

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
 Data File : VY012819.D
 Acq On : 06 Mar 2023 13:35
 Operator : KP/MD
 Sample : 01671-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T5-1

Quant Time: Mar 07 04:23:30 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)

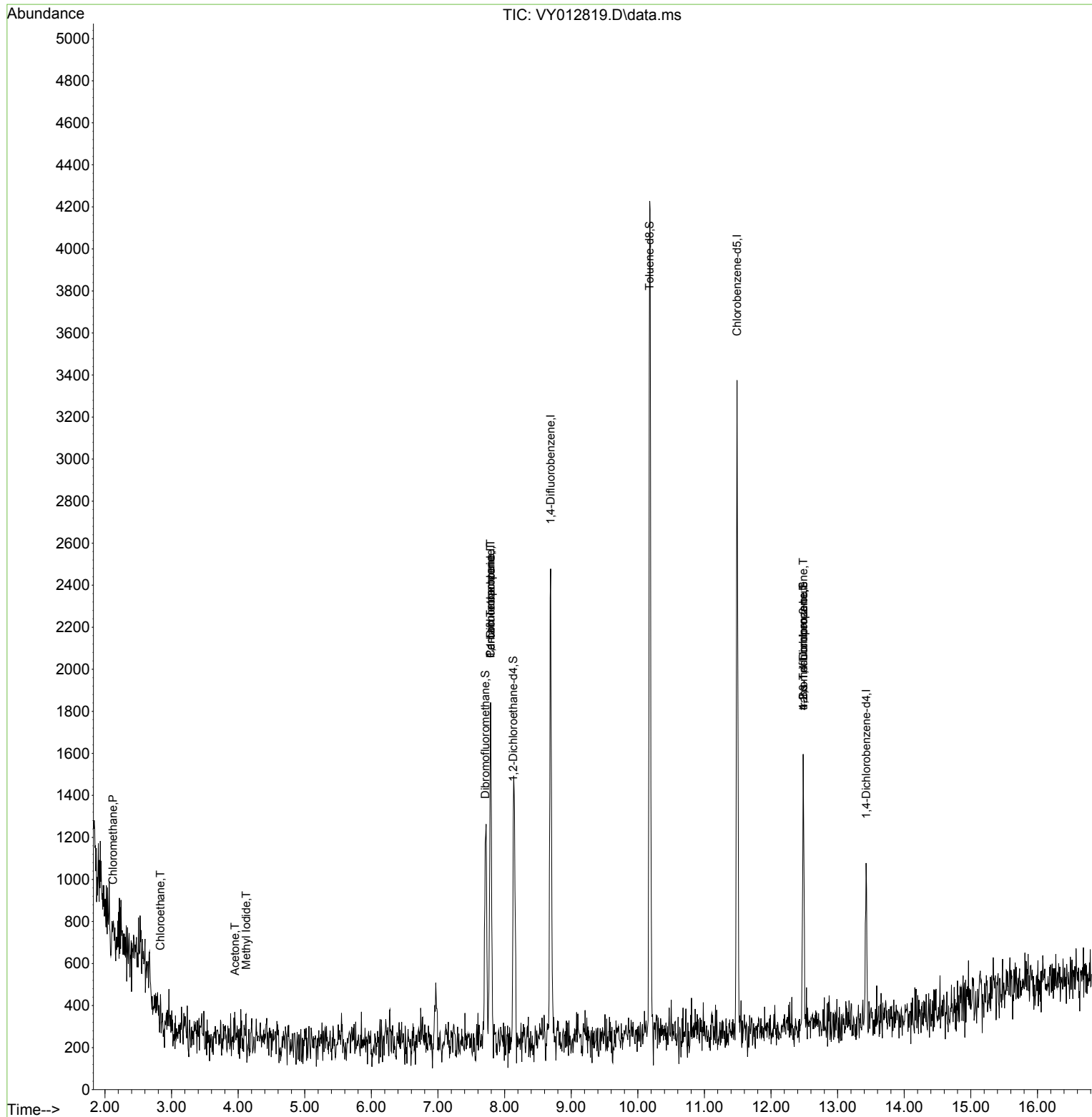
Internal Standards						
1) Pentafluorobenzene	7.789	168	1663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	2434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	1752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	1155	69.952	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.900%	
35) Dibromofluoromethane	7.710	113	839	57.117	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.240%	
50) Toluene-d8	10.179	98	2779	51.750	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.500%	
62) 4-Bromofluorobenzene	12.483	95	568	31.337	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 62.680%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	27	1.378	ug/l #	42
6) Chloroethane	2.832	64	66	6.133	ug/l #	43
10) Methyl Iodide	4.119	142	61	2.607	ug/l #	40
16) Acetone	3.954	43	41	6.326	ug/l #	44
36) 1,1-Dichloropropene	7.789	75	29	1.178	ug/l #	41
38) Carbon Tetrachloride	7.789	117	60	2.360	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	209	63.875	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	209	132.352	ug/l #	13

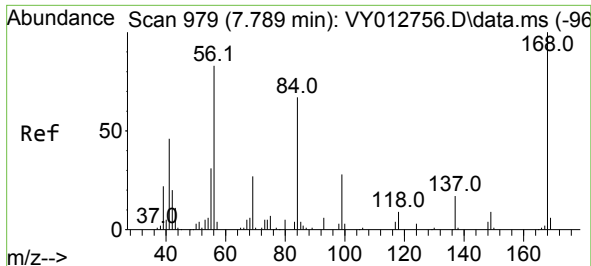
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

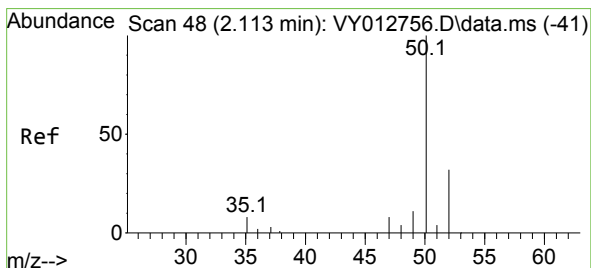
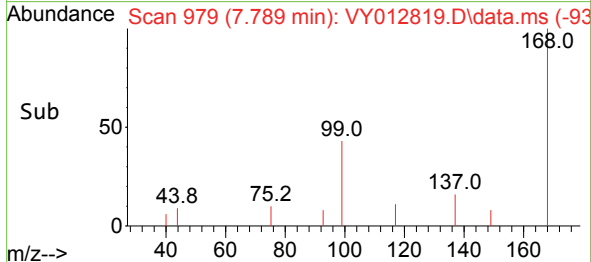
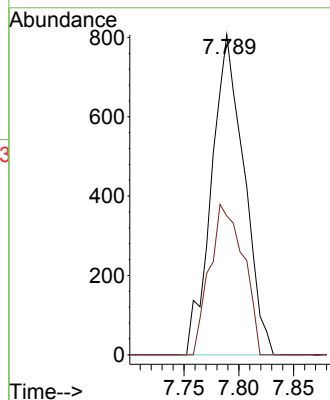
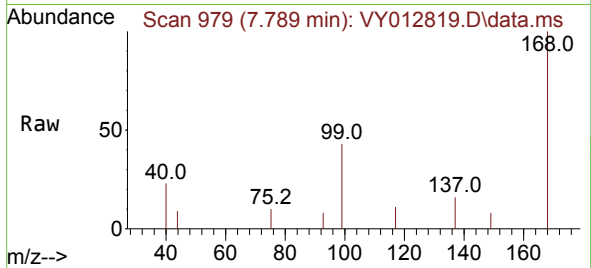




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012819.D
Acq: 06 Mar 2023 13:35

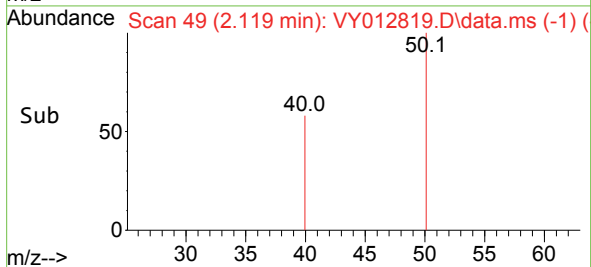
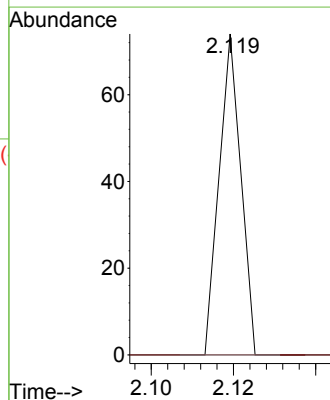
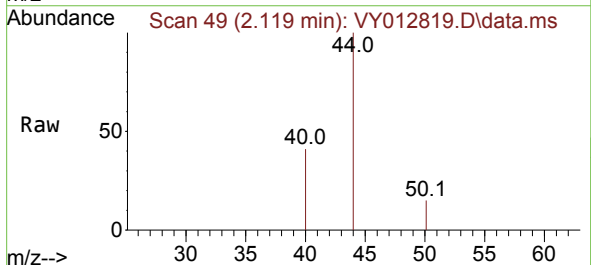
Instrument :
MSVOA_Y
ClientSampleId :
T5-1

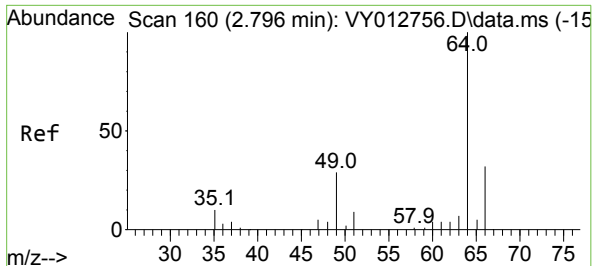
Tgt Ion:168 Resp: 1663
Ion Ratio Lower Upper
168 100
99 43.4 41.7 62.5



#3
Chloromethane
Concen: 1.378 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012819.D
Acq: 06 Mar 2023 13:35

Tgt Ion: 50 Resp: 27
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#

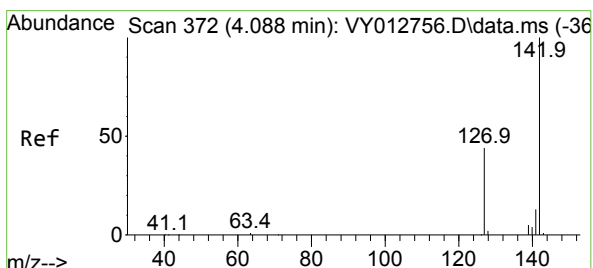
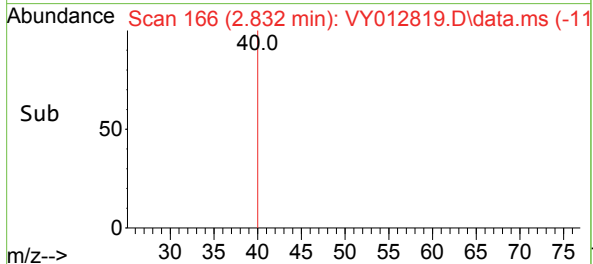
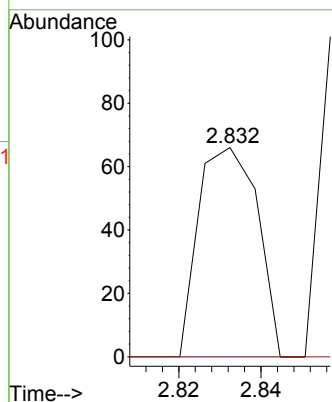
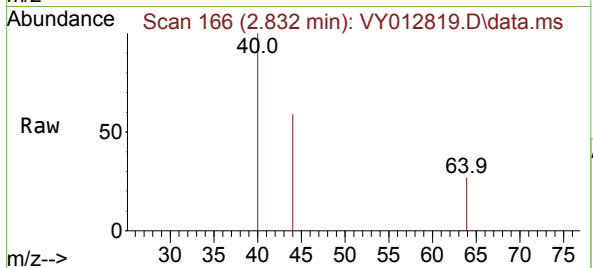




#6
Chloroethane
Concen: 6.133 ug/l
RT: 2.832 min Scan# 1
Delta R.T. 0.036 min
Lab File: VY012819.D
Acq: 06 Mar 2023 13:35

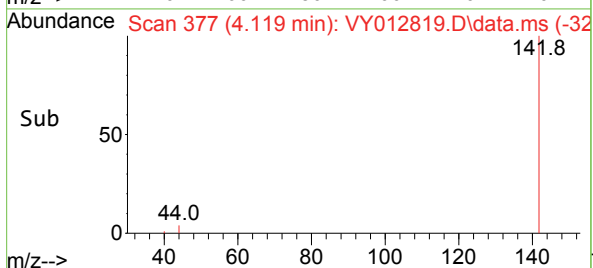
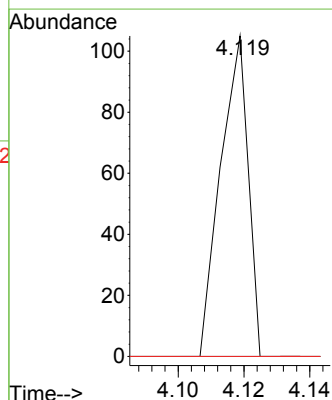
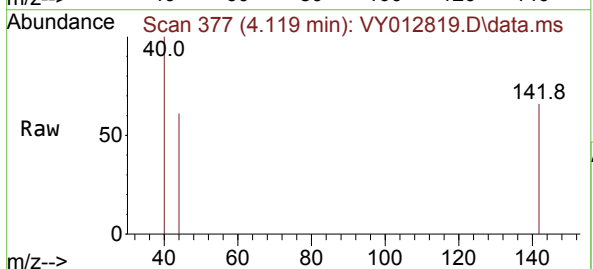
Instrument :
MSVOA_Y
ClientSampleId :
T5-1

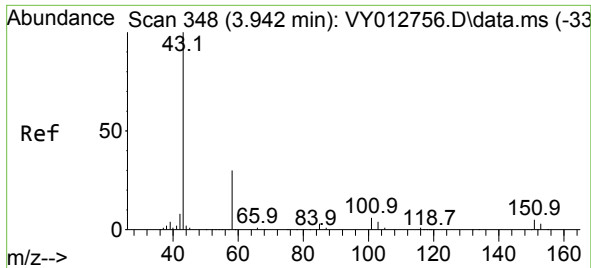
Tgt Ion: 64 Resp: 66
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#



#10
Methyl Iodide
Concen: 2.607 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.031 min
Lab File: VY012819.D
Acq: 06 Mar 2023 13:35

Tgt Ion: 142 Resp: 61
Ion Ratio Lower Upper
142 100
127 0.0 35.4 53.2#
141 0.0 11.3 16.9#

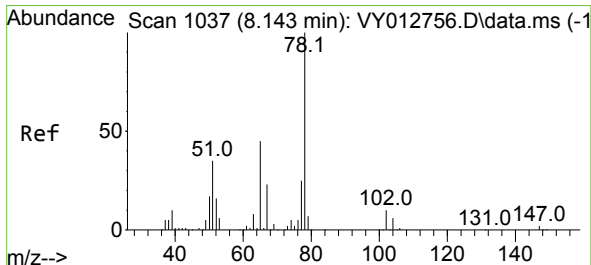
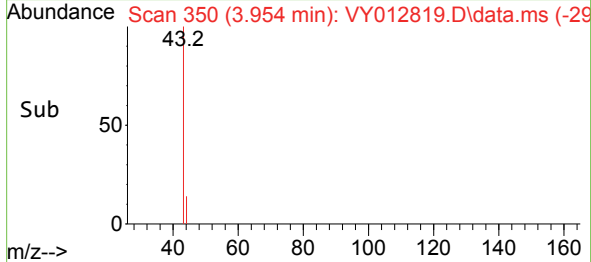
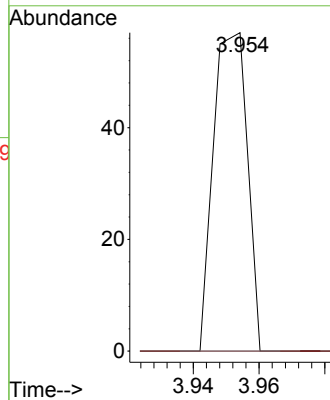
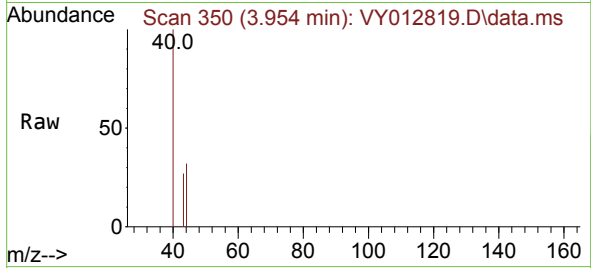




#16
Acetone
Concen: 6.326 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012819.D
Acq: 06 Mar 2023 13:35

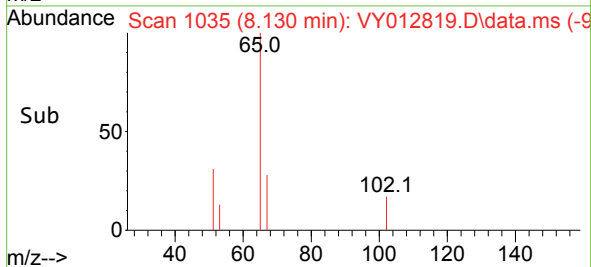
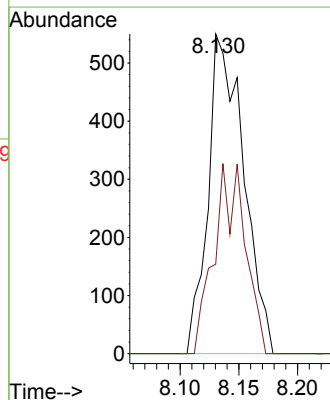
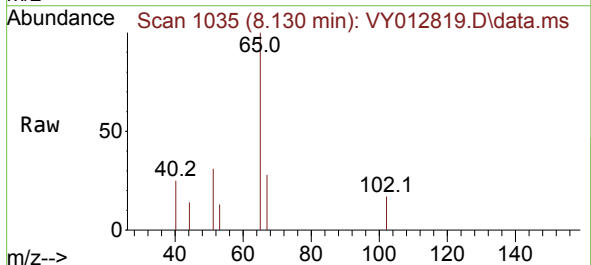
Instrument :
MSVOA_Y
ClientSampleId :
T5-1

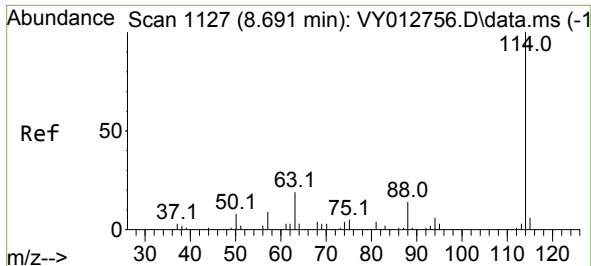
Tgt Ion: 43 Resp: 41
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#33
1,2-Dichloroethane-d4
Concen: 69.952 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.013 min
Lab File: VY012819.D
Acq: 06 Mar 2023 13:35

Tgt Ion: 65 Resp: 1155
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0

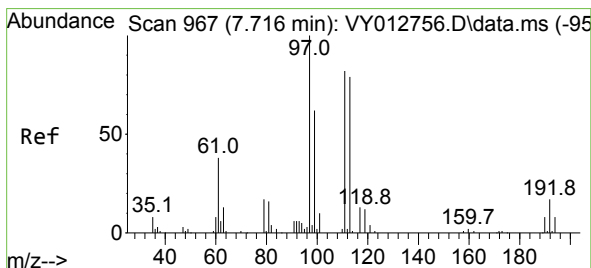
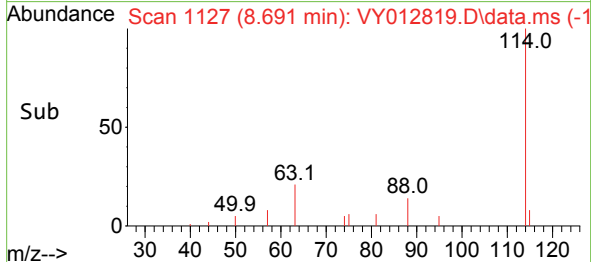
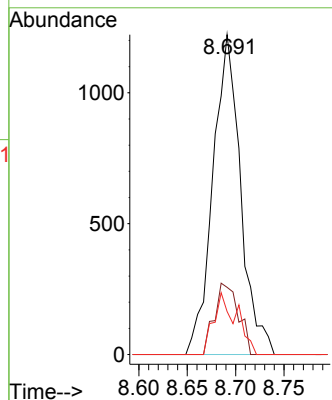
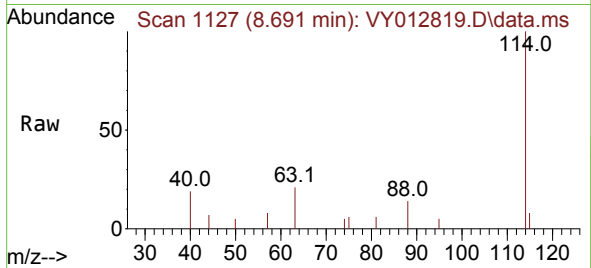




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012819.D
Acq: 06 Mar 2023 13:35

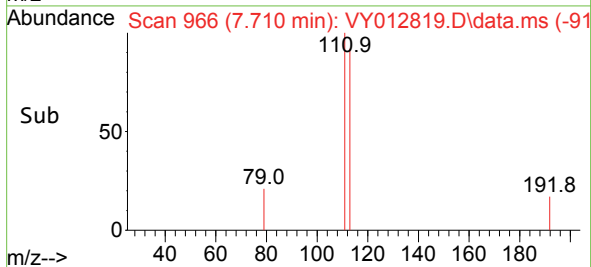
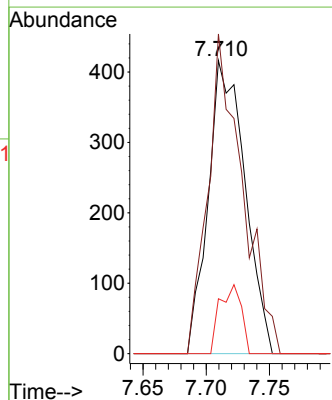
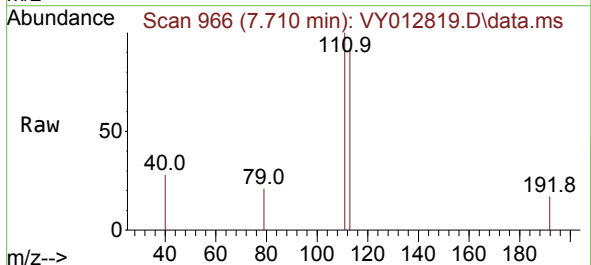
Instrument :
MSVOA_Y
ClientSampleId :
T5-1

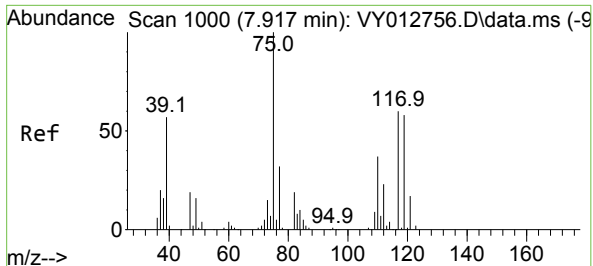
Tgt Ion:114 Resp: 2434
Ion Ratio Lower Upper
114 100
63 21.0 0.0 37.4
88 13.5 0.0 28.6



#35
Dibromofluoromethane
Concen: 57.117 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY012819.D
Acq: 06 Mar 2023 13:35

Tgt Ion:113 Resp: 839
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 13.8 16.8 25.2#





#36

1,1-Dichloropropene

Concen: 1.178 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012819.D

Acq: 06 Mar 2023 13:35

Instrument :

MSVOA_Y

ClientSampleId :

T5-1

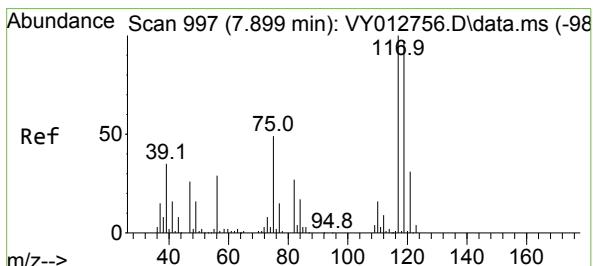
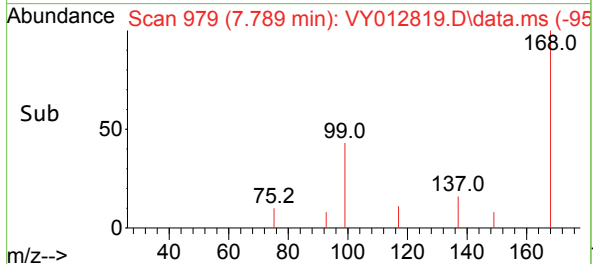
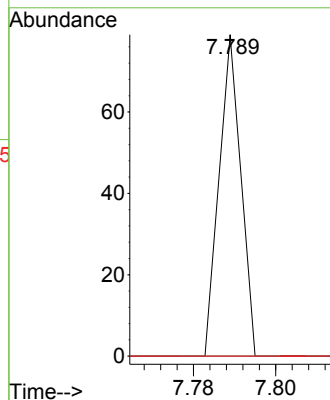
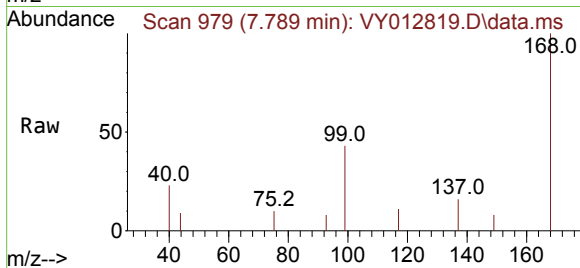
Tgt Ion: 75 Resp: 29

Ion Ratio Lower Upper

75 100

110 0.0 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 2.360 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012819.D

Acq: 06 Mar 2023 13:35

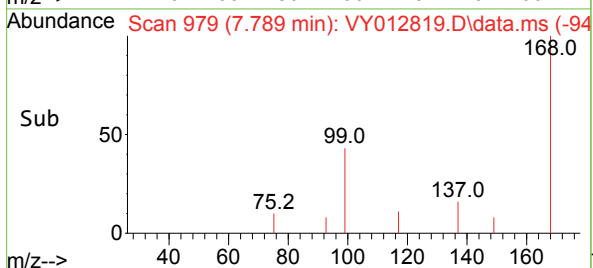
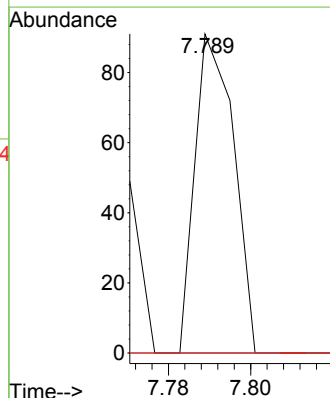
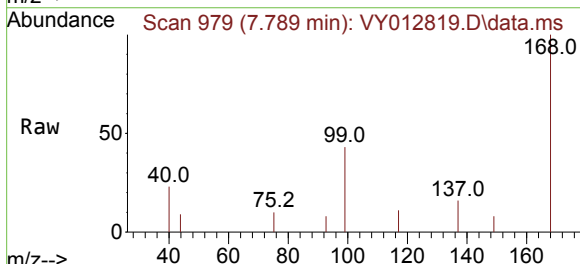
Tgt Ion: 117 Resp: 60

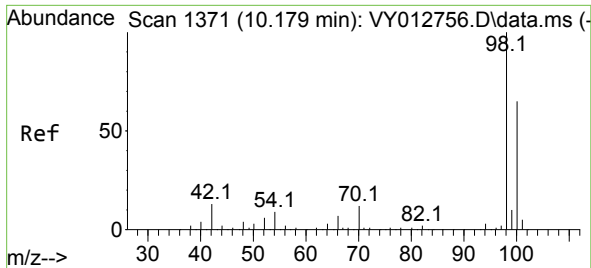
Ion Ratio Lower Upper

117 100

119 0.0 77.2 115.8#

121 0.0 24.7 37.1#

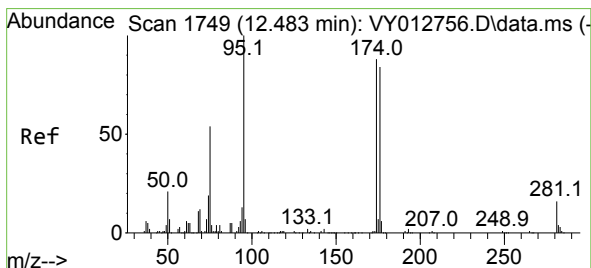
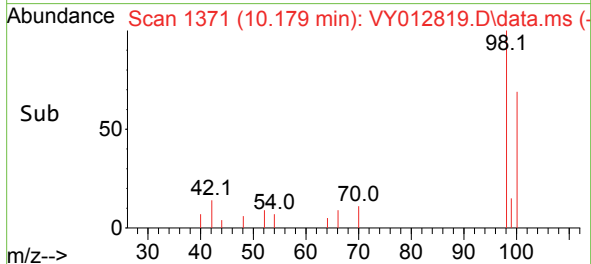
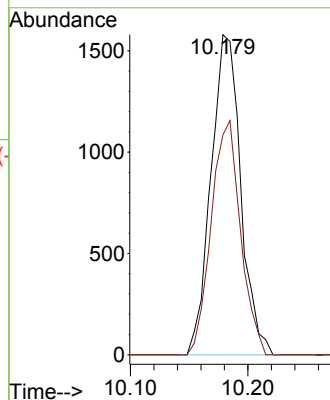
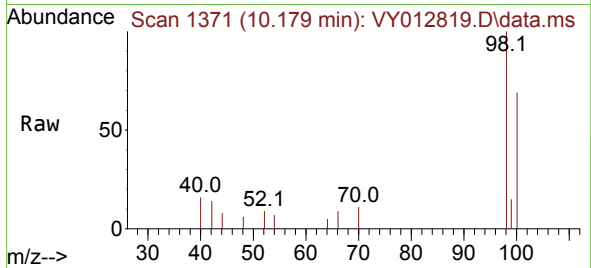




#50
Toluene-d8
Concen: 51.750 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012819.D
Acq: 06 Mar 2023 13:35

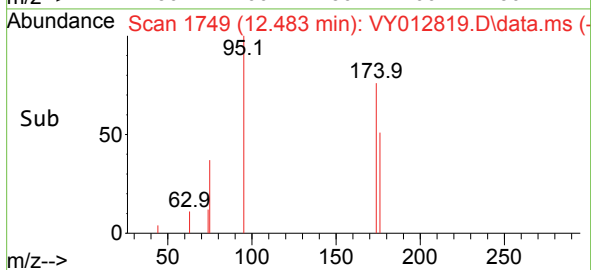
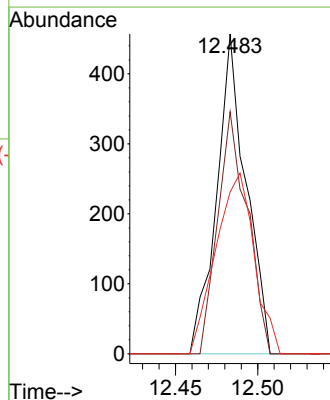
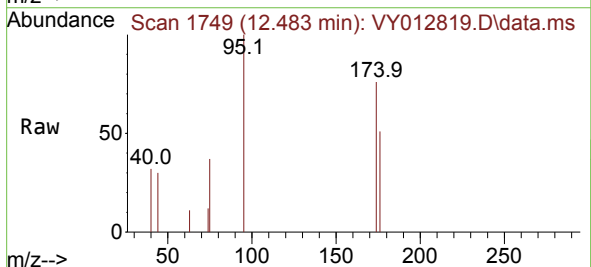
Instrument :
MSVOA_Y
ClientSampleId :
T5-1

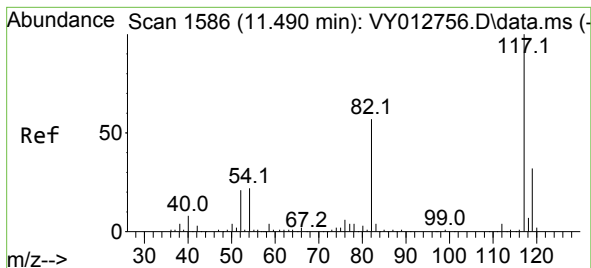
Tgt Ion: 98 Resp: 2779
Ion Ratio Lower Upper
98 100
100 71.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 31.337 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012819.D
Acq: 06 Mar 2023 13:35

Tgt Ion: 95 Resp: 568
Ion Ratio Lower Upper
95 100
174 75.9 0.0 176.6
176 73.8 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: VY012819.D

Acq: 06 Mar 2023 13:35

Instrument :

MSVOA_Y

ClientSampleId :

T5-1

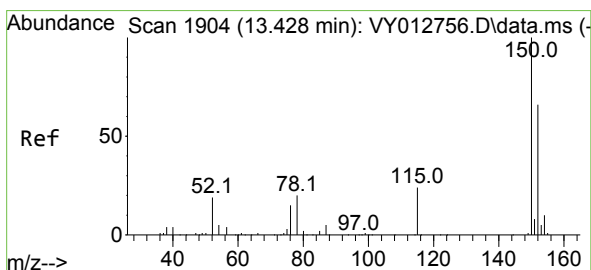
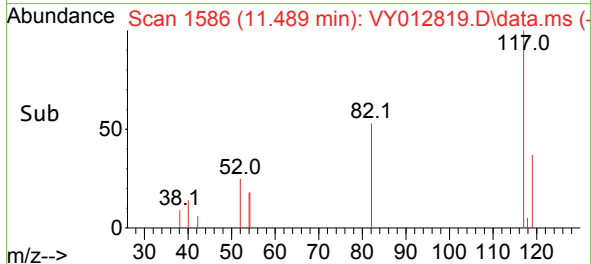
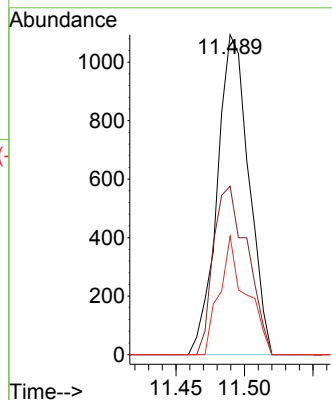
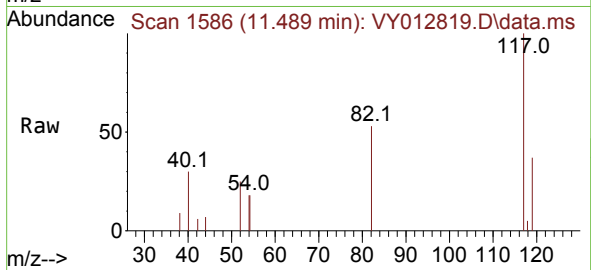
Tgt Ion:117 Resp: 1752

Ion Ratio Lower Upper

117 100

82 52.7 45.4 68.0

119 37.0 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: VY012819.D

Acq: 06 Mar 2023 13:35

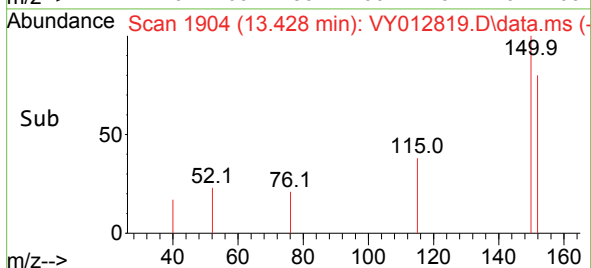
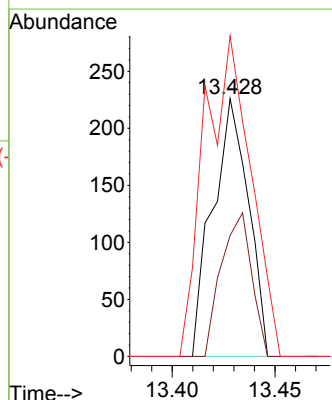
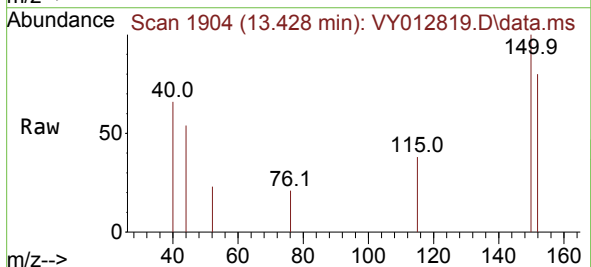
Tgt Ion:152 Resp: 274

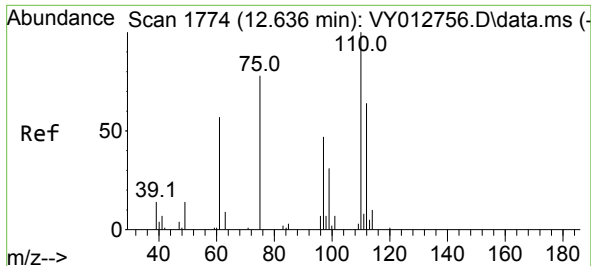
Ion Ratio Lower Upper

152 100

115 47.4 27.1 81.3

150 159.9 0.0 347.8

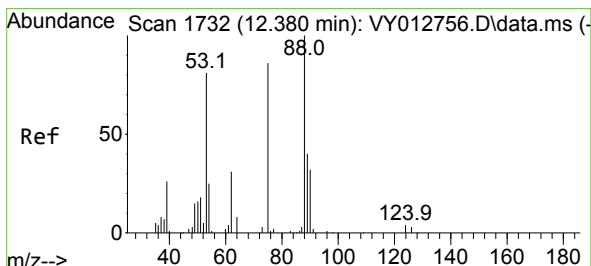
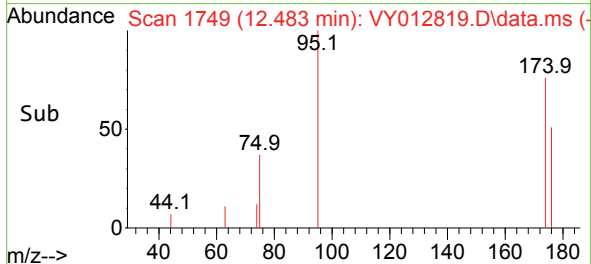
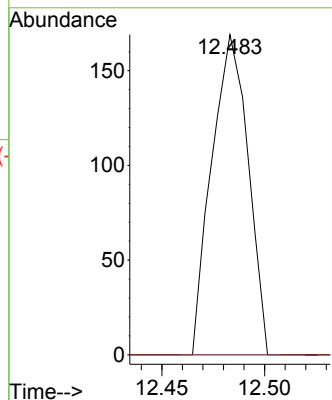
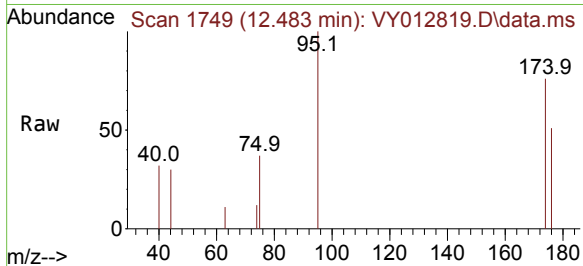




#76
1,2,3-Trichloropropane
Concen: 63.875 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012819.D
Acq: 06 Mar 2023 13:35

Instrument :
MSVOA_Y
ClientSampleId :
T5-1

Tgt Ion: 75 Resp: 209
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 132.352 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012819.D
Acq: 06 Mar 2023 13:35

Tgt Ion: 75 Resp: 209
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

