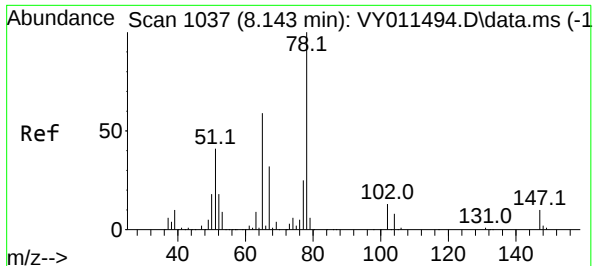
Tgt Ion: 84 Resp: 1339
Ion Ratio Lower Upper
84 100
49 106.9 114.4 171.6#
51 37.5 35.3 52.9
86 34.3 53.7 80.5#



#31
Cyclohexane
Concen: 1.220 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY011669.D
Acq: 01 Dec 2022 17:50

Tgt Ion: 56 Resp: 323
Ion Ratio Lower Upper
56 100
69 107.6 26.7 40.1#
84 70.4 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 75.491 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY011669.D

Acq: 01 Dec 2022 17:50

Instrument :

MSVOA_Y

ClientSampleId :

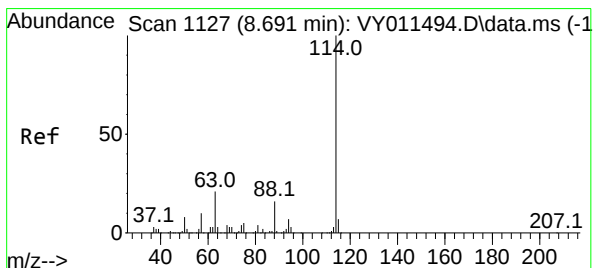
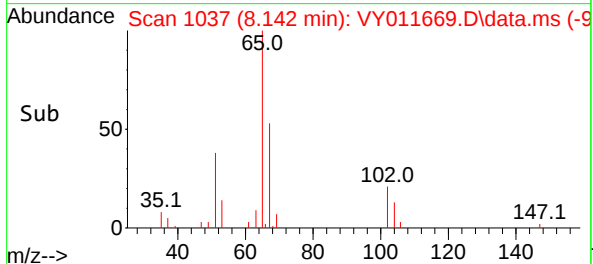
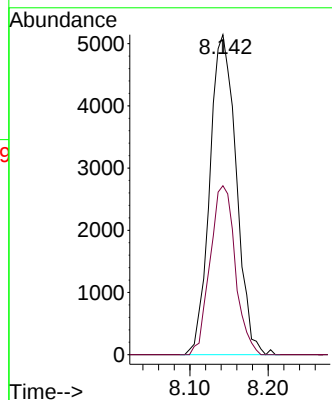
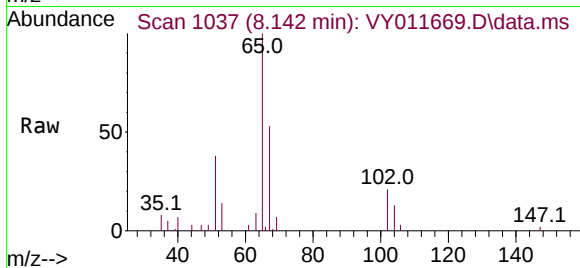
HOWE-DRUM-B-1129RE

Tgt Ion: 65 Resp: 12063

Ion Ratio Lower Upper

65 100

67 50.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY011669.D

Acq: 01 Dec 2022 17:50

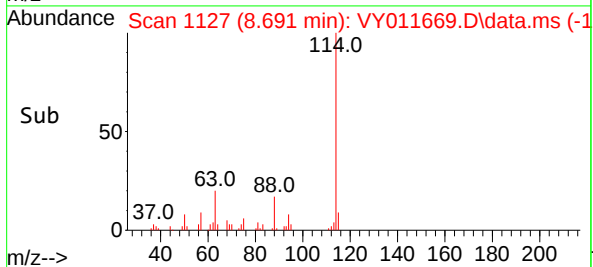
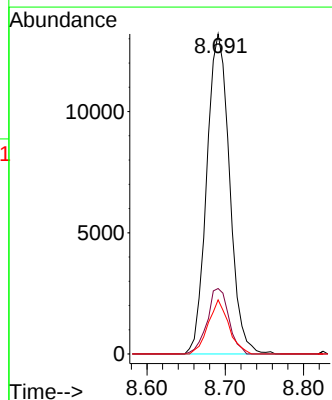
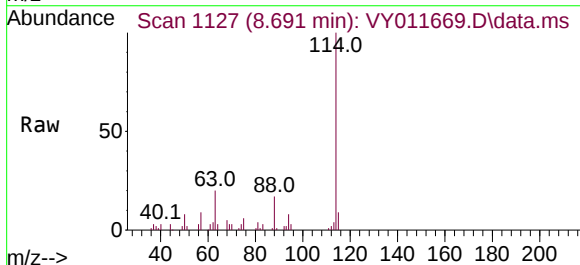
Tgt Ion: 114 Resp: 26681

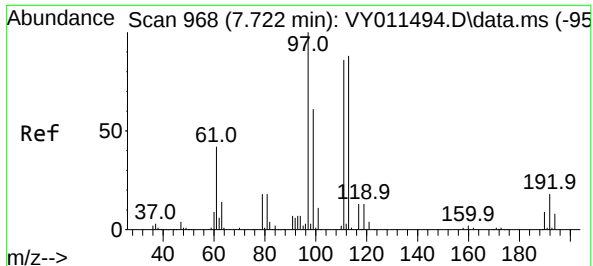
Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 16.9 0.0 31.8

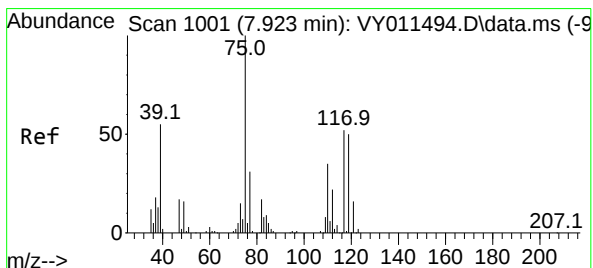
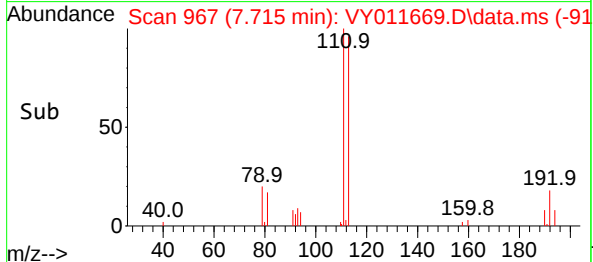
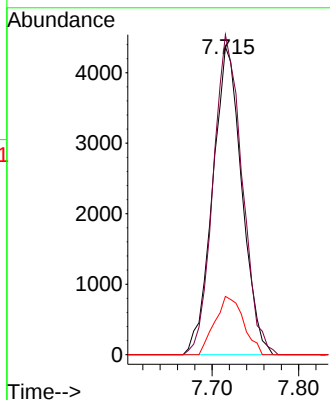
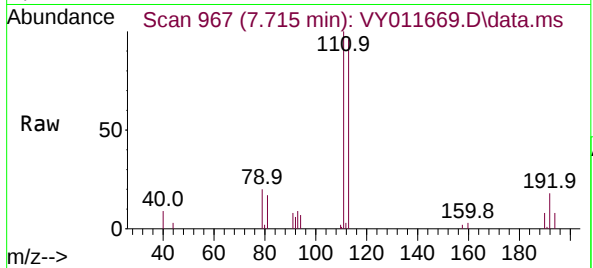




#35
Dibromofluoromethane
Concen: 62.394 ug/l
RT: 7.715 min Scan# 911
Delta R.T. -0.007 min
Lab File: VY011669.D
Acq: 01 Dec 2022 17:50

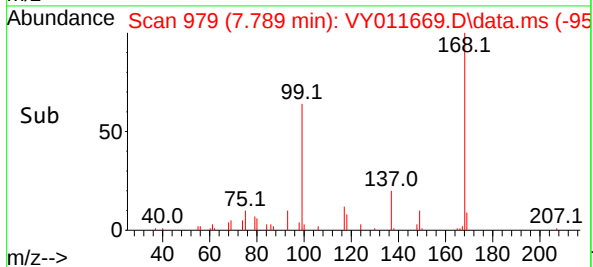
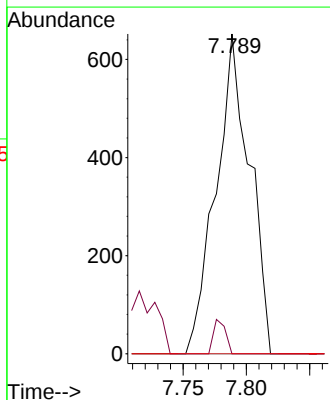
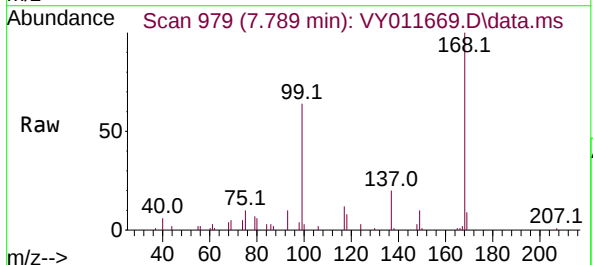
Instrument :
MSVOA_Y
ClientSampleId :
HOWE-DRUM-B-1129RE

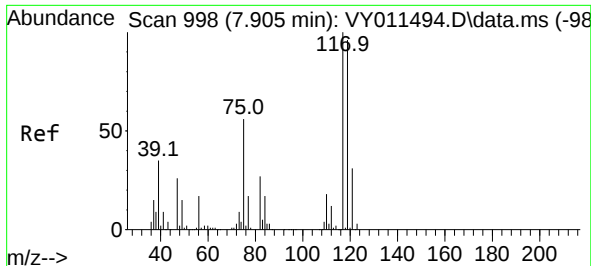
Tgt Ion:	113	Resp:	10248
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	124.0
192	18.4	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.705 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY011669.D
Acq: 01 Dec 2022 17:50

Tgt Ion:	75	Resp:	1208
Ion	Ratio	Lower	Upper
75	100		
110	3.8	17.1	51.2#
77	0.0	24.4	36.6#

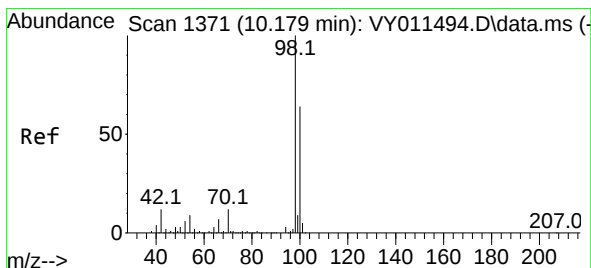
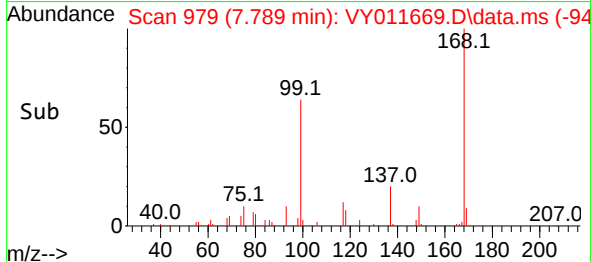
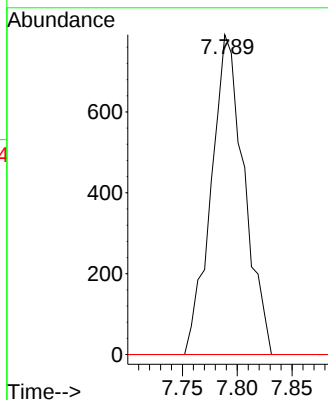
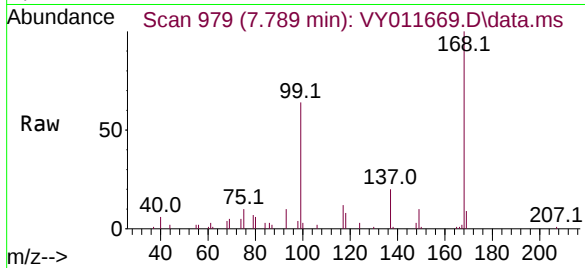




#38
Carbon Tetrachloride
Concen: 5.769 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011669.D
Acq: 01 Dec 2022 17:50

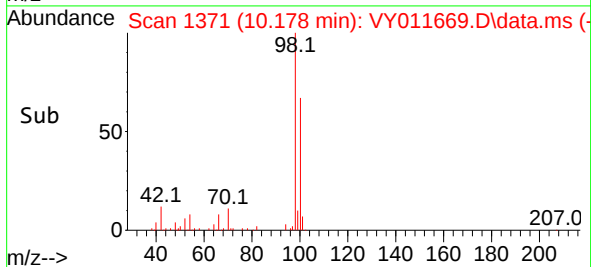
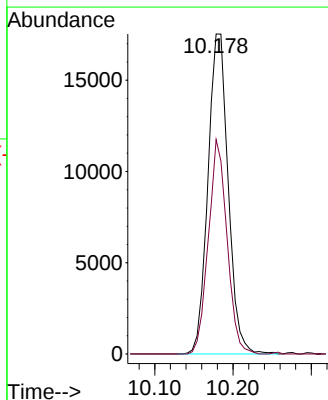
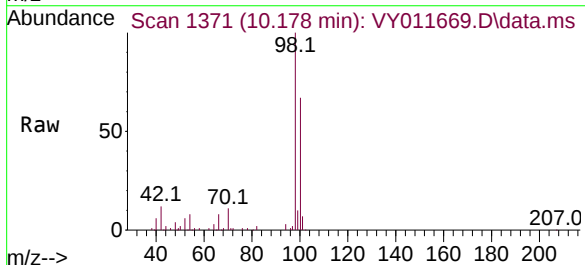
Instrument :
MSVOA_Y
ClientSampleId :
HOWE-DRUM-B-1129RE

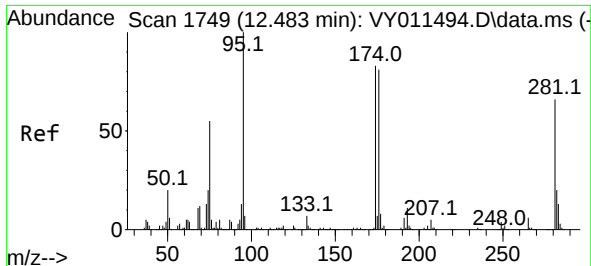
Tgt Ion:117 Resp: 1657
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.740 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY011669.D
Acq: 01 Dec 2022 17:50

Tgt Ion: 98 Resp: 31478
Ion Ratio Lower Upper
98 100
100 61.7 50.2 75.2

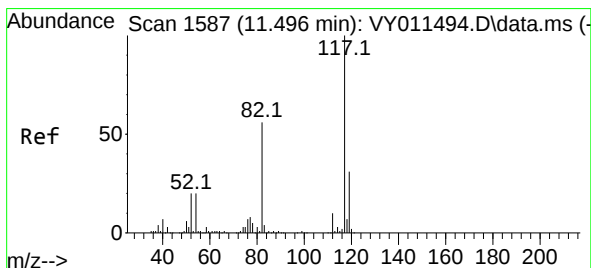
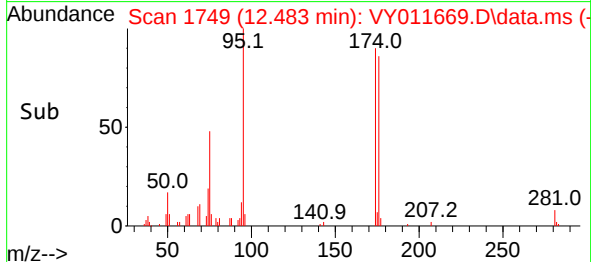
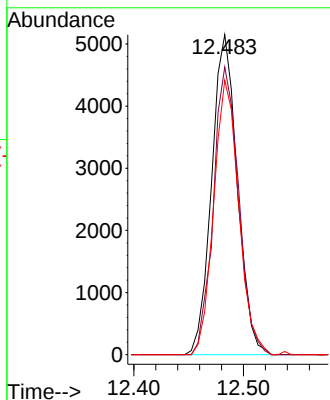
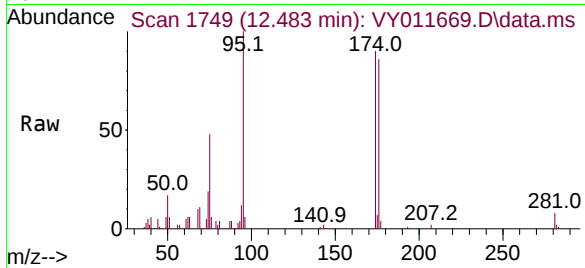




#62
4-Bromofluorobenzene
Concen: 37.893 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011669.D
Acq: 01 Dec 2022 17:50

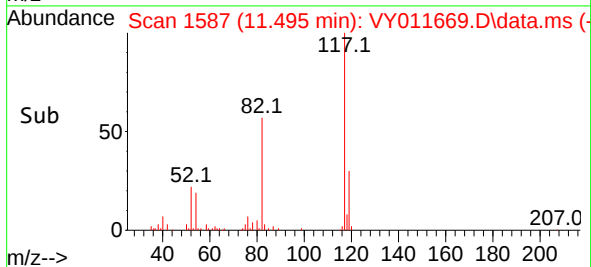
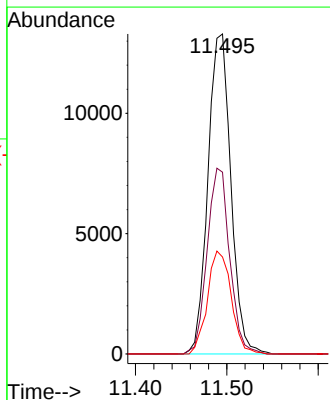
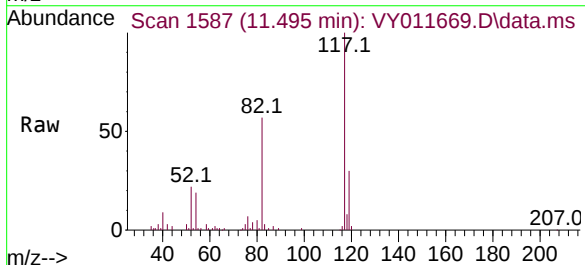
Instrument :
MSVOA_Y
ClientSampleId :
HOWE-DRUM-B-1129RE

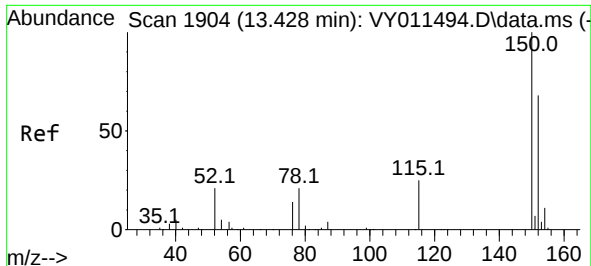
Tgt Ion:	95	Resp:	8362
Ion	Ratio	Lower	Upper
95	100		
174	88.5	0.0	177.0
176	83.7	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY011669.D
Acq: 01 Dec 2022 17:50

Tgt Ion:	117	Resp:	23163
Ion	Ratio	Lower	Upper
117	100		
82	56.8	43.0	64.4
119	30.3	25.4	38.0

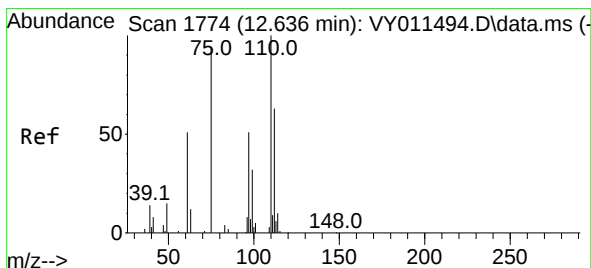
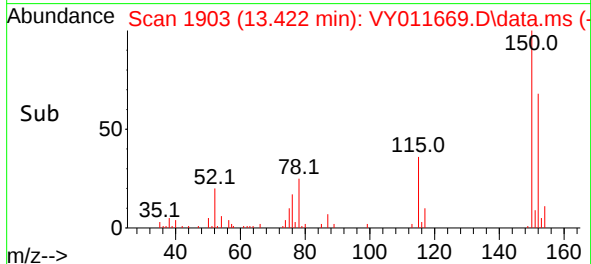
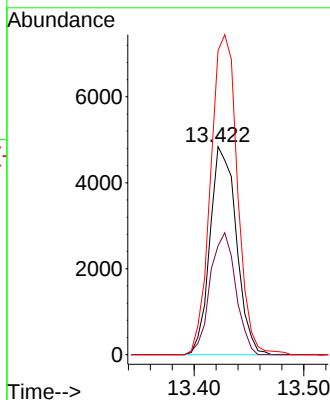
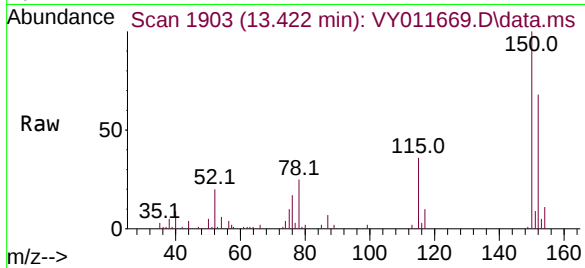




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY011669.D
 Acq: 01 Dec 2022 17:50

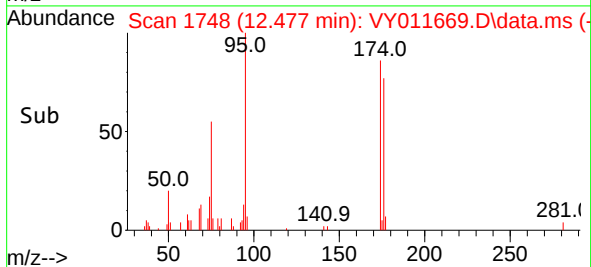
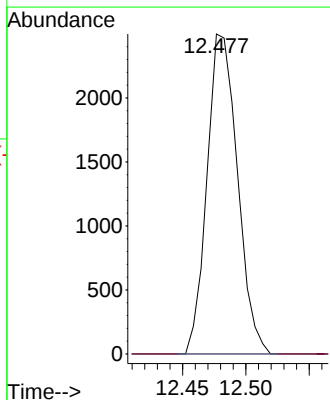
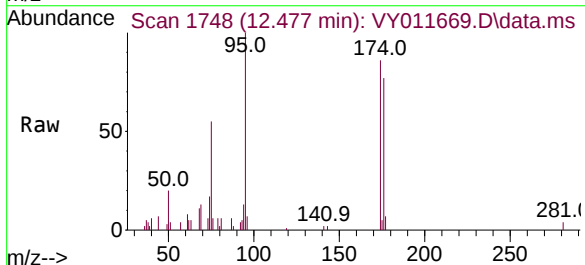
Instrument :
 MSVOA_Y
 ClientSampleId :
 HOWE-DRUM-B-1129RE

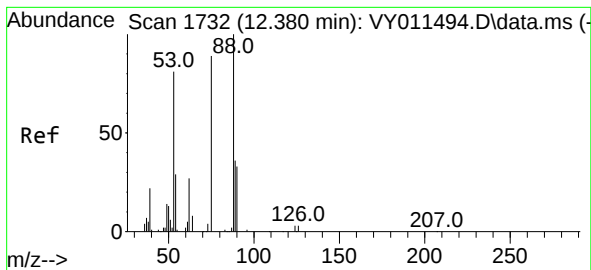
Tgt Ion:152 Resp: 8076
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.2 84.7
 150 156.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.141 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.159 min
 Lab File: VY011669.D
 Acq: 01 Dec 2022 17:50

Tgt Ion: 75 Resp: 4187
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81

trans-1,4-Dichloro-2-butene

Concen: 105.446 ug/l

RT: 12.477 min Scan# 11

Delta R.T. 0.097 min

Lab File: VY011669.D

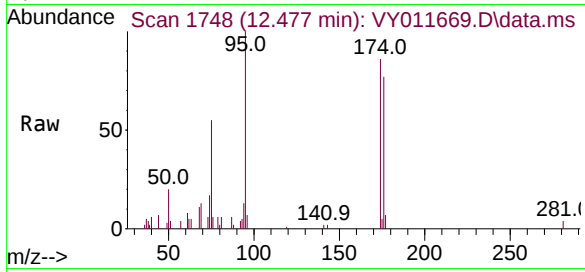
Acq: 01 Dec 2022 17:50

Instrument :

MSVOA_Y

ClientSampleId :

HOWE-DRUM-B-1129RE



Tgt Ion: 75 Resp: 4187

Ion Ratio Lower Upper

75 100

53 0.0 85.3 127.9#

89 0.0 37.0 55.4#

