

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012794.D
 Acq On : 03 Mar 2023 14:33
 Operator : KP/MD
 Sample : 01760-03RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11998RE

Quant Time: Mar 04 01:23:39 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)

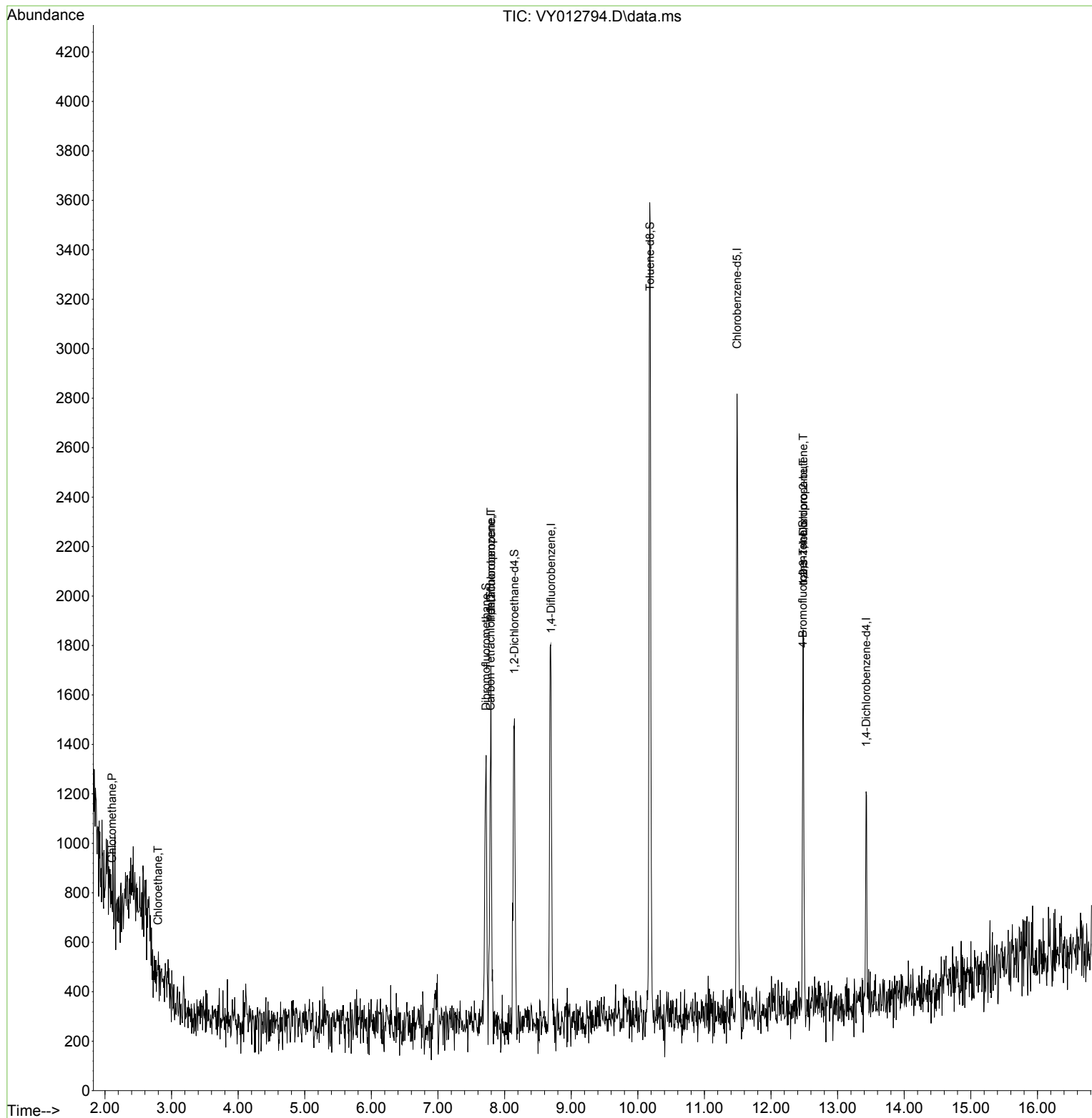
Internal Standards						
1) Pentafluorobenzene	7.795	168	1306	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	2064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	1652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1183	91.232	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 182.460%#	
35) Dibromofluoromethane	7.722	113	767	61.576	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.160%	
50) Toluene-d8	10.185	98	2575	56.547	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.100%	
62) 4-Bromofluorobenzene	12.477	95	670	43.591	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.180%	
Target Compounds						Qvalue
3) Chloromethane	2.107	50	40	2.599	ug/l	# 42
6) Chloroethane	2.796	64	77	9.111	ug/l	# 43
36) 1,1-Dichloropropene	7.795	75	45	2.156	ug/l	# 41
38) Carbon Tetrachloride	7.789	117	65	3.015	ug/l	# 12
76) 1,2,3-Trichloropropane	12.483	75	269	76.102	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	269	157.686	ug/l	# 13

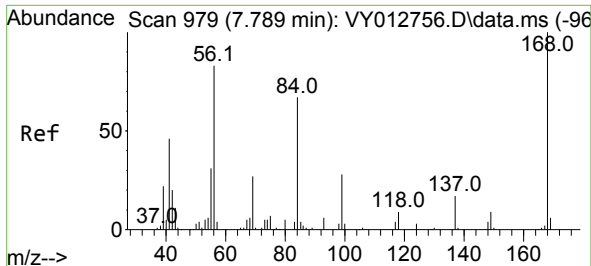
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
Data File : VY012794.D
Acq On : 03 Mar 2023 14:33
Operator : KP/MD
Sample : 01760-03RE
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11998RE

Quant Time: Mar 04 01:23:39 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

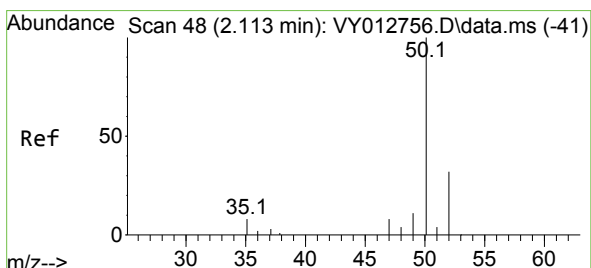
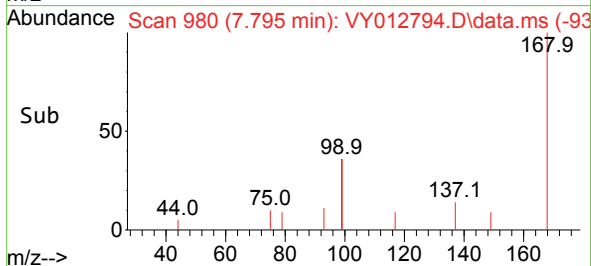
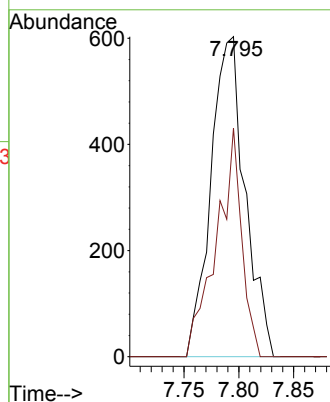
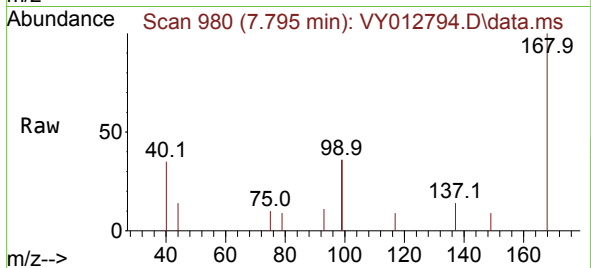




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012794.D
Acq: 03 Mar 2023 14:33

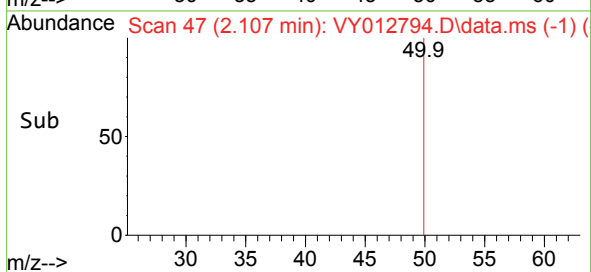
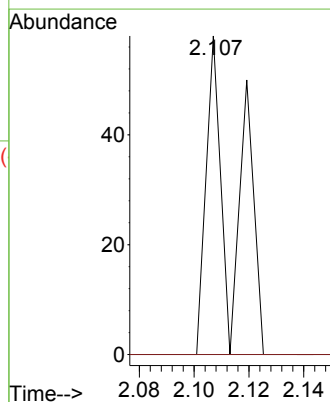
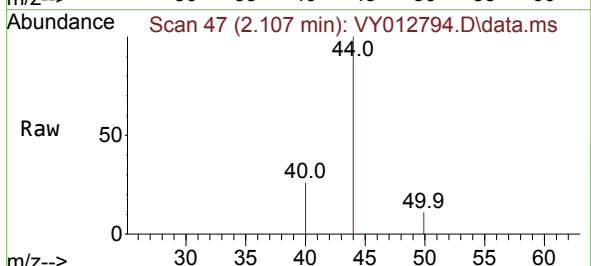
Instrument :
MSVOA_Y
ClientSampleId :
72-11998RE

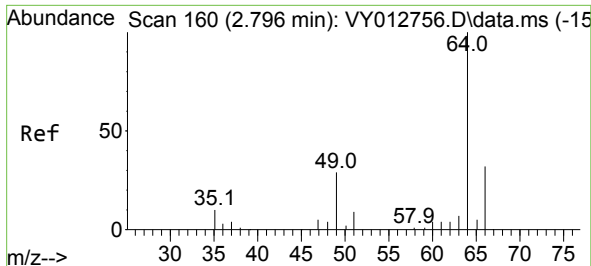
Tgt Ion:168 Resp: 1306
Ion Ratio Lower Upper
168 100
99 71.5 41.7 62.5#



#3
Chloromethane
Concen: 2.599 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY012794.D
Acq: 03 Mar 2023 14:33

Tgt Ion: 50 Resp: 40
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#

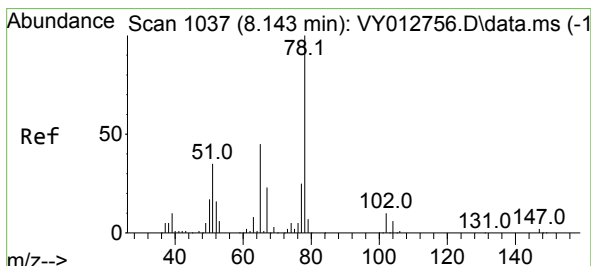
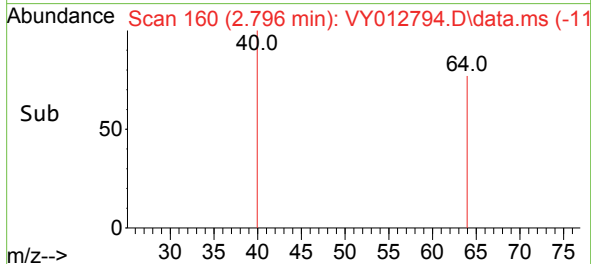
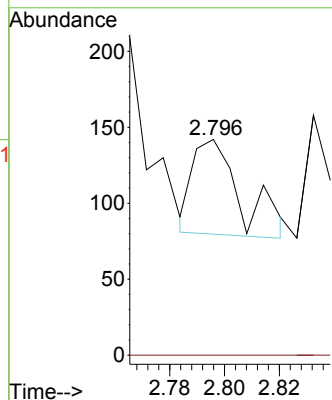
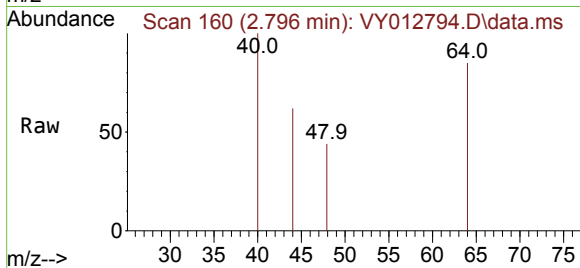




#6
Chloroethane
Concen: 9.111 ug/l
RT: 2.796 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY012794.D
Acq: 03 Mar 2023 14:33

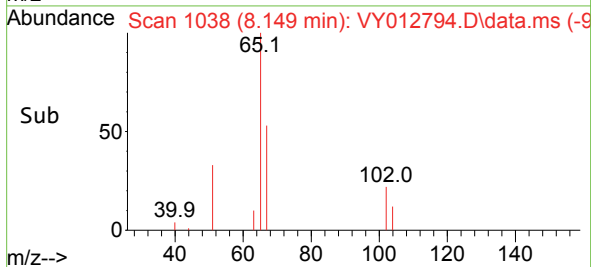
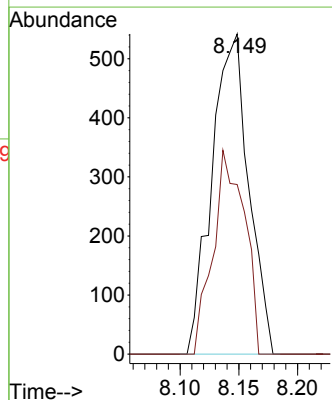
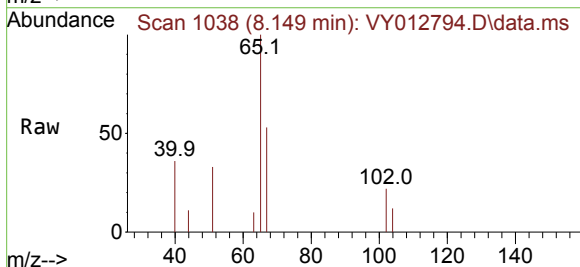
Instrument :
MSVOA_Y
ClientSampleId :
72-11998RE

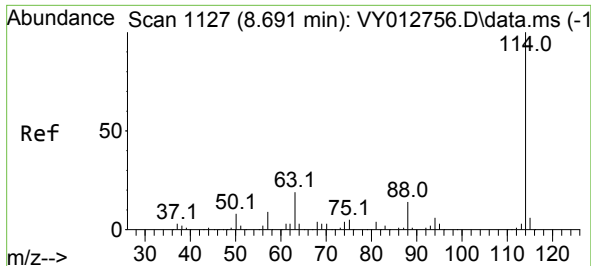
Tgt Ion: 64 Resp: 77
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#



#33
1,2-Dichloroethane-d4
Concen: 91.232 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY012794.D
Acq: 03 Mar 2023 14:33

Tgt Ion: 65 Resp: 1183
Ion Ratio Lower Upper
65 100
67 54.3 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY012794.D

Acq: 03 Mar 2023 14:33

Instrument :

MSVOA_Y

ClientSampleId :

72-11998RE

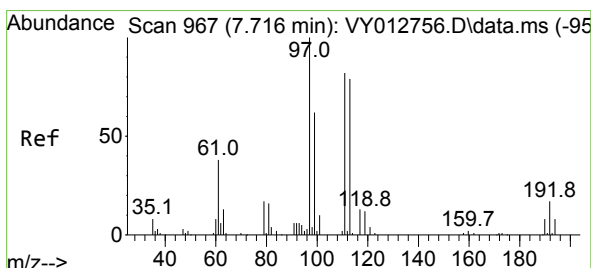
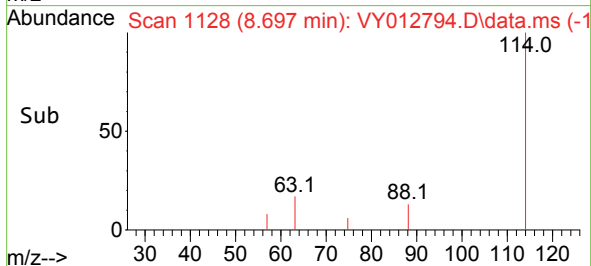
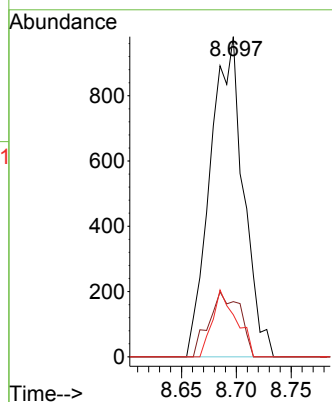
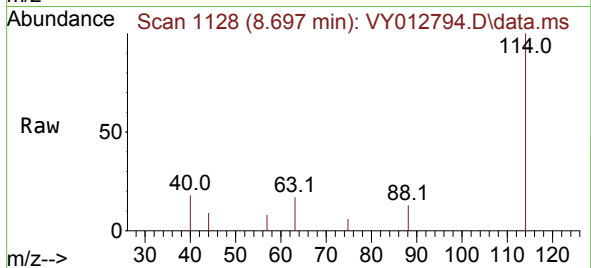
Tgt Ion:114 Resp: 2064

Ion Ratio Lower Upper

114 100

63 17.2 0.0 37.4

88 13.1 0.0 28.6



#35

Dibromofluoromethane

Concen: 61.576 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012794.D

Acq: 03 Mar 2023 14:33

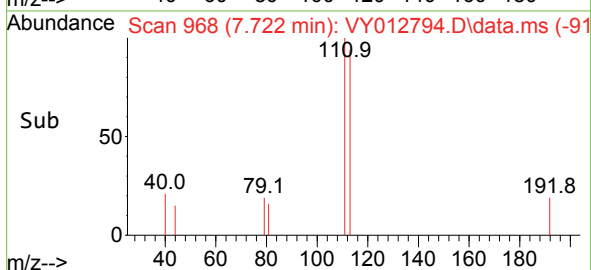
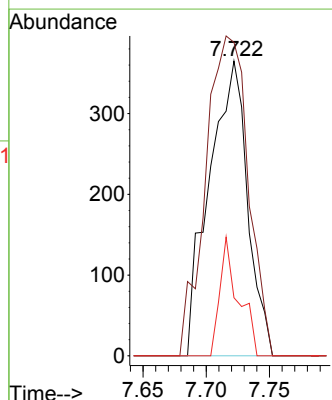
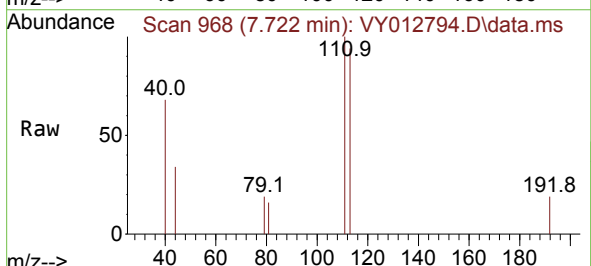
Tgt Ion:113 Resp: 767

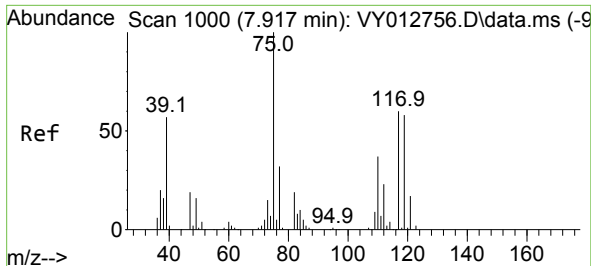
Ion Ratio Lower Upper

113 100

111 121.0 82.2 123.2

192 19.6 16.8 25.2





#36

1,1-Dichloropropene

Concen: 2.156 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.122 min

Lab File: VY012794.D

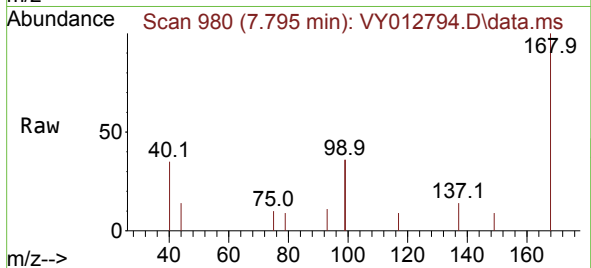
Acq: 03 Mar 2023 14:33

Instrument :

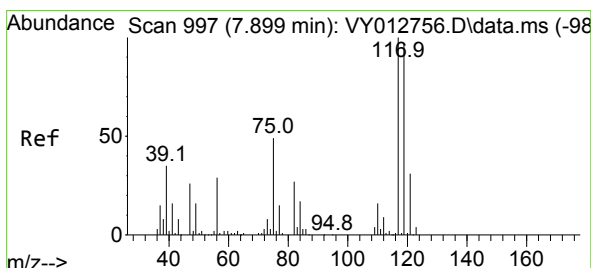
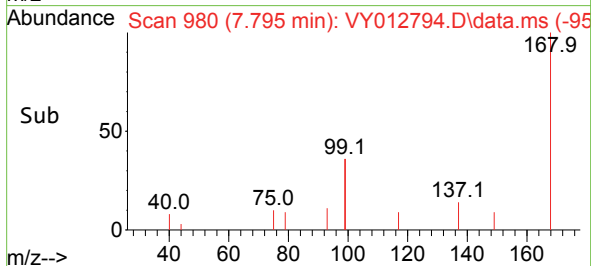
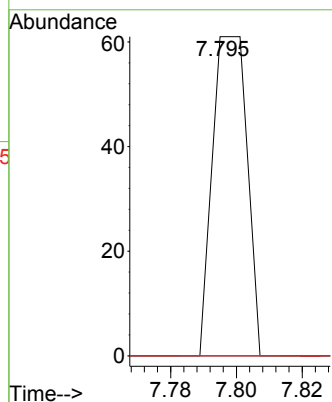
MSVOA_Y

ClientSampleId :

72-11998RE



Tgt Ion: 75	Resp: 45
Ion Ratio	Lower Upper
75	100
110	0.0 17.8 53.3#
77	0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 3.015 ug/l

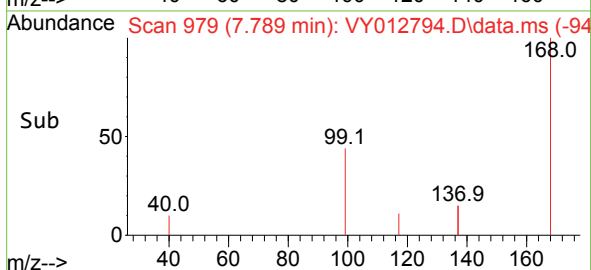
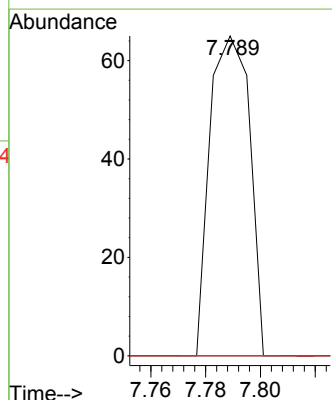
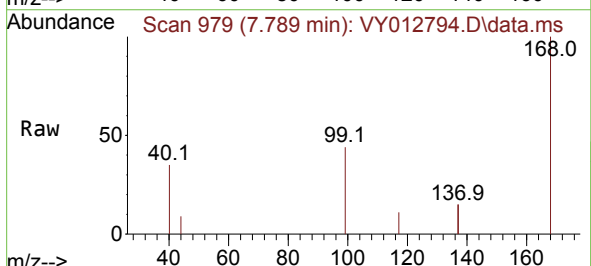
RT: 7.789 min Scan# 979

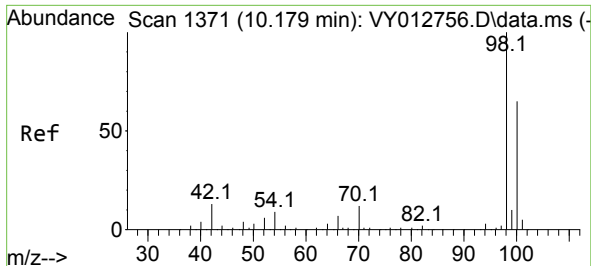
Delta R.T. -0.110 min

Lab File: VY012794.D

Acq: 03 Mar 2023 14:33

Tgt Ion: 117	Resp: 65
Ion Ratio	Lower Upper
117	100
119	0.0 77.2 115.8#
121	0.0 24.7 37.1#

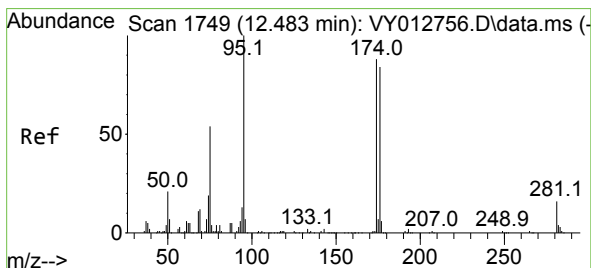
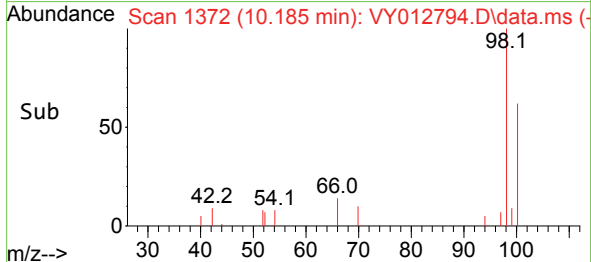
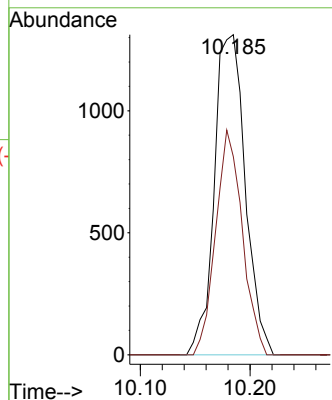
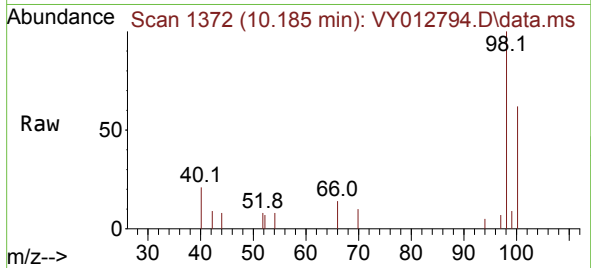




#50
Toluene-d8
Concen: 56.547 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012794.D
Acq: 03 Mar 2023 14:33

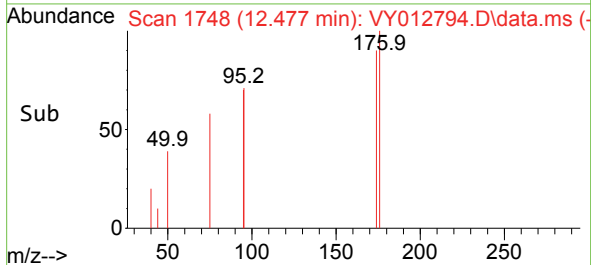
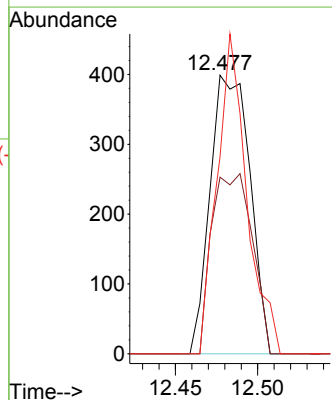
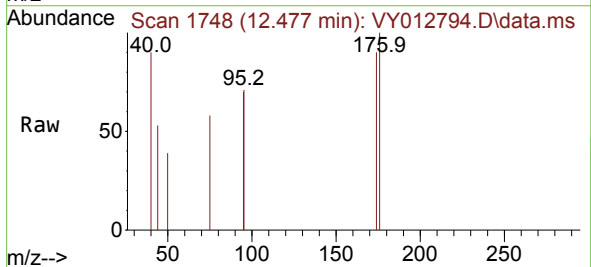
Instrument :
MSVOA_Y
ClientSampleId :
72-11998RE

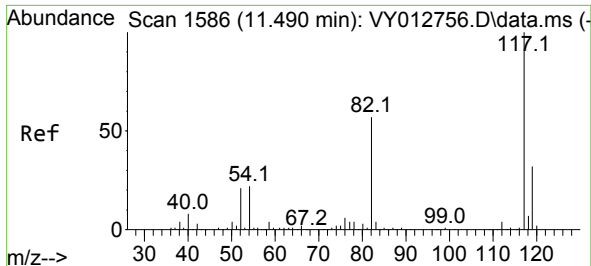
Tgt Ion: 98 Resp: 2575
Ion Ratio Lower Upper
98 100
100 60.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.591 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012794.D
Acq: 03 Mar 2023 14:33

Tgt Ion: 95 Resp: 670
Ion Ratio Lower Upper
95 100
174 66.0 0.0 176.6
176 86.0 0.0 170.2

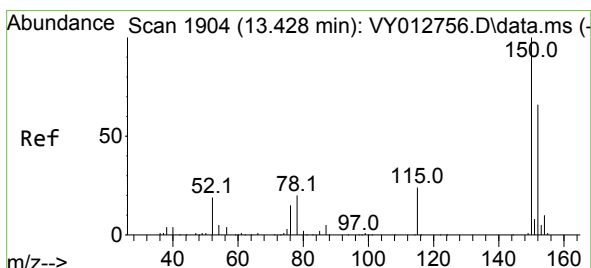
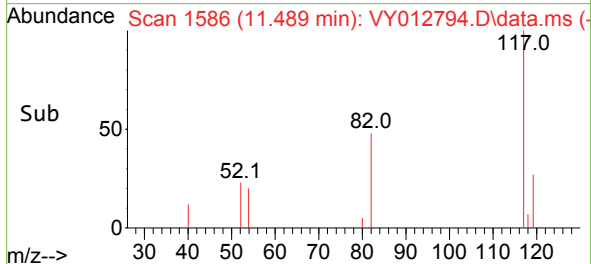
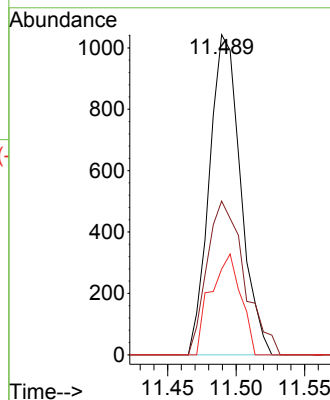
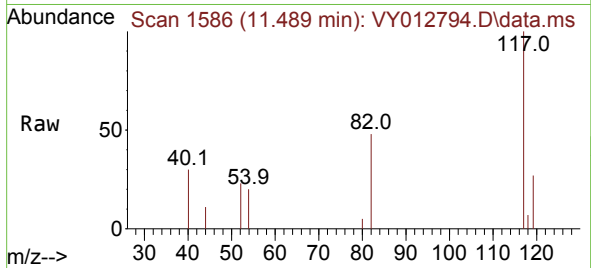




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012794.D
Acq: 03 Mar 2023 14:33

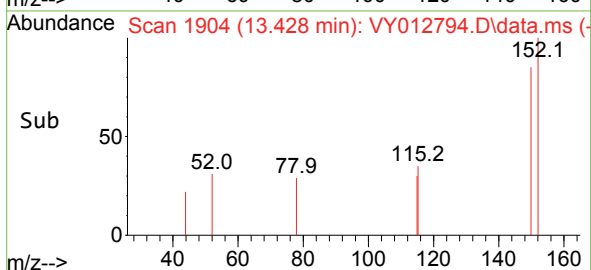
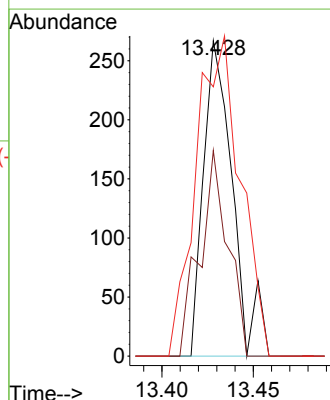
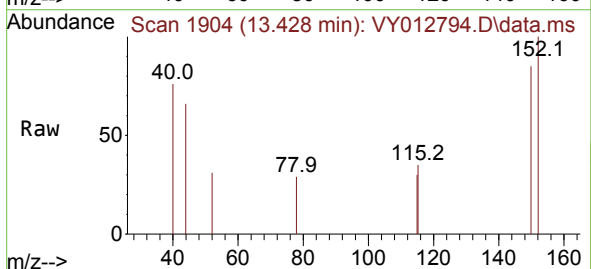
Instrument :
MSVOA_Y
ClientSampleId :
72-11998RE

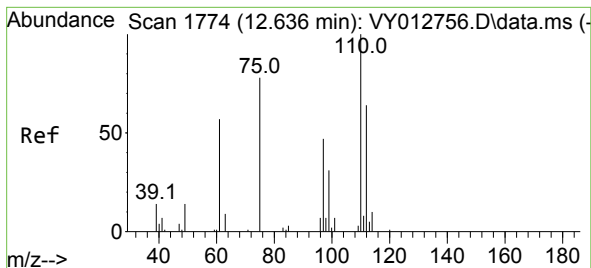
Tgt Ion:	117	Resp:	1652
Ion	Ratio	Lower	Upper
117	100		
82	48.0	45.4	68.0
119	26.7	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012794.D
Acq: 03 Mar 2023 14:33

Tgt Ion:	152	Resp:	296
Ion	Ratio	Lower	Upper
152	100		
115	63.2	27.1	81.3
150	154.4	0.0	347.8

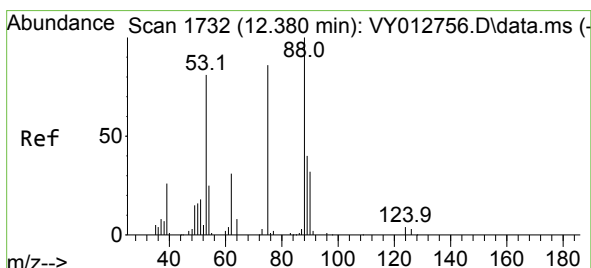
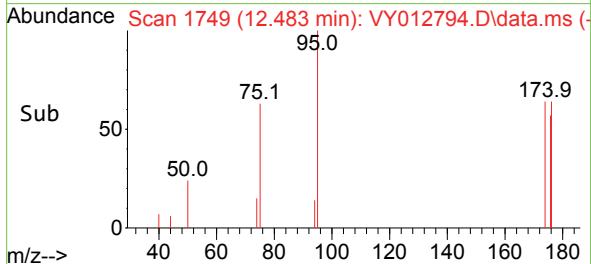
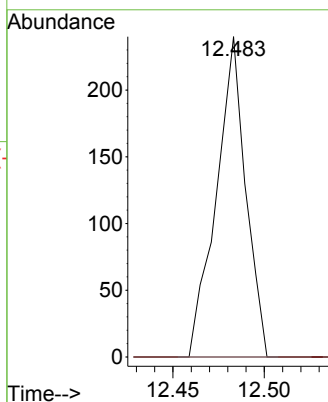
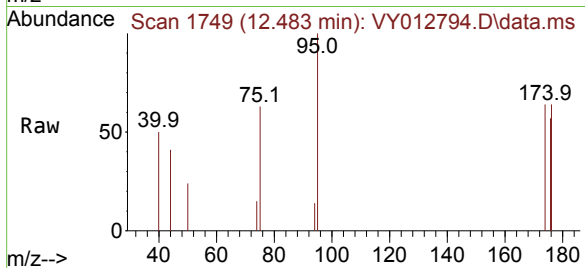




#76
1,2,3-Trichloropropane
Concen: 76.102 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012794.D
Acq: 03 Mar 2023 14:33

Instrument :
MSVOA_Y
ClientSampleId :
72-11998RE

Tgt Ion: 75 Resp: 269
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 157.686 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012794.D
Acq: 03 Mar 2023 14:33

Tgt Ion: 75 Resp: 269
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

