

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112822\
 Data File : VY011607.D
 Acq On : 28 Nov 2022 18:16
 Operator : KP/MD
 Sample : N5787-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PEQ-STOCK

Quant Time: Nov 29 00:26:39 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)

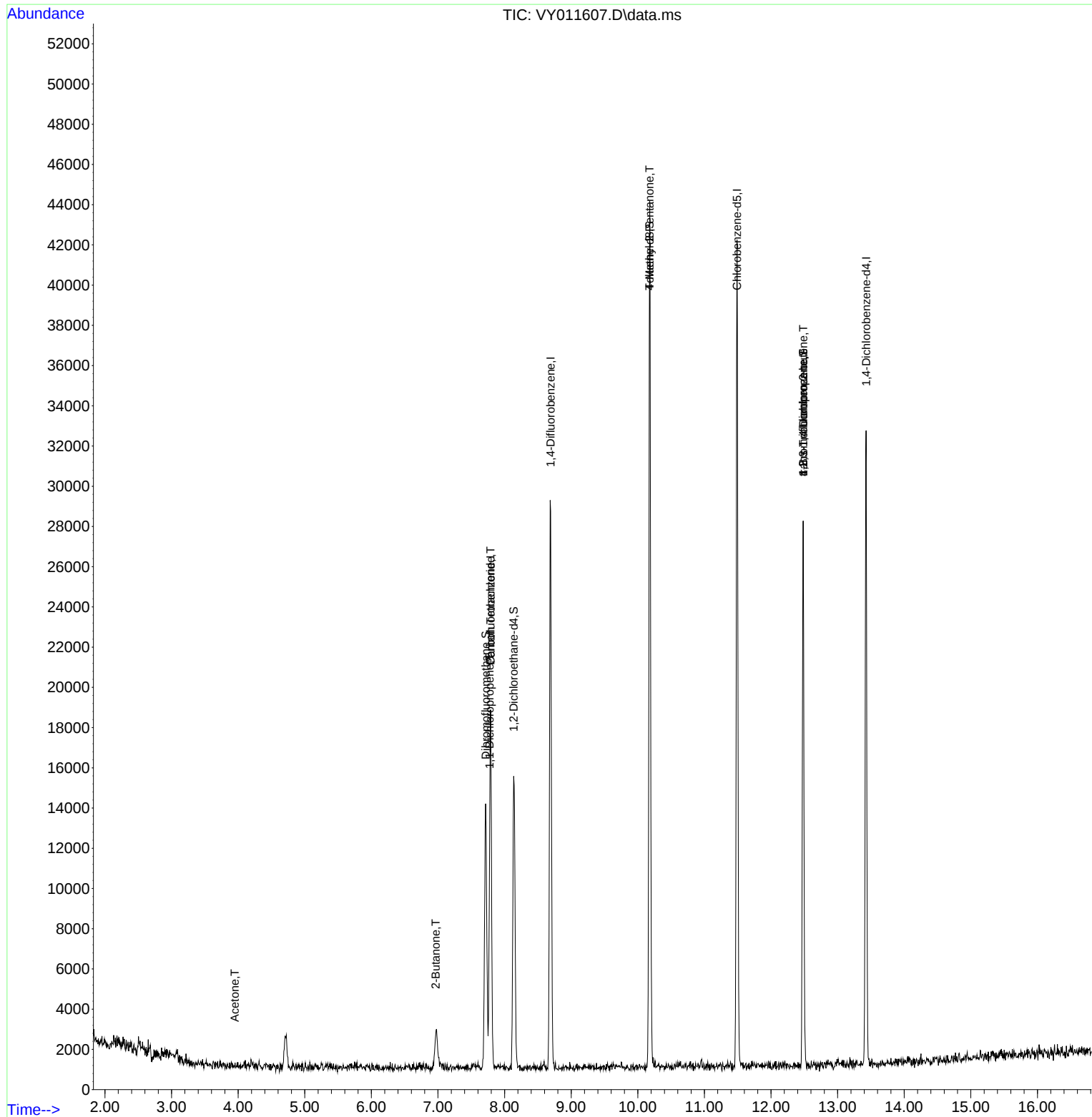
Internal Standards						
1) Pentafluorobenzene	7.789	168	13630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	23628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	23202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	12056	87.111	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 174.220%#			
35) Dibromofluoromethane	7.716	113	9131	62.777	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 125.560%			
50) Toluene-d8	10.179	98	28409	53.748	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.500%			
62) 4-Bromofluorobenzene	12.483	95	8619	44.104	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 88.200%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	83	Below Cal	#	44
5) Bromomethane	2.668	94	26	Below Cal	#	4
11) Tert butyl alcohol	4.942	59	21	Below Cal	#	77
16) Acetone	3.948	43	103	2.291	ug/l #	47
20) Methylene Chloride	4.710	84	1225	Below Cal		84
25) 2-Butanone	6.966	43	68	1.151	ug/l #	54
36) 1,1-Dichloropropene	7.777	75	1107	4.869	ug/l #	42
38) Carbon Tetrachloride	7.789	117	1372	5.394	ug/l #	11
51) 4-Methyl-2-Pentanone	10.179	43	151	1.163	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	4510	48.213	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4510	105.604	ug/l #	7

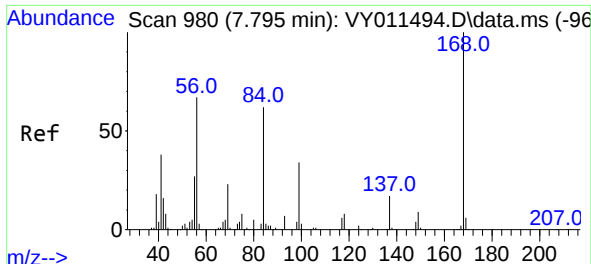
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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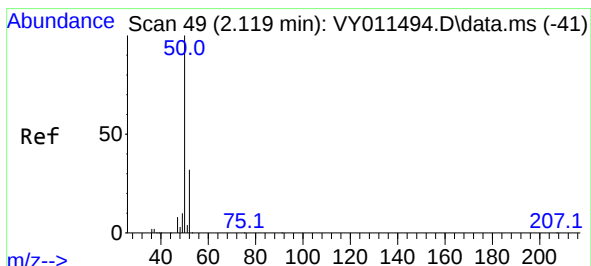
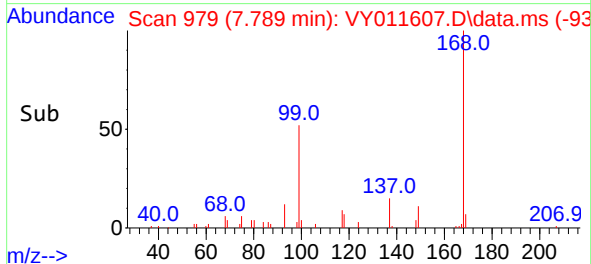
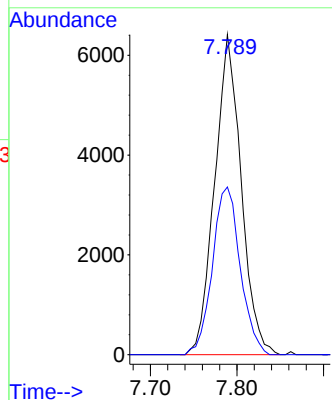
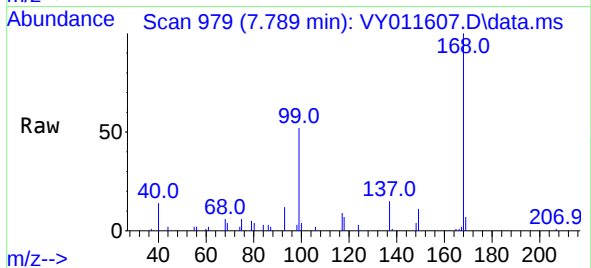




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011607.D
Acq: 28 Nov 2022 18:16

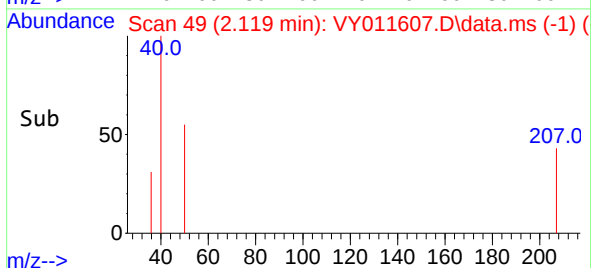
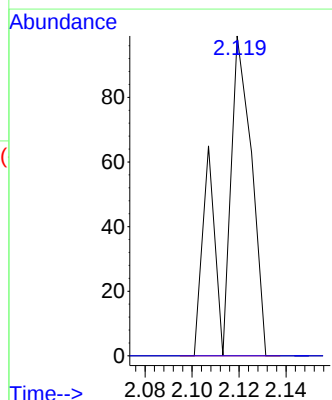
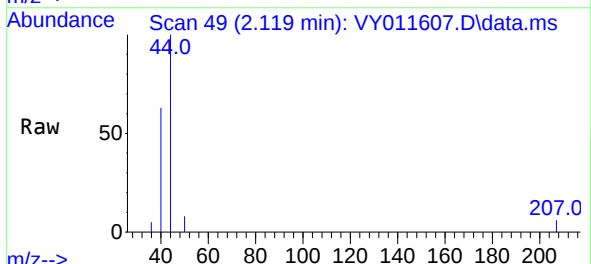
Instrument :
MSVOA_Y
ClientSampleId :
PEQ-STOCK

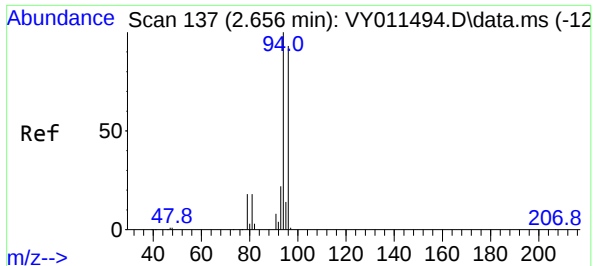
Tgt Ion:168 Resp: 13630
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY011607.D
Acq: 28 Nov 2022 18:16

Tgt Ion: 50 Resp: 83
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

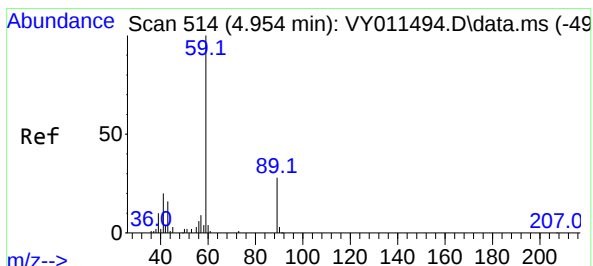
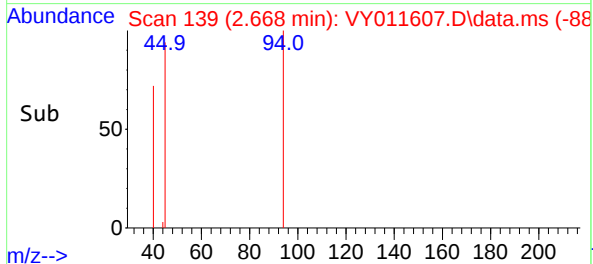
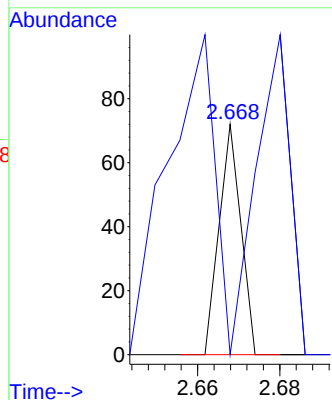
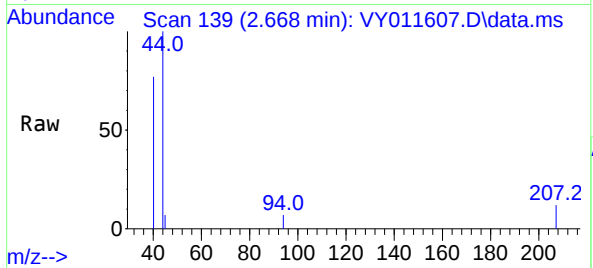




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY011607.D
Acq: 28 Nov 2022 18:16

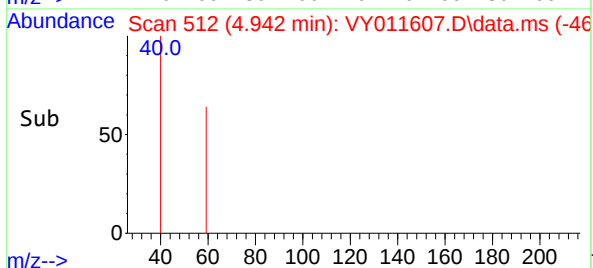
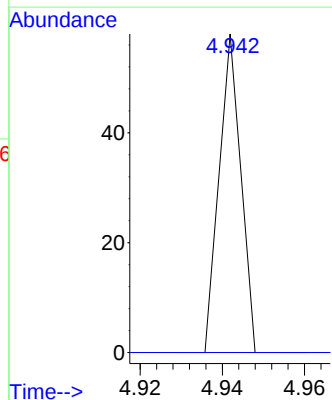
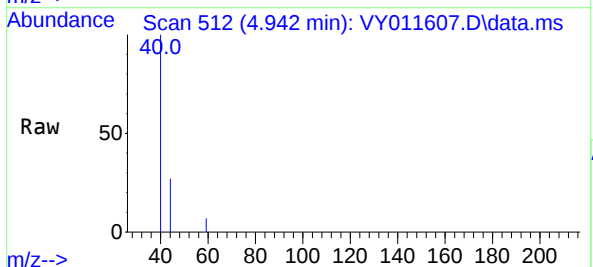
Instrument :
MSVOA_Y
ClientSampleId :
PEQ-STOCK

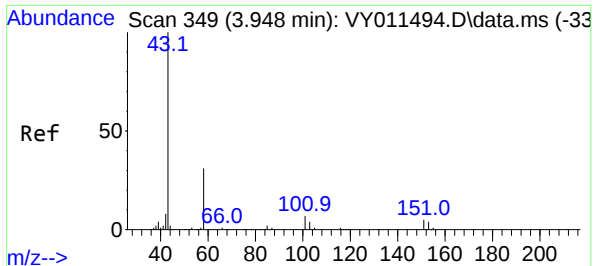
Tgt Ion: 94 Resp: 26
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY011607.D
Acq: 28 Nov 2022 18:16

Tgt Ion: 59 Resp: 21
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

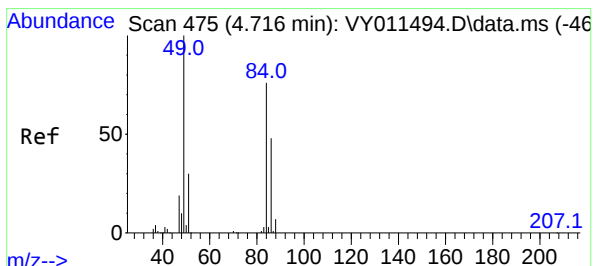
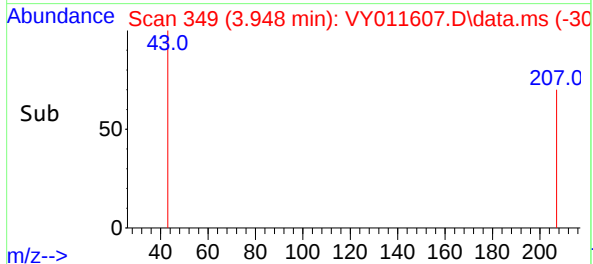
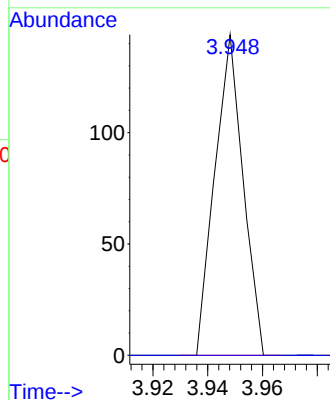
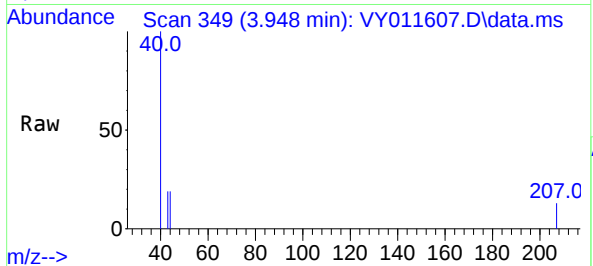




#16
Acetone
Concen: 2.291 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011607.D
Acq: 28 Nov 2022 18:16

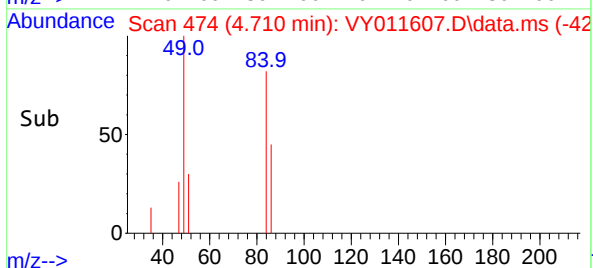
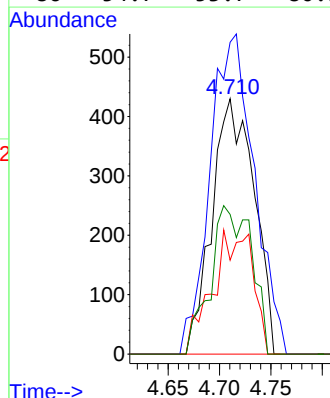
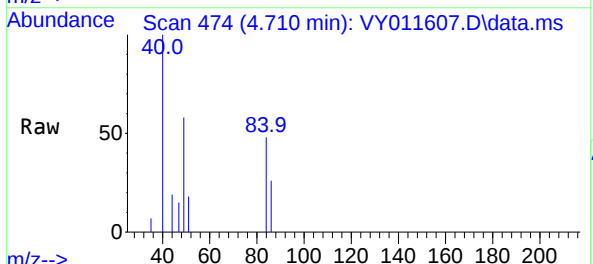
Instrument :
MSVOA_Y
ClientSampleId :
PEQ-STOCK

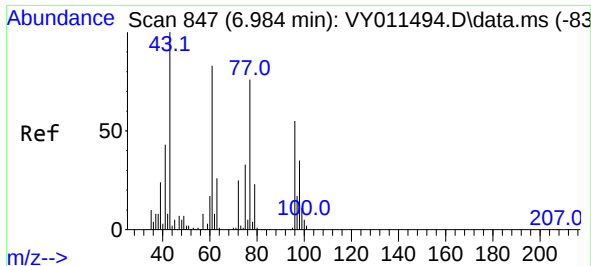
Tgt Ion: 43 Resp: 103
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY011607.D
Acq: 28 Nov 2022 18:16

Tgt Ion: 84 Resp: 1225
Ion Ratio Lower Upper
84 100
49 122.1 114.4 171.6
51 36.7 35.3 52.9
86 54.7 53.7 80.5

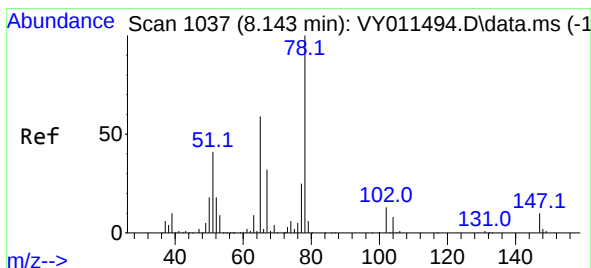
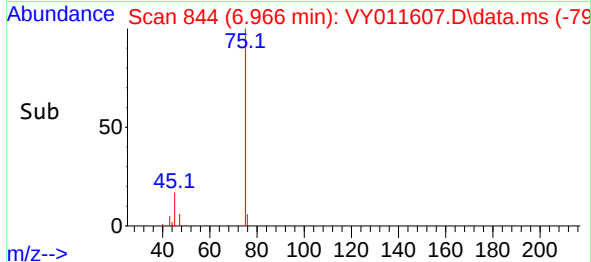
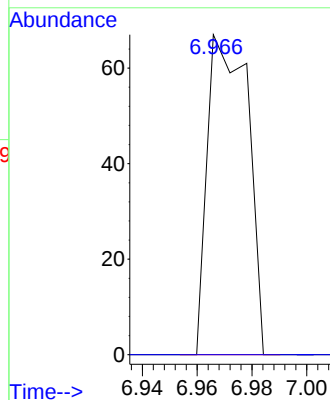
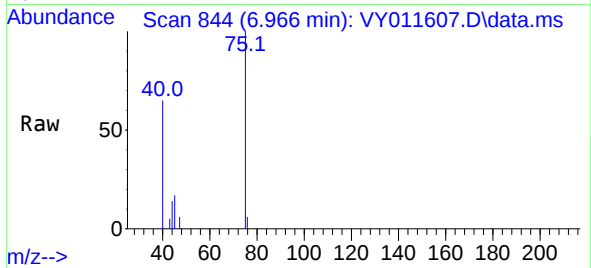




#25
2-Butanone
Concen: 1.151 ug/l
RT: 6.966 min Scan# 84
Delta R.T. -0.018 min
Lab File: VY011607.D
Acq: 28 Nov 2022 18:16

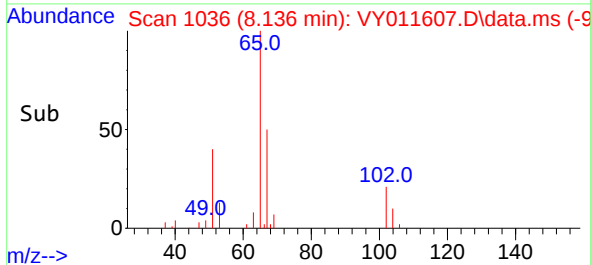
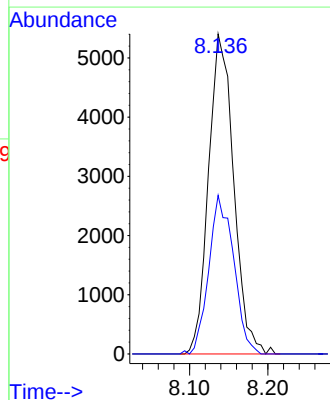
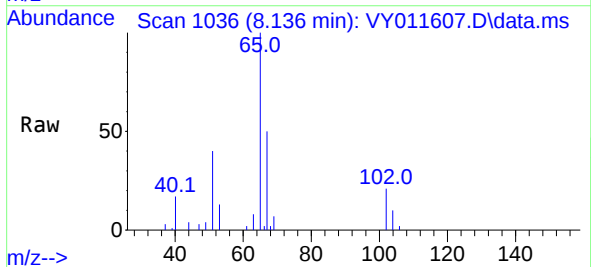
Instrument :
MSVOA_Y
ClientSampleId :
PEQ-STOCK

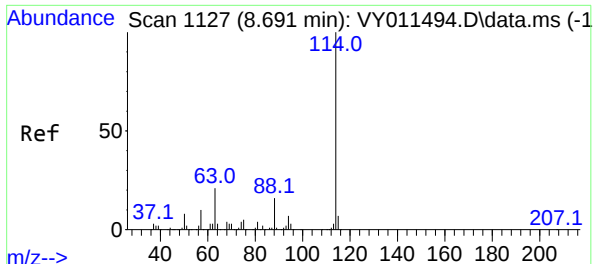
Tgt Ion: 43 Resp: 68
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 87.111 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY011607.D
Acq: 28 Nov 2022 18:16

Tgt Ion: 65 Resp: 12056
Ion Ratio Lower Upper
65 100
67 49.1 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: VY011607.D

Acq: 28 Nov 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

PEQ-STOCK

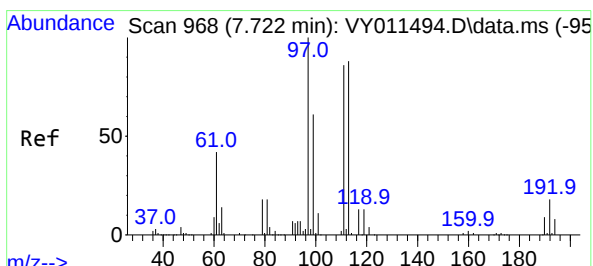
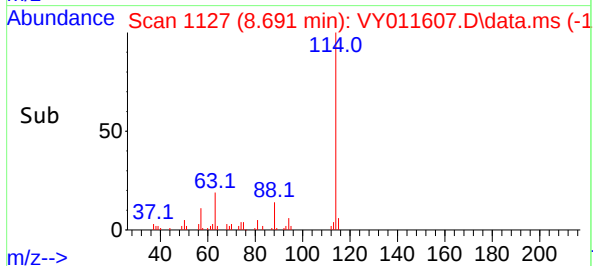
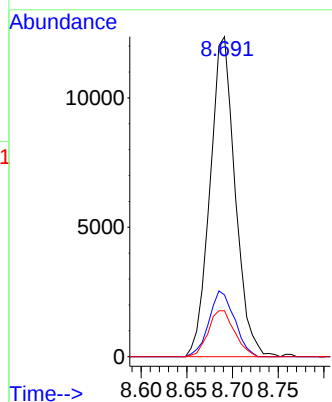
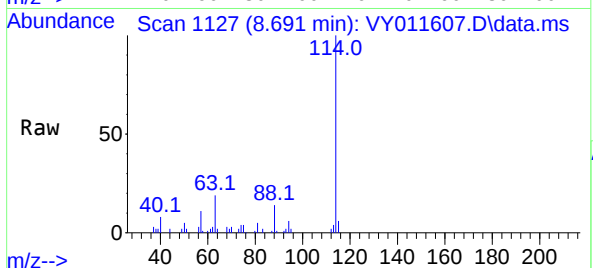
Tgt Ion:114 Resp: 23628

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 62.777 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011607.D

Acq: 28 Nov 2022 18:16

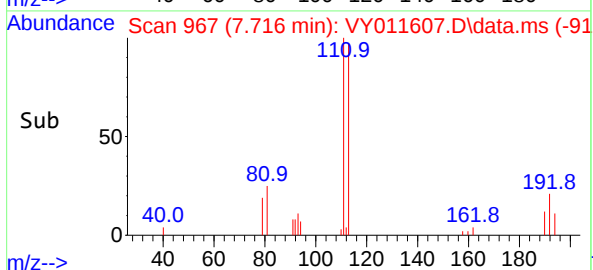
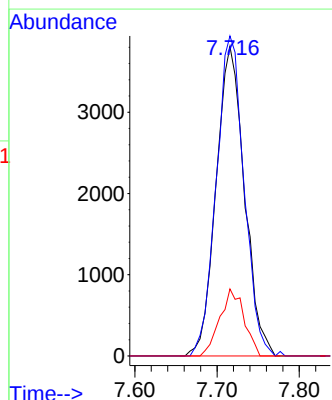
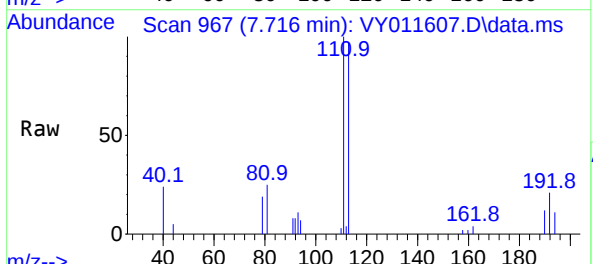
Tgt Ion:113 Resp: 9131

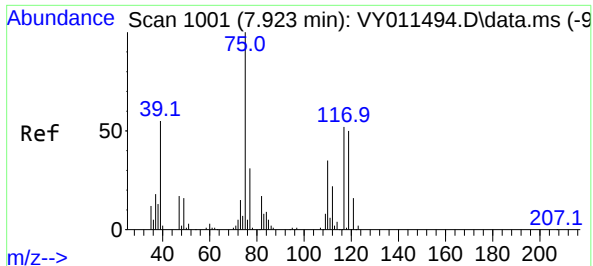
Ion Ratio Lower Upper

113 100

111 101.2 82.6 124.0

192 18.5 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.869 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.146 min

Lab File: VY011607.D

Acq: 28 Nov 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

PEQ-STOCK

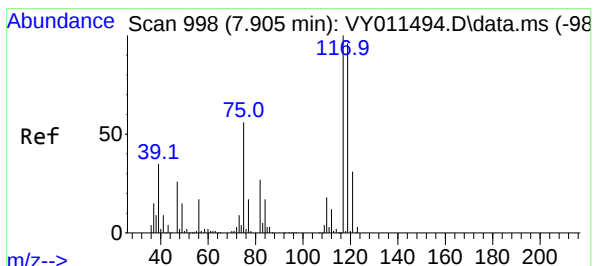
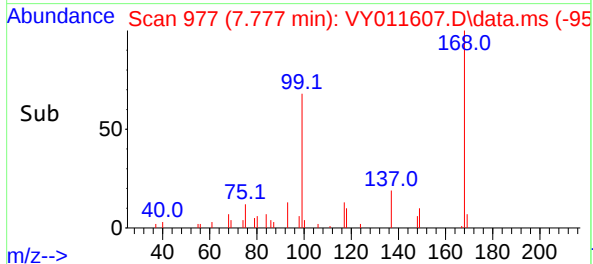
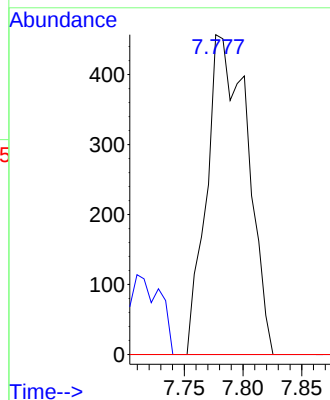
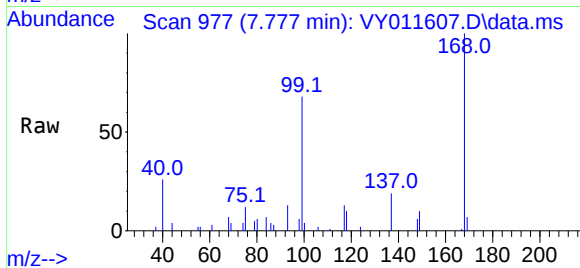
Tgt Ion: 75 Resp: 1107

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.394 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011607.D

Acq: 28 Nov 2022 18:16

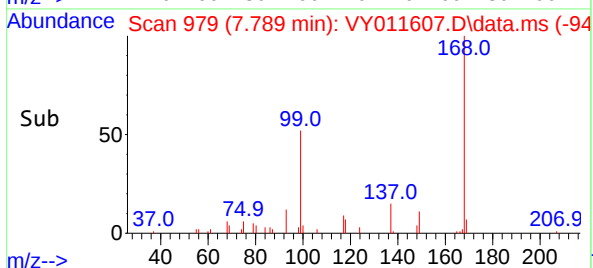
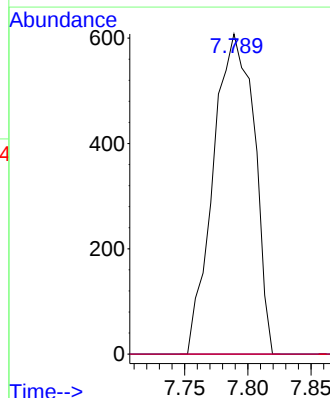
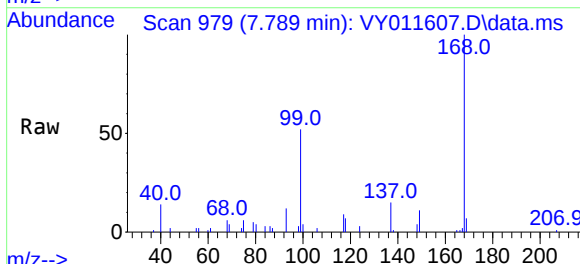
Tgt Ion: 117 Resp: 1372

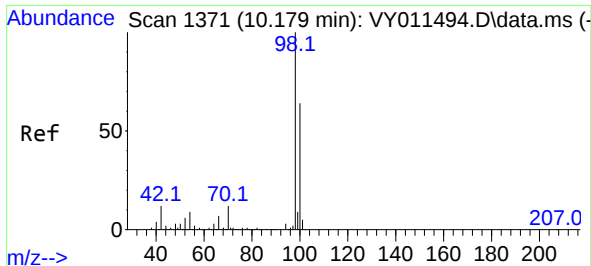
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

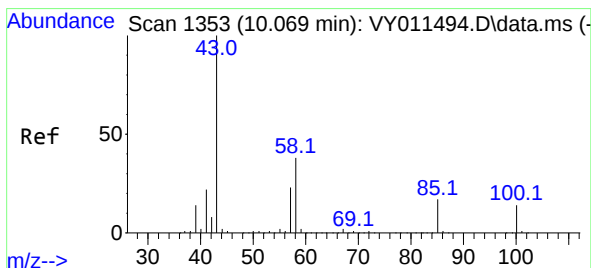
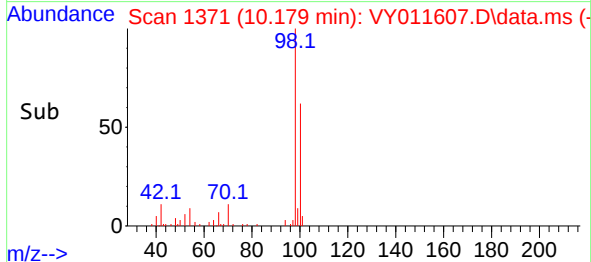
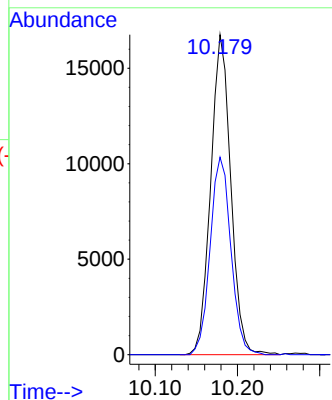
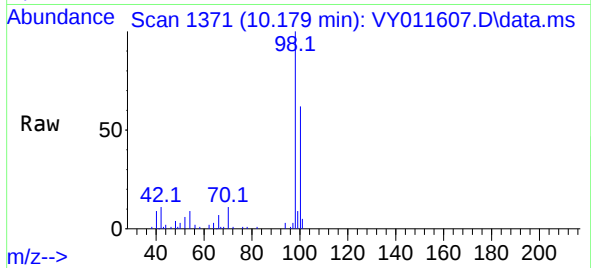




#50
Toluene-d8
Concen: 53.748 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011607.D
Acq: 28 Nov 2022 18:16

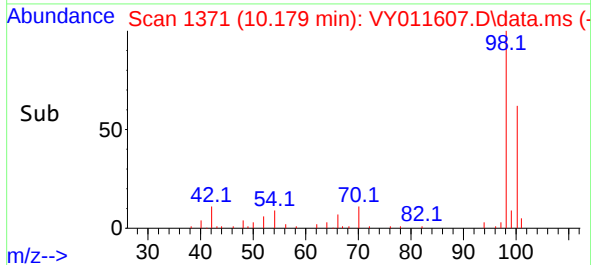
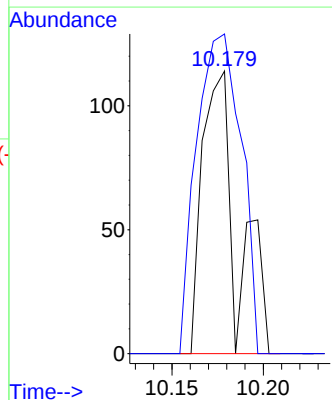
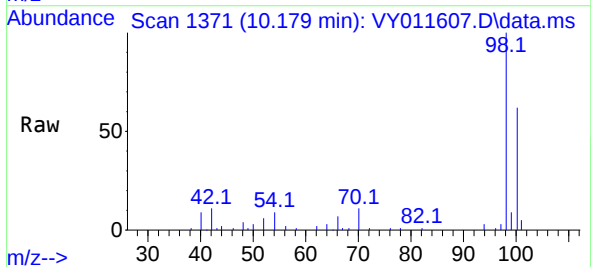
Instrument :
MSVOA_Y
ClientSampleId :
PEQ-STOCK

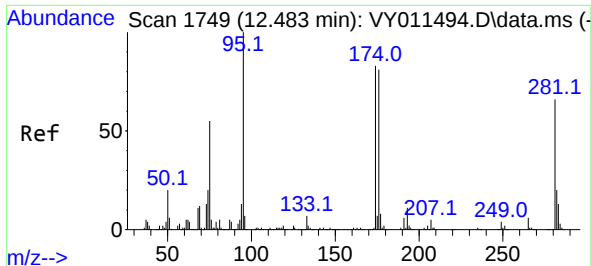
Tgt Ion: 98 Resp: 28409
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.163 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY011607.D
Acq: 28 Nov 2022 18:16

Tgt Ion: 43 Resp: 151
Ion Ratio Lower Upper
43 100
58 145.0 28.1 42.1#

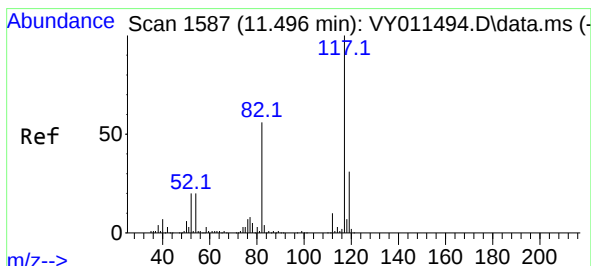
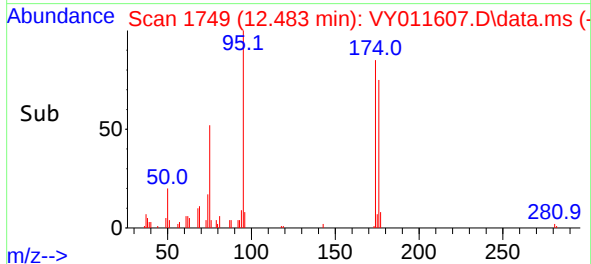
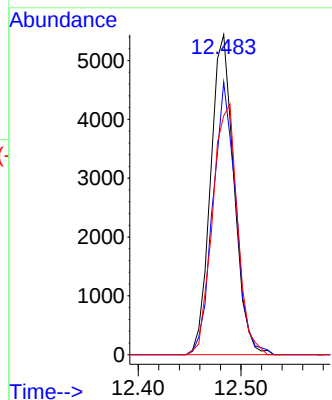
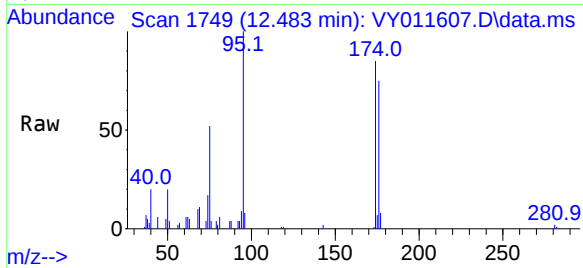




#62
4-Bromofluorobenzene
Concen: 44.104 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011607.D
Acq: 28 Nov 2022 18:16

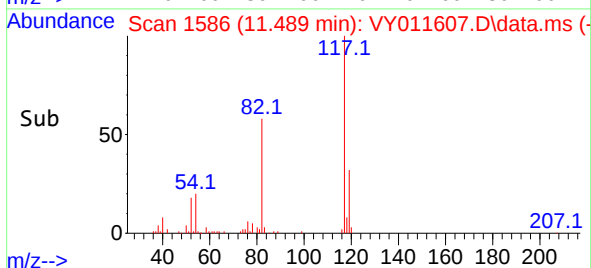
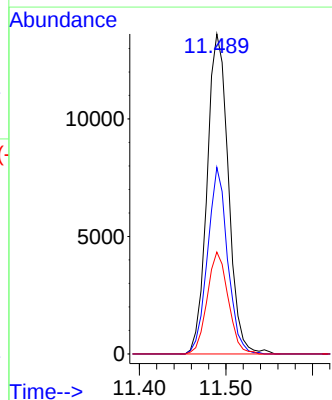
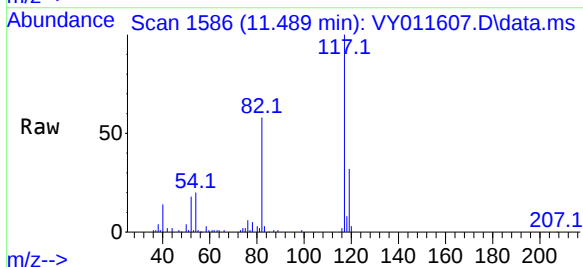
Instrument :
MSVOA_Y
ClientSampleId :
PEQ-STOCK

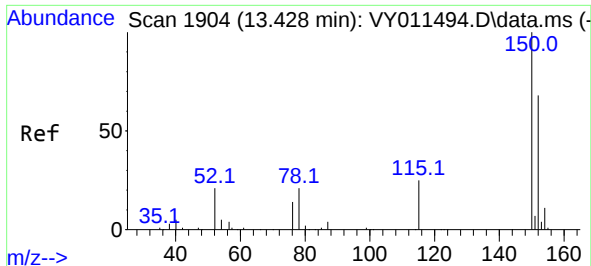
Tgt Ion: 95 Resp: 8619
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 83.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY011607.D
Acq: 28 Nov 2022 18:16

Tgt Ion: 117 Resp: 23202
Ion Ratio Lower Upper
117 100
82 58.3 43.0 64.4
119 31.8 25.4 38.0

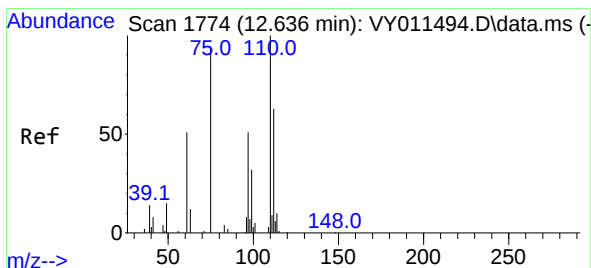
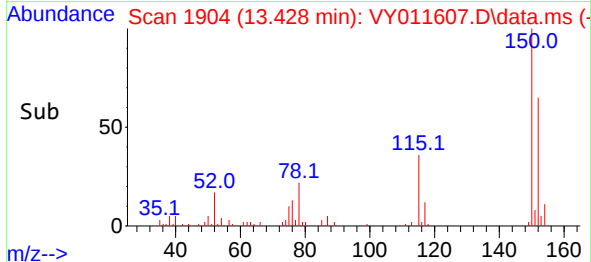
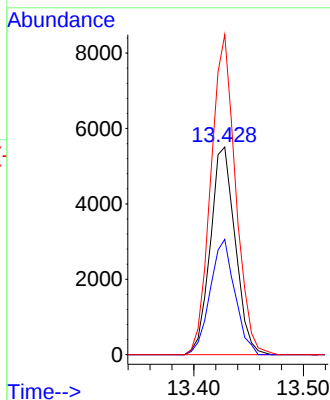
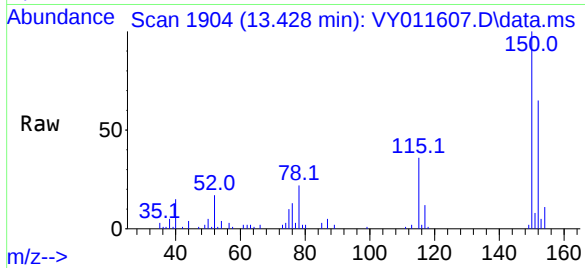




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011607.D
Acq: 28 Nov 2022 18:16

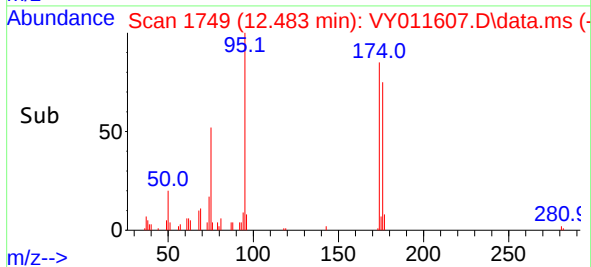
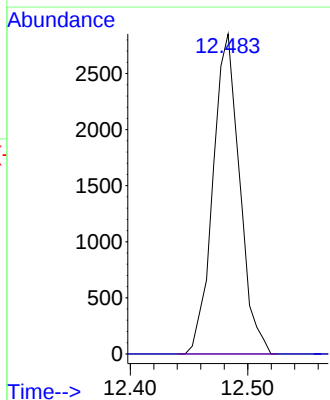
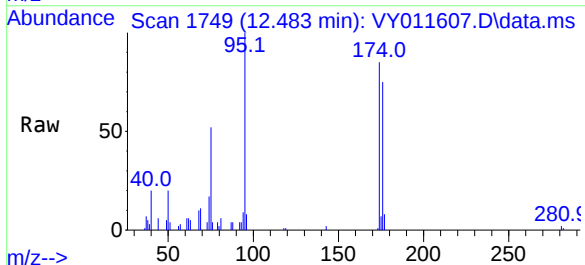
Instrument :
MSVOA_Y
ClientSampleId :
PEQ-STOCK

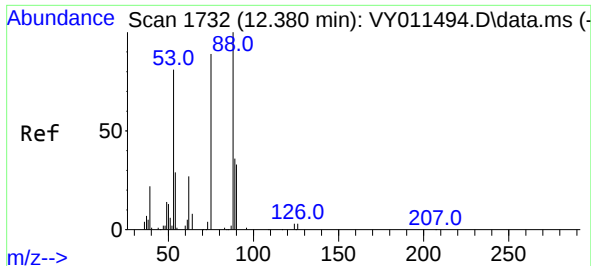
Tgt Ion:152 Resp: 8686
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 153.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 48.213 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011607.D
Acq: 28 Nov 2022 18:16

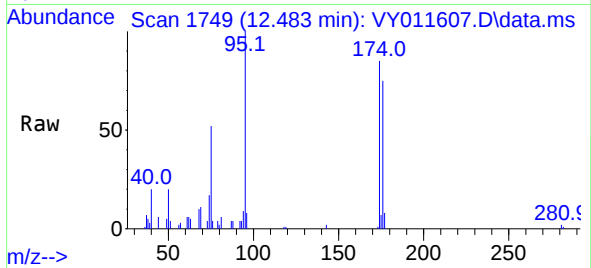
Tgt Ion: 75 Resp: 4510
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.604 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY011607.D
 Acq: 28 Nov 2022 18:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 PEQ-STOCK



Tgt Ion: 75 Resp: 4510
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

