

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112822\
 Data File : VY011606.D
 Acq On : 28 Nov 2022 17:53
 Operator : KP/MD
 Sample : N5787-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1-STOCK

Quant Time: Nov 29 00:26:29 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)

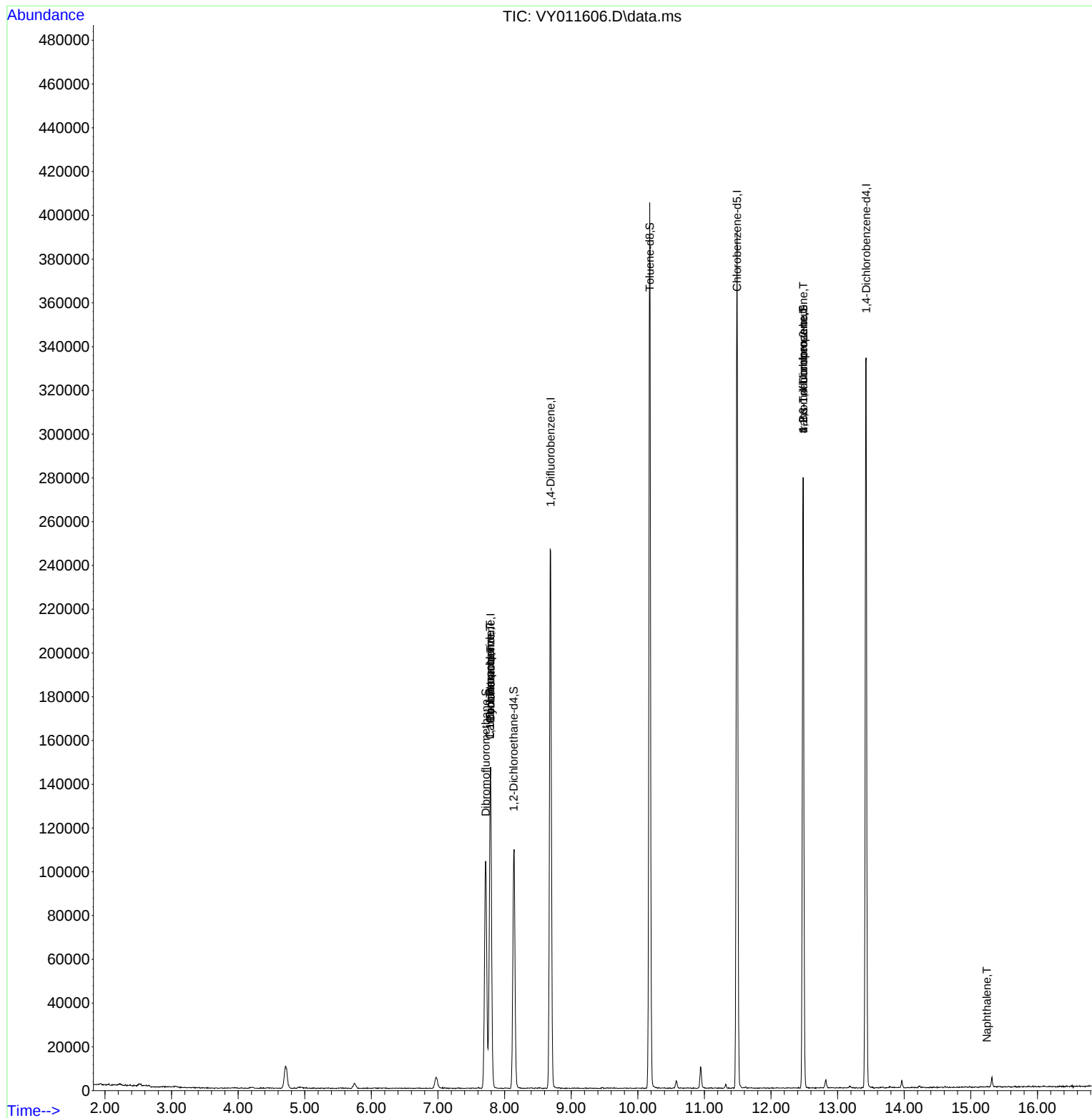
Internal Standards						
1) Pentafluorobenzene	7.789	168	111760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	209152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	206130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85409	75.263	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.520%	
35) Dibromofluoromethane	7.716	113	73530	57.110	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.220%	
50) Toluene-d8	10.179	98	260218	55.617	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.240%	
62) 4-Bromofluorobenzene	12.483	95	81714	47.237	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.480%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	168	Below Cal	#	44
5) Bromomethane	2.662	94	115	Below Cal	#	78
11) Tert butyl alcohol	4.942	59	439	Below Cal	#	77
18) Methyl Acetate	4.472	43	79	Below Cal	#	56
20) Methylene Chloride	4.716	84	7806	Below Cal	#	82
31) Cyclohexane	7.789	56	2414	1.283	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	8818	4.381	ug/l #	50
38) Carbon Tetrachloride	7.783	117	11777	5.230	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	42830	45.686	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42830	100.068	ug/l #	7
95) Naphthalene	15.239	128	185	4.075	ug/l #	69

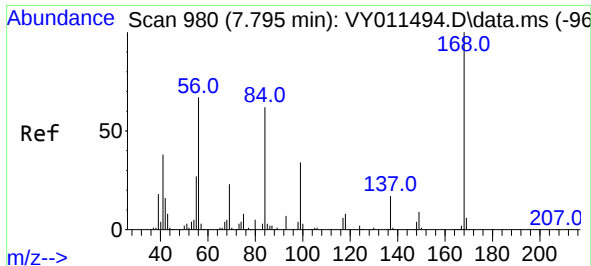
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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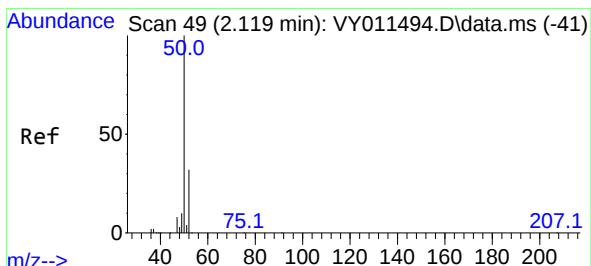
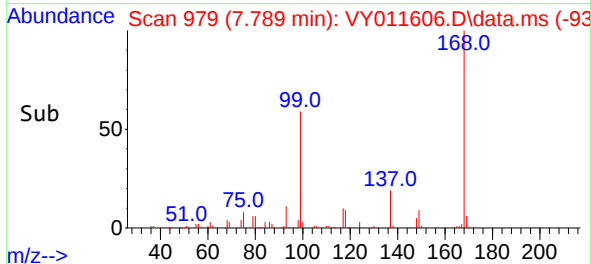
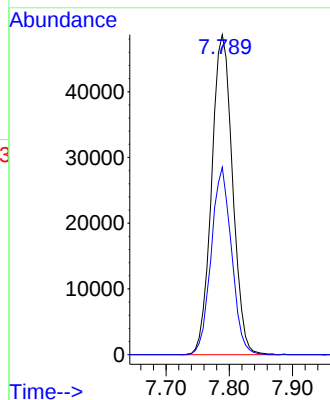
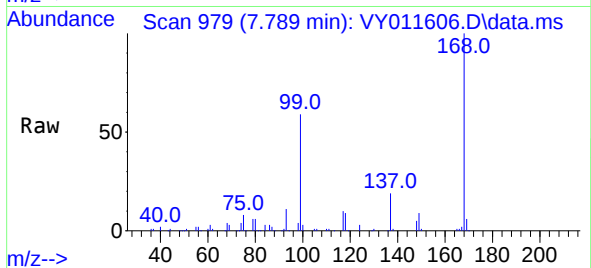




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011606.D
Acq: 28 Nov 2022 17:53

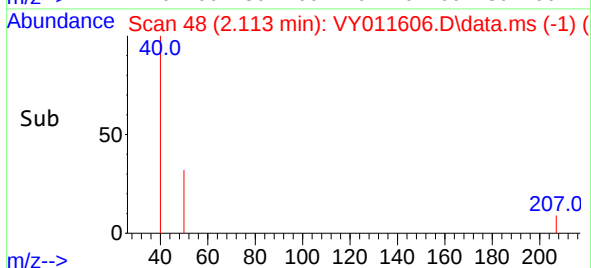
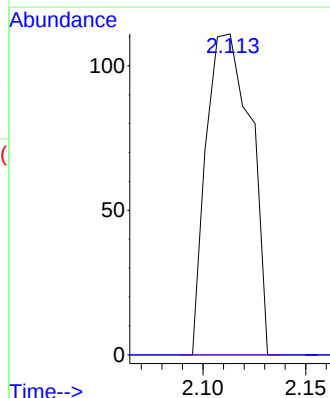
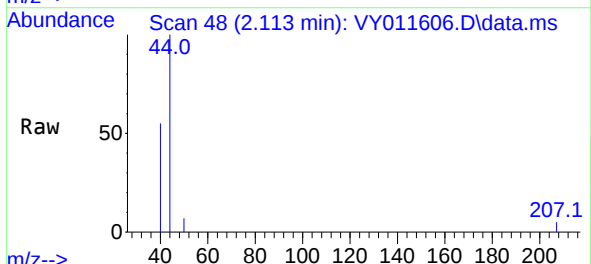
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-STOCK

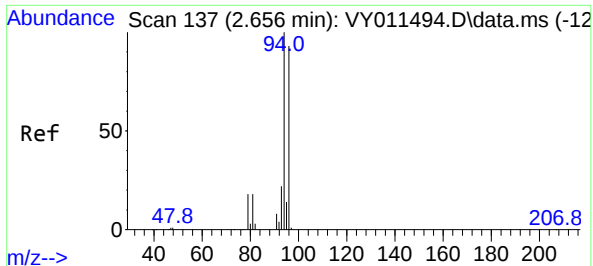
Tgt Ion:168 Resp: 111760
Ion Ratio Lower Upper
168 100
99 58.5 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY011606.D
Acq: 28 Nov 2022 17:53

Tgt Ion: 50 Resp: 168
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

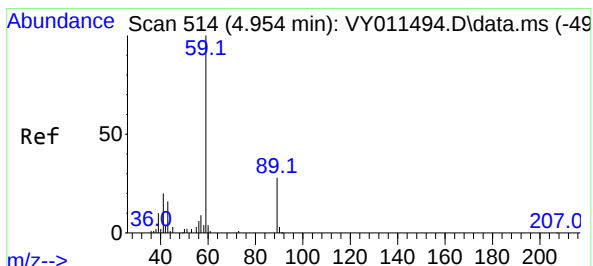
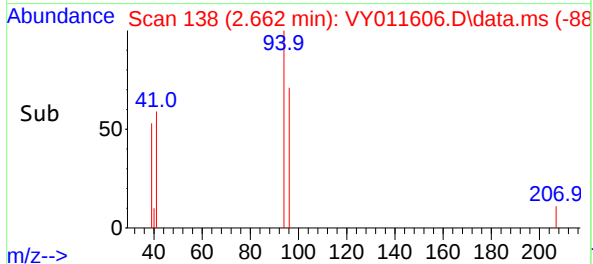
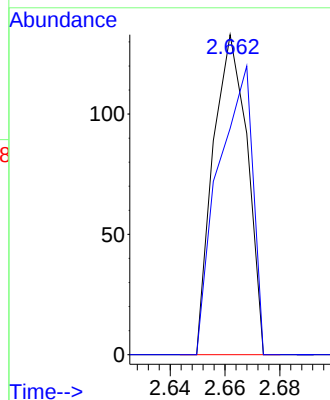
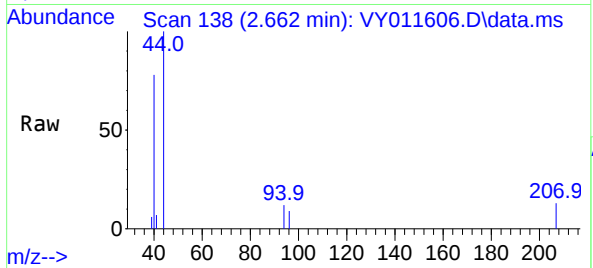




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011606.D
Acq: 28 Nov 2022 17:53

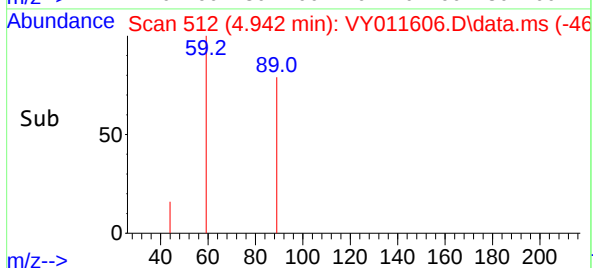
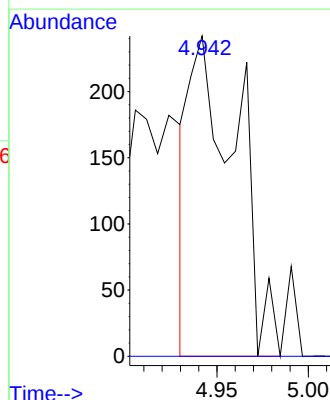
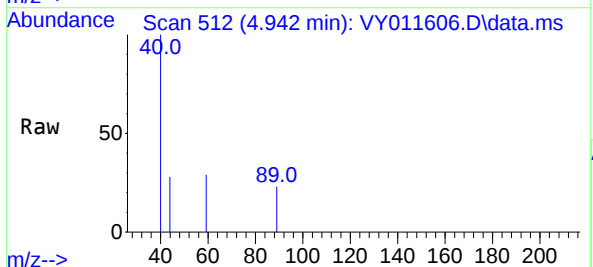
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-STOCK

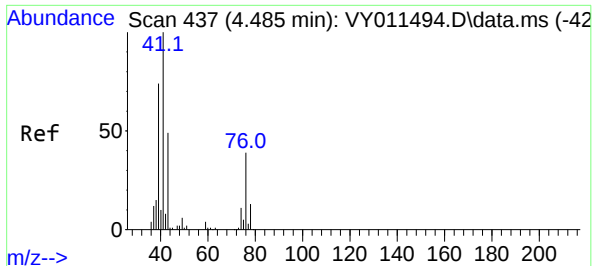
Tgt Ion: 94 Resp: 115
Ion Ratio Lower Upper
94 100
96 70.7 73.5 110.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY011606.D
Acq: 28 Nov 2022 17:53

Tgt Ion: 59 Resp: 439
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.472 min Scan# 41

Delta R.T. -0.013 min

Lab File: VY011606.D

Acq: 28 Nov 2022 17:53

Instrument :

MSVOA_Y

ClientSampleId :

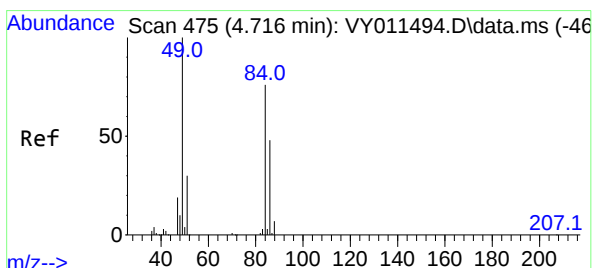
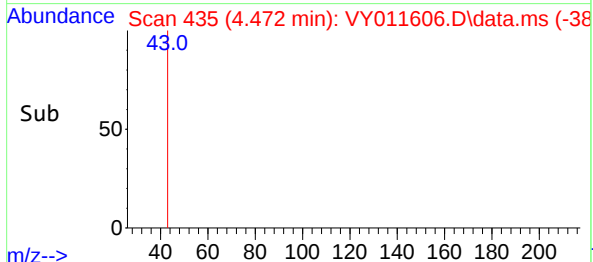
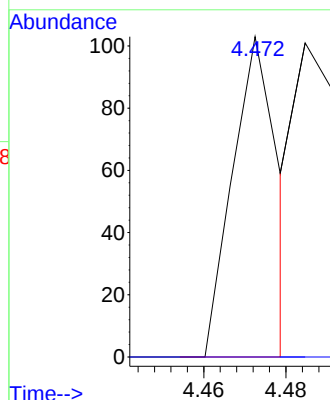
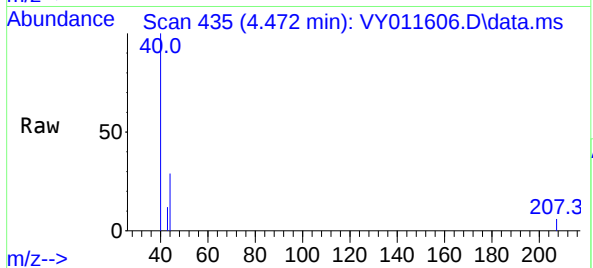
SB-1-STOCK

Tgt Ion: 43 Resp: 79

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: VY011606.D

Acq: 28 Nov 2022 17:53

Tgt Ion: 84 Resp: 7806

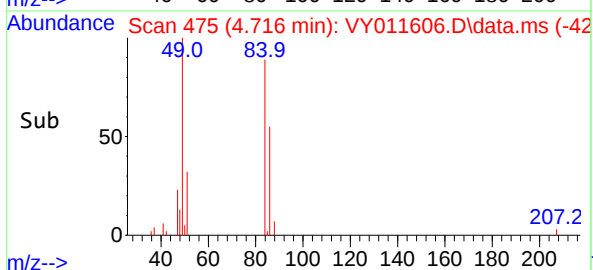
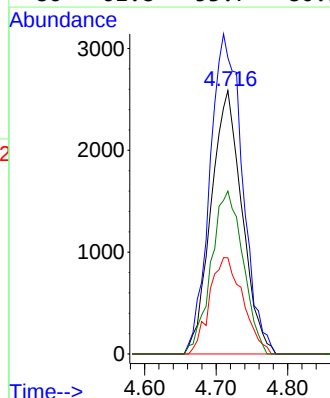
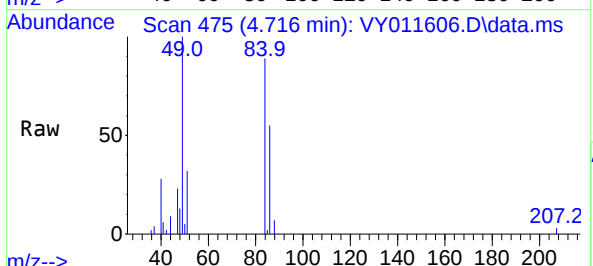
Ion Ratio Lower Upper

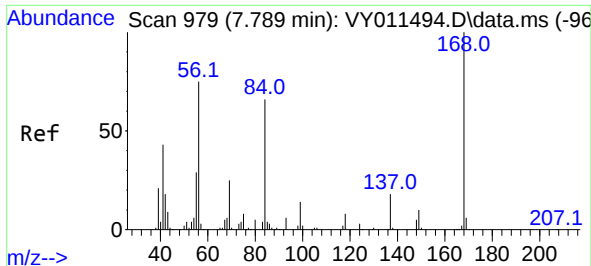
84 100

49 112.4 114.4 171.6#

51 36.5 35.3 52.9

86 61.8 53.7 80.5

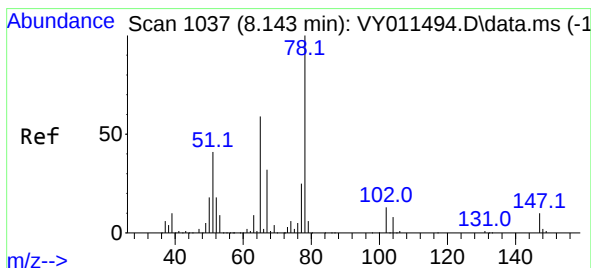
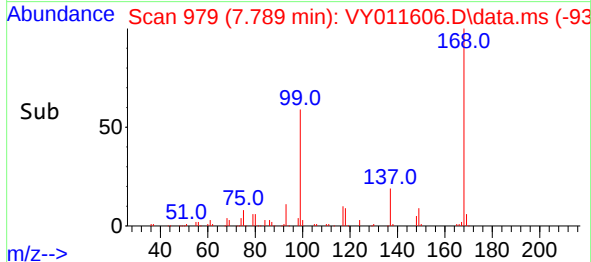
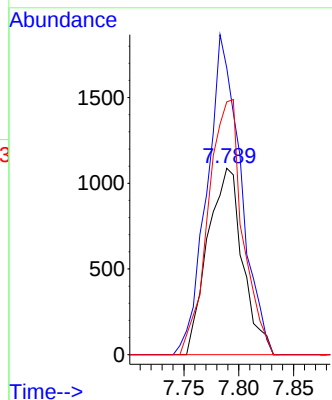
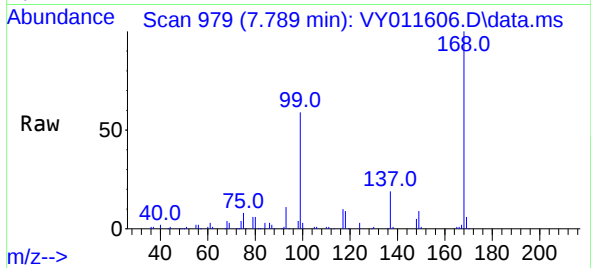




#31
Cyclohexane
Concen: 1.283 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011606.D
Acq: 28 Nov 2022 17:53

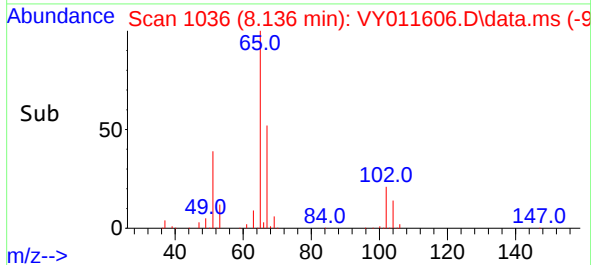
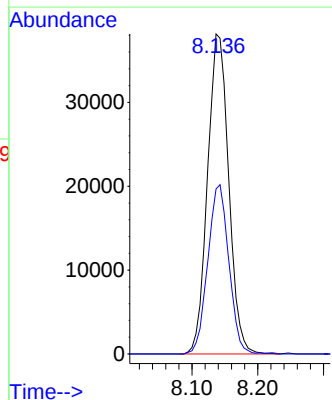
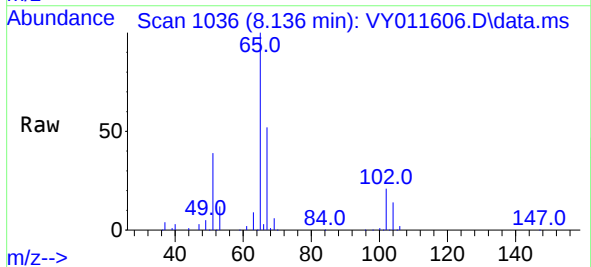
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-STOCK

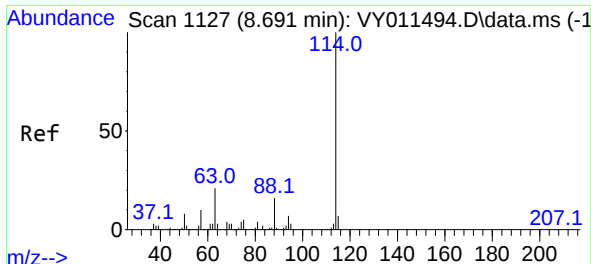
Tgt Ion: 56 Resp: 2414
Ion Ratio Lower Upper
56 100
69 153.8 26.7 40.1#
84 135.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 75.263 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY011606.D
Acq: 28 Nov 2022 17:53

Tgt Ion: 65 Resp: 85409
Ion Ratio Lower Upper
65 100
67 52.6 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: VY011606.D

Acq: 28 Nov 2022 17:53

Instrument :

MSVOA_Y

ClientSampleId :

SB-1-STOCK

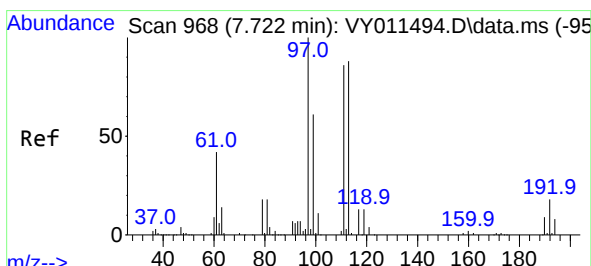
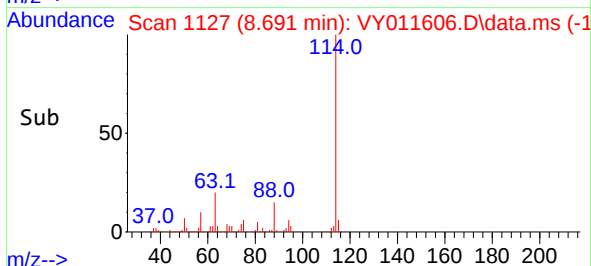
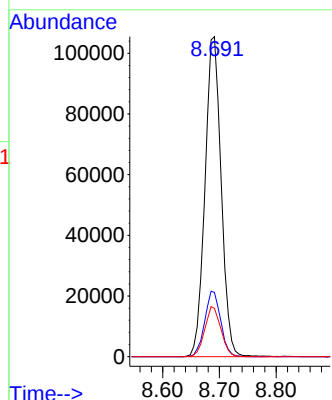
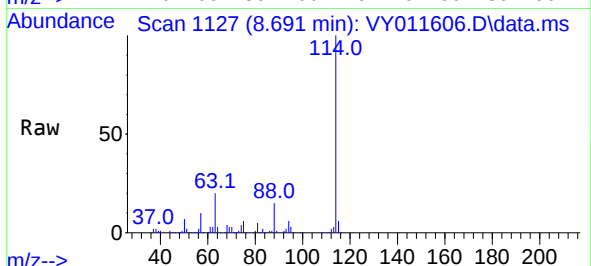
Tgt Ion:114 Resp: 209152

Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 57.110 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011606.D

Acq: 28 Nov 2022 17:53

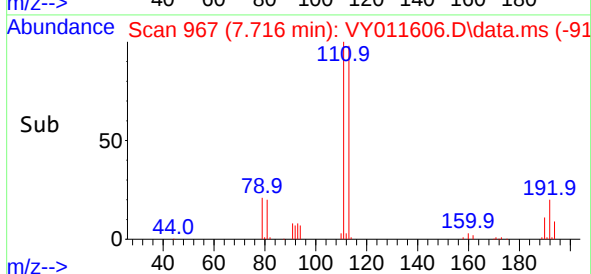
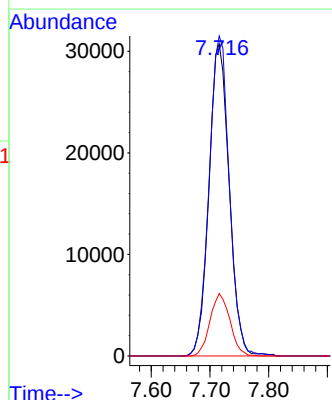
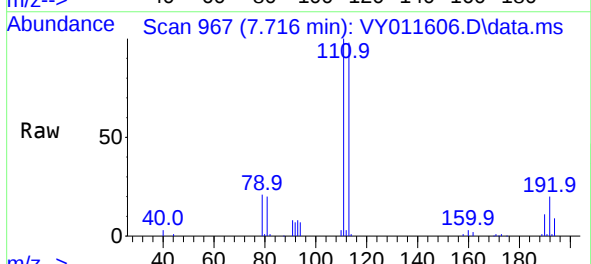
Tgt Ion:113 Resp: 73530

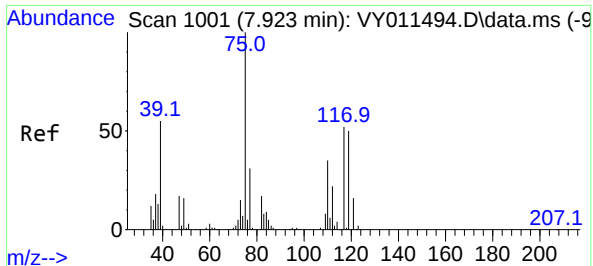
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 19.7 17.6 26.4

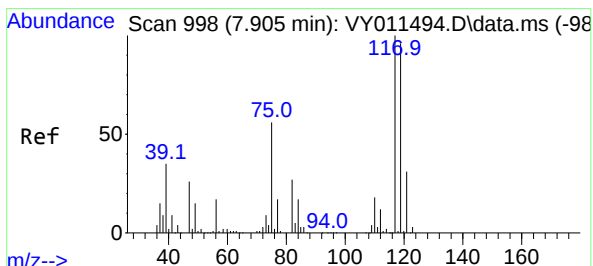
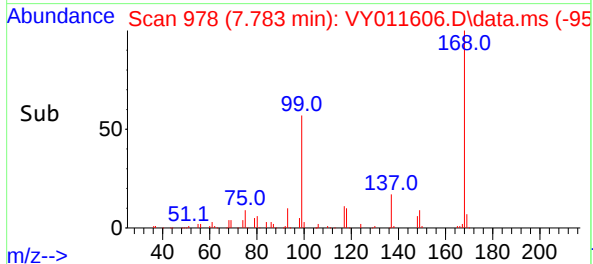
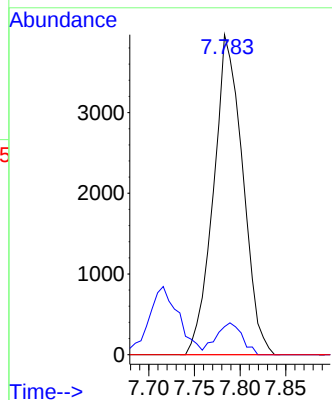
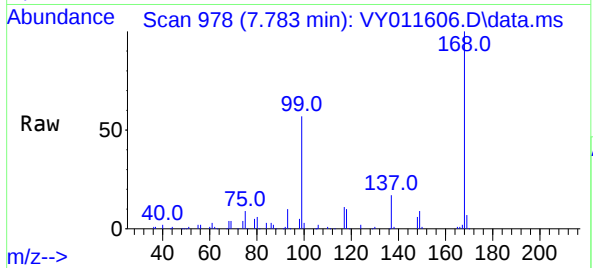




#36
1,1-Dichloropropene
Concen: 4.381 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY011606.D
Acq: 28 Nov 2022 17:53

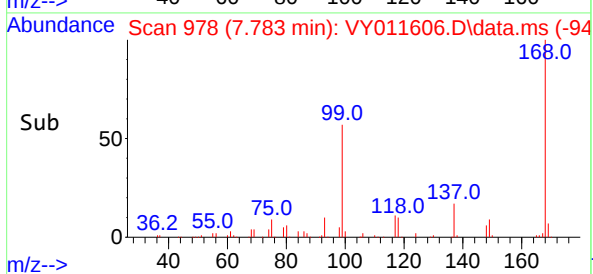
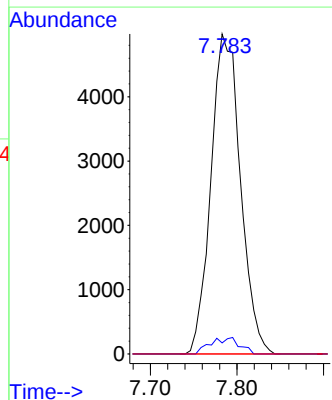
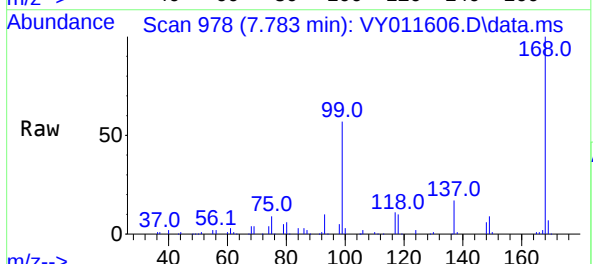
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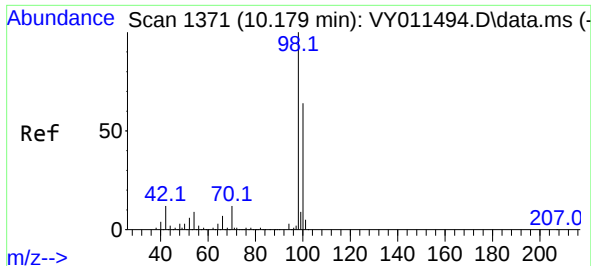
Tgt Ion: 75 Resp: 8818
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.230 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY011606.D
Acq: 28 Nov 2022 17:53

Tgt Ion: 117 Resp: 11777
Ion Ratio Lower Upper
117 100
119 3.5 77.9 116.9#
121 0.0 24.8 37.2#

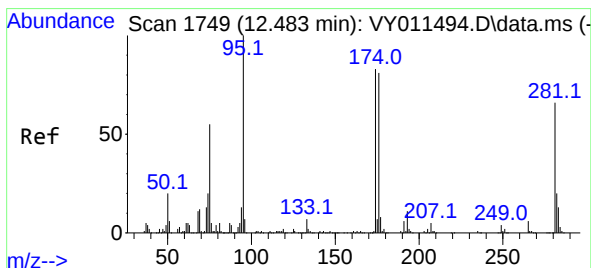
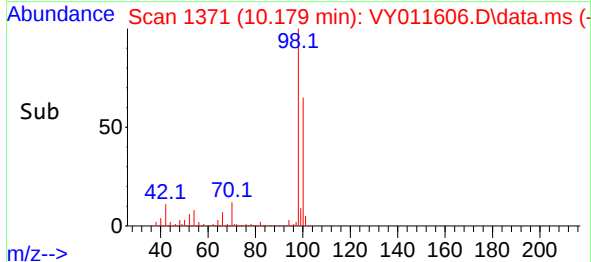
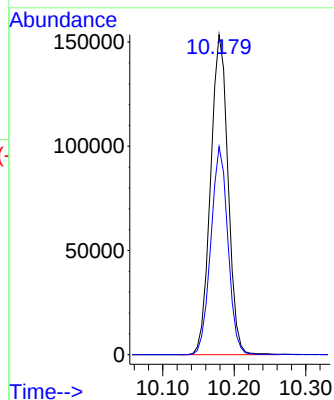
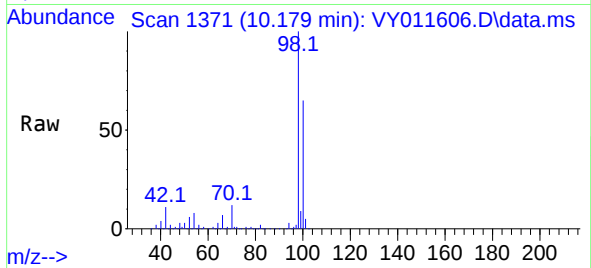




#50
Toluene-d8
Concen: 55.617 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011606.D
Acq: 28 Nov 2022 17:53

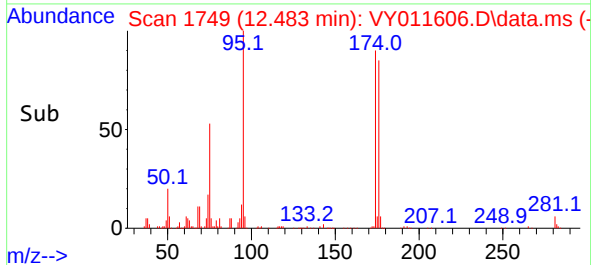
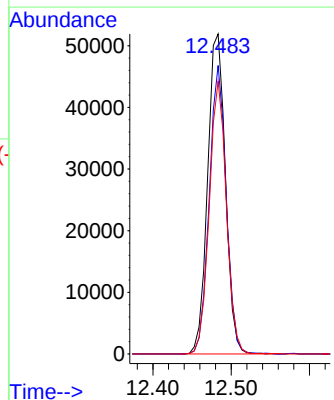
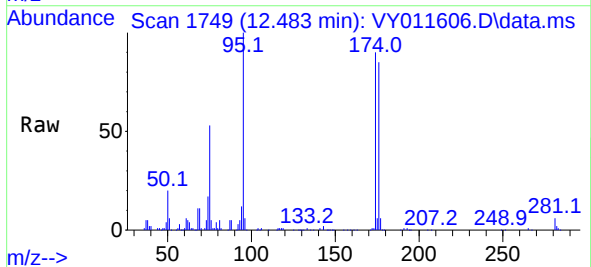
Instrument :
MSVOA_Y
ClientSampleId :
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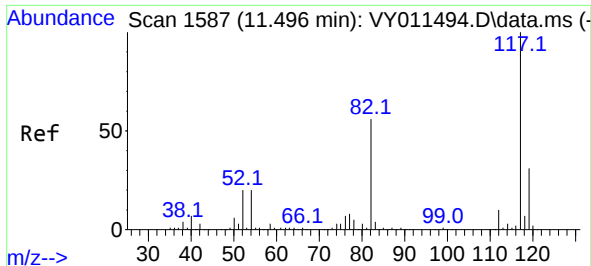
Tgt Ion: 98 Resp: 260218
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.237 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011606.D
Acq: 28 Nov 2022 17:53

Tgt Ion: 95 Resp: 81714
Ion Ratio Lower Upper
95 100
174 86.1 0.0 177.0
176 82.0 0.0 175.8

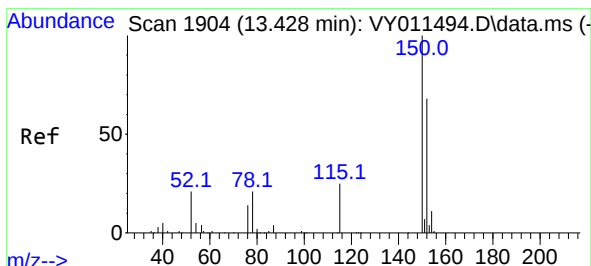
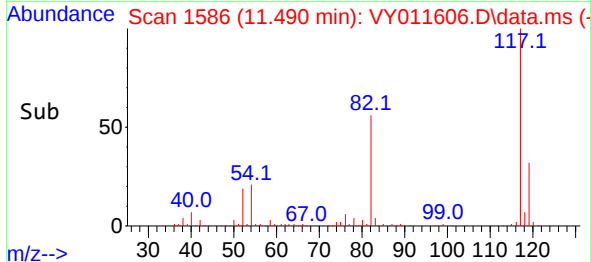
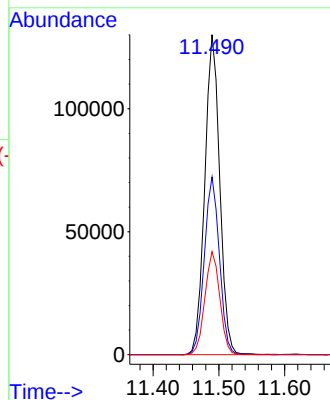
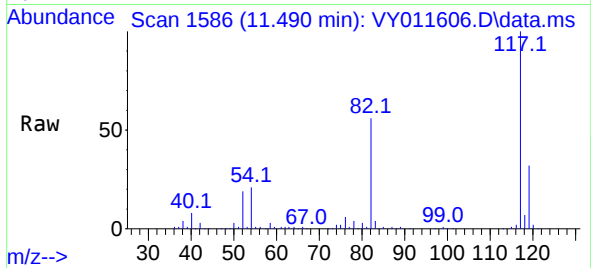




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011606.D
Acq: 28 Nov 2022 17:53

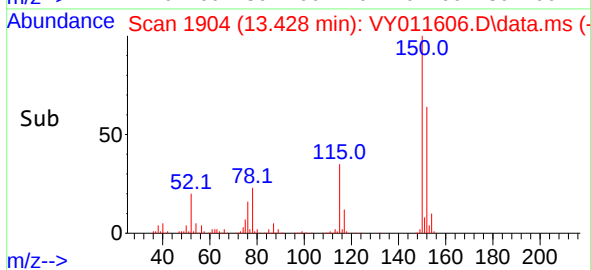
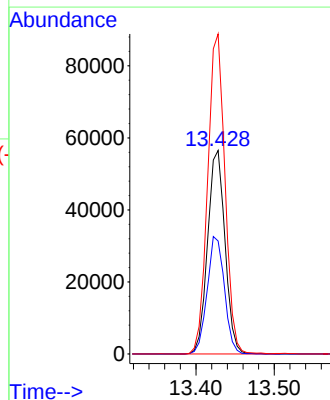
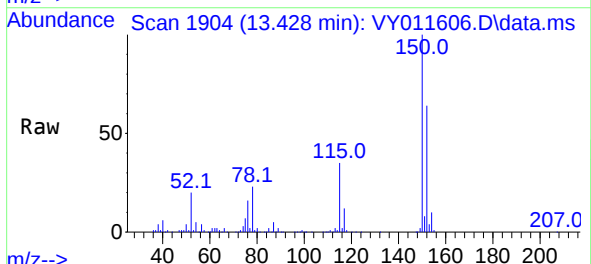
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-STOCK

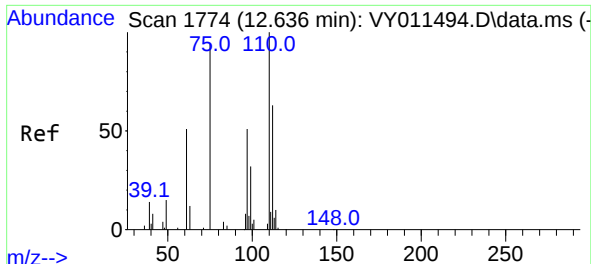
Tgt Ion:117 Resp: 206130
Ion Ratio Lower Upper
117 100
82 55.5 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011606.D
Acq: 28 Nov 2022 17:53

Tgt Ion:152 Resp: 87051
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 156.1 0.0 347.6

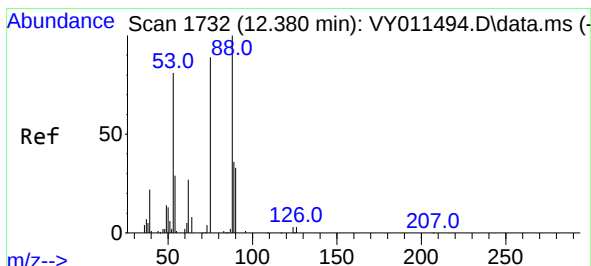
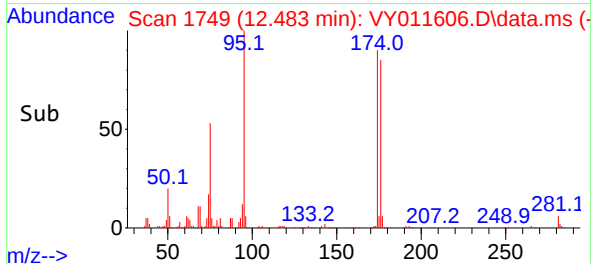
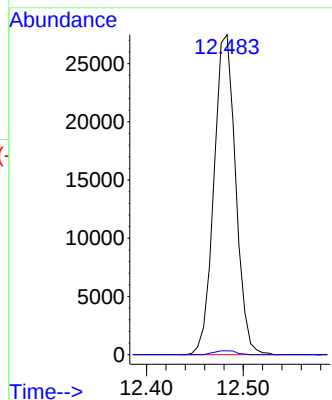
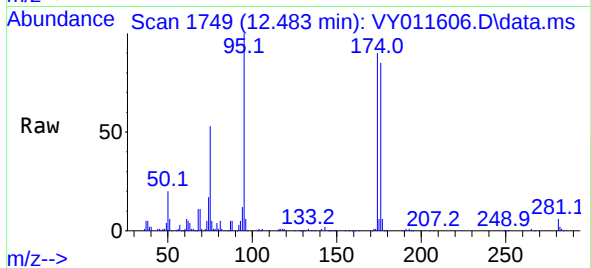




#76
1,2,3-Trichloropropane
Concen: 45.686 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011606.D
Acq: 28 Nov 2022 17:53

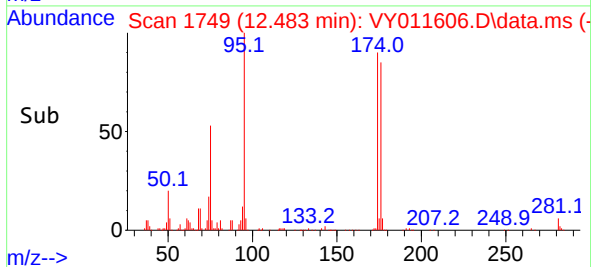
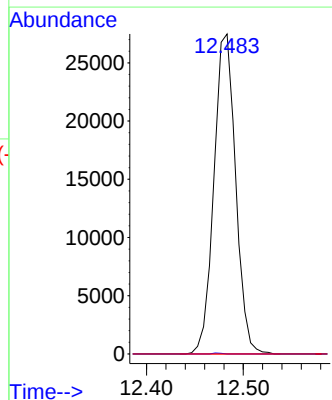
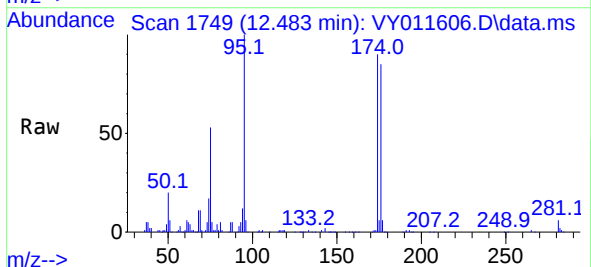
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-STOCK

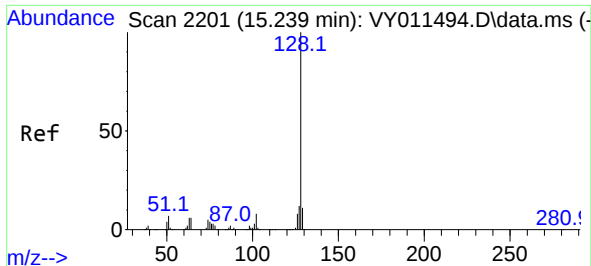
Tgt Ion: 75 Resp: 42830
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.068 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011606.D
Acq: 28 Nov 2022 17:53

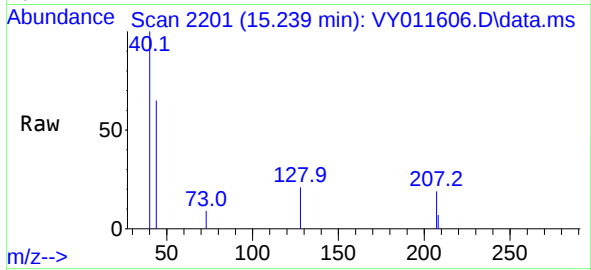
Tgt Ion: 75 Resp: 42830
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 4.075 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011606.D
Acq: 28 Nov 2022 17:53

Instrument :
MSVOA_Y
ClientSampleId :
SB-1-STOCK



Tgt Ion:	128	Resp:	185
Ion	Ratio	Lower	Upper
128	100		
127	0.0	11.0	16.4#
129	0.0	8.4	12.6#

