

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012779.D
 Acq On : 02 Mar 2023 23:03
 Operator : KP/MD
 Sample : 01760-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11998

Quant Time: Mar 03 02:02:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

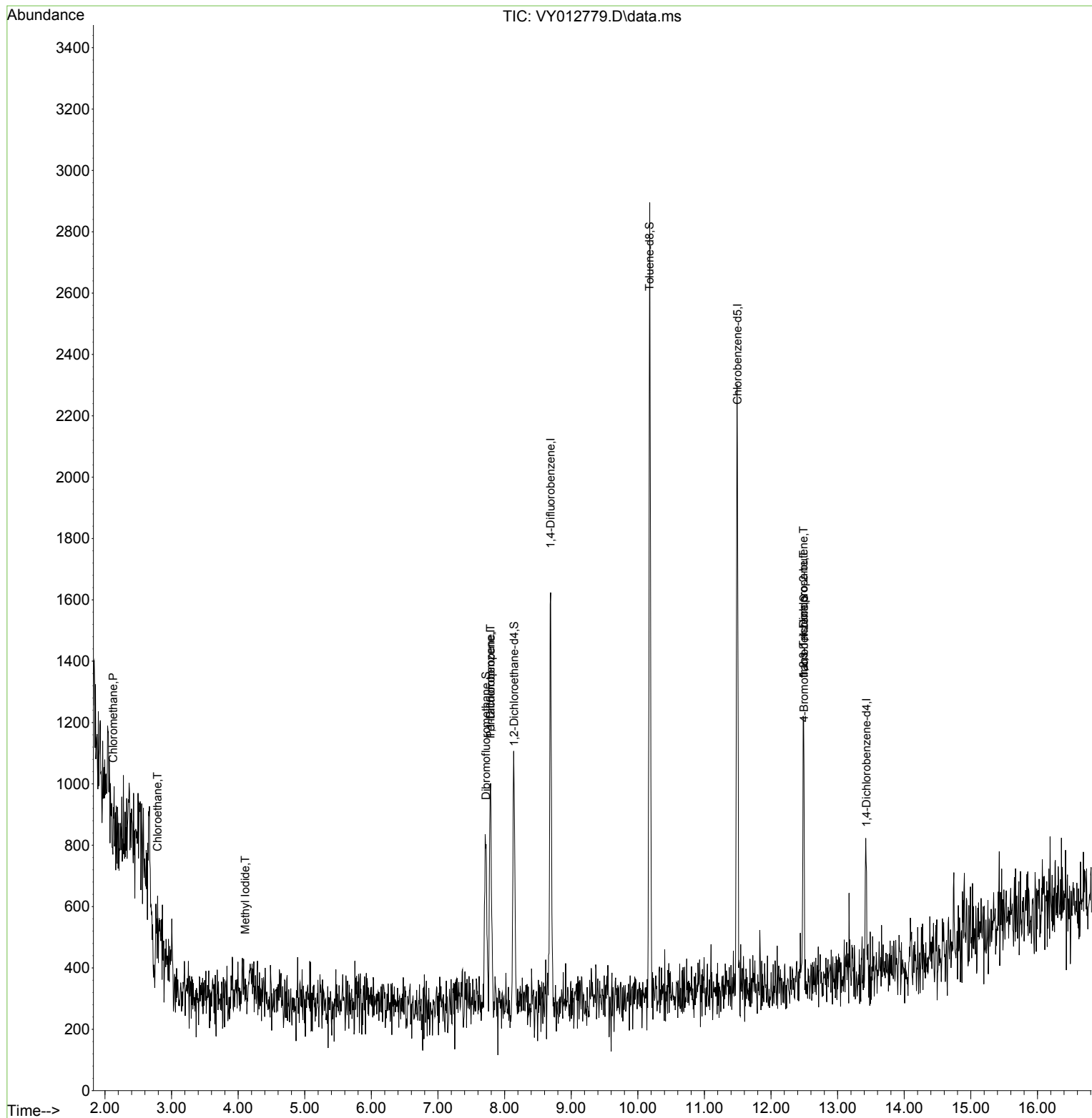
Internal Standards						
1) Pentafluorobenzene	7.789	168	888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	1585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	1176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	170	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	737	83.591	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 167.180%#	
35) Dibromofluoromethane	7.722	113	617	64.503	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.000%	
50) Toluene-d8	10.179	98	1651	47.213	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.420%	
62) 4-Bromofluorobenzene	12.495	95	366	31.009	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	= 62.020%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	47	4.492	ug/l #	42
6) Chloroethane	2.790	64	119	20.709	ug/l #	43
10) Methyl Iodide	4.107	142	22	1.761	ug/l #	40
36) 1,1-Dichloropropene	7.789	75	22	1.372	ug/l #	41
76) 1,2,3-Trichloropropane	12.489	75	176	86.696	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	176	179.638	ug/l #	13

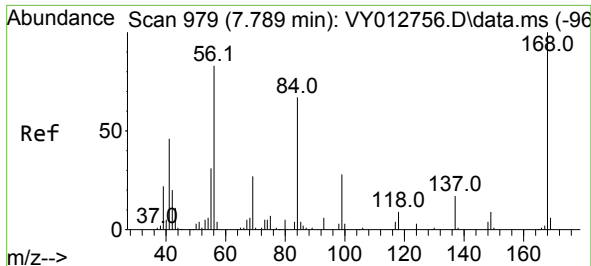
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
Data File : VY012779.D
Acq On : 02 Mar 2023 23:03
Operator : KP/MD
Sample : 01760-03
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11998

Quant Time: Mar 03 02:02:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

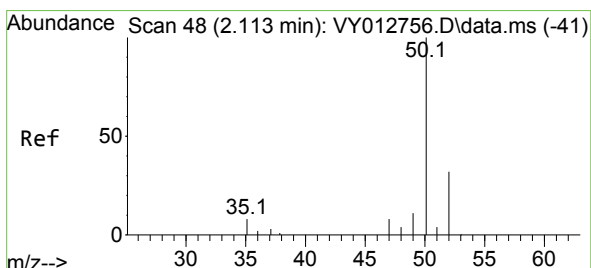
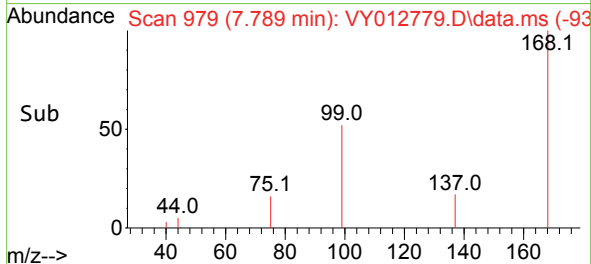
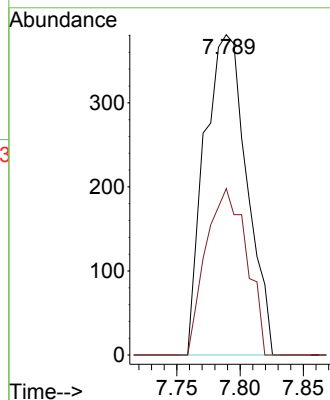
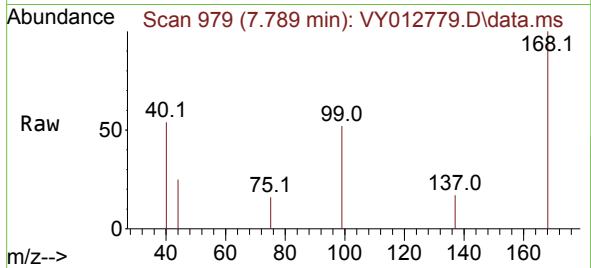




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012779.D
Acq: 02 Mar 2023 23:03

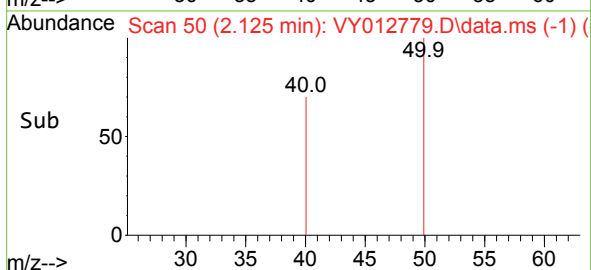
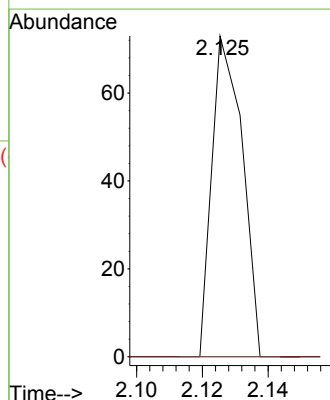
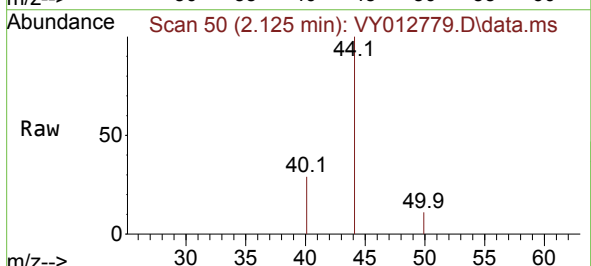
Instrument :
MSVOA_Y
ClientSampleId :
72-11998

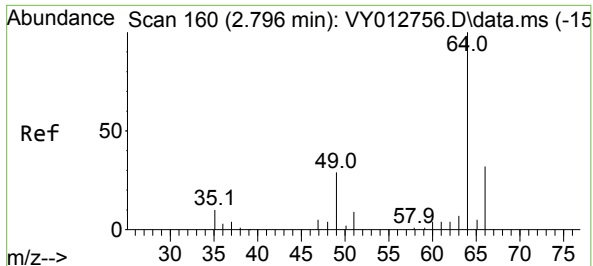
Tgt Ion:168 Resp: 888
Ion Ratio Lower Upper
168 100
99 52.0 41.7 62.5



#3
Chloromethane
Concen: 4.492 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY012779.D
Acq: 02 Mar 2023 23:03

Tgt Ion: 50 Resp: 47
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#

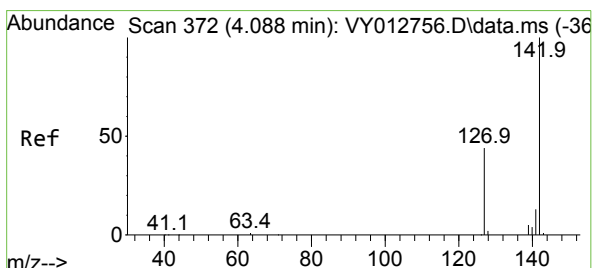
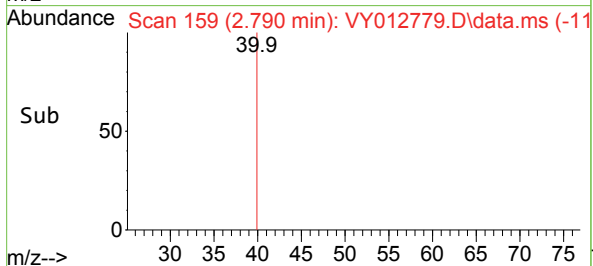
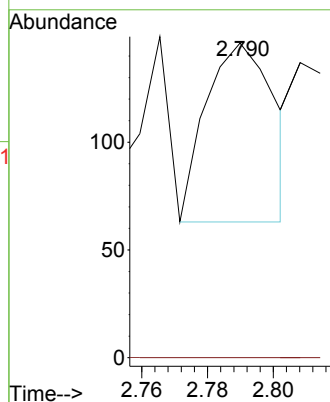
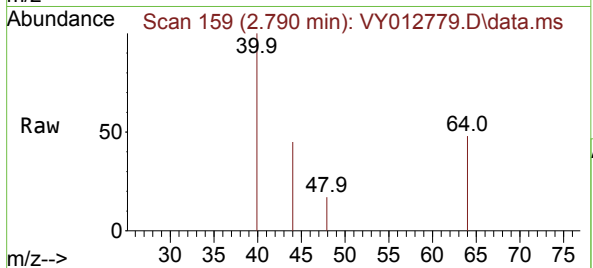




#6
Chloroethane
Concen: 20.709 ug/l
RT: 2.790 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012779.D
Acq: 02 Mar 2023 23:03

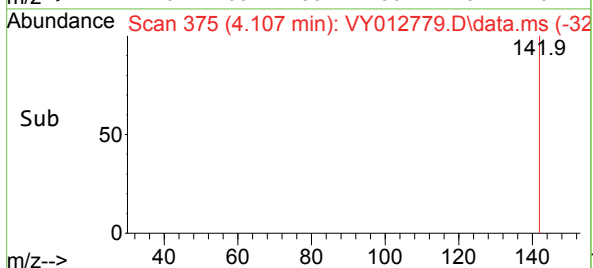
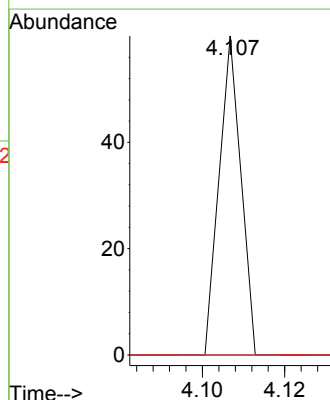
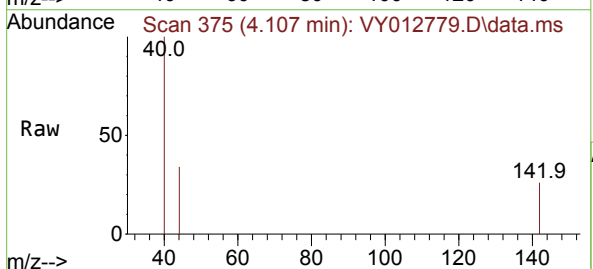
Instrument :
MSVOA_Y
ClientSampleId :
72-11998

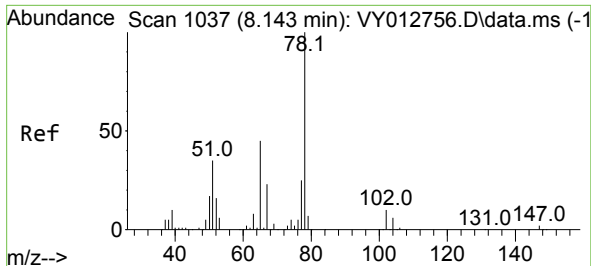
Tgt Ion: 64 Resp: 119
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#



#10
Methyl Iodide
Concen: 1.761 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.018 min
Lab File: VY012779.D
Acq: 02 Mar 2023 23:03

Tgt Ion: 142 Resp: 22
Ion Ratio Lower Upper
142 100
127 0.0 35.4 53.2#
141 0.0 11.3 16.9#

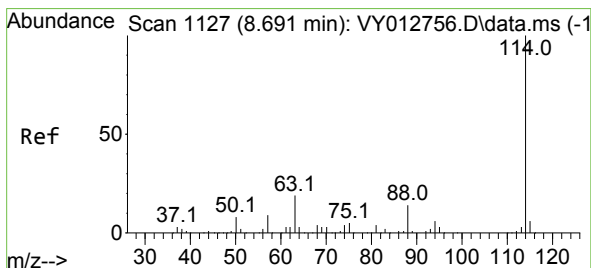
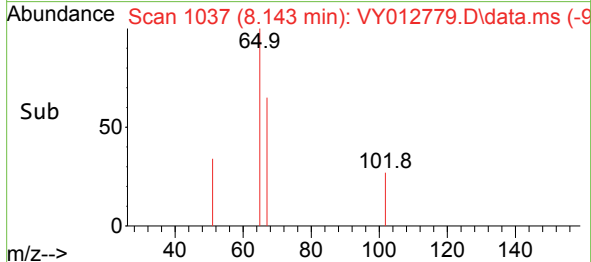
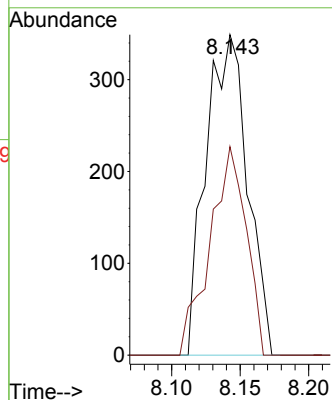
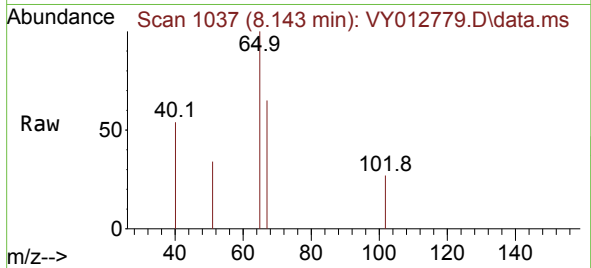




#33
1,2-Dichloroethane-d4
Concen: 83.591 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY012779.D
Acq: 02 Mar 2023 23:03

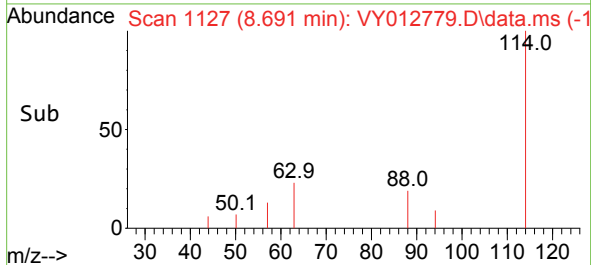
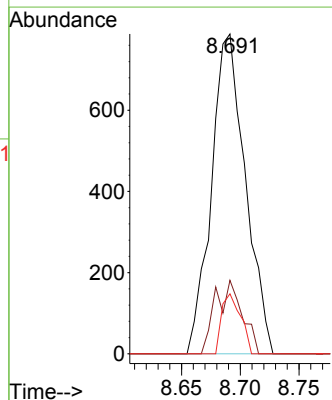
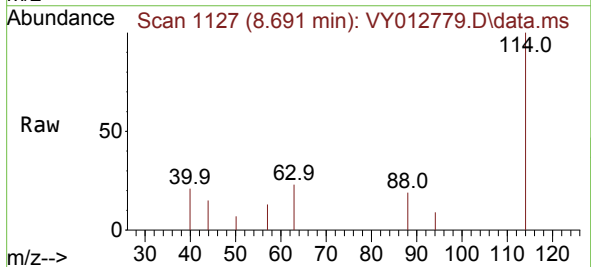
Instrument :
MSVOA_Y
ClientSampleId :
72-11998

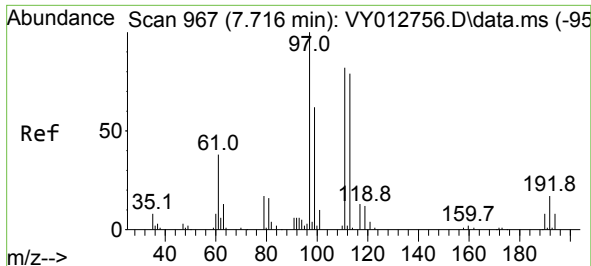
Tgt Ion: 65 Resp: 737
Ion Ratio Lower Upper
65 100
67 56.7 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012779.D
Acq: 02 Mar 2023 23:03

Tgt Ion: 114 Resp: 1585
Ion Ratio Lower Upper
114 100
63 23.0 0.0 37.4
88 18.8 0.0 28.6

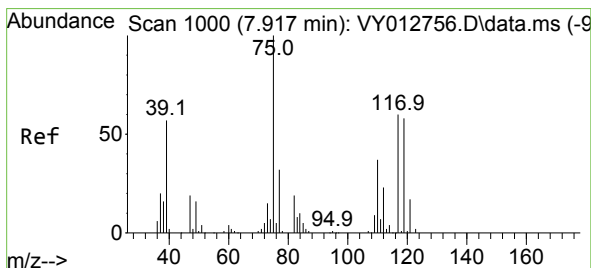
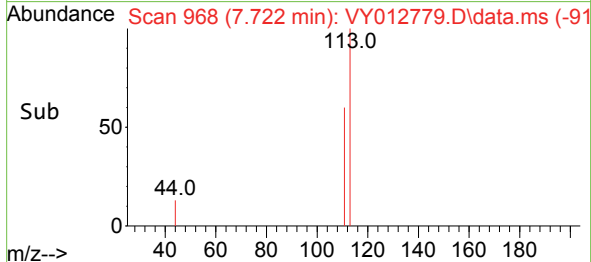
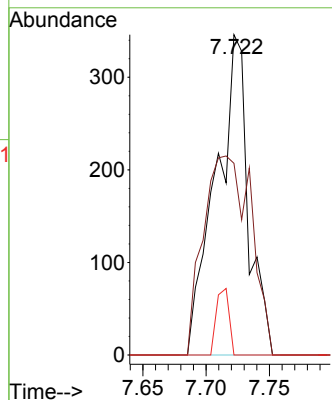
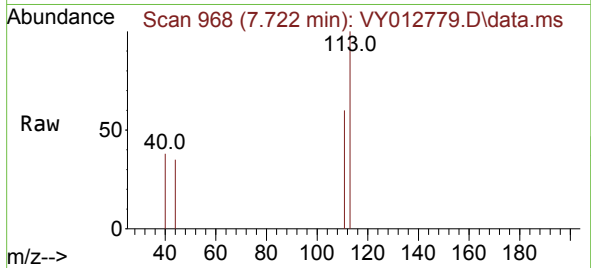




#35
Dibromofluoromethane
Concen: 64.503 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY012779.D
Acq: 02 Mar 2023 23:03

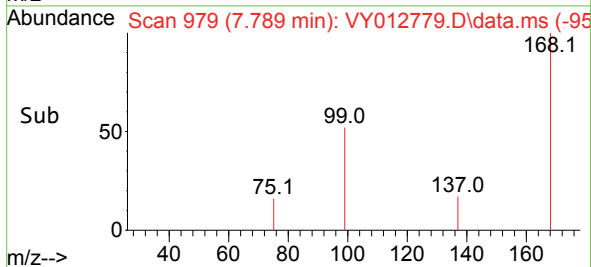
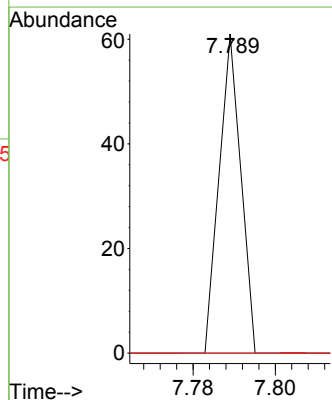
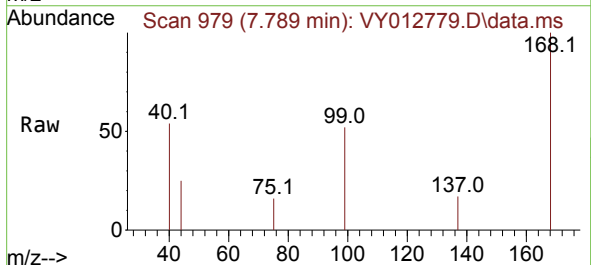
Instrument :
MSVOA_Y
ClientSampleId :
72-11998

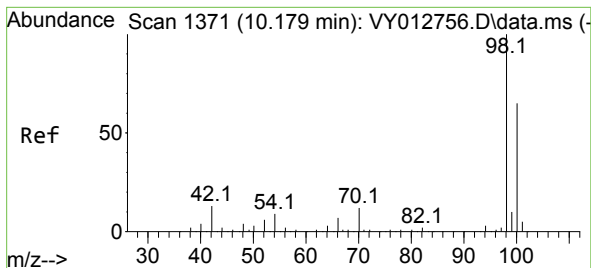
Tgt Ion:113 Resp: 617
Ion Ratio Lower Upper
113 100
111 91.6 82.2 123.2
192 8.1 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 1.372 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012779.D
Acq: 02 Mar 2023 23:03

Tgt Ion: 75 Resp: 22
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.3#
77 0.0 25.0 37.4#





#50

Toluene-d8

Concen: 47.213 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012779.D

Acq: 02 Mar 2023 23:03

Instrument :

MSVOA_Y

ClientSampleId :

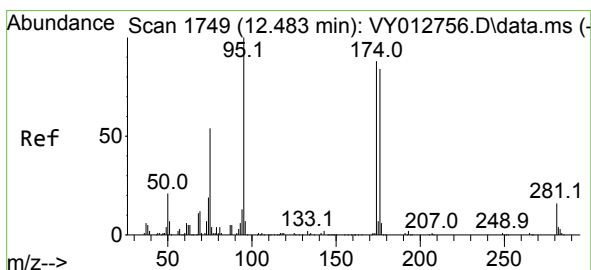
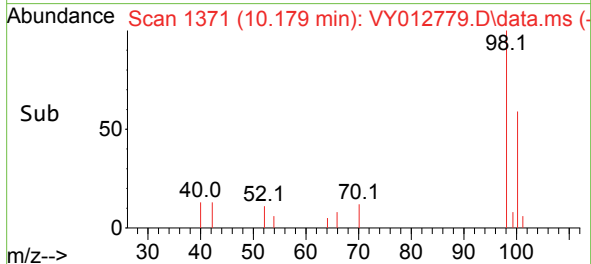
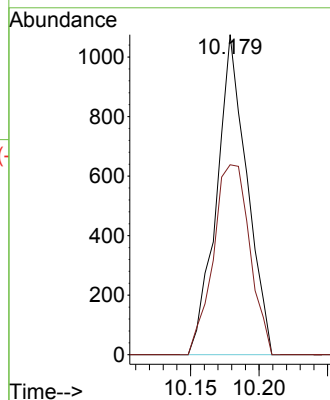
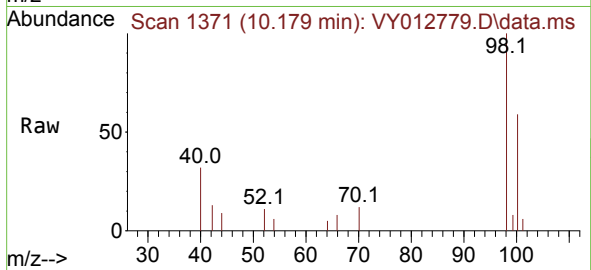
72-11998

Tgt Ion: 98 Resp: 1651

Ion Ratio Lower Upper

98 100

100 71.7 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 31.009 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.012 min

Lab File: VY012779.D

Acq: 02 Mar 2023 23:03

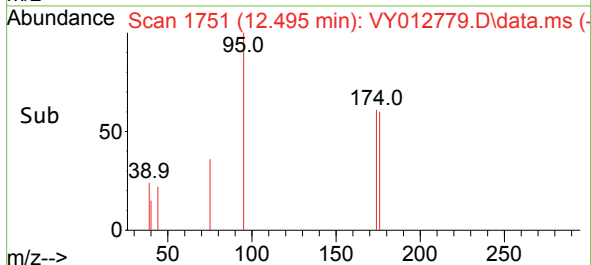
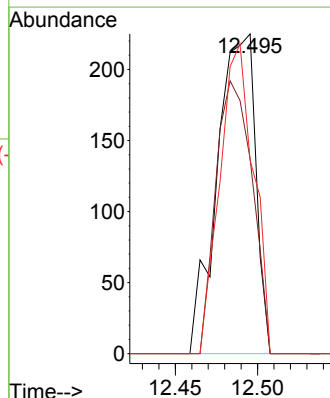
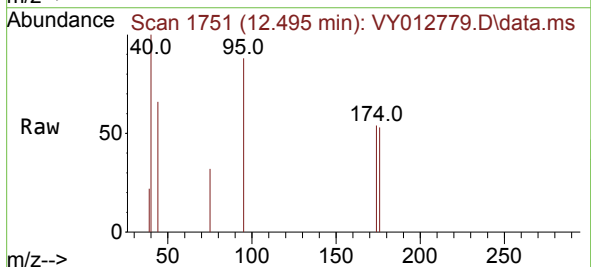
Tgt Ion: 95 Resp: 366

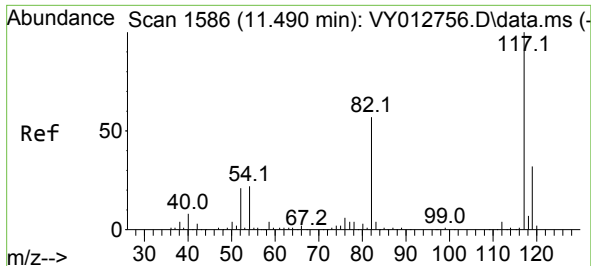
Ion Ratio Lower Upper

95 100

174 80.6 0.0 176.6

176 85.0 0.0 170.2

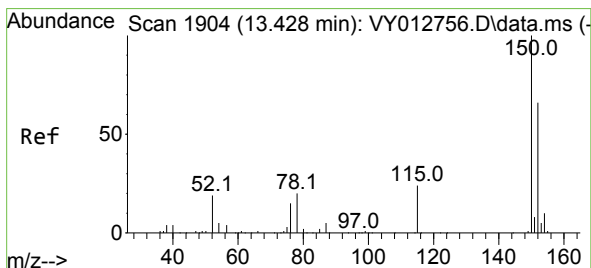
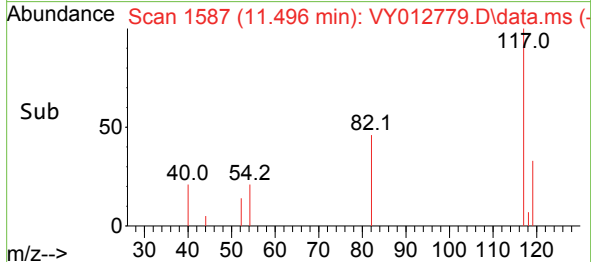
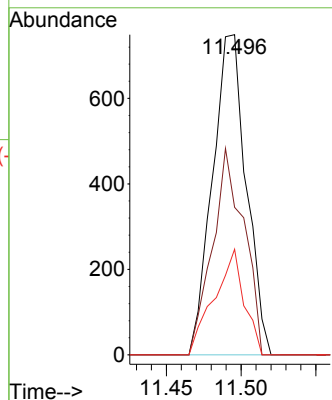
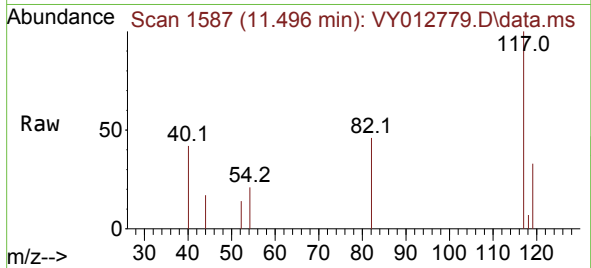




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1176
Delta R.T. 0.006 min
Lab File: VY012779.D
Acq: 02 Mar 2023 23:03

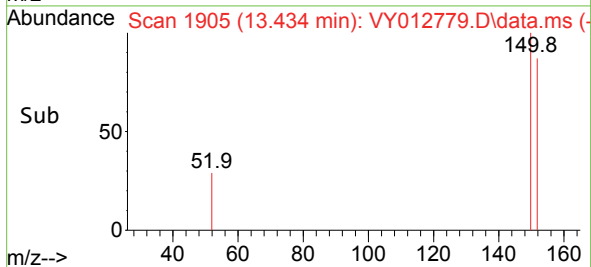
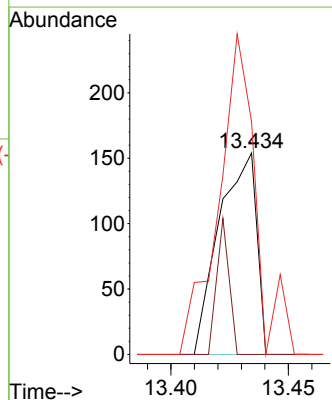
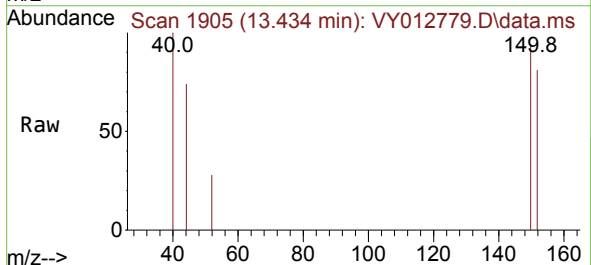
Instrument :
MSVOA_Y
ClientSampleId :
72-11998

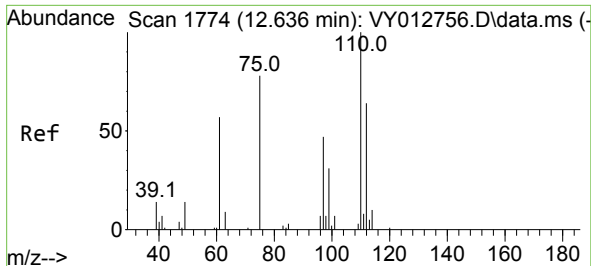
Tgt Ion:117 Resp: 1176
Ion Ratio Lower Upper
117 100
82 46.1 45.4 68.0
119 33.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY012779.D
Acq: 02 Mar 2023 23:03

Tgt Ion:152 Resp: 170
Ion Ratio Lower Upper
152 100
115 22.4 27.1 81.3#
150 157.6 0.0 347.8

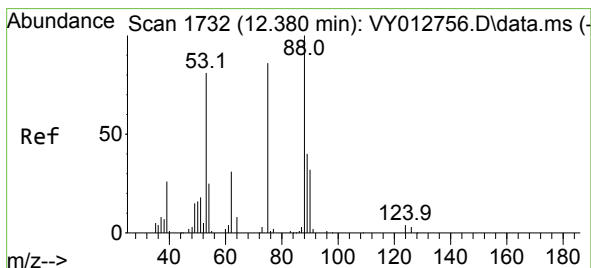
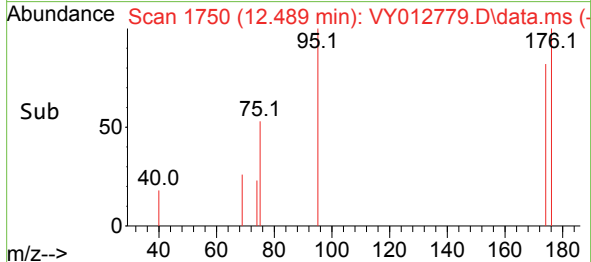
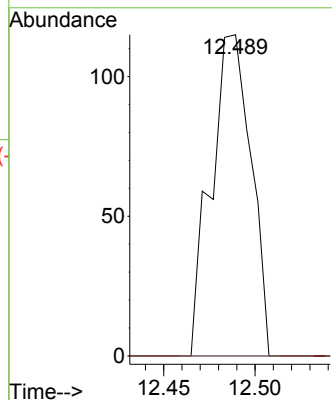
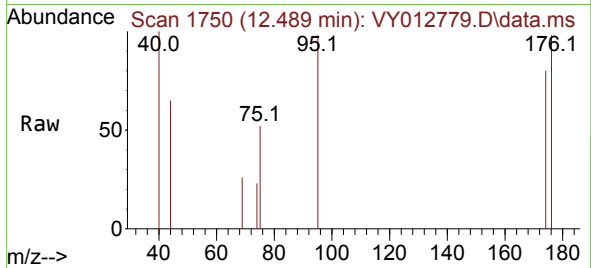




#76
1,2,3-Trichloropropane
Concen: 86.696 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY012779.D
Acq: 02 Mar 2023 23:03

Instrument :
MSVOA_Y
ClientSampleId :
72-11998

Tgt Ion: 75 Resp: 176
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 179.638 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY012779.D
Acq: 02 Mar 2023 23:03

Tgt Ion: 75 Resp: 176
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

