

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120222\
 Data File : VY011682.D
 Acq On : 02 Dec 2022 14:48
 Operator : KP/MD
 Sample : N5845-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 02 23:52:51 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)

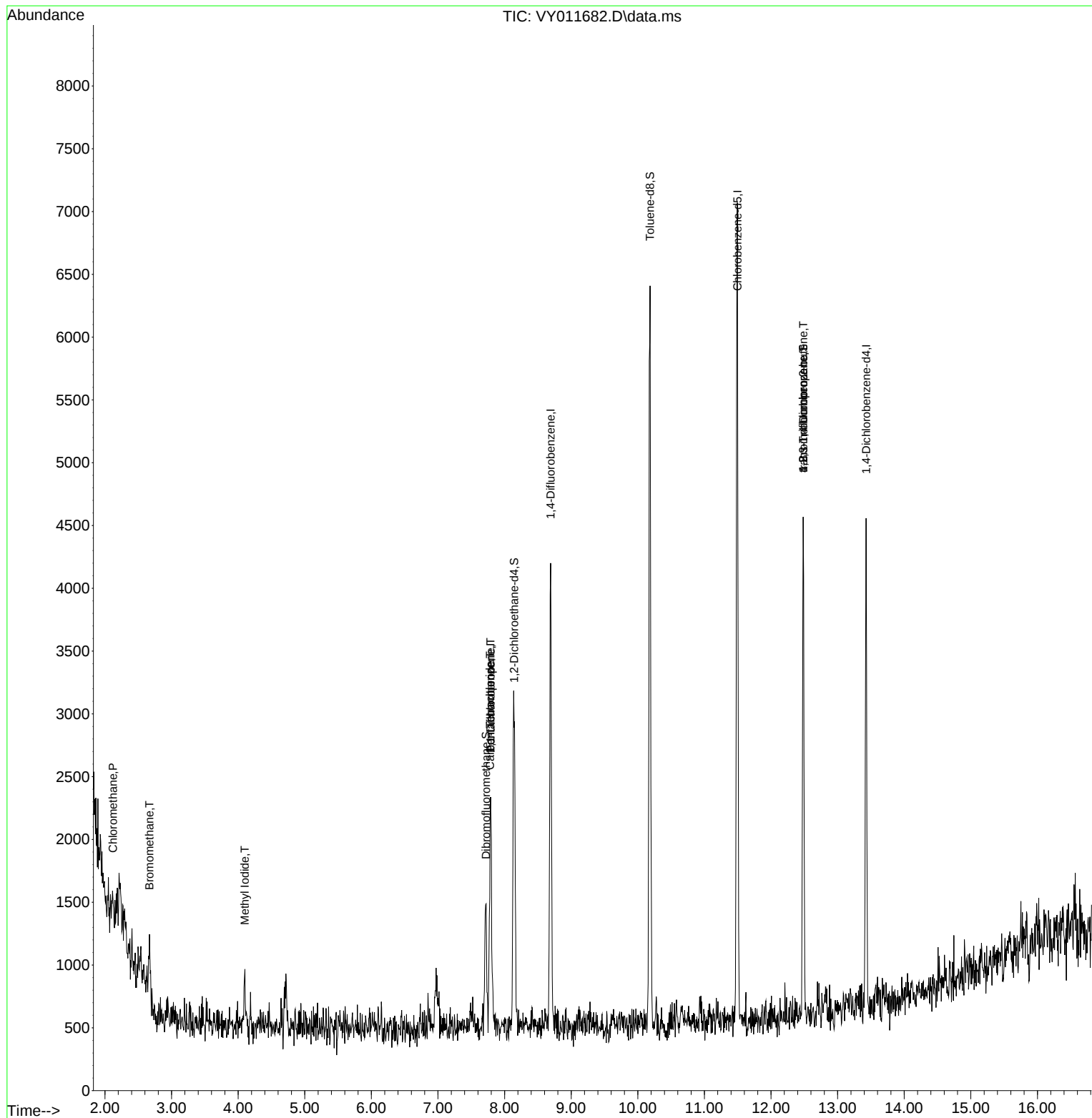
Internal Standards						
1) Pentafluorobenzene	7.789	168	1832	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	3645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	4004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2356	126.653	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	253.300%#
35) Dibromofluoromethane	7.722	113	853	38.015	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.040%
50) Toluene-d8	10.185	98	4485	55.004	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.000%
62) 4-Bromofluorobenzene	12.483	95	1494	49.557	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.120%
Target Compounds						
						Qvalue
3) Chloromethane	2.119	50	88	1.338	ug/l	# 44
5) Bromomethane	2.668	94	169	9.545	ug/l	95
10) Methyl Iodide	4.101	142	433	21.146	ug/l	# 69
36) 1,1-Dichloropropene	7.789	75	114	3.250	ug/l	# 42
38) Carbon Tetrachloride	7.783	117	131	3.338	ug/l	# 11
76) 1,2,3-Trichloropropane	12.483	75	722	60.074	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	722	131.582	ug/l	# 7

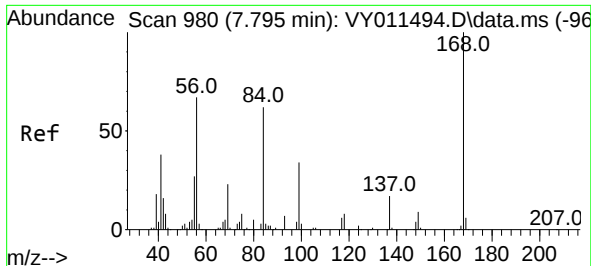
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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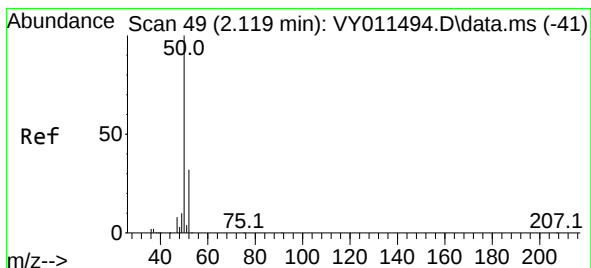
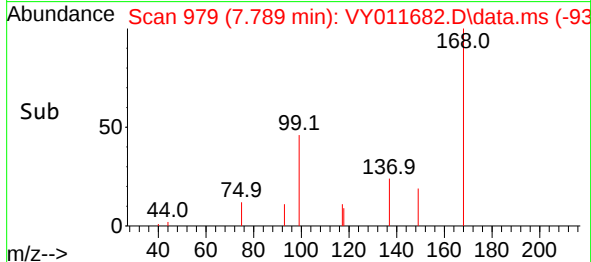
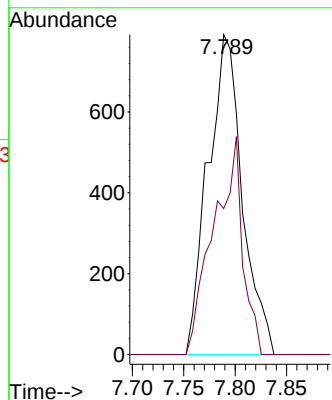
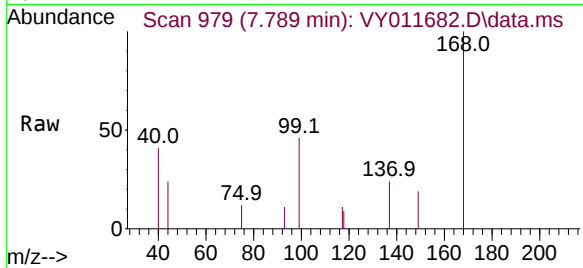




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011682.D
Acq: 02 Dec 2022 14:48

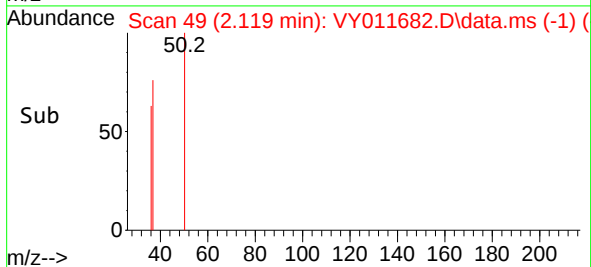
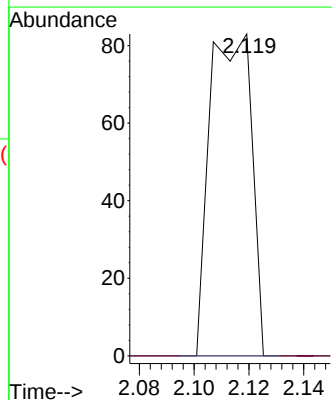
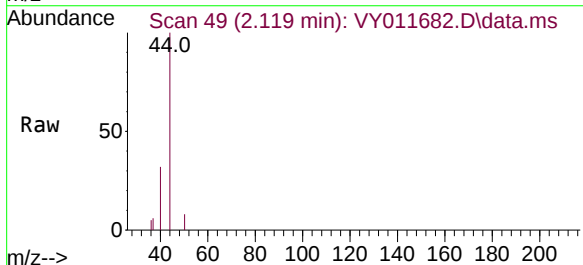
Instrument :
MSVOA_Y
ClientSampleId :

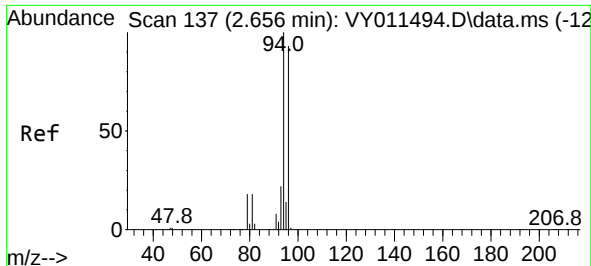
Tgt Ion:168 Resp: 1832
Ion Ratio Lower Upper
168 100
99 45.6 46.9 70.3#



#3
Chloromethane
Concen: 1.338 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY011682.D
Acq: 02 Dec 2022 14:48

Tgt Ion: 50 Resp: 88
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

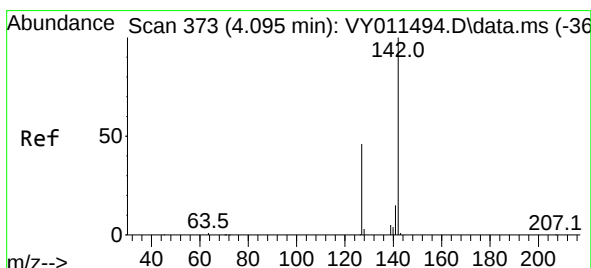
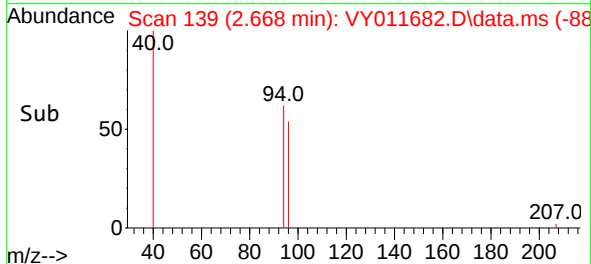
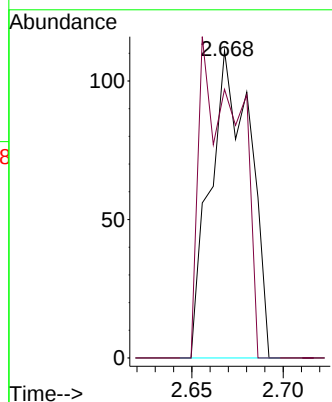
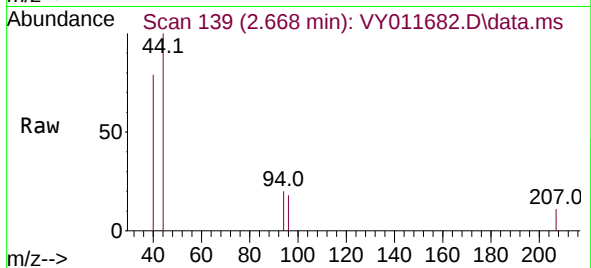




#5
Bromomethane
Concen: 9.545 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY011682.D
Acq: 02 Dec 2022 14:48

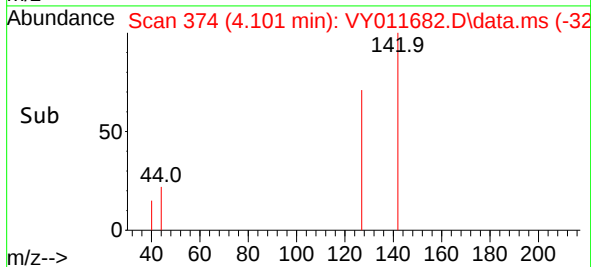
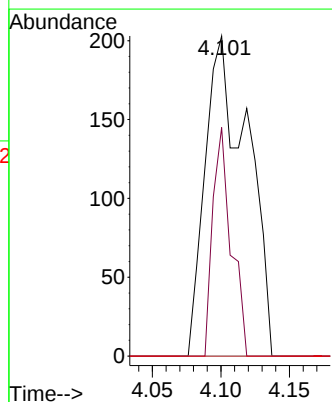
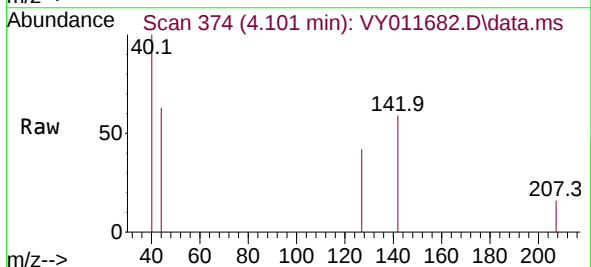
Instrument :
MSVOA_Y
ClientSampleId :

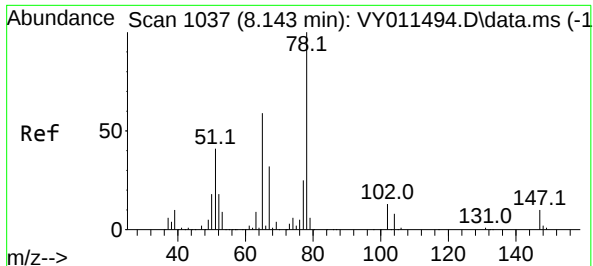
Tgt Ion: 94 Resp: 169
Ion Ratio Lower Upper
94 100
96 87.4 73.5 110.3



#10
Methyl Iodide
Concen: 21.146 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY011682.D
Acq: 02 Dec 2022 14:48

Tgt Ion:142 Resp: 433
Ion Ratio Lower Upper
142 100
127 31.2 41.5 62.3#
141 0.0 11.9 17.9#





#33

1,2-Dichloroethane-d4

Concen: 126.653 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011682.D

Acq: 02 Dec 2022 14:48

Instrument :

MSVOA_Y

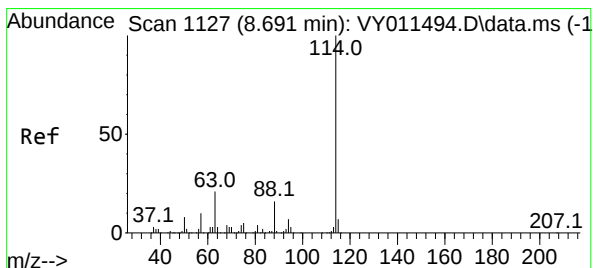
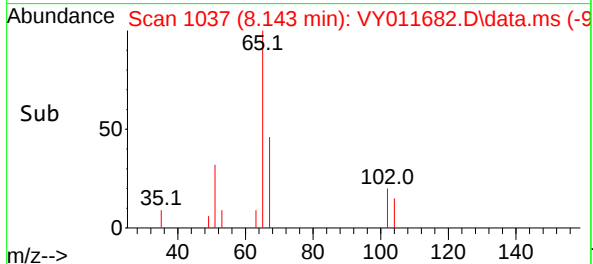
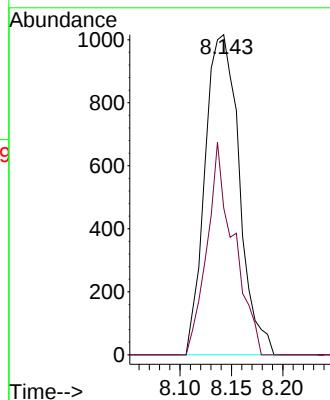
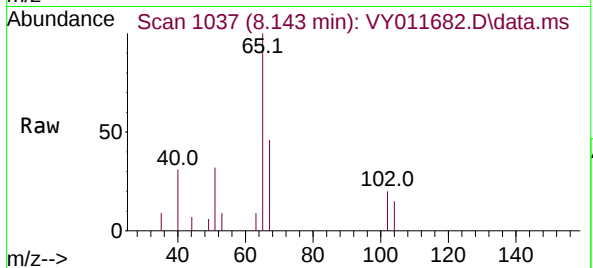
ClientSampleId :

Tgt Ion: 65 Resp: 2356

Ion Ratio Lower Upper

65 100

67 51.9 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: VY011682.D

Acq: 02 Dec 2022 14:48

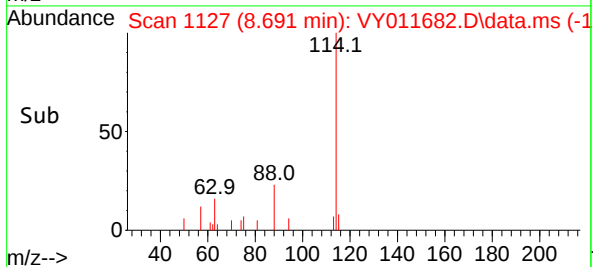
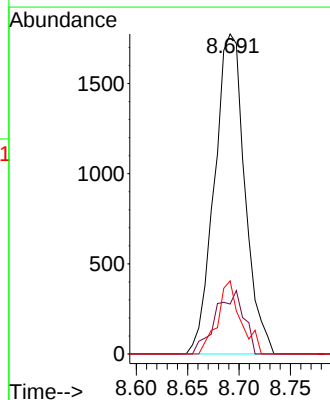
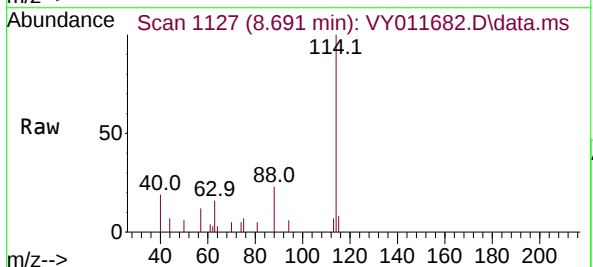
Tgt Ion: 114 Resp: 3645

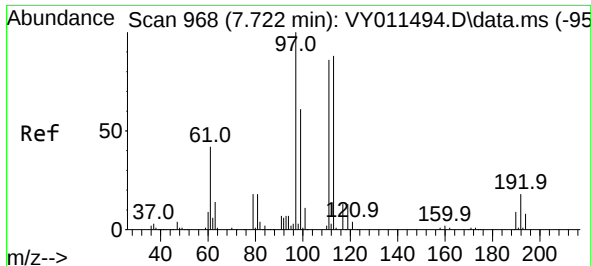
Ion Ratio Lower Upper

114 100

63 15.6 0.0 43.2

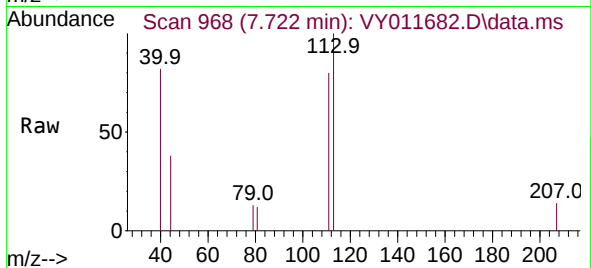
88 22.9 0.0 31.8



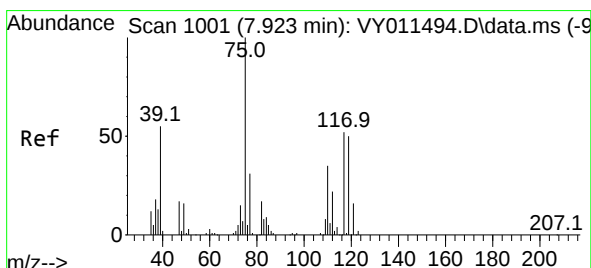
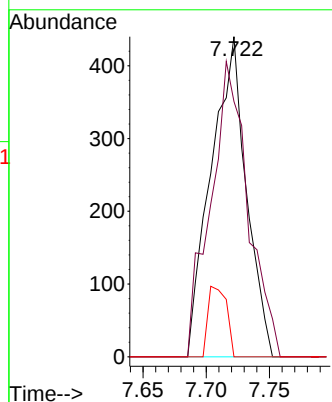
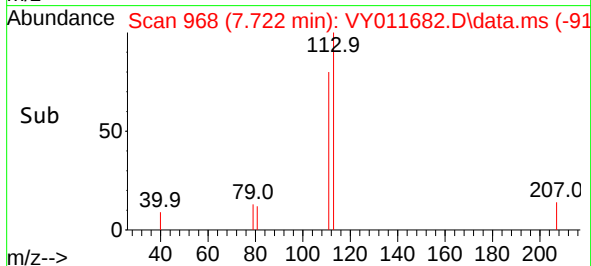


#35
Dibromofluoromethane
Concen: 38.015 ug/l
RT: 7.722 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY011682.D
Acq: 02 Dec 2022 14:48

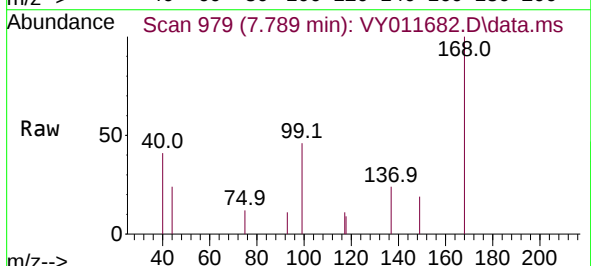
Instrument :
MSVOA_Y
ClientSampleId :



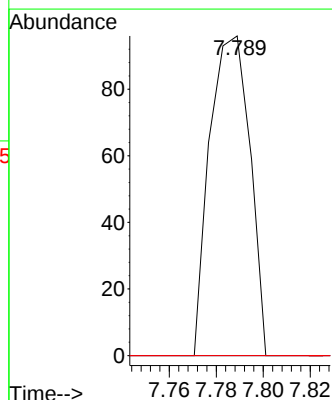
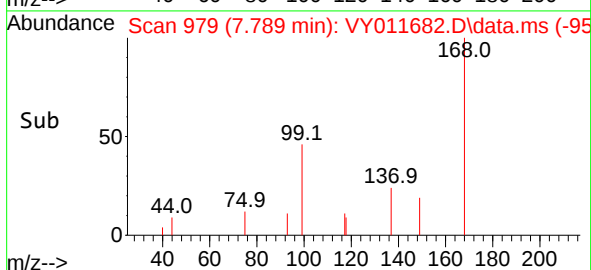
Tgt Ion:113 Resp: 853
Ion Ratio Lower Upper
113 100
111 98.0 82.6 124.0
192 11.5 17.6 26.4#

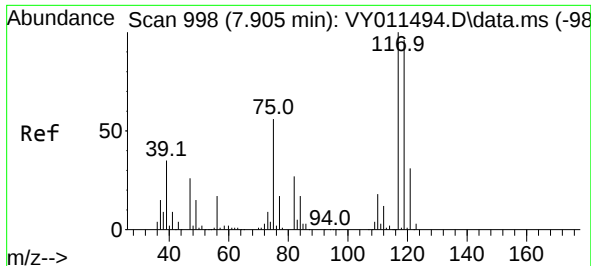


#36
1,1-Dichloropropene
Concen: 3.250 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY011682.D
Acq: 02 Dec 2022 14:48



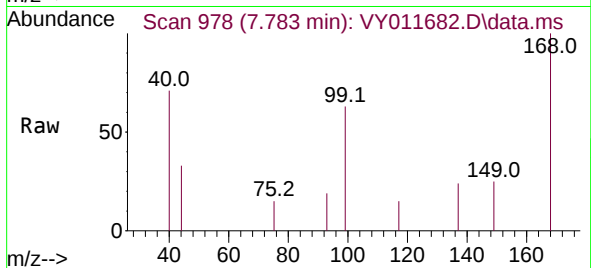
Tgt Ion: 75 Resp: 114
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#



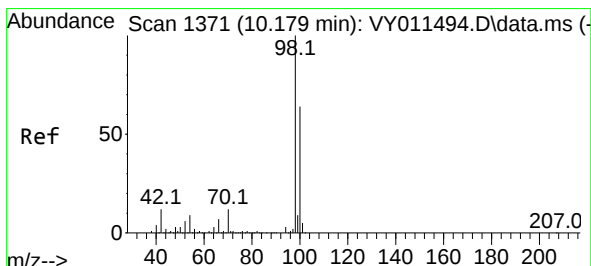
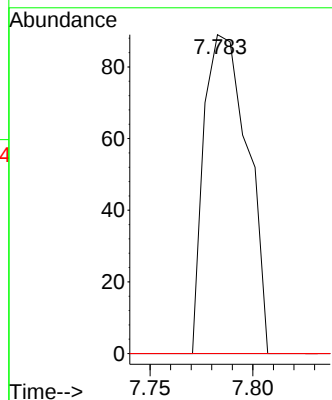
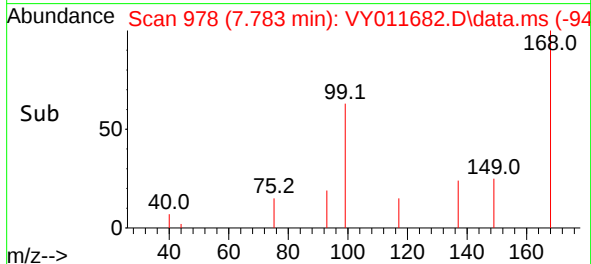


#38
Carbon Tetrachloride
Concen: 3.338 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY011682.D
Acq: 02 Dec 2022 14:48

Instrument :
MSVOA_Y
ClientSampleId :

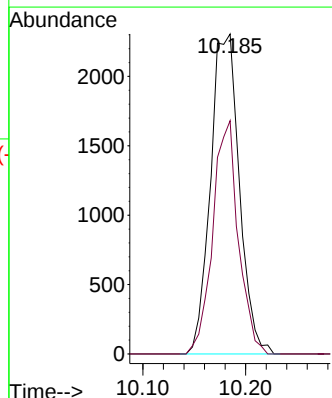
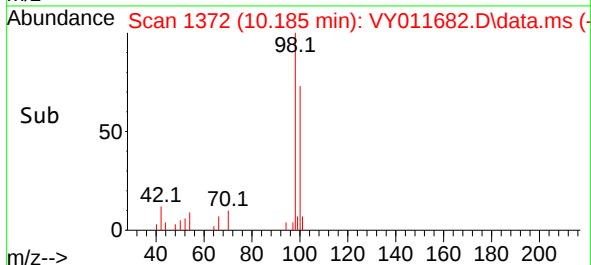
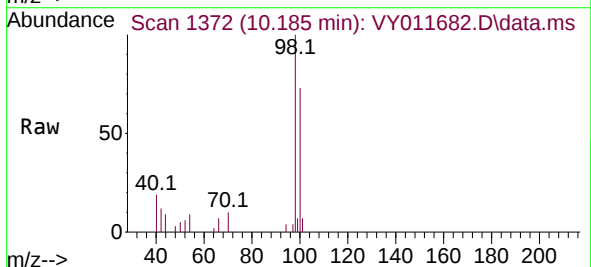


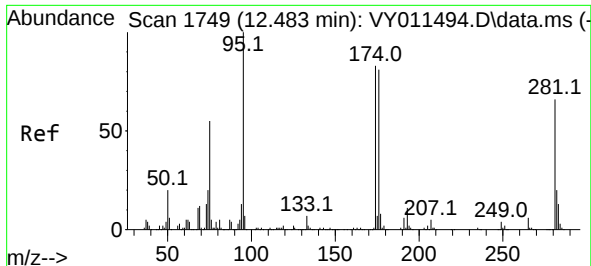
Tgt Ion:117 Resp: 131
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.004 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY011682.D
Acq: 02 Dec 2022 14:48

Tgt Ion: 98 Resp: 4485
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 49.557 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011682.D

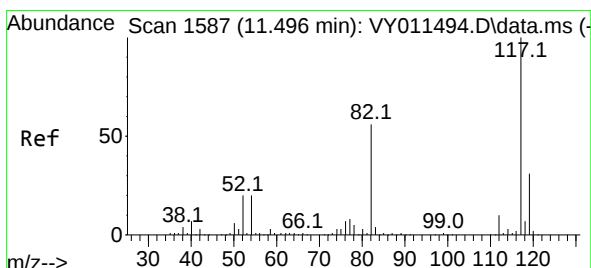
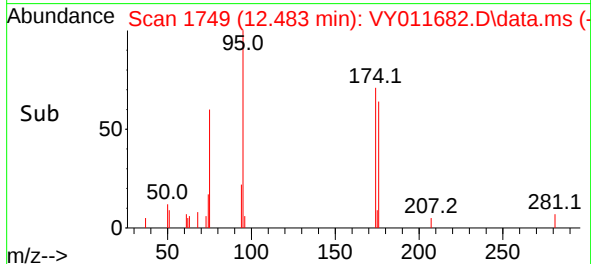
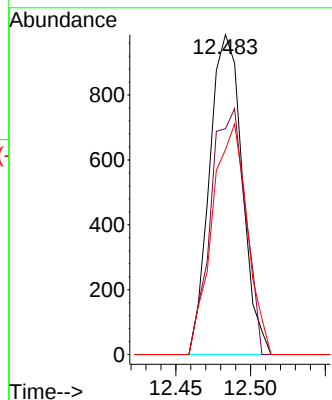
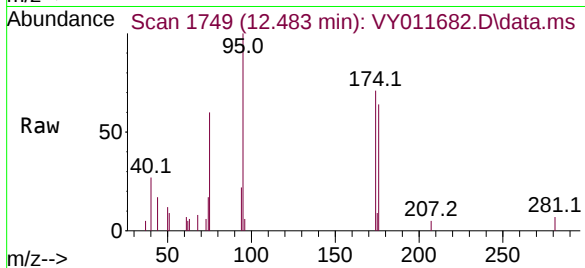
Acq: 02 Dec 2022 14:48

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 95	Resp: 1494
Ion Ratio	Lower Upper
95 100	
174 81.4	0.0 177.0
176 77.6	0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

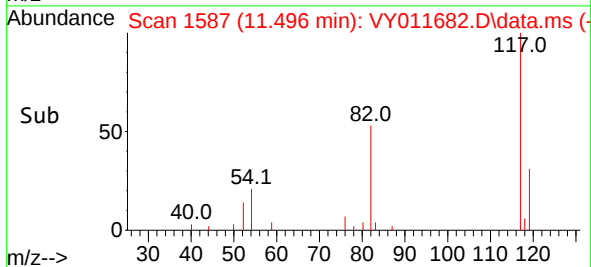
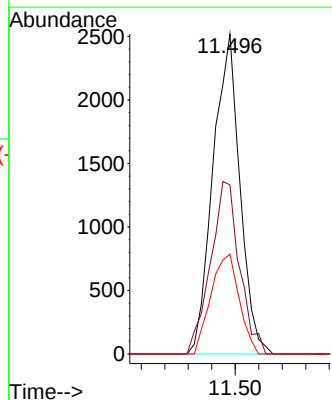
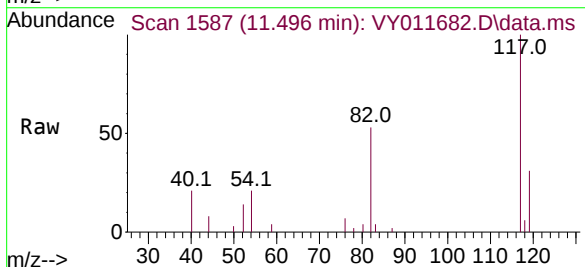
RT: 11.496 min Scan# 1587

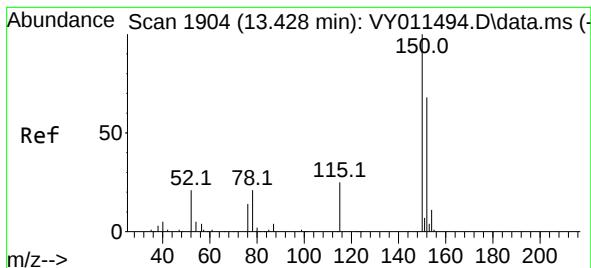
Delta R.T. -0.000 min

Lab File: VY011682.D

Acq: 02 Dec 2022 14:48

Tgt Ion: 117	Resp: 4004
Ion Ratio	Lower Upper
117 100	
82 52.9	43.0 64.4
119 31.2	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: VY011682.D

Acq: 02 Dec 2022 14:48

Instrument :

MSVOA_Y

ClientSampleId :

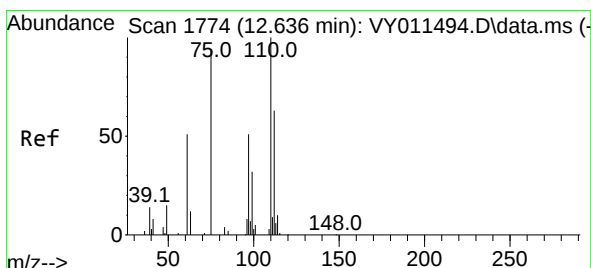
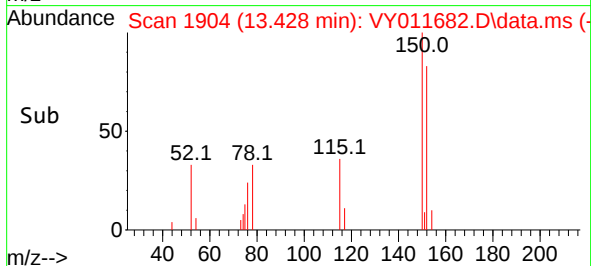
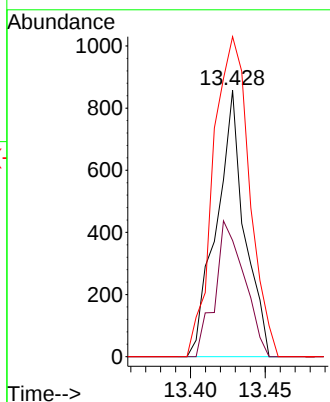
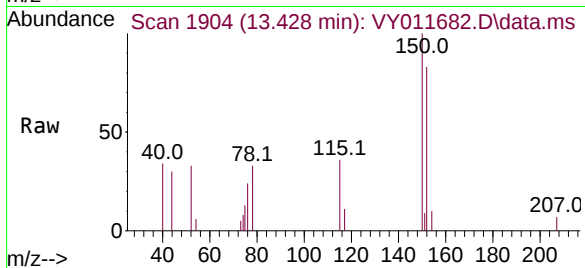
Tgt Ion:152 Resp: 1116

Ion Ratio Lower Upper

152 100

115 53.4 28.2 84.7

150 155.3 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 60.074 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY011682.D

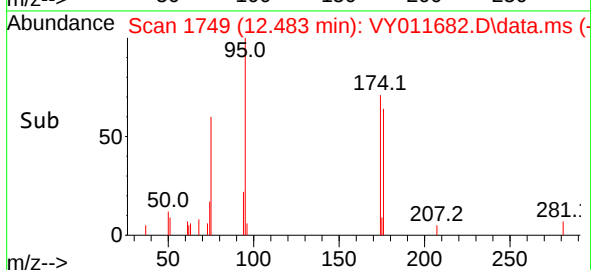
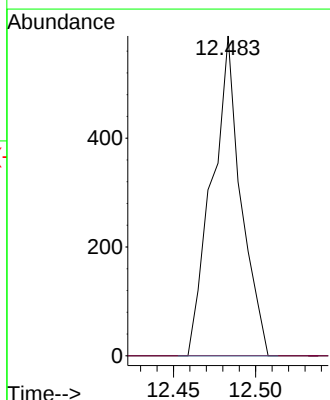
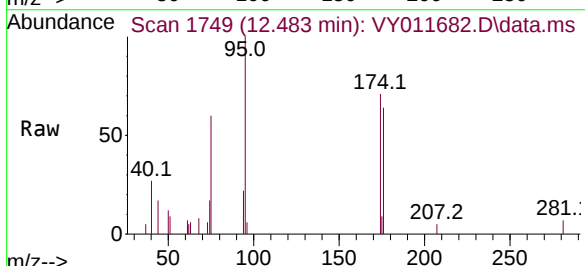
Acq: 02 Dec 2022 14:48

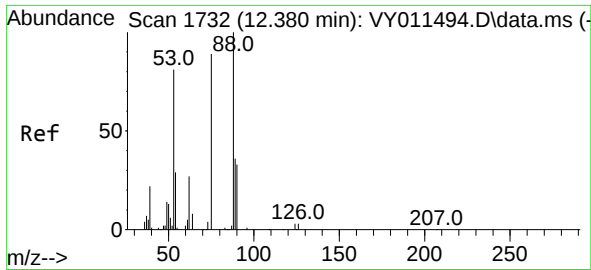
Tgt Ion: 75 Resp: 722

Ion Ratio Lower Upper

75 100

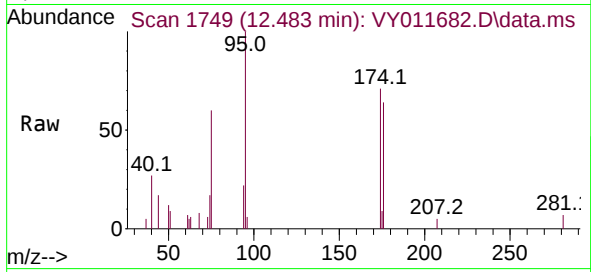
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.582 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY011682.D
 Acq: 02 Dec 2022 14:48

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 722
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

