

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112822\
 Data File : VY011608.D
 Acq On : 28 Nov 2022 18:40
 Operator : KP/MD
 Sample : N5791-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WSH-STOCK-1128

Quant Time: Nov 29 00:26:47 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)

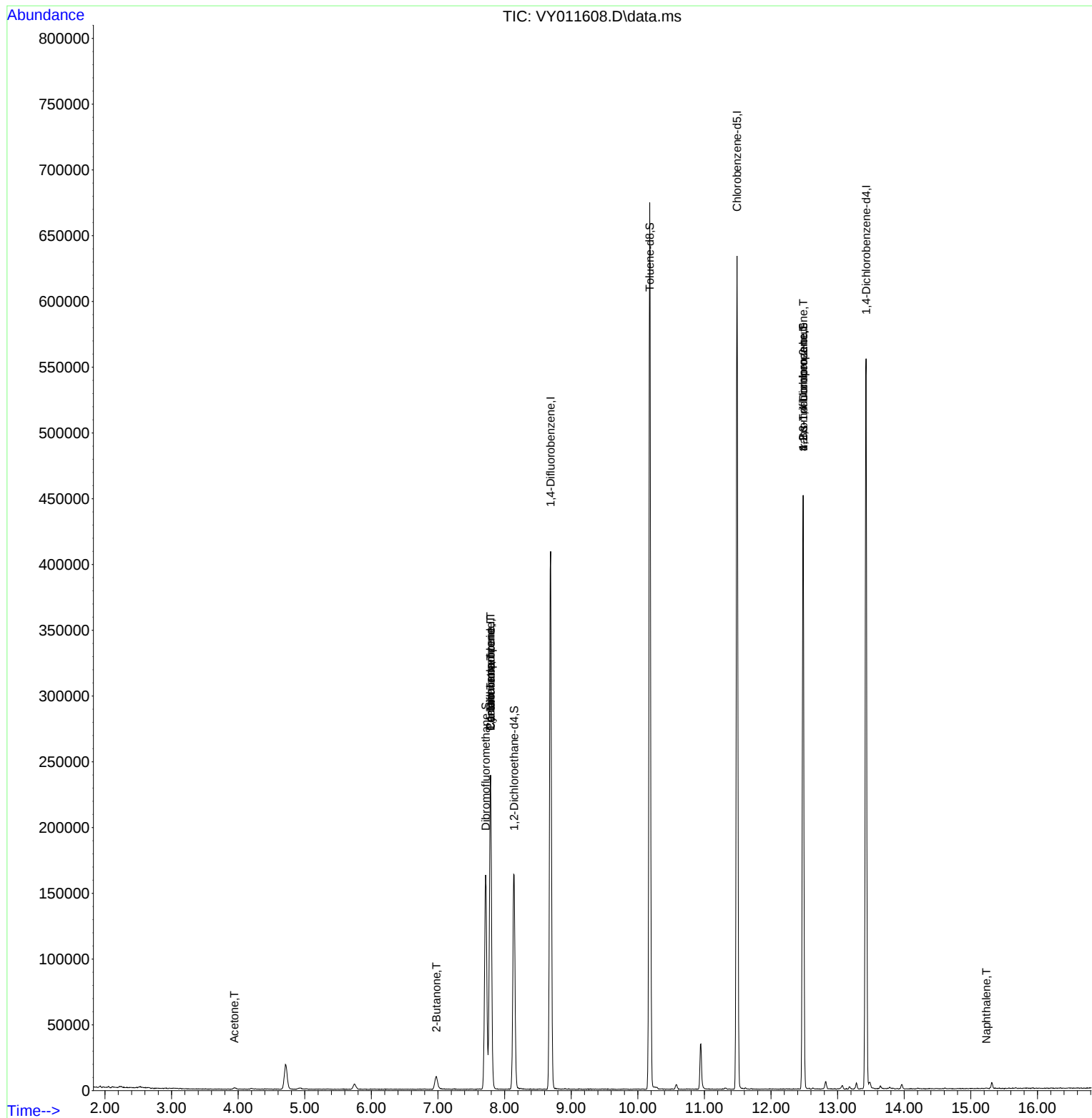
Internal Standards						
1) Pentafluorobenzene	7.789	168	182392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	342087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	335465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	128870	69.584	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.160%	
35) Dibromofluoromethane	7.716	113	113190	53.750	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.500%	
50) Toluene-d8	10.179	98	422308	55.186	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.380%	
62) 4-Bromofluorobenzene	12.483	95	135961	48.054	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.100%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	54	Below Cal	#	43
3) Chloromethane	2.113	50	180	Below Cal	#	44
5) Bromomethane	2.643	94	19	Below Cal	#	3
11) Tert butyl alcohol	4.924	59	1317	Below Cal	#	77
16) Acetone	3.942	43	2020	3.358	ug/l #	87
18) Methyl Acetate	4.479	43	286	Below Cal	#	56
20) Methylene Chloride	4.716	84	14013	Below Cal		91
25) 2-Butanone	6.978	43	1623	2.053	ug/l #	80
31) Cyclohexane	7.789	56	4058	1.322	ug/l #	16
36) 1,1-Dichloropropene	7.789	75	14504	4.406	ug/l #	50
38) Carbon Tetrachloride	7.789	117	18286	4.965	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	73065	47.838	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	73065	104.782	ug/l #	7
95) Naphthalene	15.233	128	497	4.111	ug/l #	69

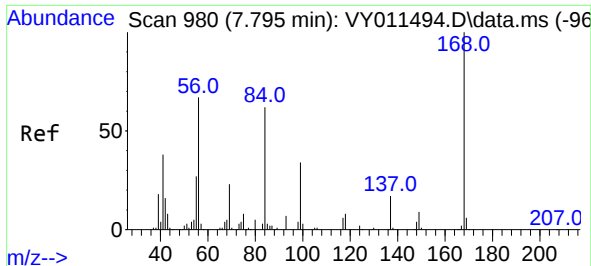
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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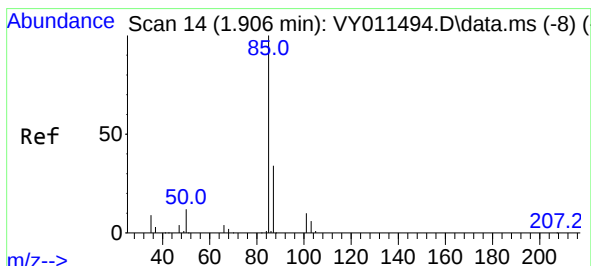
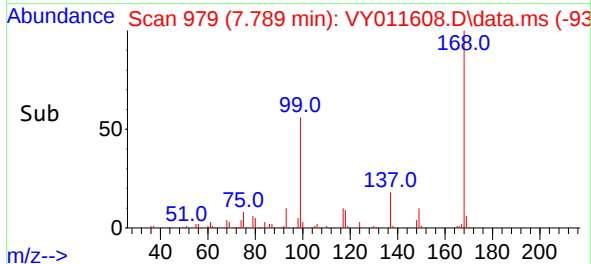
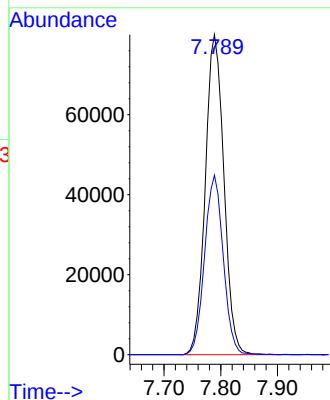
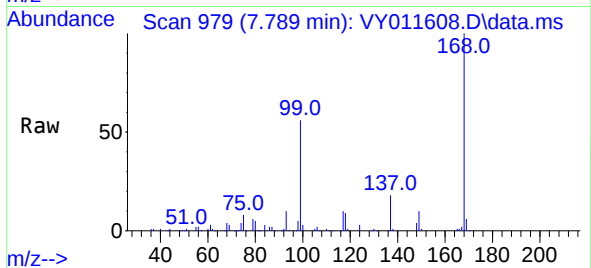




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011608.D
Acq: 28 Nov 2022 18:40

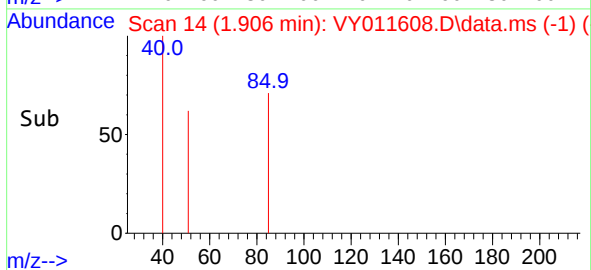
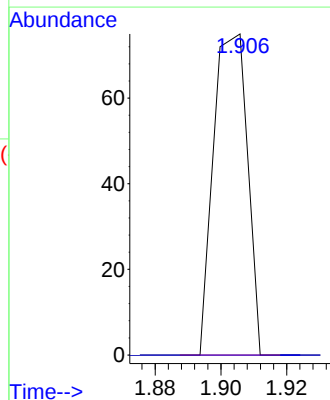
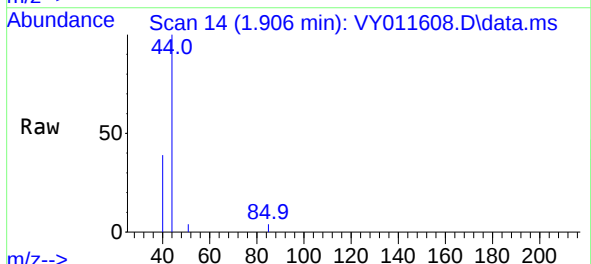
Instrument :
MSVOA_Y
ClientSampleId :
WSH-STOCK-1128

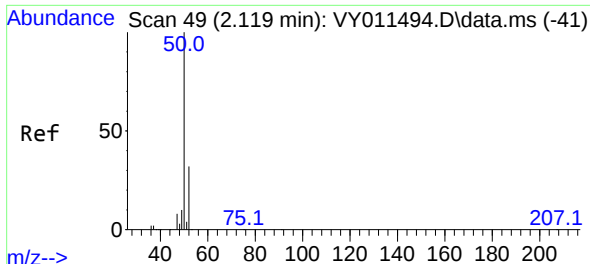
Tgt Ion:168 Resp: 182392
Ion Ratio Lower Upper
168 100
99 56.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011608.D
Acq: 28 Nov 2022 18:40

Tgt Ion: 85 Resp: 54
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

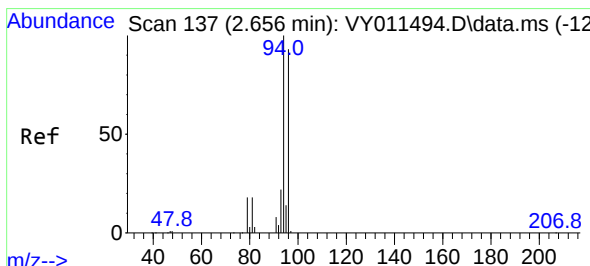
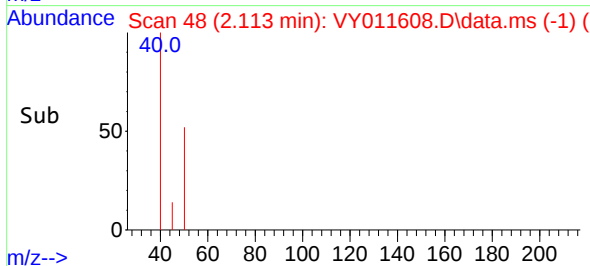
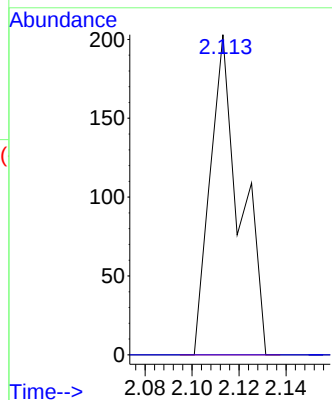
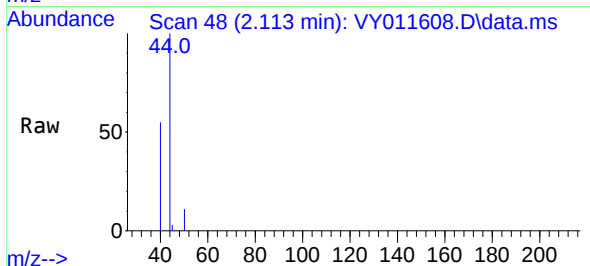




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011608.D
Acq: 28 Nov 2022 18:40

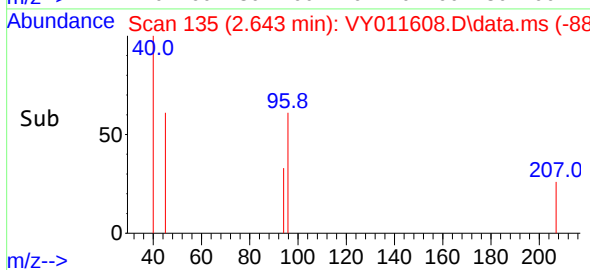
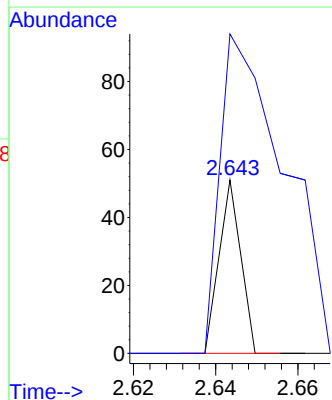
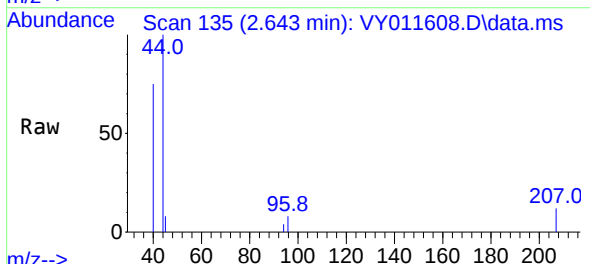
Instrument :
MSVOA_Y
ClientSampleId :
WSH-STOCK-1128

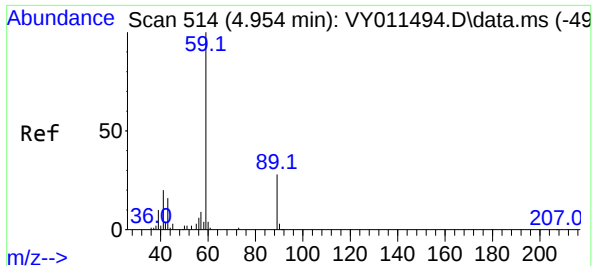
Tgt Ion: 50 Resp: 180
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#



#5
Bromomethane
Concen: Below Cal
RT: 2.643 min Scan# 135
Delta R.T. -0.013 min
Lab File: VY011608.D
Acq: 28 Nov 2022 18:40

Tgt Ion: 94 Resp: 19
Ion Ratio Lower Upper
94 100
96 184.3 73.5 110.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.924 min Scan# 509

Delta R.T. -0.030 min

Lab File: VY011608.D

Acq: 28 Nov 2022 18:40

Instrument :

MSVOA_Y

ClientSampleId :

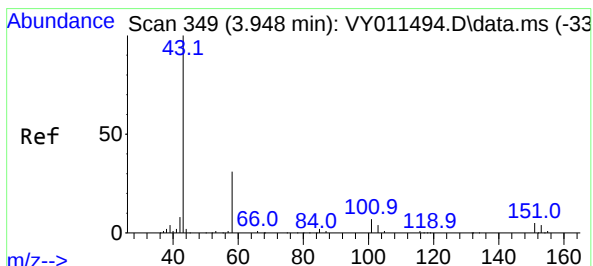
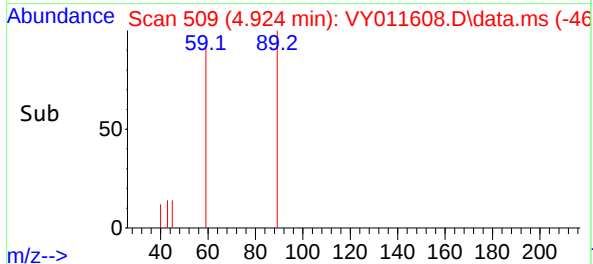
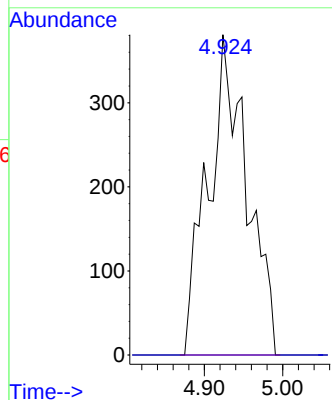
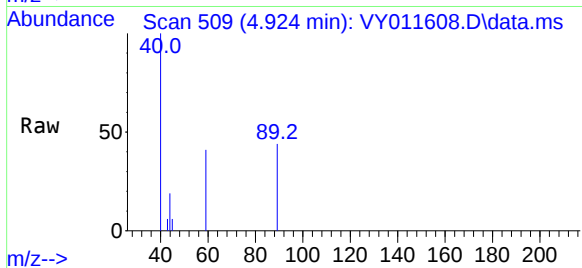
WSH-STOCK-1128

Tgt Ion: 59 Resp: 1317

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 3.358 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY011608.D

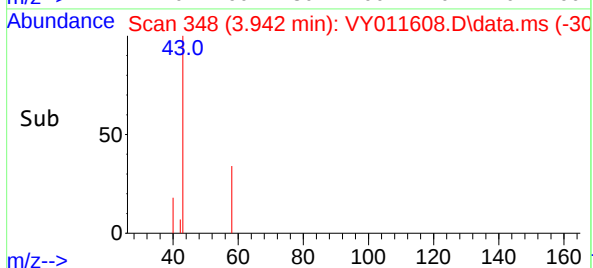
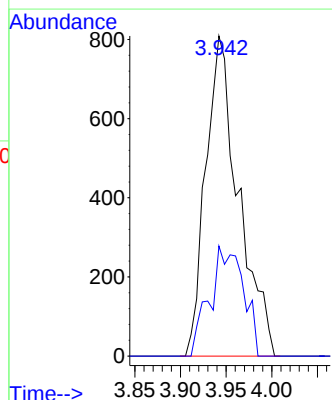
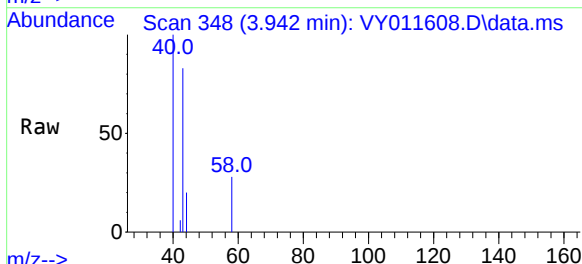
Acq: 28 Nov 2022 18:40

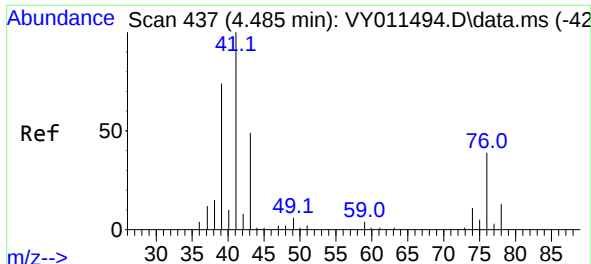
Tgt Ion: 43 Resp: 2020

Ion Ratio Lower Upper

43 100

58 34.4 22.0 33.0#

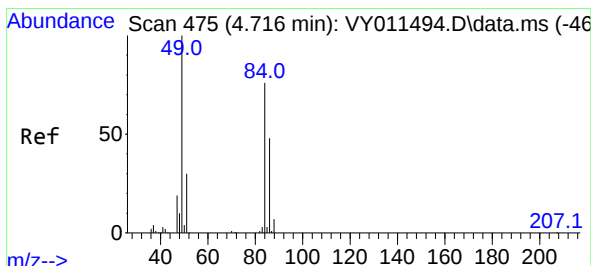
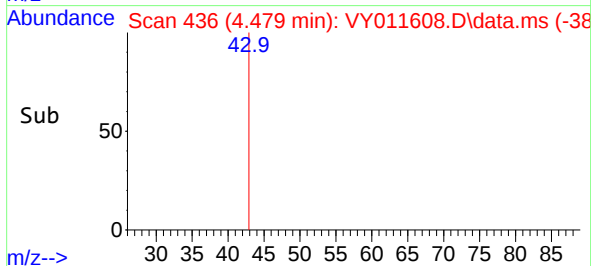
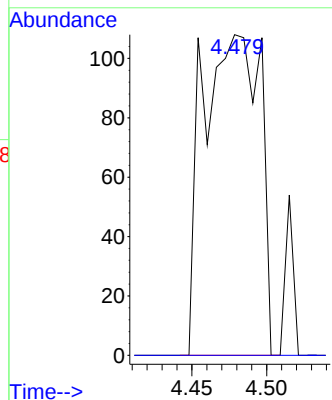
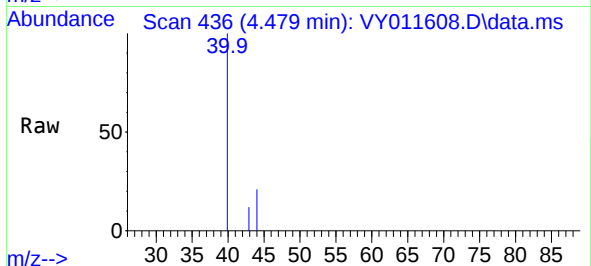




#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011608.D
Acq: 28 Nov 2022 18:40

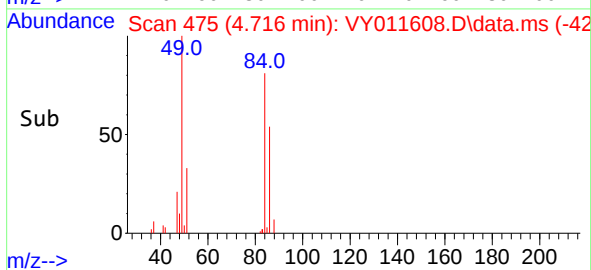
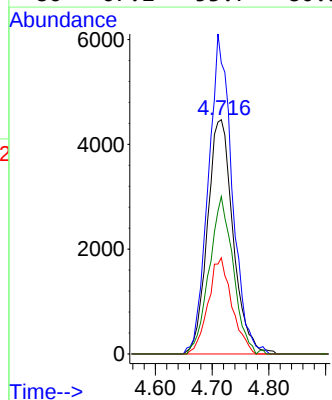
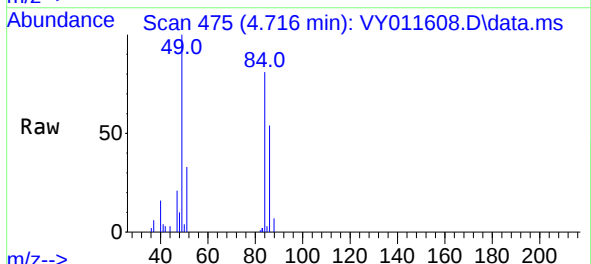
Instrument :
MSVOA_Y
ClientSampleId :
WSH-STOCK-1128

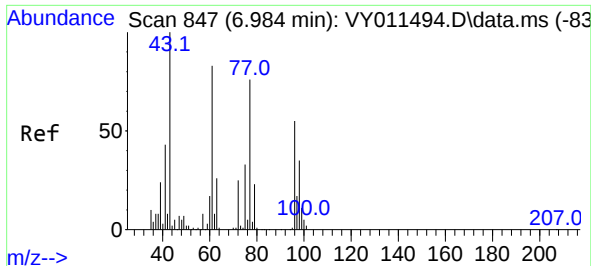
Tgt Ion: 43 Resp: 286
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011608.D
Acq: 28 Nov 2022 18:40

Tgt Ion: 84 Resp: 14013
Ion Ratio Lower Upper
84 100
49 124.2 114.4 171.6
51 41.0 35.3 52.9
86 67.2 53.7 80.5

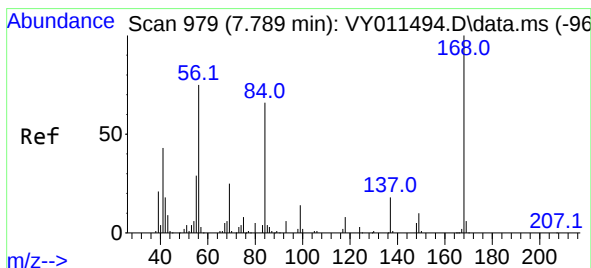
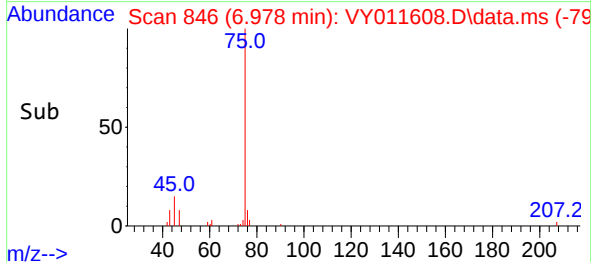
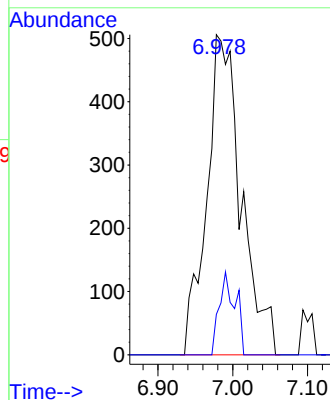
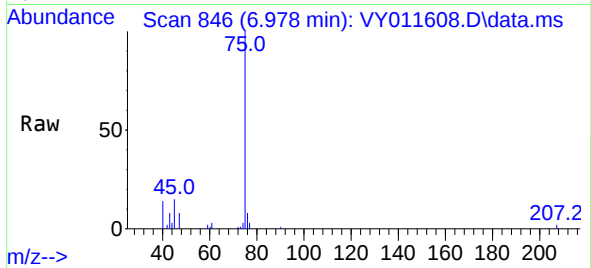




#25
2-Butanone
Concen: 2.053 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY011608.D
Acq: 28 Nov 2022 18:40

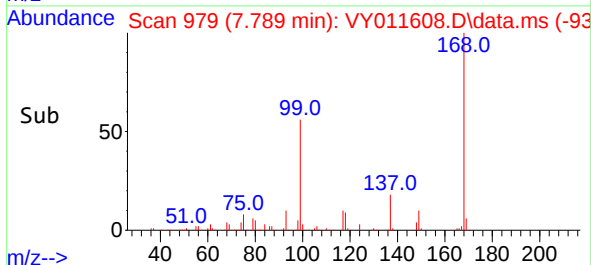
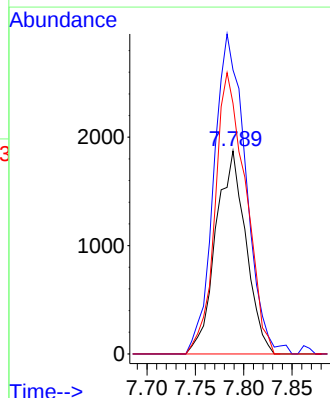
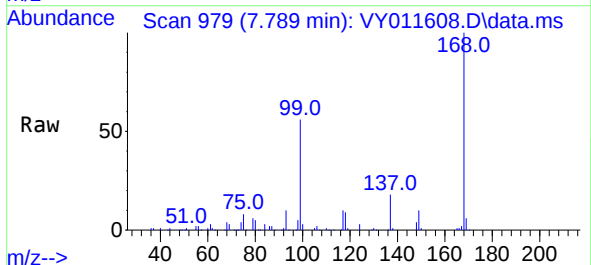
Instrument :
MSVOA_Y
ClientSampleId :
WSH-STOCK-1128

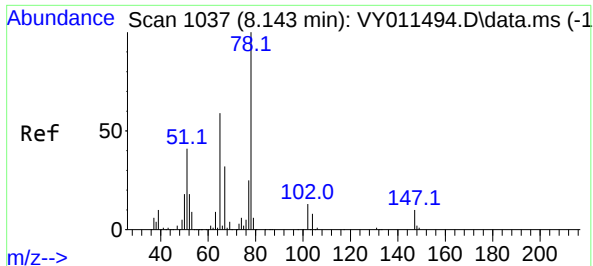
Tgt Ion: 43 Resp: 1623
Ion Ratio Lower Upper
43 100
72 12.6 17.7 26.5#



#31
Cyclohexane
Concen: 1.322 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY011608.D
Acq: 28 Nov 2022 18:40

Tgt Ion: 56 Resp: 4058
Ion Ratio Lower Upper
56 100
69 139.9 26.7 40.1#
84 123.4 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 69.584 ug/l

RT: 8.143 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY011608.D

Acq: 28 Nov 2022 18:40

Instrument :

MSVOA_Y

ClientSampleId :

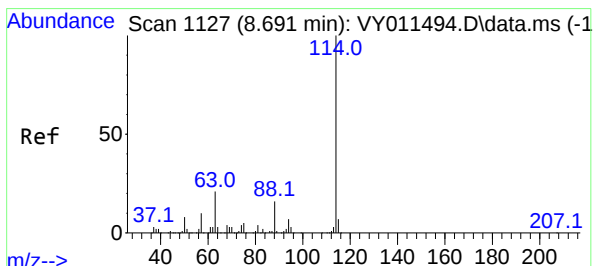
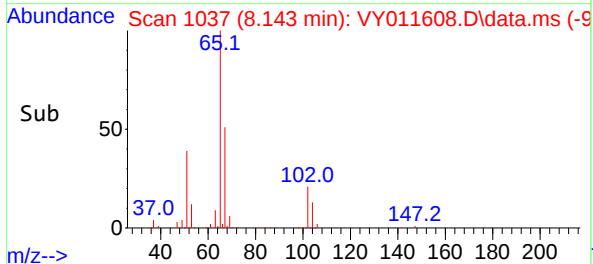
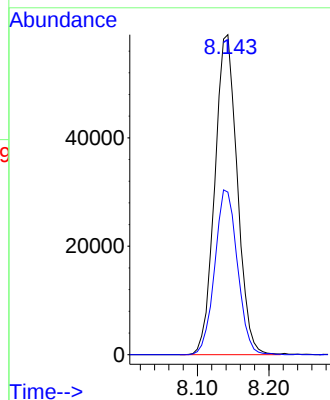
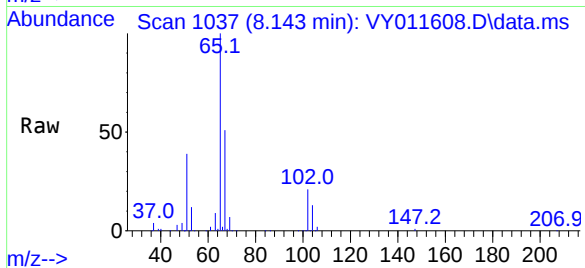
WSH-STOCK-1128

Tgt Ion: 65 Resp: 128870

Ion Ratio Lower Upper

65 100

67 52.0 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: VY011608.D

Acq: 28 Nov 2022 18:40

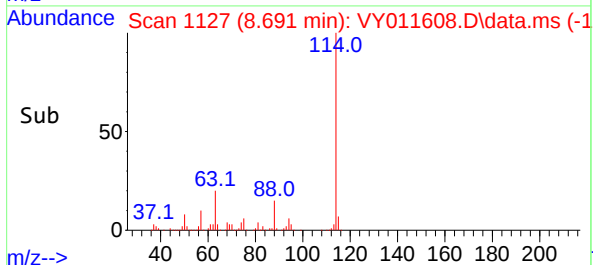
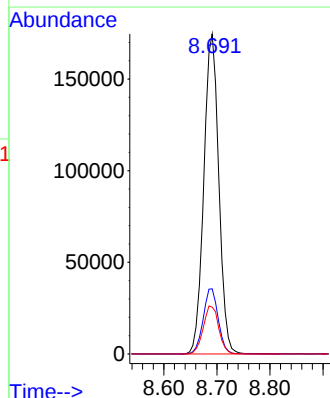
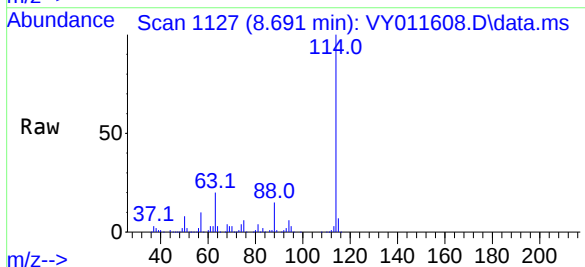
Tgt Ion: 114 Resp: 342087

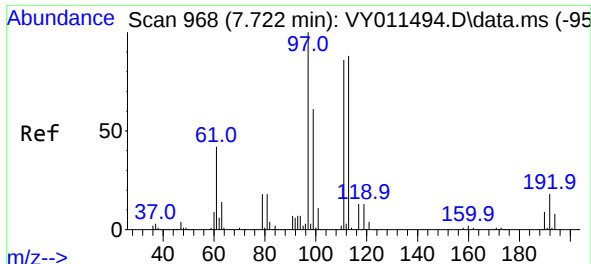
Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 14.6 0.0 31.8

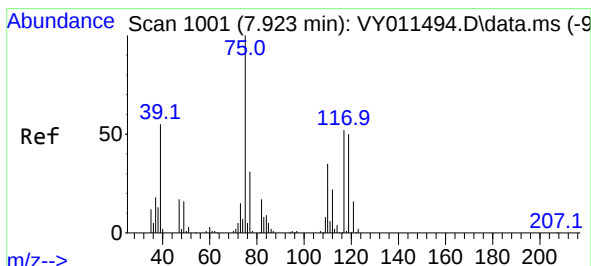
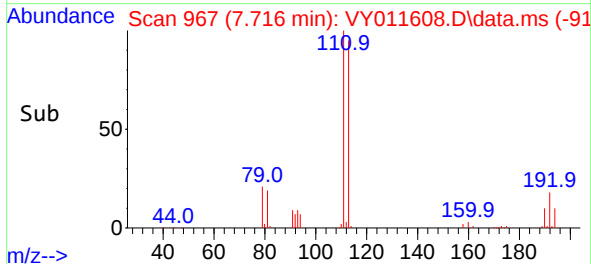
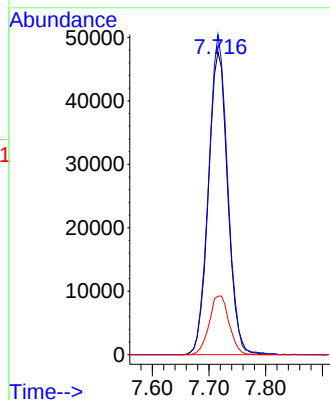
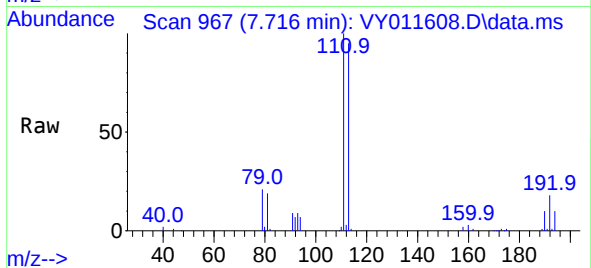




#35
Dibromofluoromethane
Concen: 53.750 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY011608.D
Acq: 28 Nov 2022 18:40

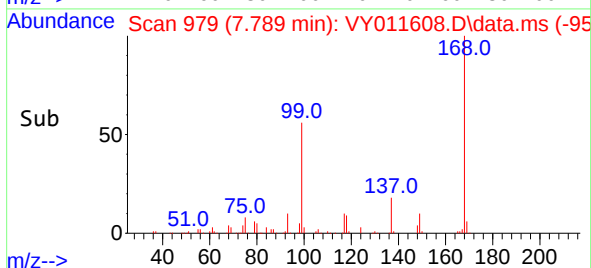
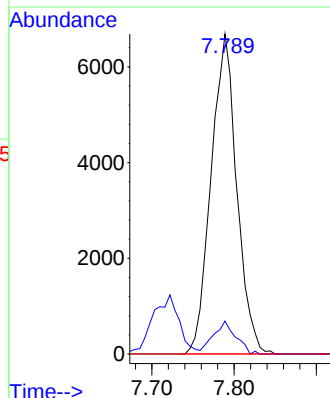
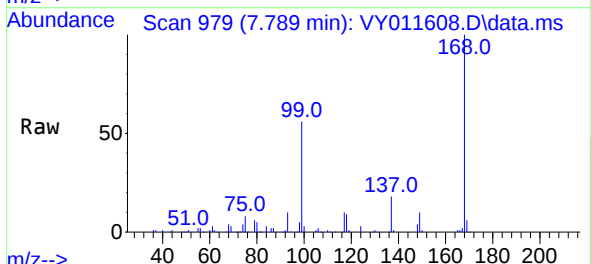
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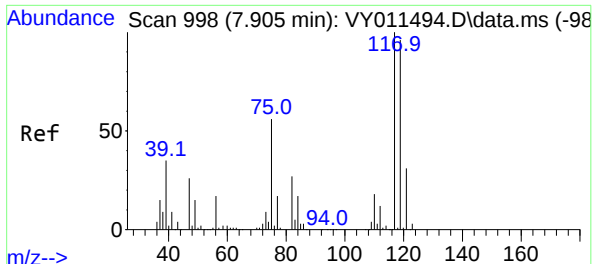
Tgt Ion:113 Resp: 113190
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 20.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.406 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY011608.D
Acq: 28 Nov 2022 18:40

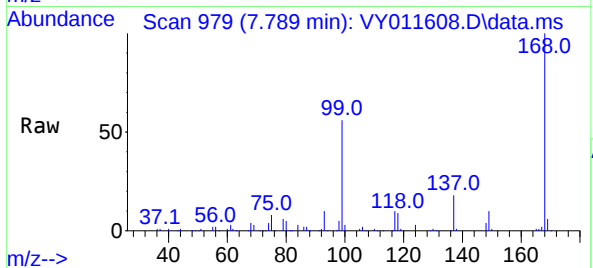
Tgt Ion: 75 Resp: 14504
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#



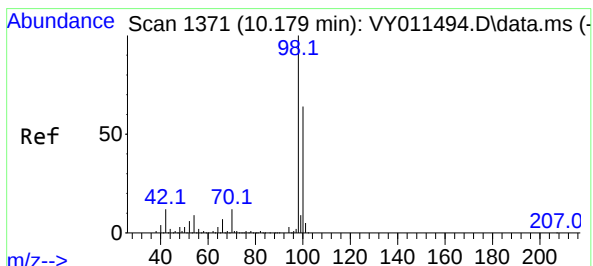
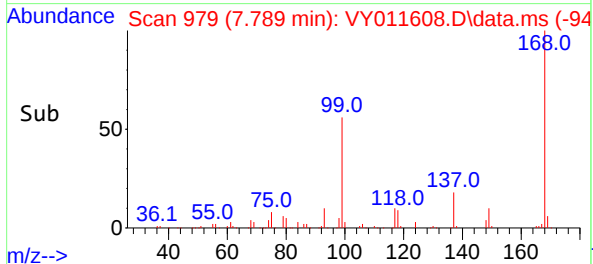
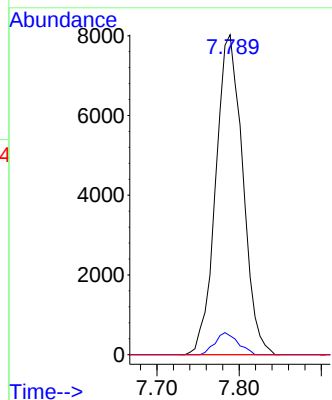


#38
Carbon Tetrachloride
Concen: 4.965 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011608.D
Acq: 28 Nov 2022 18:40

Instrument :
MSVOA_Y
ClientSampleId :
WSH-STOCK-1128

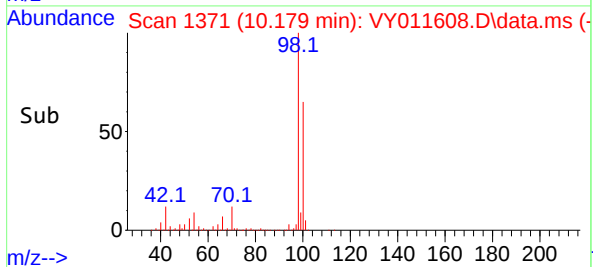
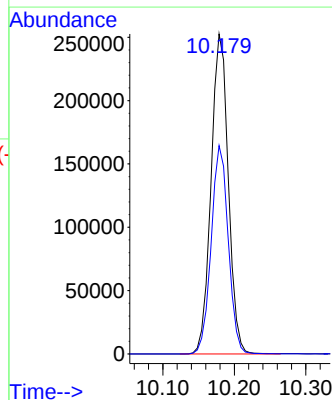
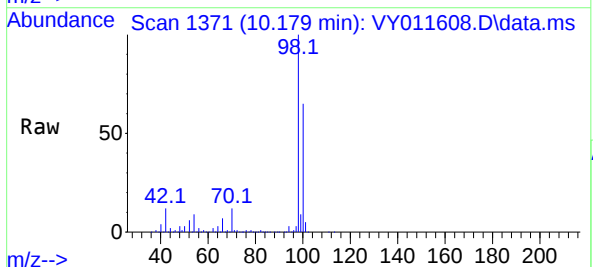


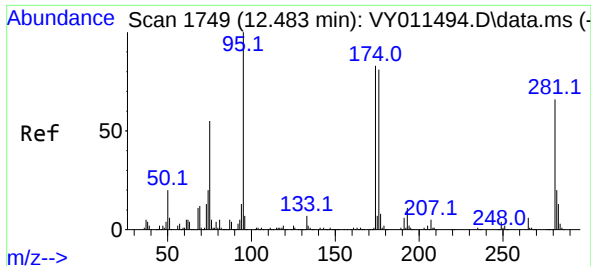
Tgt Ion:117 Resp: 18286
Ion Ratio Lower Upper
117 100
119 5.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.186 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011608.D
Acq: 28 Nov 2022 18:40

Tgt Ion: 98 Resp: 422308
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

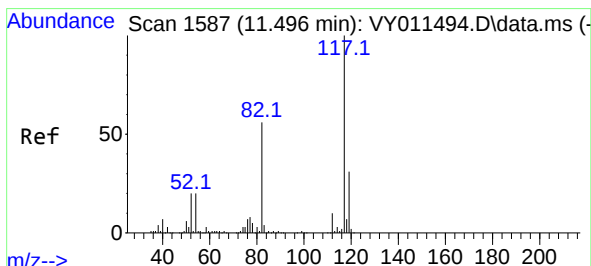
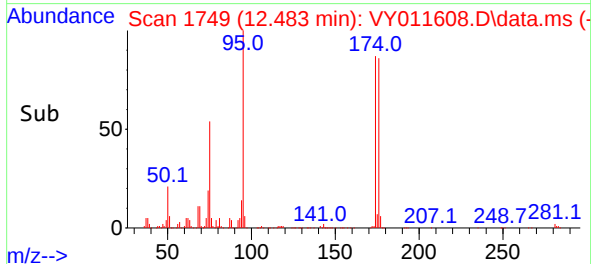
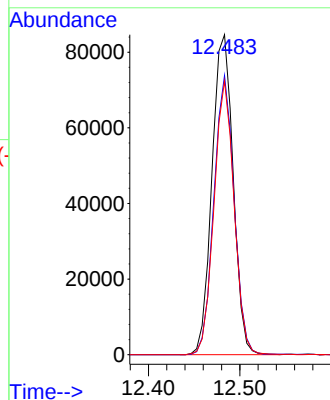
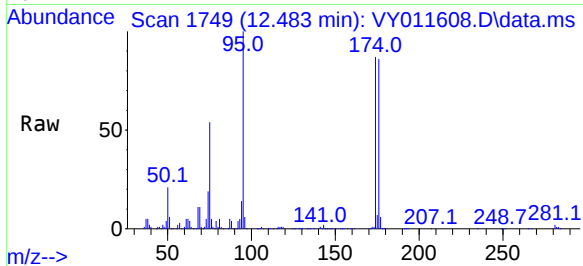




#62
4-Bromofluorobenzene
Concen: 48.054 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011608.D
Acq: 28 Nov 2022 18:40

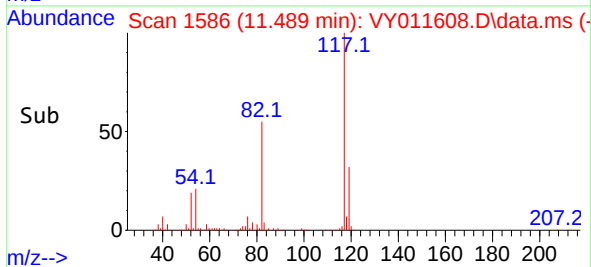
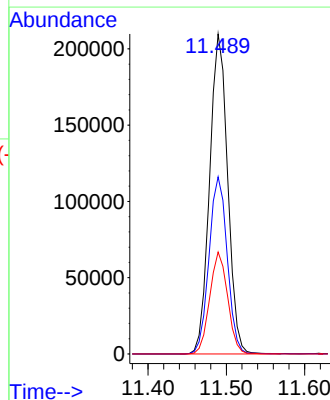
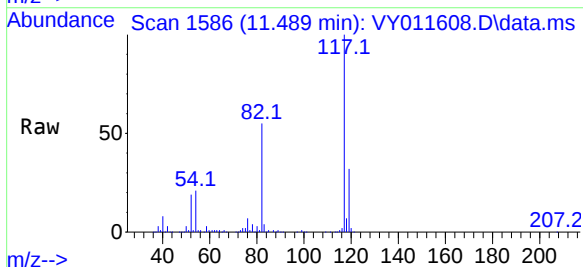
Instrument :
MSVOA_Y
ClientSampleId :
WSH-STOCK-1128

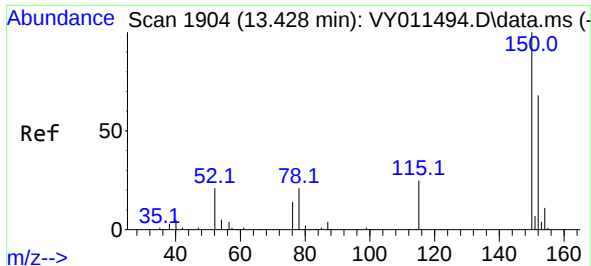
Tgt Ion: 95 Resp: 135961
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 81.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY011608.D
Acq: 28 Nov 2022 18:40

Tgt Ion: 117 Resp: 335465
Ion Ratio Lower Upper
117 100
82 55.4 43.0 64.4
119 31.9 25.4 38.0

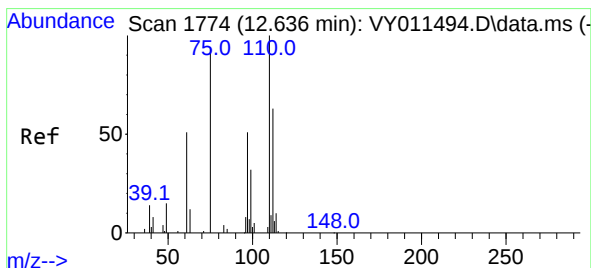
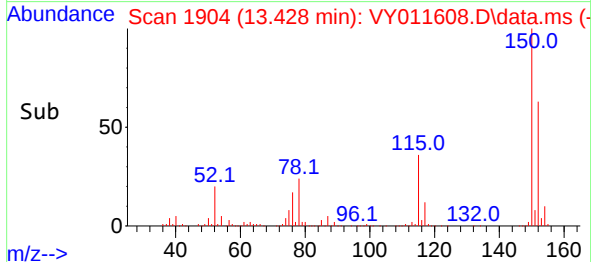
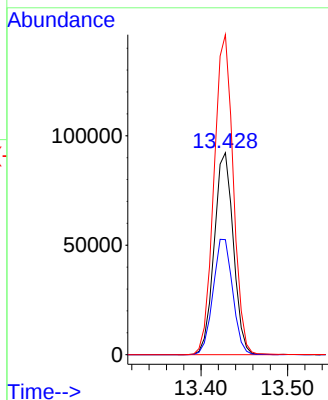
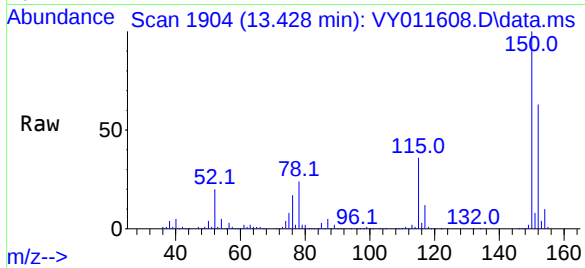




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VY011608.D
 Acq: 28 Nov 2022 18:40

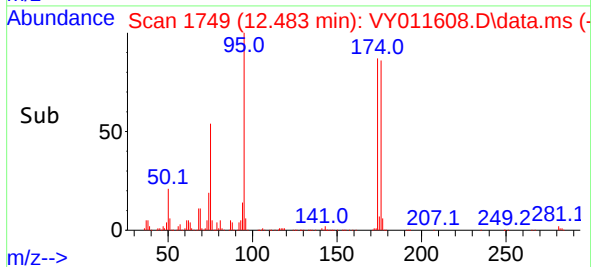
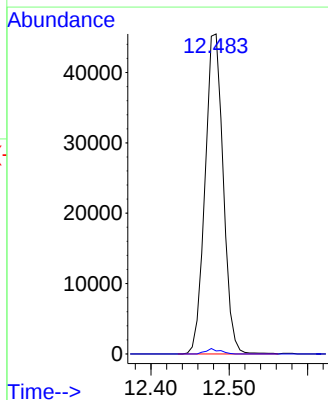
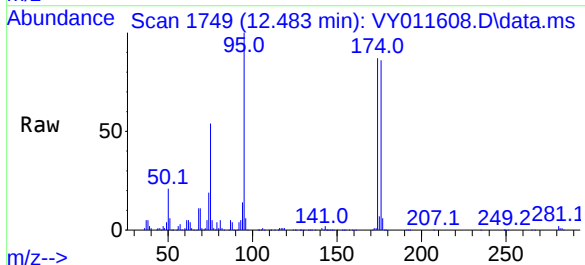
Instrument :
 MSVOA_Y
 ClientSampleId :
 WSH-STOCK-1128

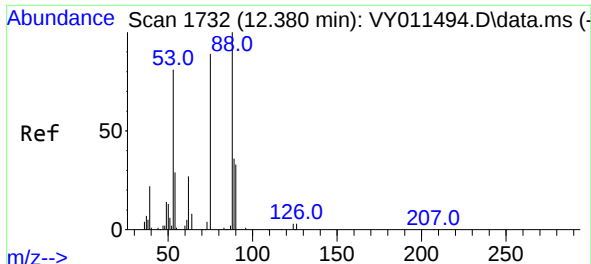
Tgt Ion:152 Resp: 141823
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.2 84.7
 150 159.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 47.838 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY011608.D
 Acq: 28 Nov 2022 18:40

Tgt Ion: 75 Resp: 73065
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

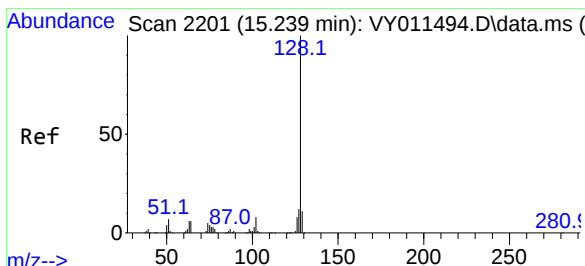
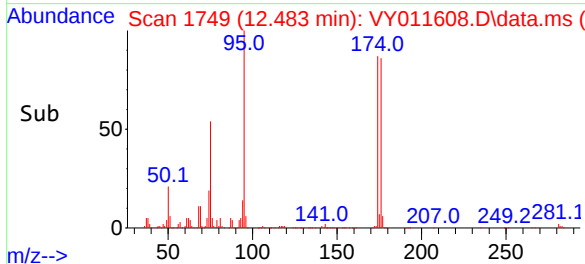
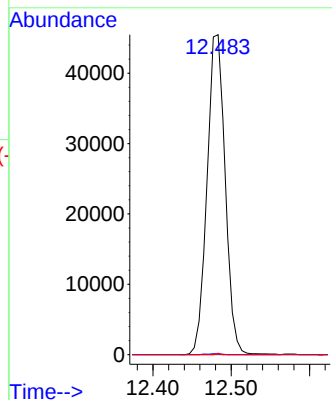
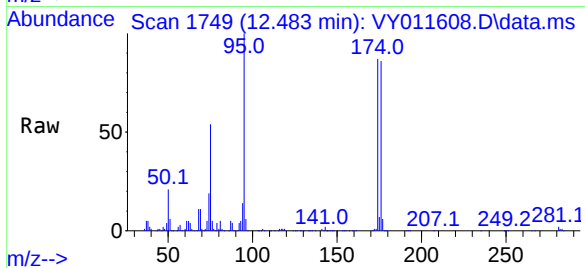




#81
trans-1,4-Dichloro-2-butene
Concen: 104.782 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011608.D
Acq: 28 Nov 2022 18:40

Instrument :
MSVOA_Y
ClientSampleId :
WSH-STOCK-1128

Tgt Ion: 75 Resp: 73065
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 4.111 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY011608.D
Acq: 28 Nov 2022 18:40

Tgt Ion: 128 Resp: 497
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

