

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012767.D
 Acq On : 02 Mar 2023 18:31
 Operator : KP/MD
 Sample : 01736-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

Quant Time: Mar 03 01:58:33 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)

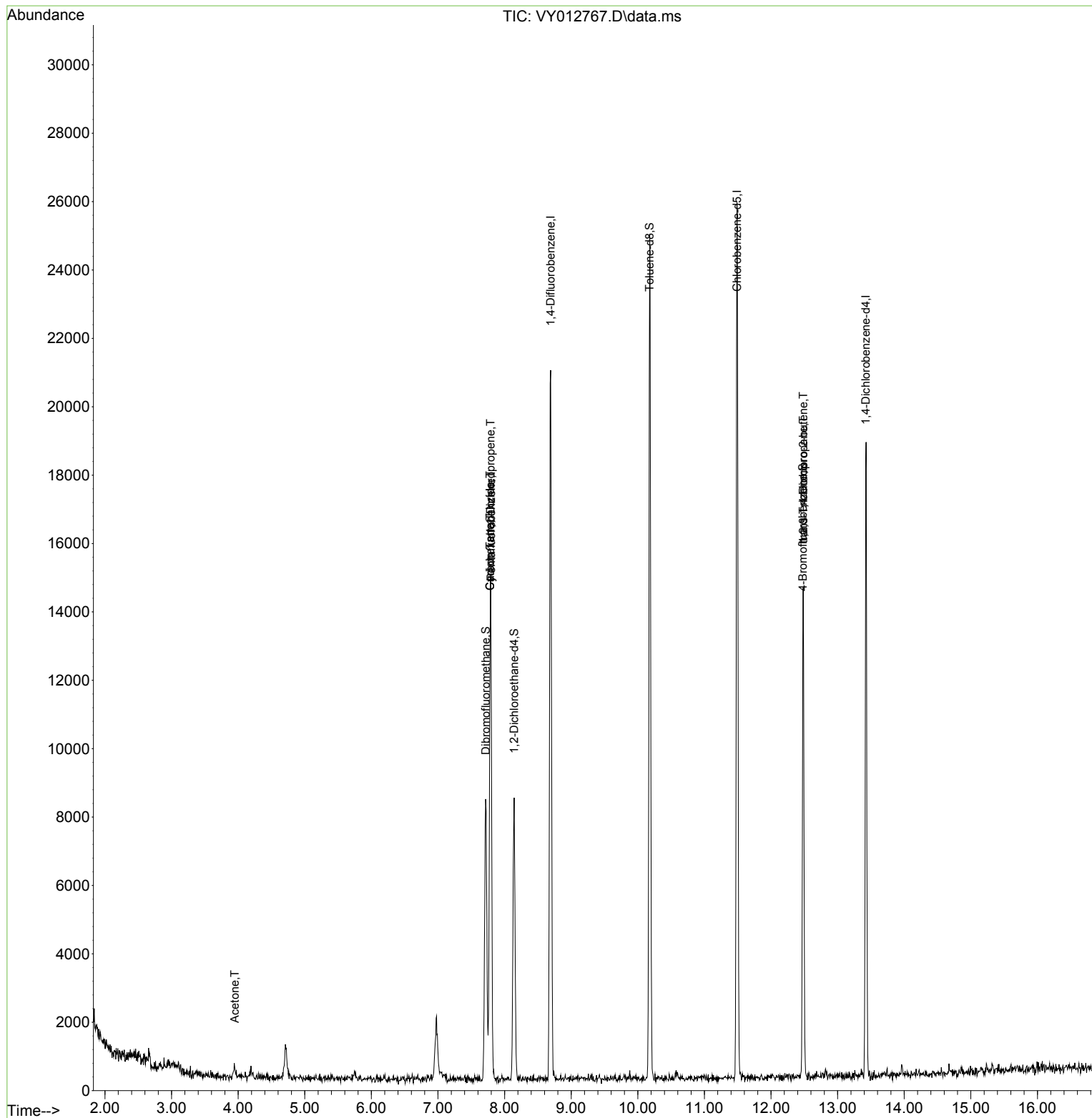
Internal Standards						
1) Pentafluorobenzene	7.795	168	11928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	17588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	14667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	4849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	6028	50.899	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.800%
35) Dibromofluoromethane	7.715	113	5610	52.853	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.700%
50) Toluene-d8	10.178	98	16517	42.565	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.140%
62) 4-Bromofluorobenzene	12.477	95	4487	34.259	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.520%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.929	59	19	Below Cal	#	74
16) Acetone	3.948	43	469	10.089	ug/l	89
20) Methylene Chloride	4.710	84	394	Below Cal	#	85
31) Cyclohexane	7.783	56	241	1.063	ug/l	# 13
36) 1,1-Dichloropropene	7.789	75	876	4.925	ug/l	# 41
38) Carbon Tetrachloride	7.783	117	1269	6.909	ug/l	# 12
76) 1,2,3-Trichloropropane	12.483	75	2238	38.650	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	2238	80.083	ug/l	# 13

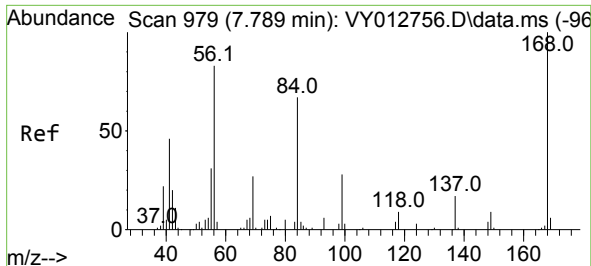
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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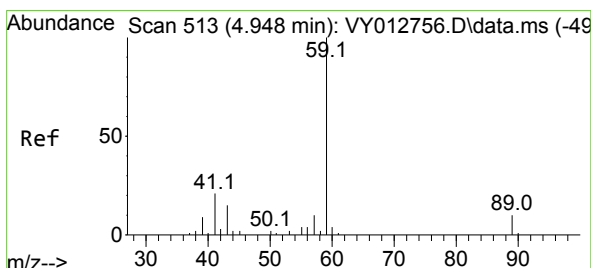
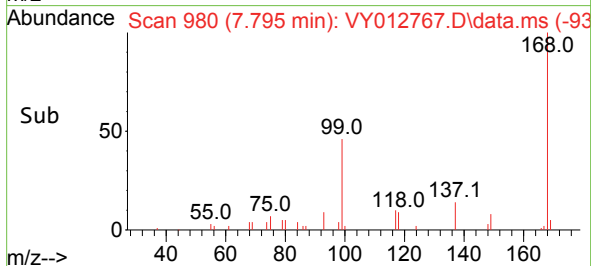
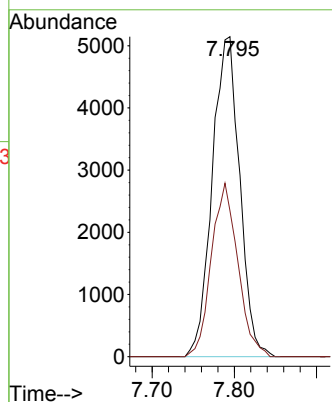
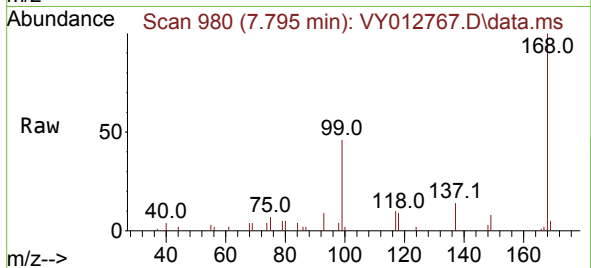




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012767.D
Acq: 02 Mar 2023 18:31

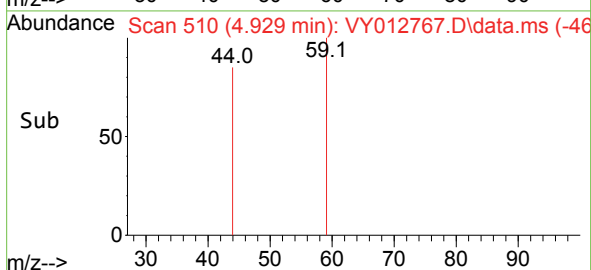
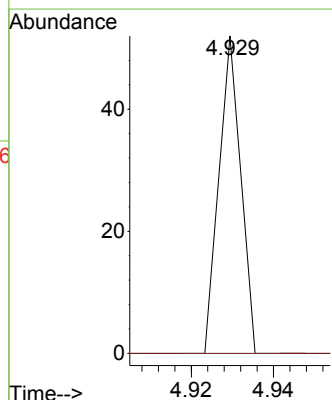
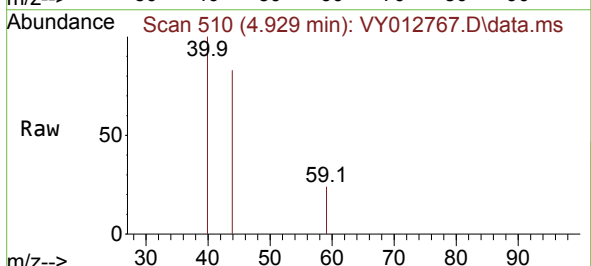
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

Tgt Ion:168 Resp: 11928
Ion Ratio Lower Upper
168 100
99 45.6 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.929 min Scan# 510
Delta R.T. -0.019 min
Lab File: VY012767.D
Acq: 02 Mar 2023 18:31

Tgt Ion: 59 Resp: 19
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 10.089 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY012767.D

Acq: 02 Mar 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

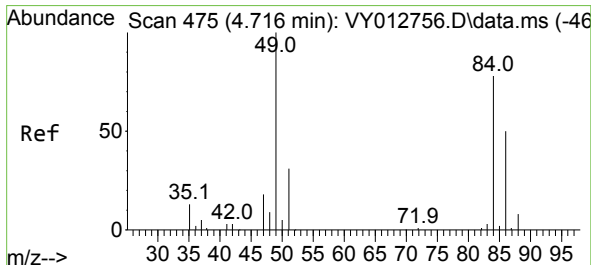
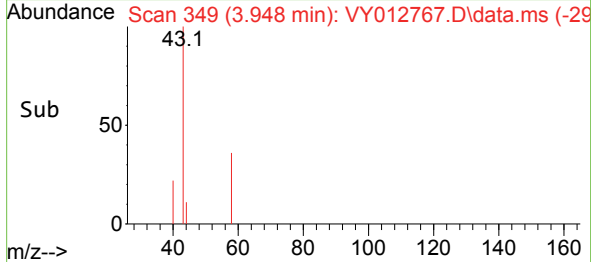
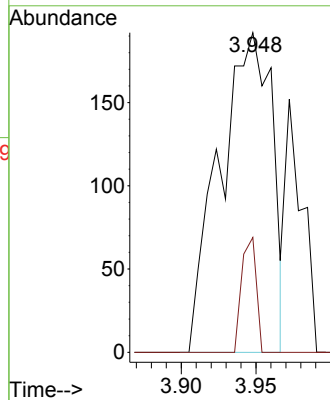
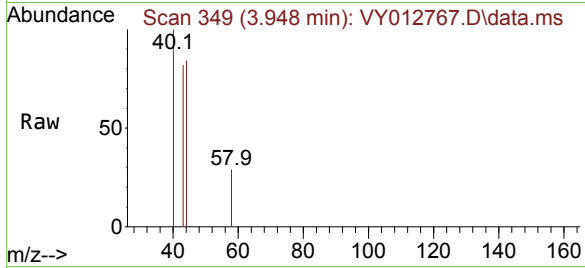
TP-5

Tgt Ion: 43 Resp: 469

Ion Ratio Lower Upper

43 100

58 35.9 24.2 36.2



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY012767.D

Acq: 02 Mar 2023 18:31

Tgt Ion: 84 Resp: 394

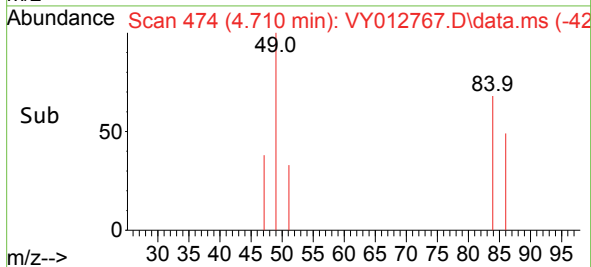
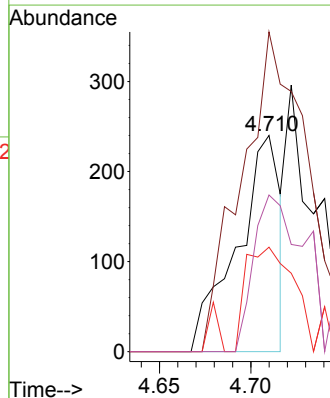
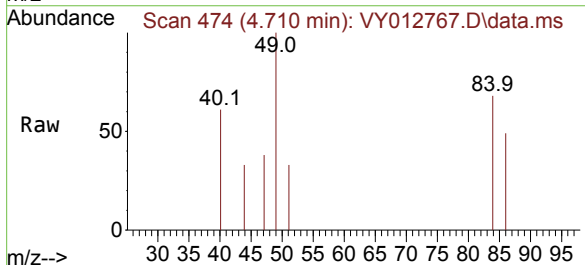
Ion Ratio Lower Upper

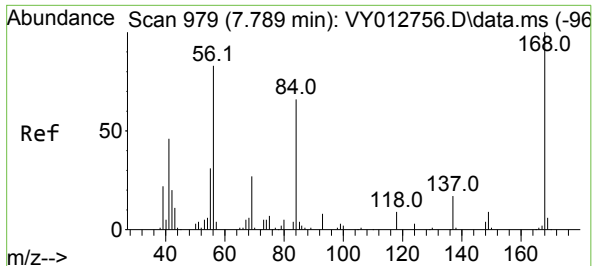
84 100

49 147.9 102.6 154.0

51 48.3 31.9 47.9#

86 72.5 51.0 76.6

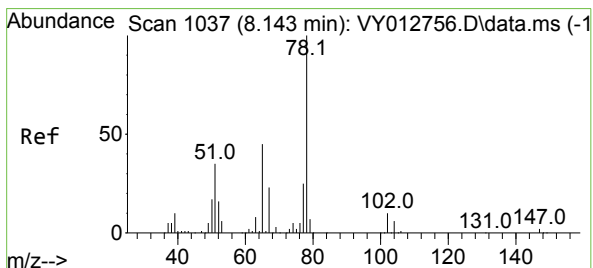
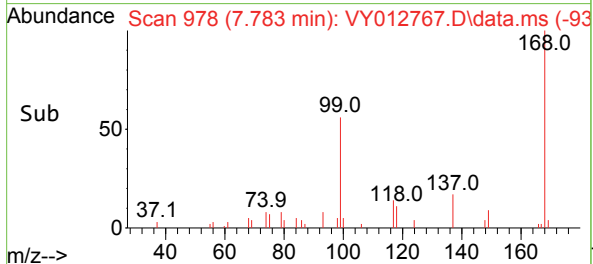
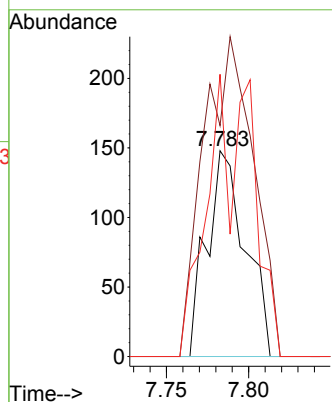
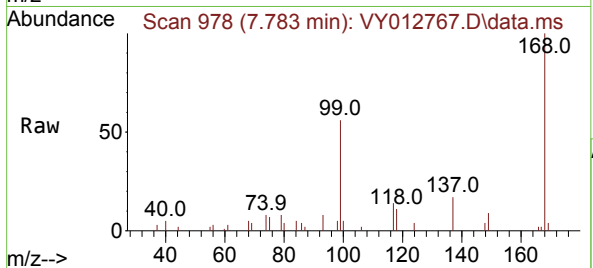




#31
Cyclohexane
Concen: 1.063 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012767.D
Acq: 02 Mar 2023 18:31

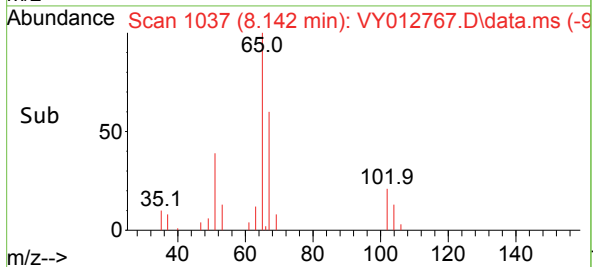
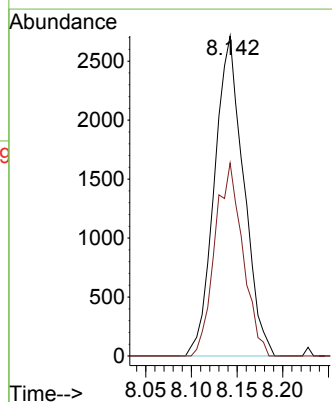
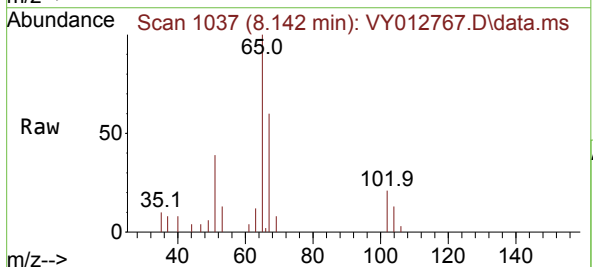
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

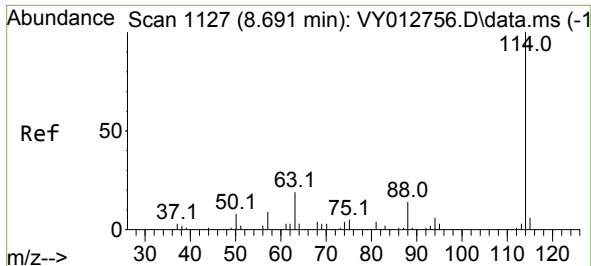
Tgt Ion: 56 Resp: 241
Ion Ratio Lower Upper
56 100
69 112.2 25.7 38.5#
84 137.2 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 50.899 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012767.D
Acq: 02 Mar 2023 18:31

Tgt Ion: 65 Resp: 6028
Ion Ratio Lower Upper
65 100
67 57.7 0.0 104.0

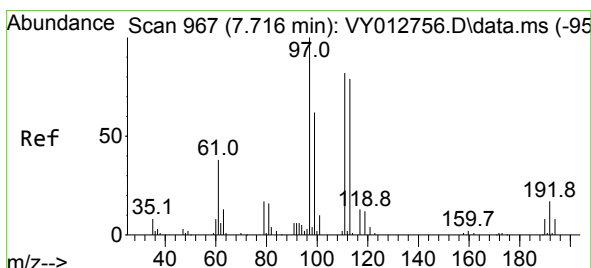
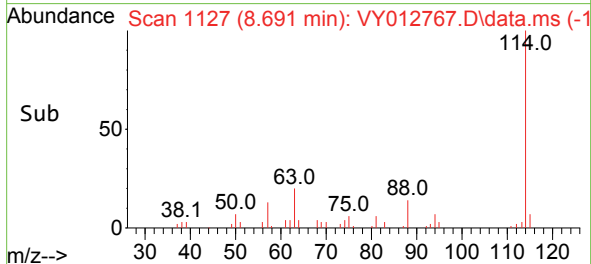
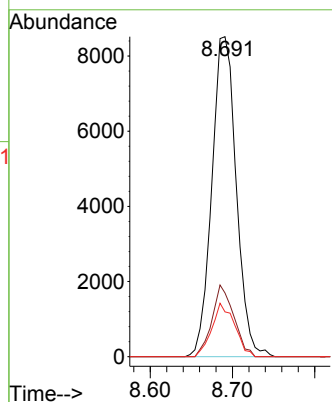
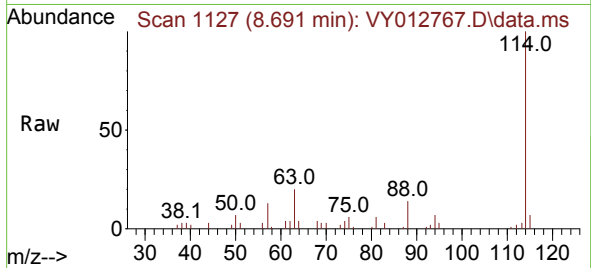




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY012767.D
 Acq: 02 Mar 2023 18:31

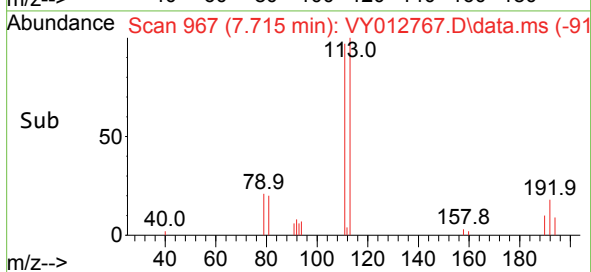
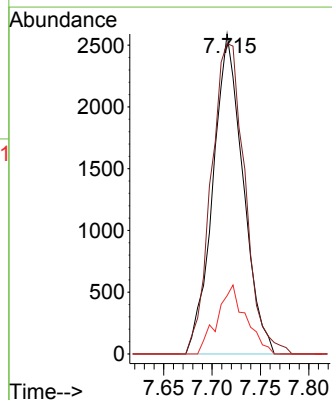
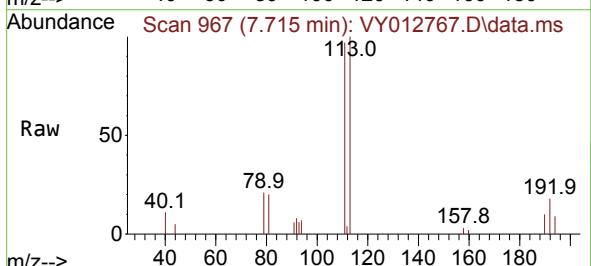
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

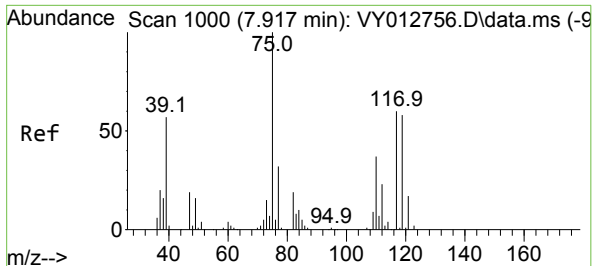
Tgt Ion:	114	Resp:	17588
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	37.4
88	14.0	0.0	28.6



#35
 Dibromofluoromethane
 Concen: 52.853 ug/l
 RT: 7.715 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VY012767.D
 Acq: 02 Mar 2023 18:31

Tgt Ion:	113	Resp:	5610
Ion	Ratio	Lower	Upper
113	100		
111	108.4	82.2	123.2
192	20.6	16.8	25.2





#36

1,1-Dichloropropene

Concen: 4.925 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012767.D

Acq: 02 Mar 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

TP-5

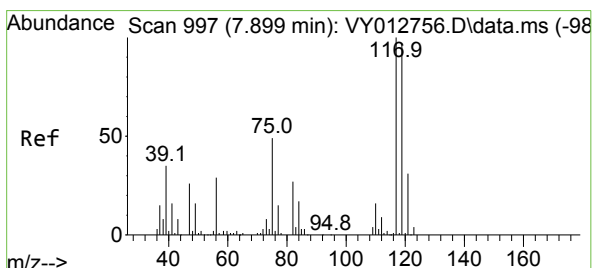
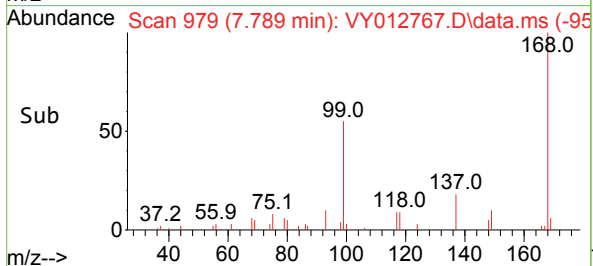
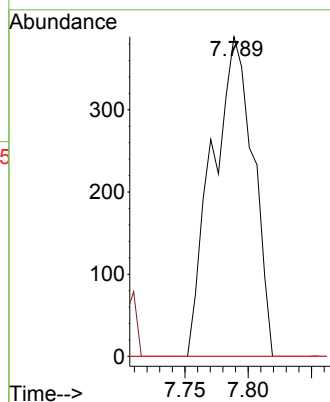
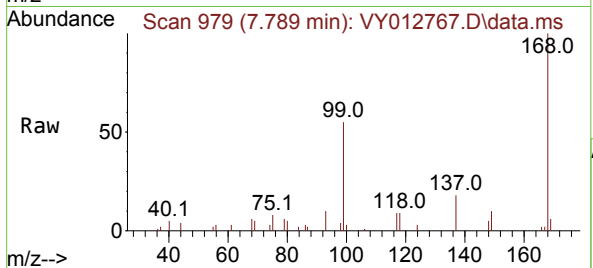
Tgt Ion: 75 Resp: 876

Ion Ratio Lower Upper

75 100

110 0.0 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.909 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY012767.D

Acq: 02 Mar 2023 18:31

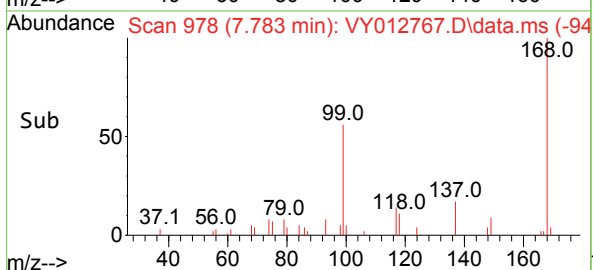
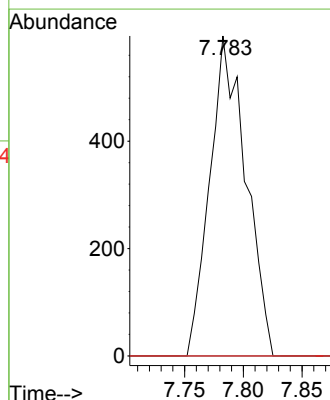
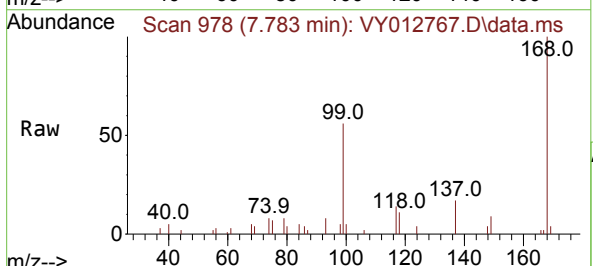
Tgt Ion: 117 Resp: 1269

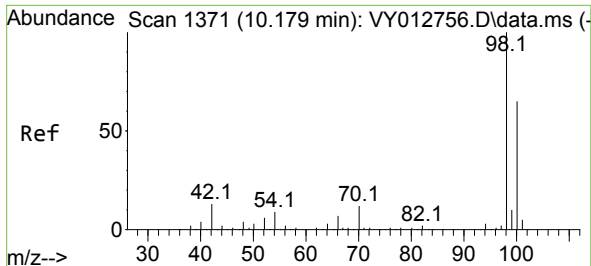
Ion Ratio Lower Upper

117 100

119 0.0 77.2 115.8#

121 0.0 24.7 37.1#

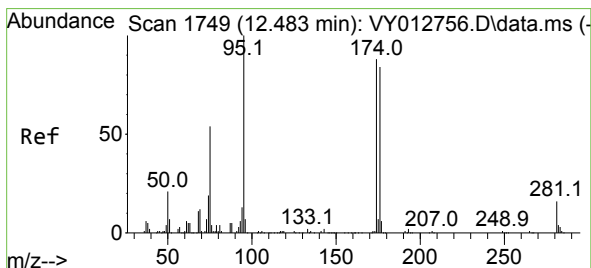
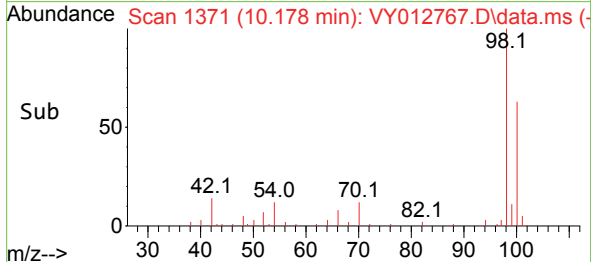
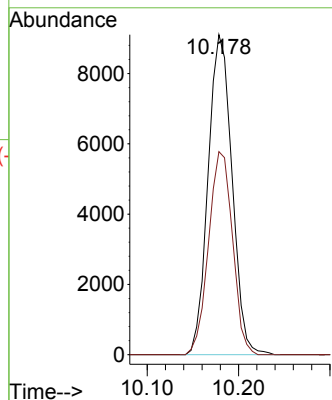
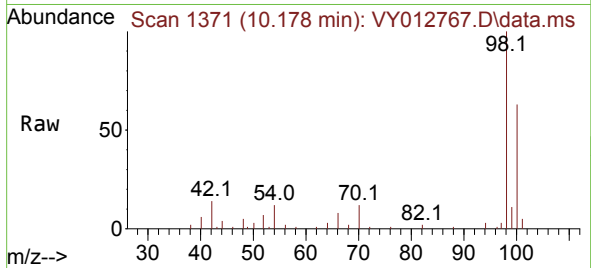




#50
Toluene-d8
Concen: 42.565 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012767.D
Acq: 02 Mar 2023 18:31

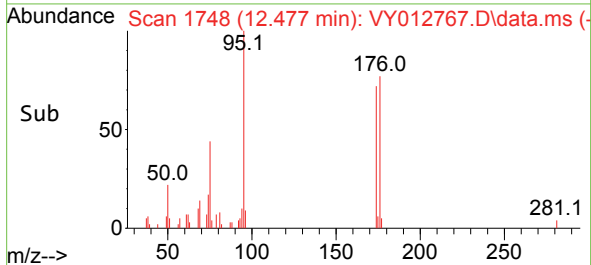
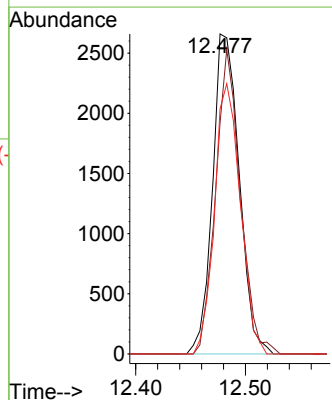
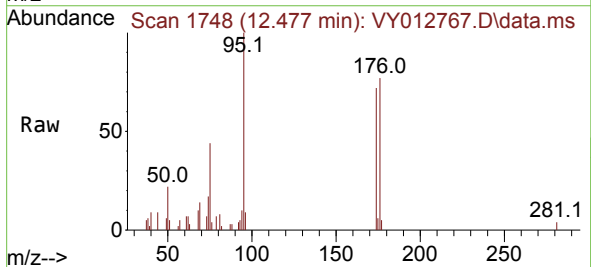
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

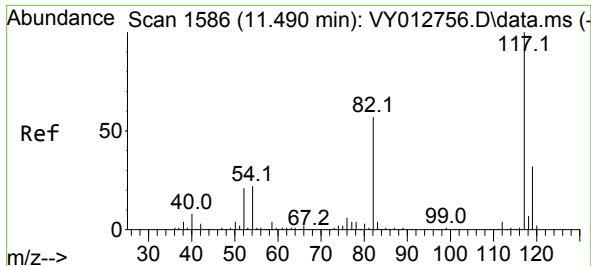
Tgt Ion: 98 Resp: 16517
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 34.259 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012767.D
Acq: 02 Mar 2023 18:31

Tgt Ion: 95 Resp: 4487
Ion Ratio Lower Upper
95 100
174 87.9 0.0 176.6
176 82.0 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: VY012767.D

Acq: 02 Mar 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

TP-5

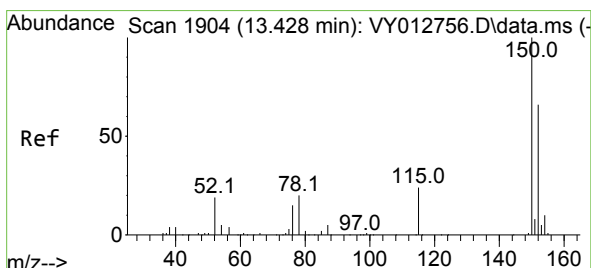
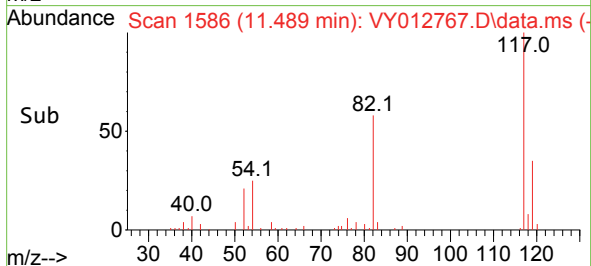
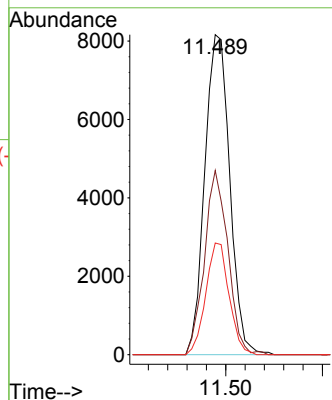
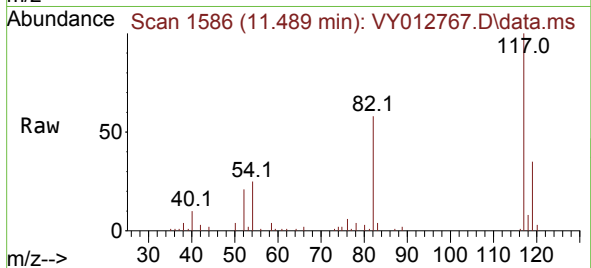
Tgt Ion:117 Resp: 14667

Ion Ratio Lower Upper

117 100

82 57.5 45.4 68.0

119 34.9 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012767.D

Acq: 02 Mar 2023 18:31

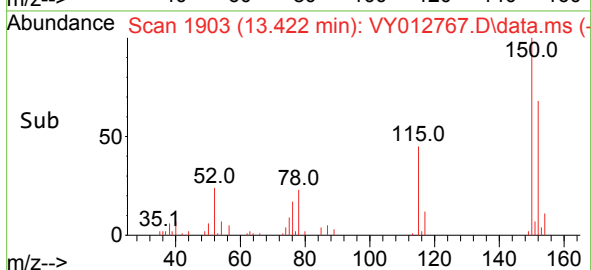
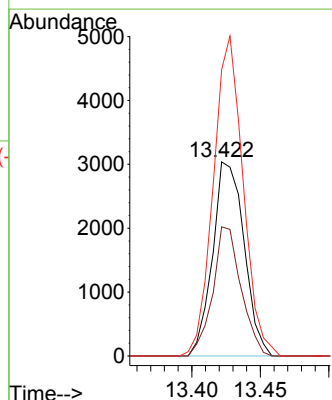
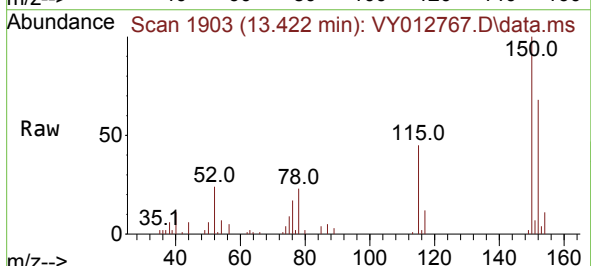
Tgt Ion:152 Resp: 4849

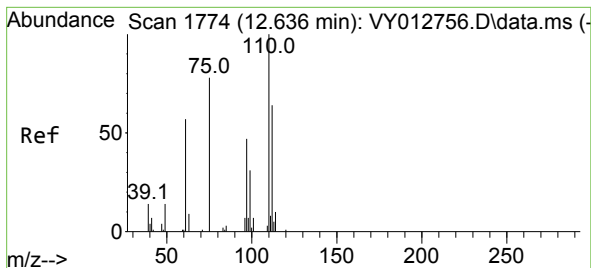
Ion Ratio Lower Upper

152 100

115 60.0 27.1 81.3

150 155.7 0.0 347.8

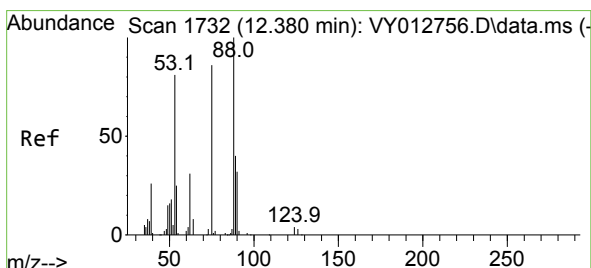
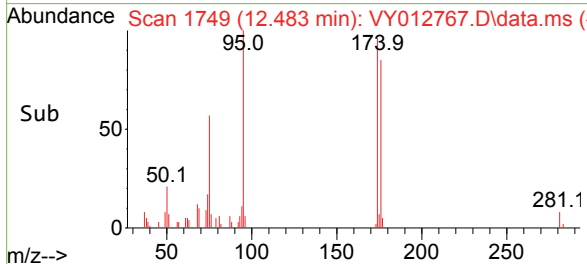
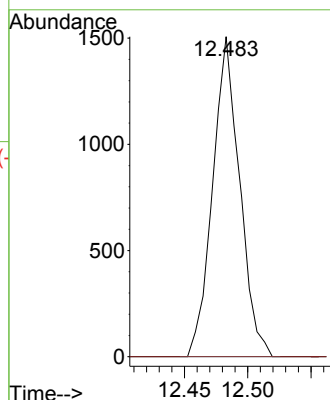
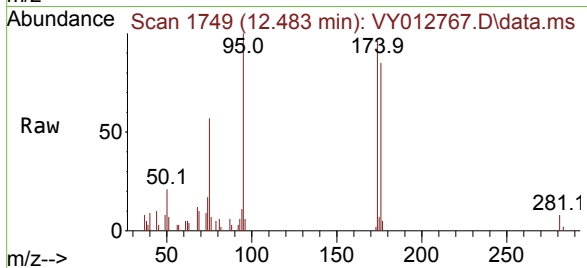




#76
1,2,3-Trichloropropane
Concen: 38.650 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012767.D
Acq: 02 Mar 2023 18:31

Instrument :
MSVOA_Y
ClientSampleId :
TP-5

Tgt Ion: 75 Resp: 2238
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 80.083 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012767.D
Acq: 02 Mar 2023 18:31

Tgt Ion: 75 Resp: 2238
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

