

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033123\
 Data File : VY013160.D
 Acq On : 31 Mar 2023 15:20
 Operator : KP/MD
 Sample : 02161-01
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-6

Quant Time: Apr 01 00:07:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 05:07:15 2023
 Response via : Initial Calibration

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

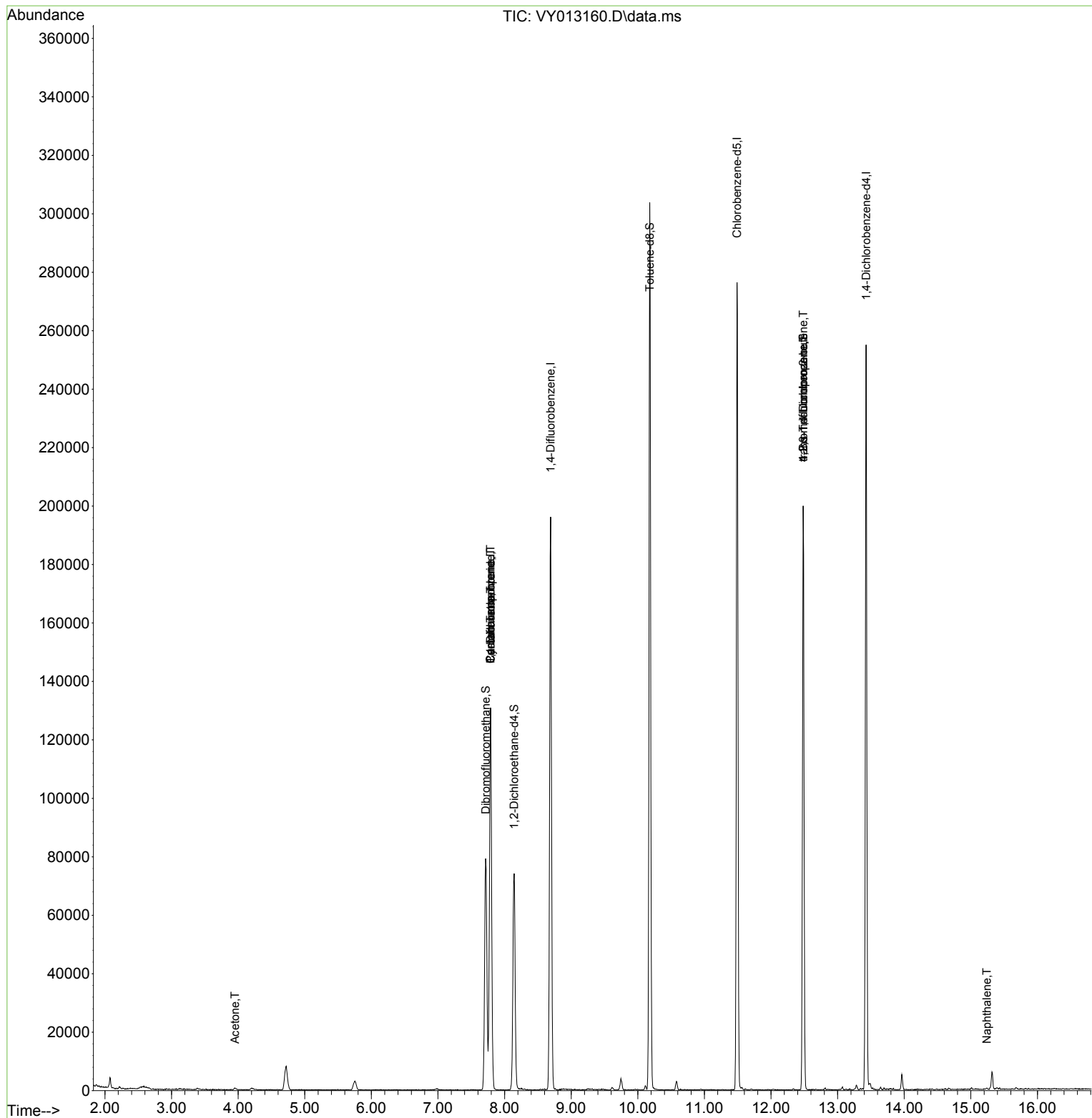
Internal Standards						
1) Pentafluorobenzene	7.789	168	102254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	164948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	148369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	60382	54.947	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.900%	
35) Dibromofluoromethane	7.716	113	56506	52.439	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.880%	
50) Toluene-d8	10.179	98	196271	48.249	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.500%	
62) 4-Bromofluorobenzene	12.483	95	59064	44.606	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.220%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	976	2.905	ug/l #	86
20) Methylene Chloride	4.722	84	5932	Below Cal		96
31) Cyclohexane	7.789	56	2085	1.162	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	7023	4.329	ug/l #	51
38) Carbon Tetrachloride	7.789	117	9746	5.445	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	30279	41.642	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	30279	92.867	ug/l #	13
95) Naphthalene	15.239	128	504	3.427	ug/l #	69

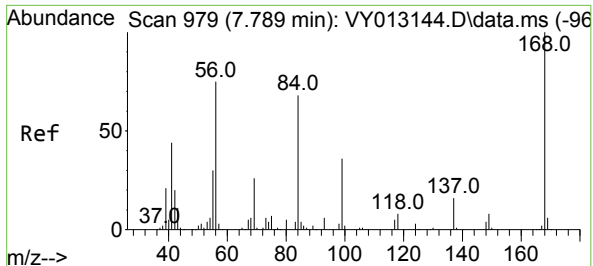
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 31 05:07:15 2023
Response via : Initial Calibration

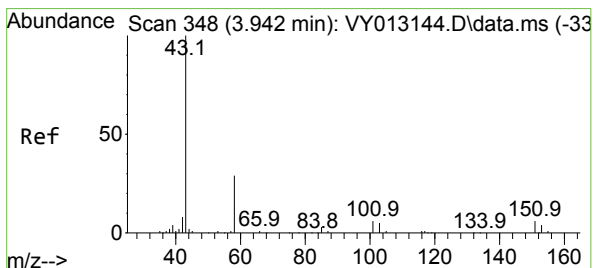
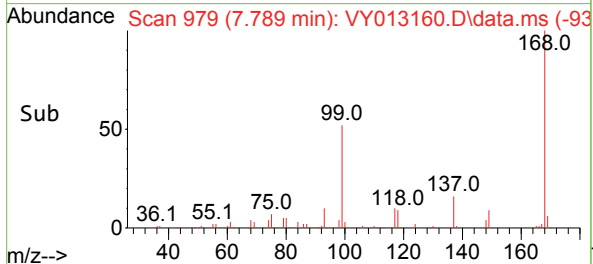
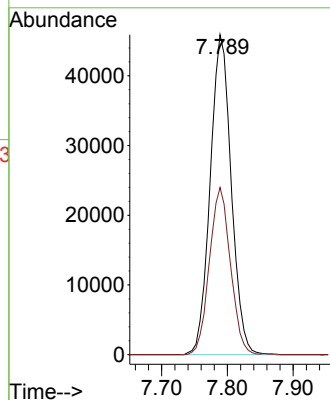
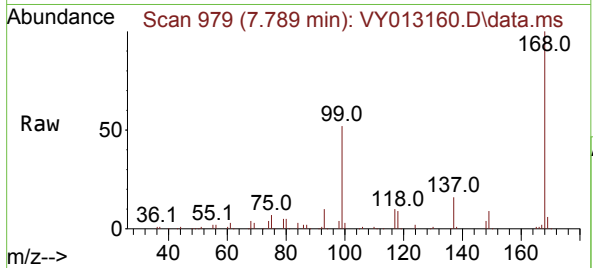




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013160.D
Acq: 31 Mar 2023 15:20

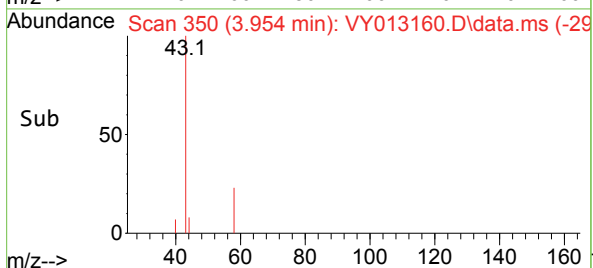
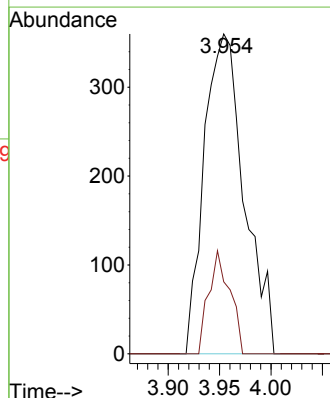
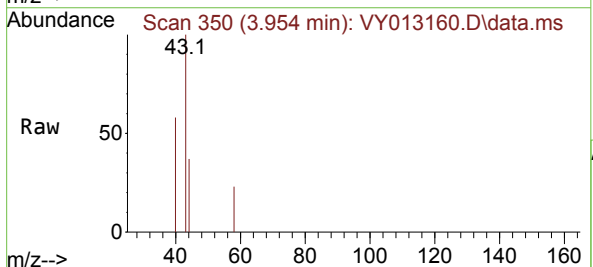
Instrument :
MSVOA_Y
ClientSampleId :
WC-6

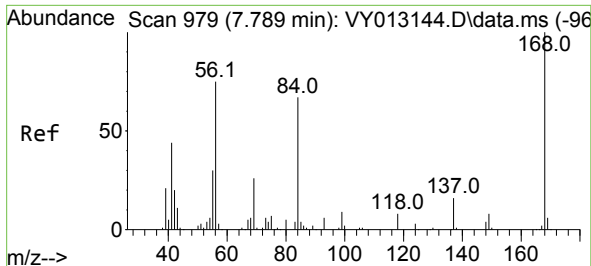
Tgt Ion:168 Resp: 102254
Ion Ratio Lower Upper
168 100
99 52.3 41.7 62.5



#16
Acetone
Concen: 2.905 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY013160.D
Acq: 31 Mar 2023 15:20

Tgt Ion: 43 Resp: 976
Ion Ratio Lower Upper
43 100
58 22.5 24.2 36.2#

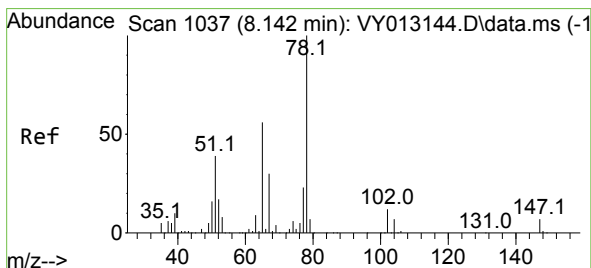
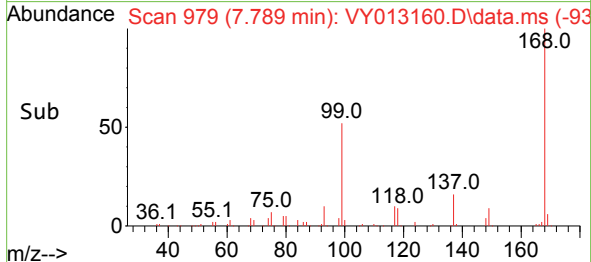
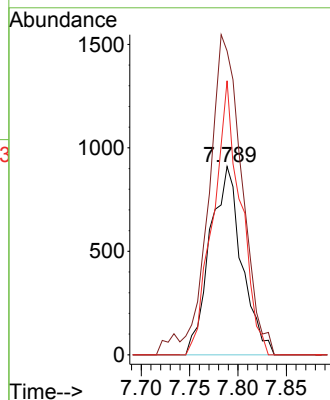
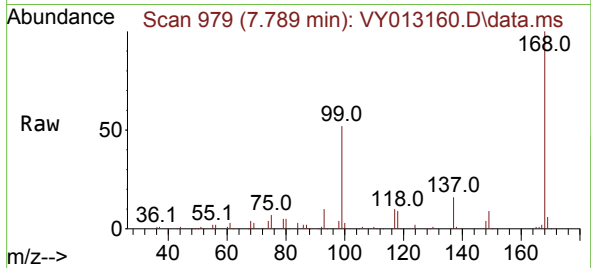




#31
Cyclohexane
Concen: 1.162 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013160.D
Acq: 31 Mar 2023 15:20

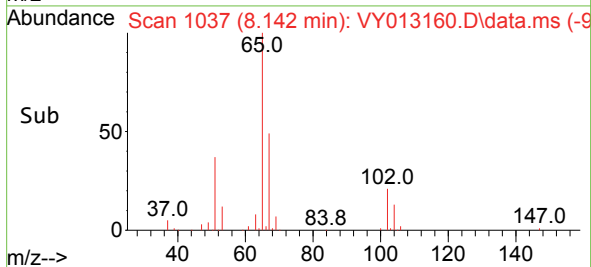
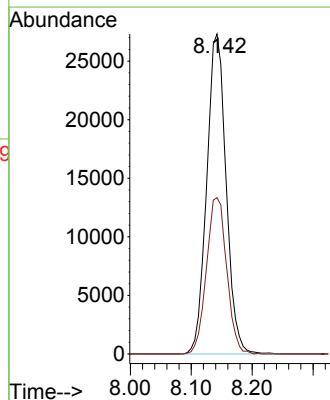
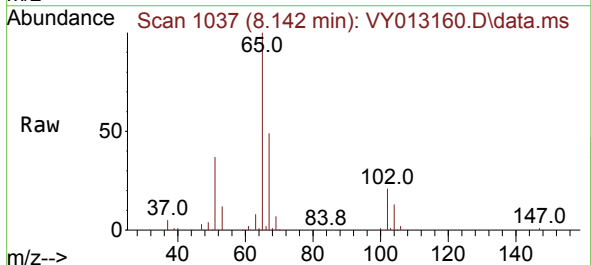
Instrument :
MSVOA_Y
ClientSampleId :
WC-6

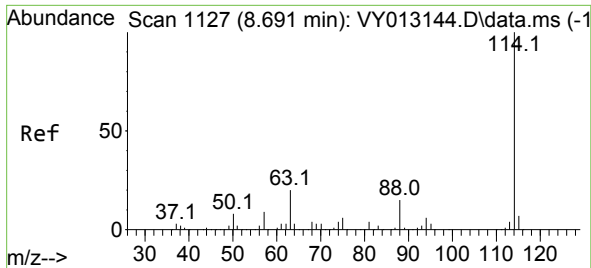
Tgt Ion: 56 Resp: 2085
Ion Ratio Lower Upper
56 100
69 161.3 25.7 38.5#
84 145.5 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 54.947 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY013160.D
Acq: 31 Mar 2023 15:20

Tgt Ion: 65 Resp: 60382
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.0

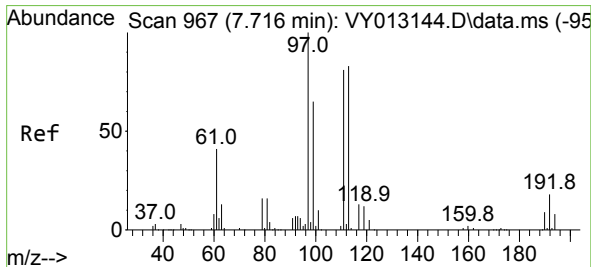
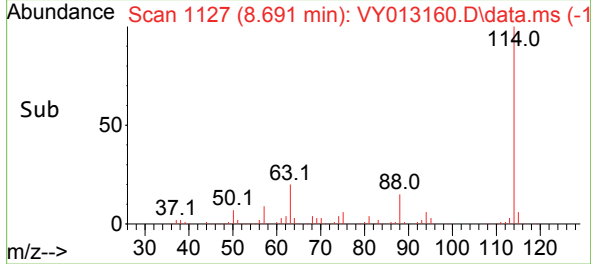
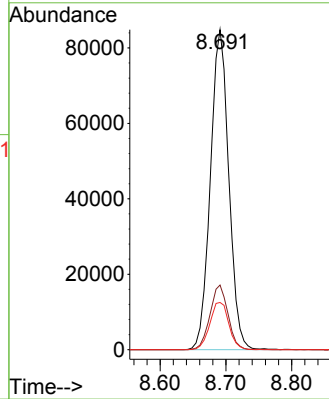
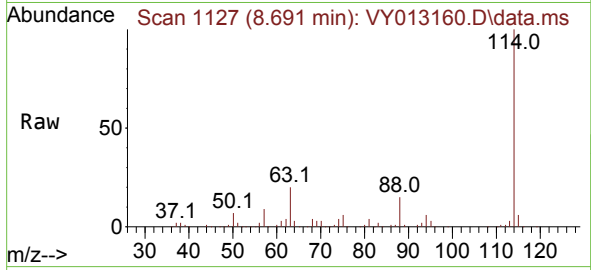




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY013160.D
Acq: 31 Mar 2023 15:20

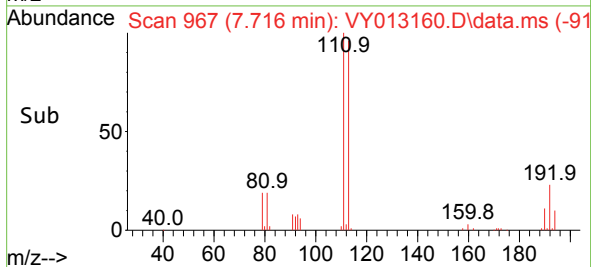
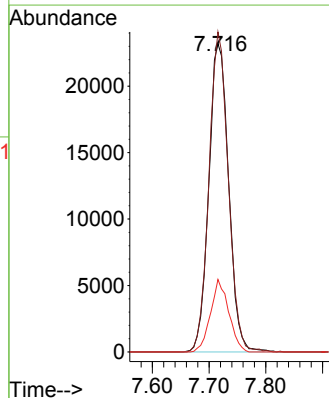
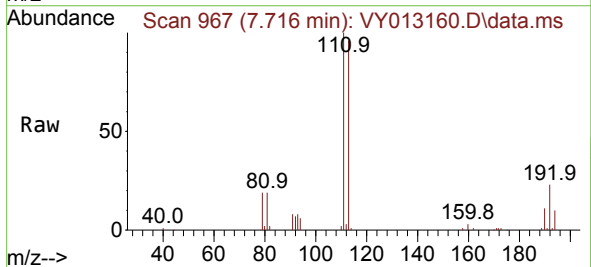
Instrument :
MSVOA_Y
ClientSampleId :
WC-6

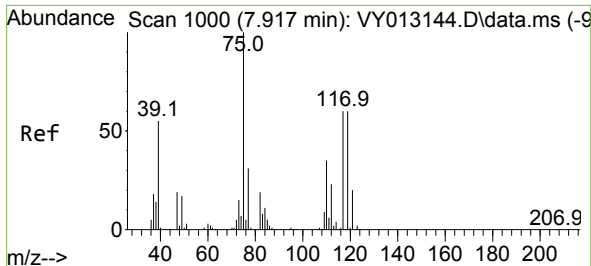
Tgt Ion:114 Resp: 164948
Ion Ratio Lower Upper
114 100
63 20.2 0.0 37.4
88 14.7 0.0 28.6



#35
Dibromofluoromethane
Concen: 52.439 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013160.D
Acq: 31 Mar 2023 15:20

Tgt Ion:113 Resp: 56506
Ion Ratio Lower Upper
113 100
111 100.7 82.2 123.2
192 21.6 16.8 25.2

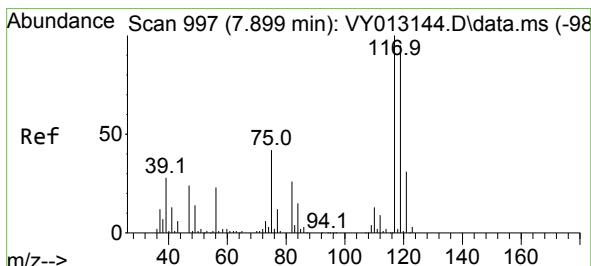
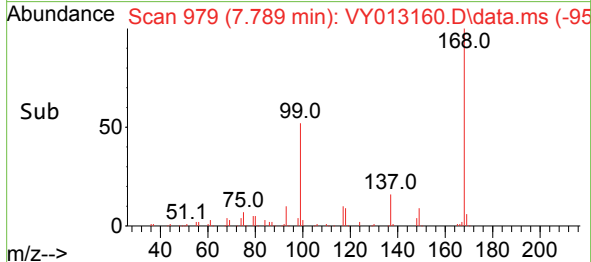
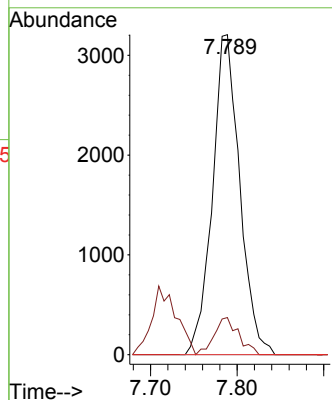
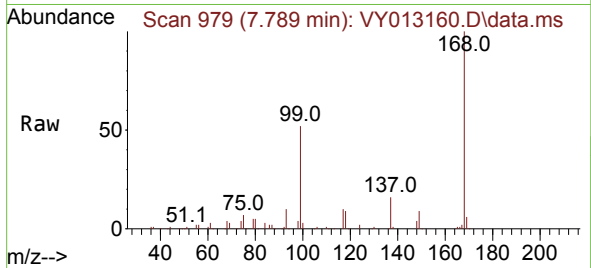




#36
1,1-Dichloropropene
Concen: 4.329 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY013160.D
Acq: 31 Mar 2023 15:20

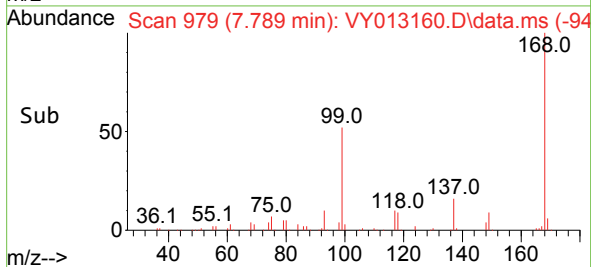
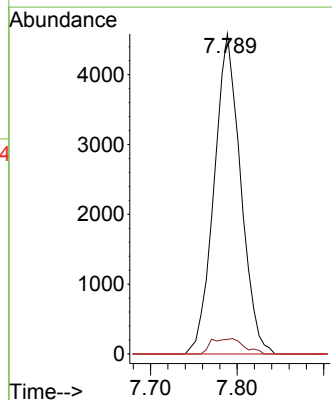
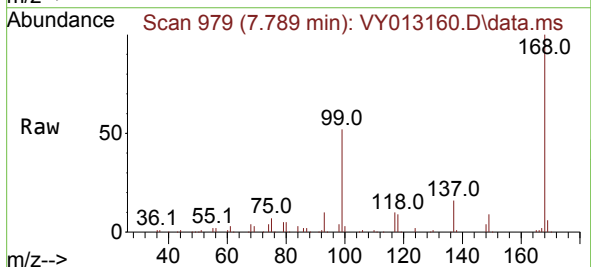
Instrument :
MSVOA_Y
ClientSampleId :
WC-6

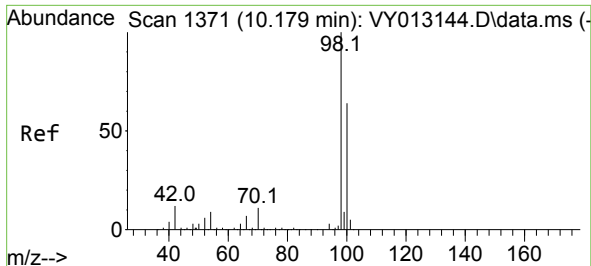
Tgt Ion: 75 Resp: 7023
Ion Ratio Lower Upper
75 100
110 10.4 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.445 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY013160.D
Acq: 31 Mar 2023 15:20

Tgt Ion: 117 Resp: 9746
Ion Ratio Lower Upper
117 100
119 4.5 77.2 115.8#
121 0.0 24.7 37.1#

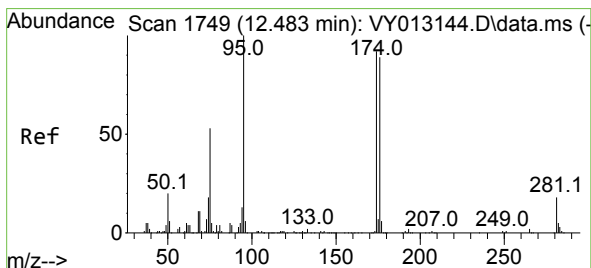
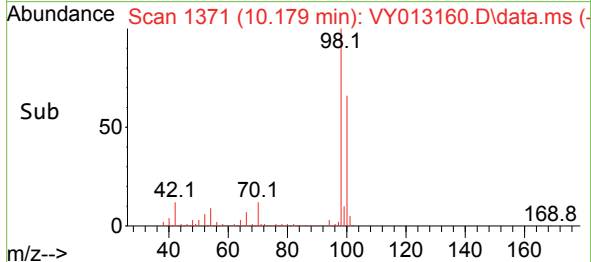
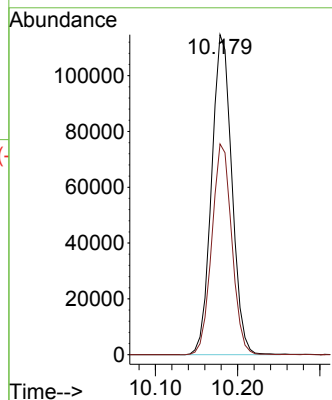
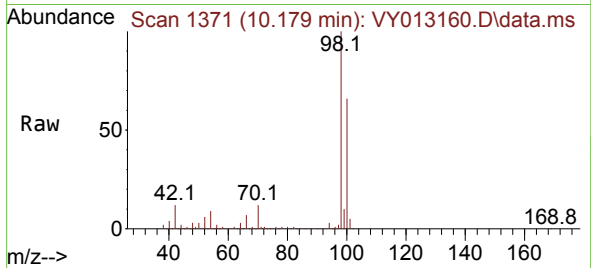




#50
Toluene-d8
Concen: 48.249 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013160.D
Acq: 31 Mar 2023 15:20

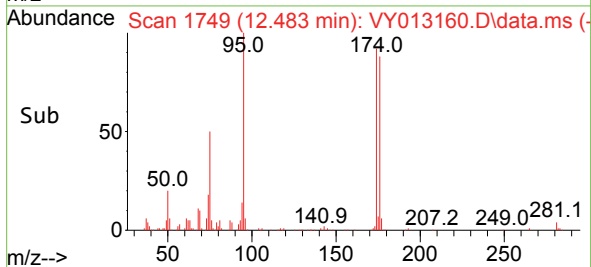
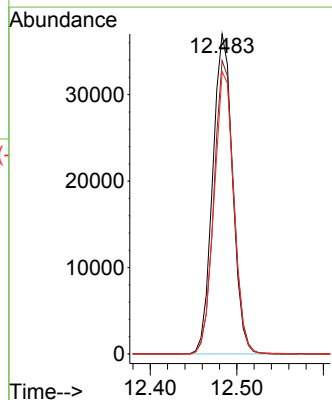
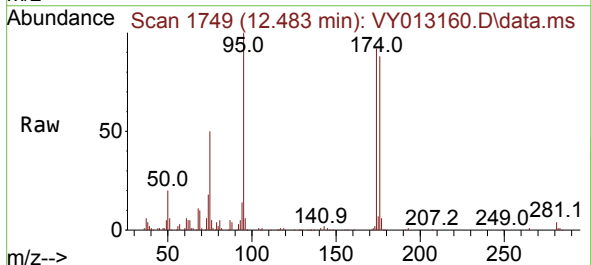
Instrument :
MSVOA_Y
ClientSampleId :
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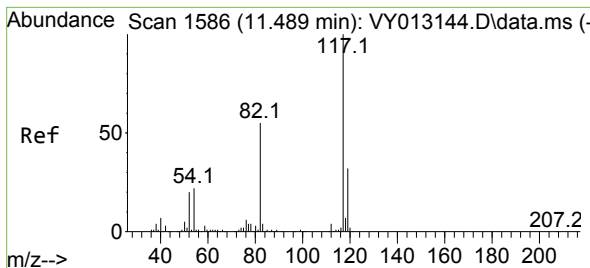
Tgt Ion: 98 Resp: 196271
Ion Ratio Lower Upper
98 100
100 64.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 44.606 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013160.D
Acq: 31 Mar 2023 15:20

Tgt Ion: 95 Resp: 59064
Ion Ratio Lower Upper
95 100
174 90.9 0.0 176.6
176 88.0 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY013160.D

Acq: 31 Mar 2023 15:20

Instrument :

MSVOA_Y

ClientSampleId :

WC-6

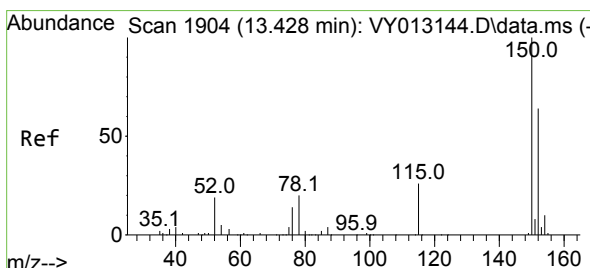
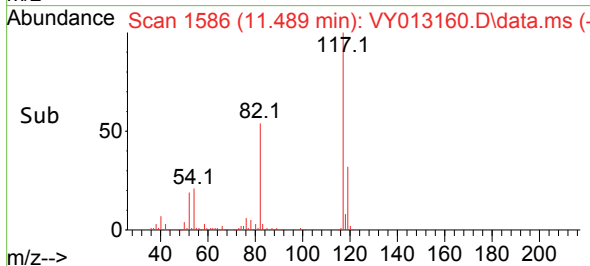
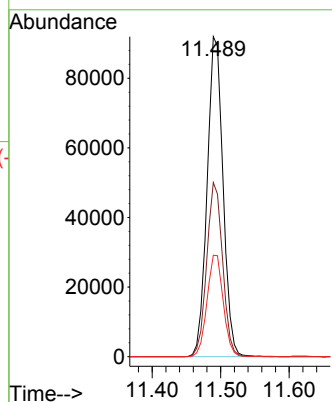
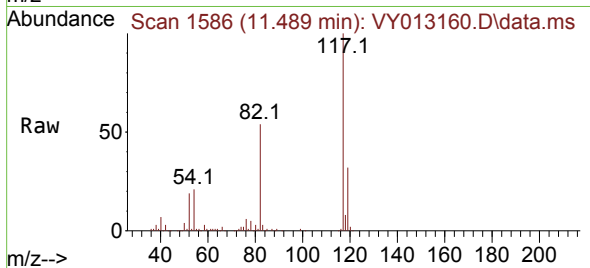
Tgt Ion:117 Resp: 148369

Ion Ratio Lower Upper

117 100

82 54.4 45.4 68.0

119 31.7 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: VY013160.D

Acq: 31 Mar 2023 15:20

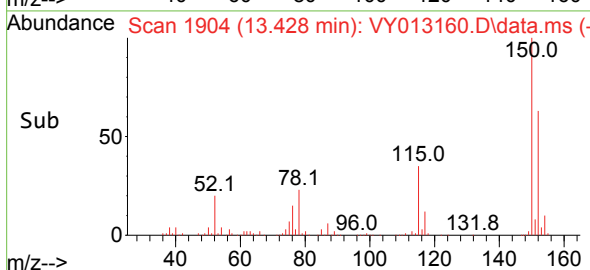
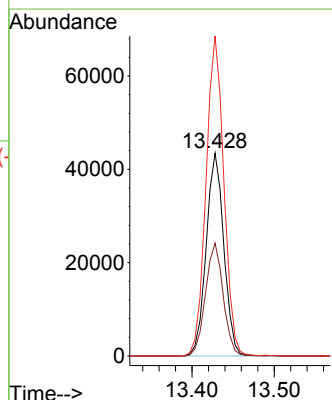
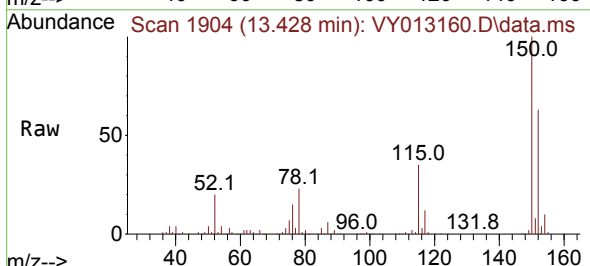
Tgt Ion:152 Resp: 64726

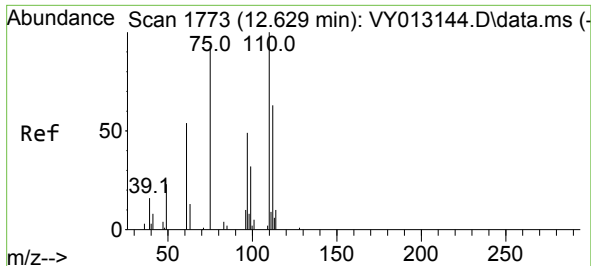
Ion Ratio Lower Upper

152 100

115 55.9 27.1 81.3

150 159.5 0.0 347.8

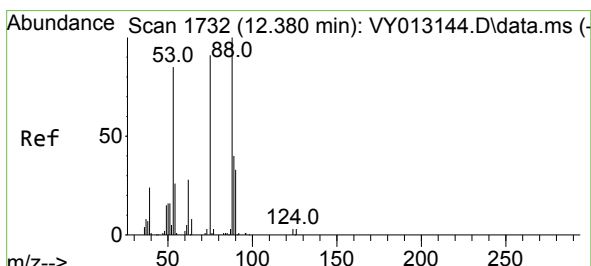
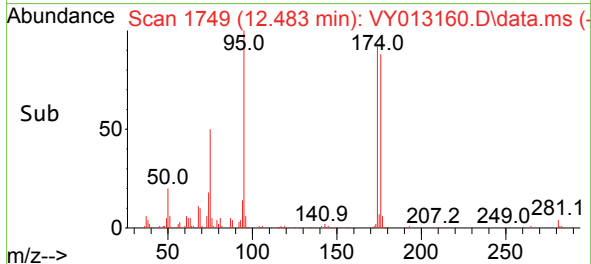
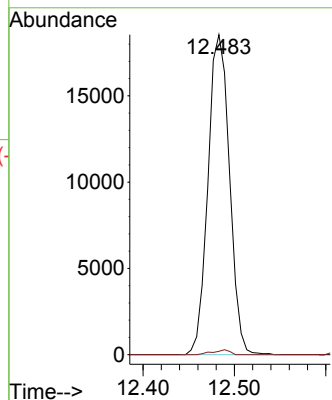
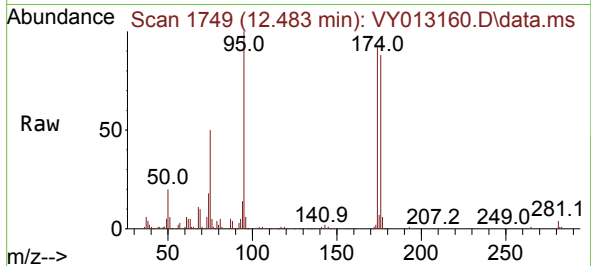




#76
1,2,3-Trichloropropane
Concen: 41.642 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY013160.D
Acq: 31 Mar 2023 15:20

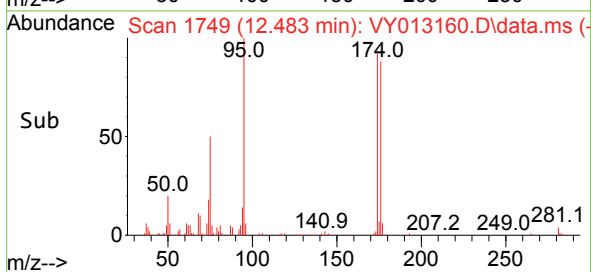
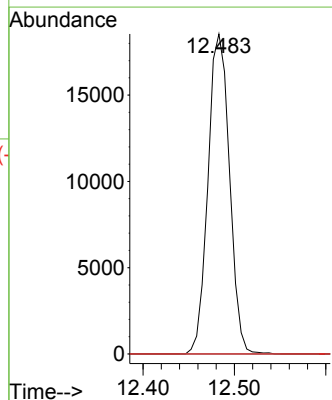
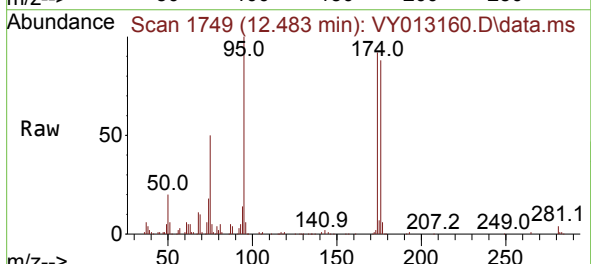
Instrument :
MSVOA_Y
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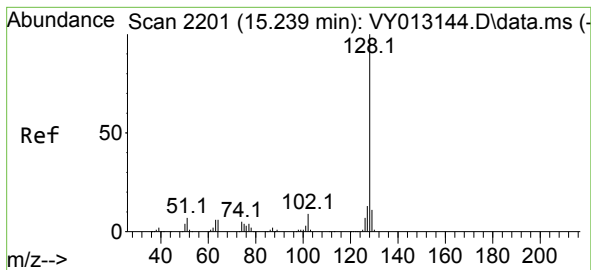
Tgt Ion: 75 Resp: 30279
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.867 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY013160.D
Acq: 31 Mar 2023 15:20

Tgt Ion: 75 Resp: 30279
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#





#95
Naphthalene
Concen: 3.427 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY013160.D
Acq: 31 Mar 2023 15:20

Instrument :
MSVOA_Y
ClientSampleId :
WC-6

Tgt Ion:	128	Resp:	504
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

