

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020923\
 Data File : VY012563.D
 Acq On : 09 Feb 2023 13:58
 Operator : KP/MD
 Sample : 01504-06
 Misc : 10.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-1

Quant Time: Feb 10 05:58:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

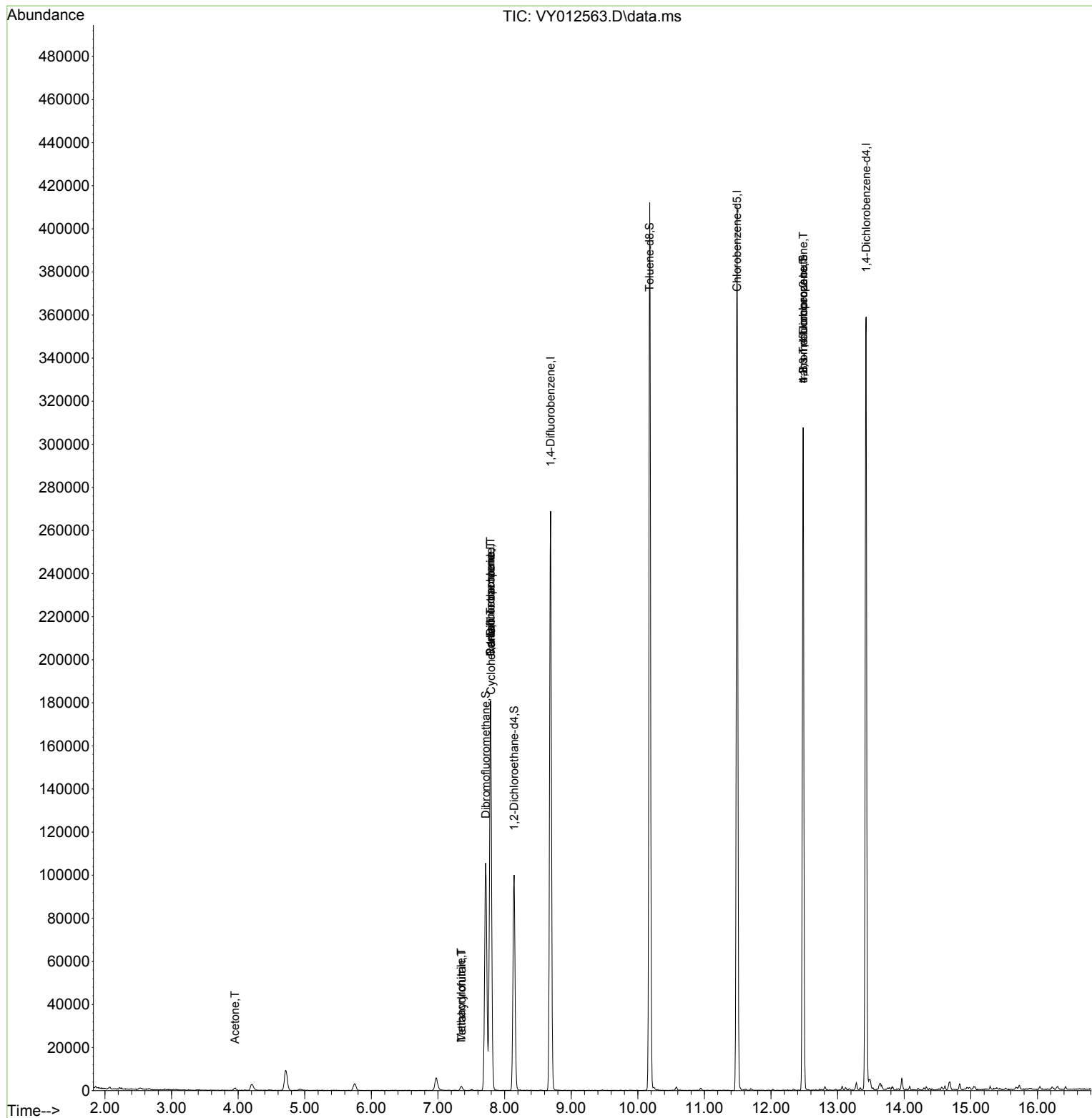
Internal Standards						
1) Pentafluorobenzene	7.789	168	142713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	239412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	228720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	84372	46.492	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.980%
35) Dibromofluoromethane	7.716	113	71729	41.140	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.280%
50) Toluene-d8	10.179	98	279885	38.567	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.140%
62) 4-Bromofluorobenzene	12.483	95	87875	34.715	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.440%
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	156	Below Cal		88
11) Tert butyl alcohol	4.942	59	674	Below Cal	#	75
16) Acetone	3.954	43	1952	4.469	ug/l	89
29) Tetrahydrofuran	7.356	42	1261	4.813	ug/l	91
31) Cyclohexane	7.795	56	2545	1.213	ug/l	# 49
36) 1,1-Dichloropropene	7.789	75	9432	3.997	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	14141	4.464	ug/l	# 16
41) Methacrylonitrile	7.350	41	757	1.298	ug/l	# 100
76) 1,2,3-Trichloropropane	12.483	75	46922	42.345	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	46922	95.491	ug/l	# 12

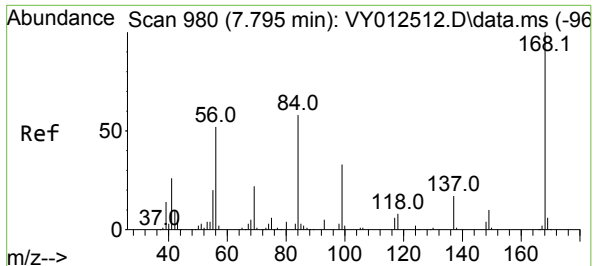
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020923\
Data File : VY012563.D
Acq On : 09 Feb 2023 13:58
Operator : KP/MD
Sample : 01504-06
Misc : 10.57g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1

Quant Time: Feb 10 05:58:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 01:09:03 2023
Response via : Initial Calibration

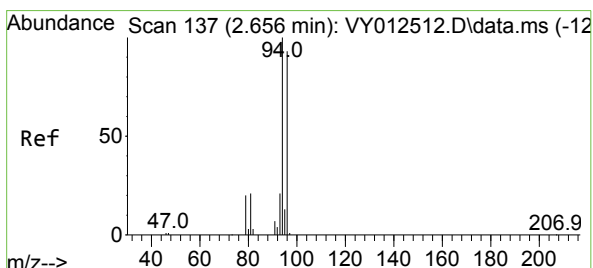
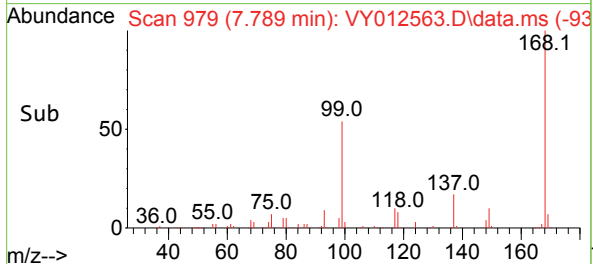
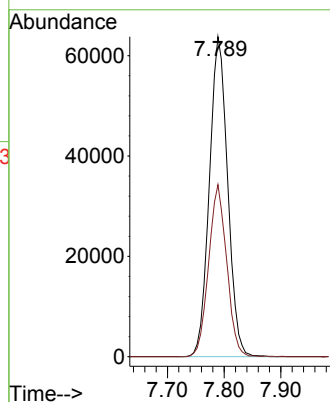
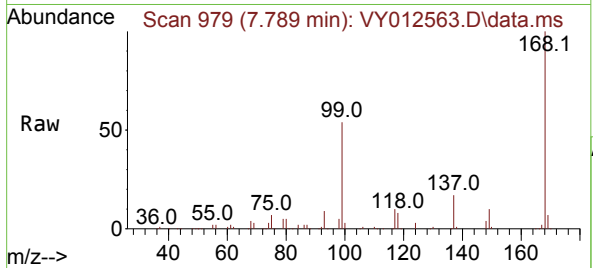




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012563.D
Acq: 09 Feb 2023 13:58

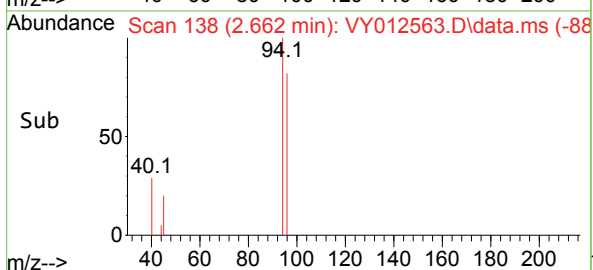
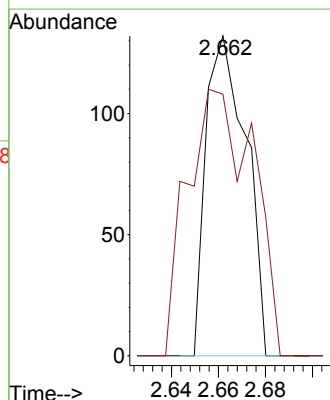
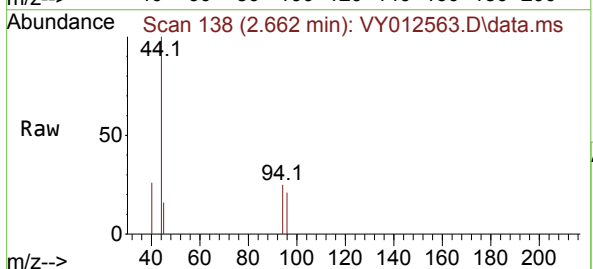
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1

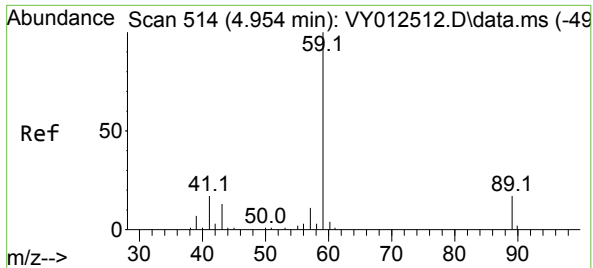
Tgt Ion:168 Resp: 142713
Ion Ratio Lower Upper
168 100
99 53.8 40.8 61.2



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY012563.D
Acq: 09 Feb 2023 13:58

Tgt Ion: 94 Resp: 156
Ion Ratio Lower Upper
94 100
96 81.8 74.7 112.1

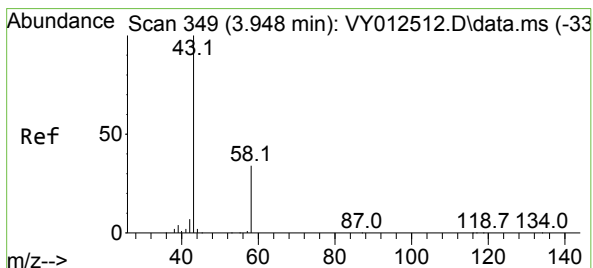
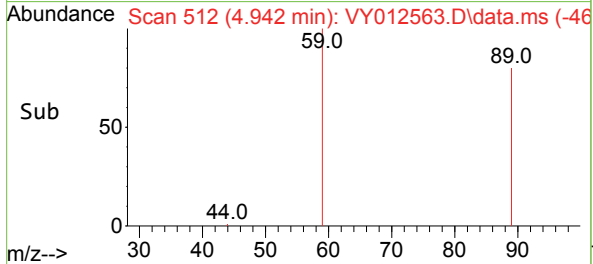
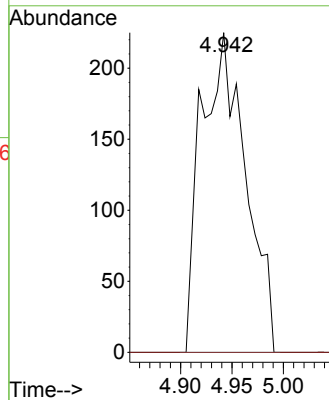
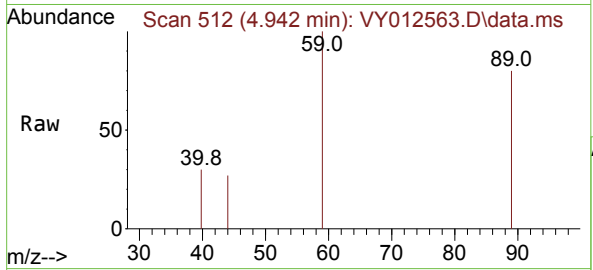




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY012563.D
Acq: 09 Feb 2023 13:58

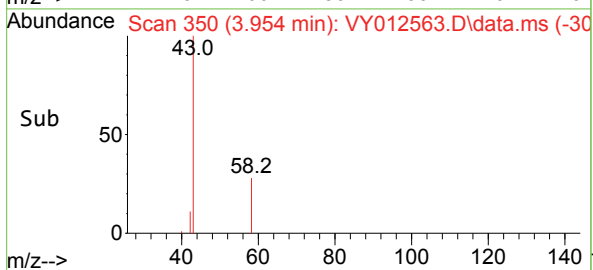
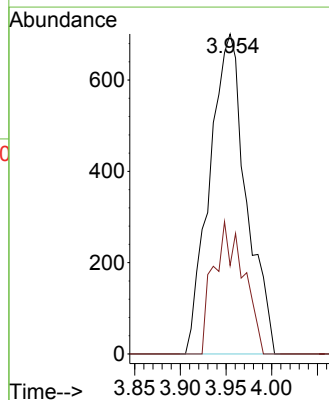
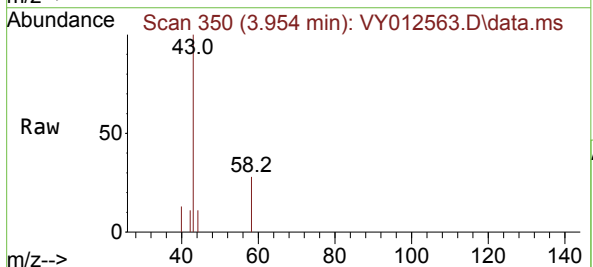
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1

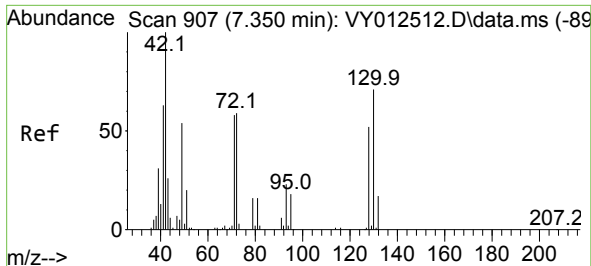
Tgt Ion: 59 Resp: 674
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#16
Acetone
Concen: 4.469 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY012563.D
Acq: 09 Feb 2023 13:58

Tgt Ion: 43 Resp: 1952
Ion Ratio Lower Upper
43 100
58 27.7 27.1 40.7





#29

Tetrahydrofuran

Concen: 4.813 ug/l

RT: 7.356 min Scan# 90

Delta R.T. 0.006 min

Lab File: VY012563.D

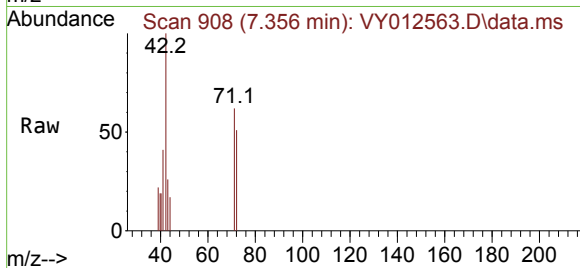
Acq: 09 Feb 2023 13:58

Instrument :

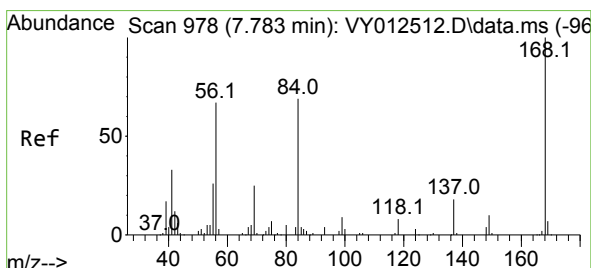
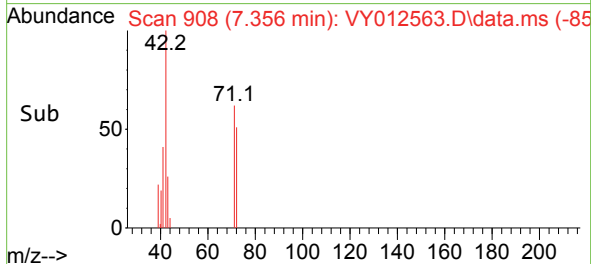
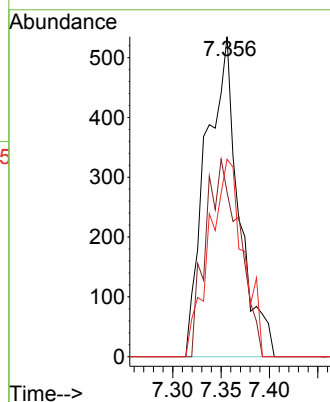
MSVOA_Y

ClientSampleId :

TOTAL-VOC-1



Tgt Ion:	42	Resp:	1261
Ion	Ratio	Lower	Upper
42	100		
72	63.8	47.0	70.6
71	63.8	44.6	66.8



#31

Cyclohexane

Concen: 1.213 ug/l

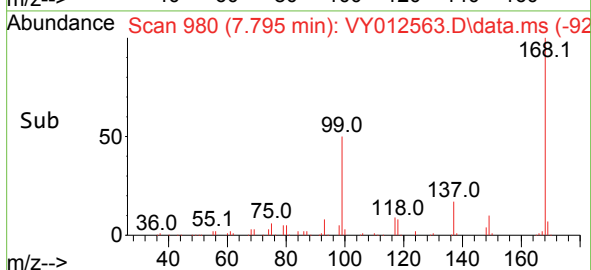
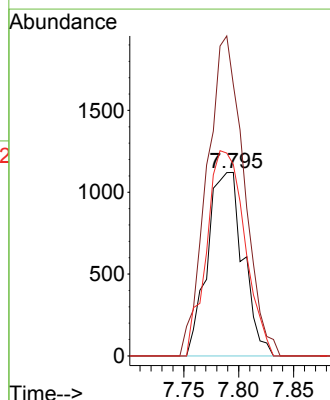
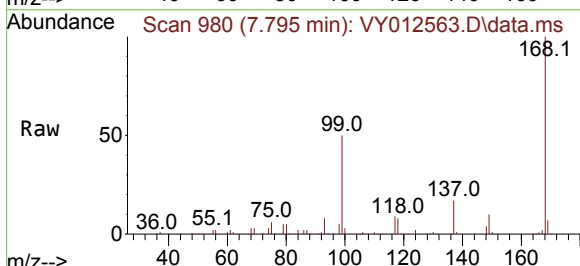
RT: 7.795 min Scan# 980

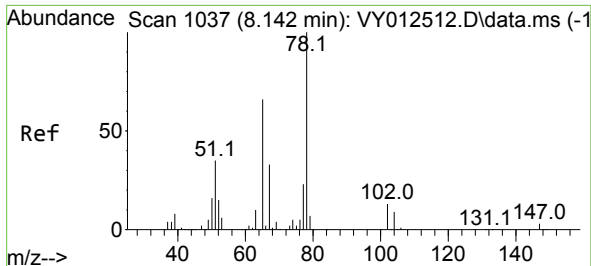
Delta R.T. 0.012 min

Lab File: VY012563.D

Acq: 09 Feb 2023 13:58

Tgt Ion:	56	Resp:	2545
Ion	Ratio	Lower	Upper
56	100		
69	147.9	29.5	44.3#
84	104.4	81.9	122.9





#33

1,2-Dichloroethane-d4

Concen: 46.492 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY012563.D

Acq: 09 Feb 2023 13:58

Instrument :

MSVOA_Y

ClientSampleId :

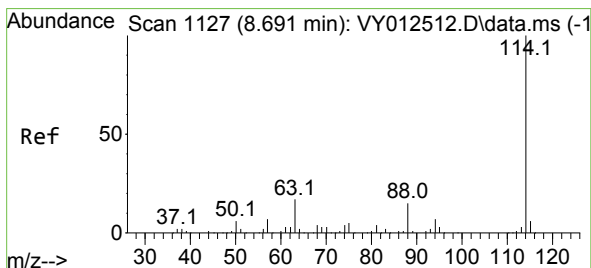
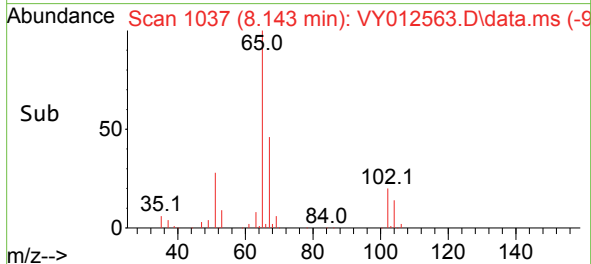
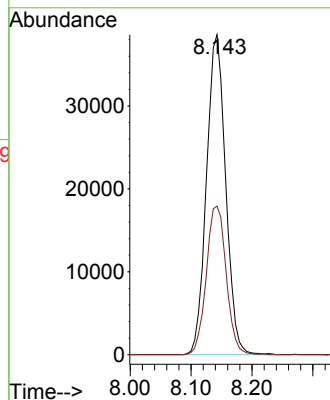
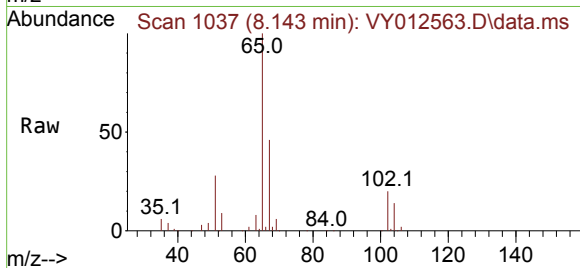
TOTAL-VOC-1

Tgt Ion: 65 Resp: 84372

Ion Ratio Lower Upper

65 100

67 48.2 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012563.D

Acq: 09 Feb 2023 13:58

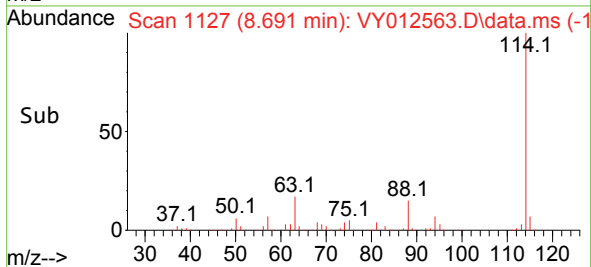
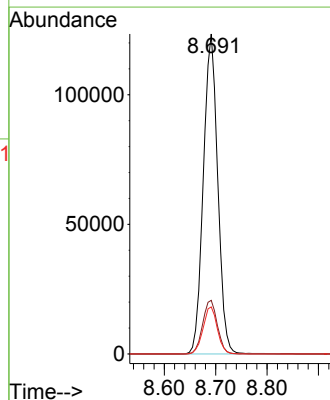
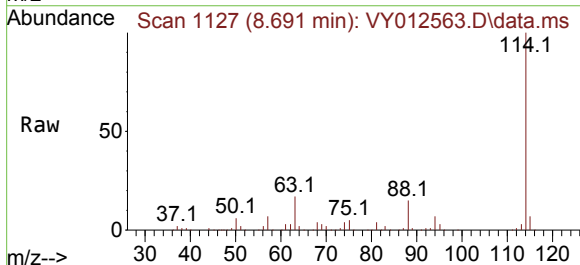
Tgt Ion:114 Resp: 239412

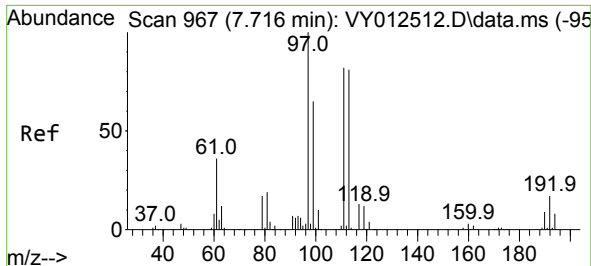
Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.6

88 14.7 0.0 29.8

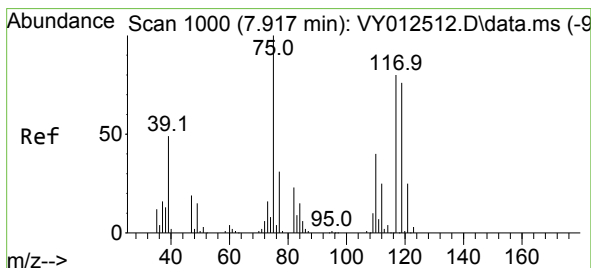
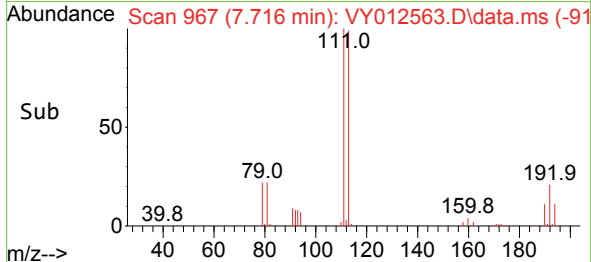
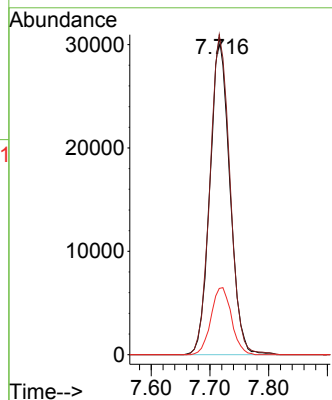
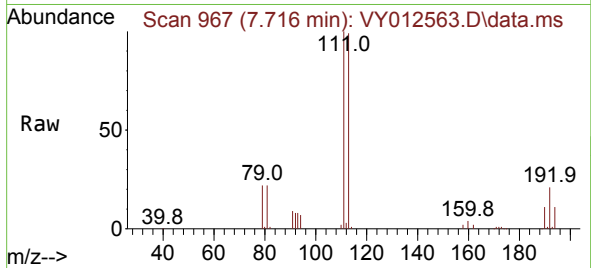




#35
Dibromofluoromethane
Concen: 41.140 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY012563.D
Acq: 09 Feb 2023 13:58

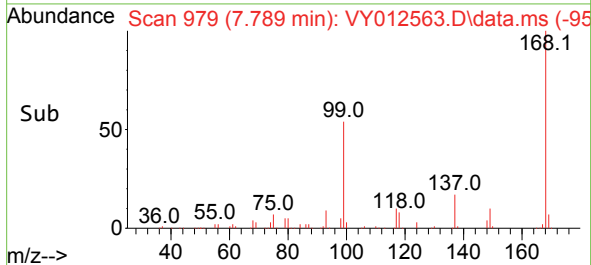
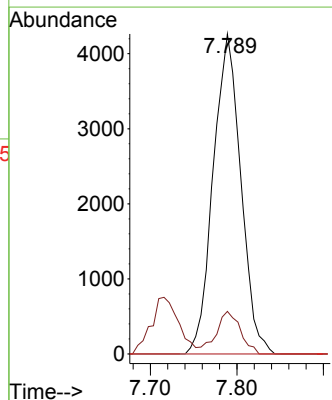
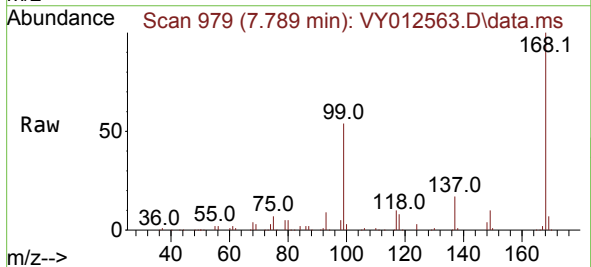
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1

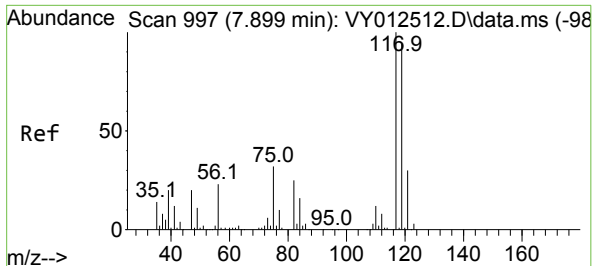
Tgt Ion:113 Resp: 71729
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 21.9 17.5 26.3



#36
1,1-Dichloropropene
Concen: 3.997 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012563.D
Acq: 09 Feb 2023 13:58

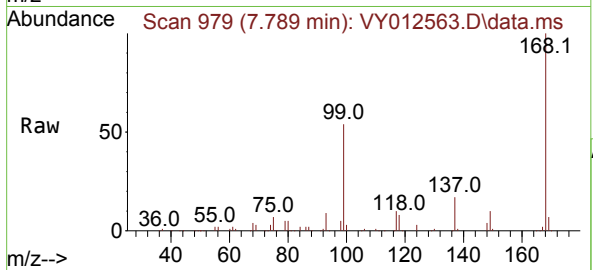
Tgt Ion: 75 Resp: 9432
Ion Ratio Lower Upper
75 100
110 11.5 19.5 58.5#
77 0.0 24.9 37.3#



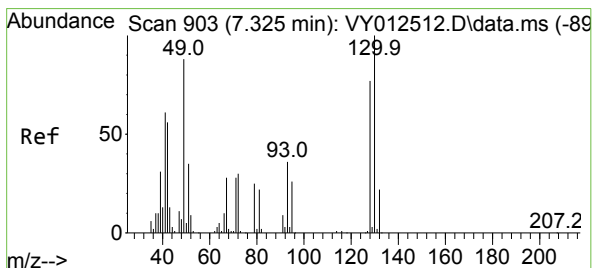
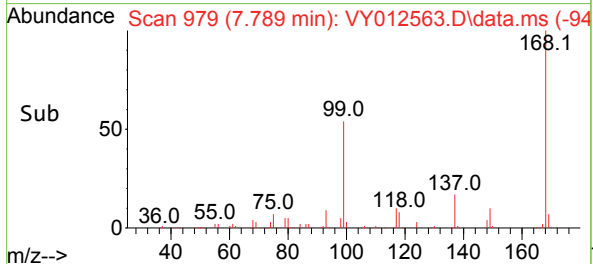
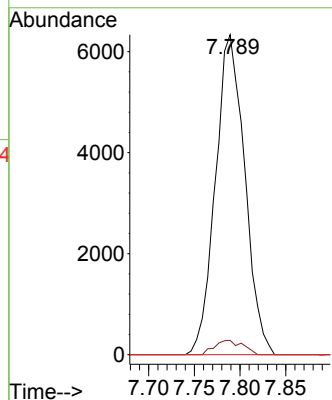


#38
Carbon Tetrachloride
Concen: 4.464 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012563.D
Acq: 09 Feb 2023 13:58

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1

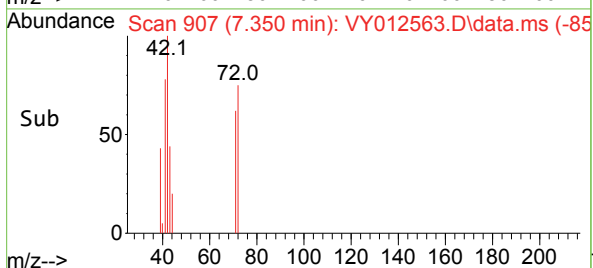
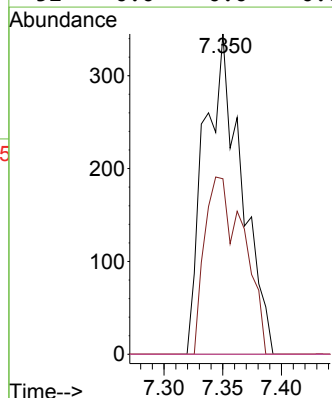
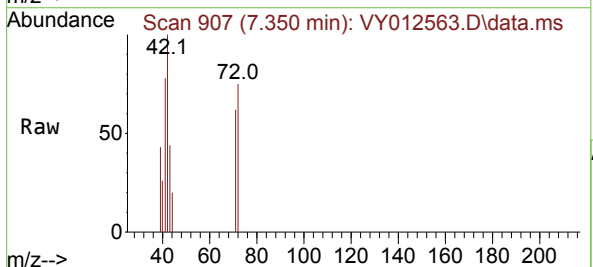


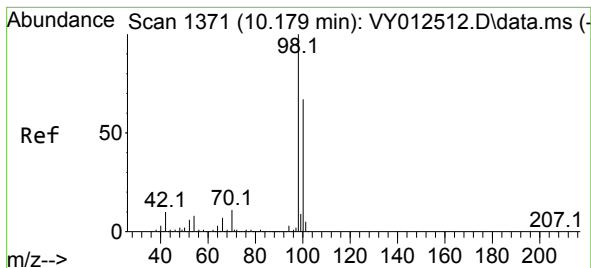
Tgt Ion:117 Resp: 14141
Ion Ratio Lower Upper
117 100
119 4.5 75.1 112.7#
121 0.0 24.3 36.5#



#41
Methacrylonitrile
Concen: 1.298 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.025 min
Lab File: VY012563.D
Acq: 09 Feb 2023 13:58

Tgt Ion: 41 Resp: 757
Ion Ratio Lower Upper
41 100
39 58.0 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0





#50

Toluene-d8

Concen: 38.567 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012563.D

Acq: 09 Feb 2023 13:58

Instrument :

MSVOA_Y

ClientSampleId :

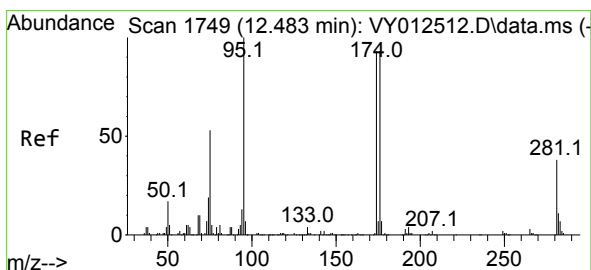
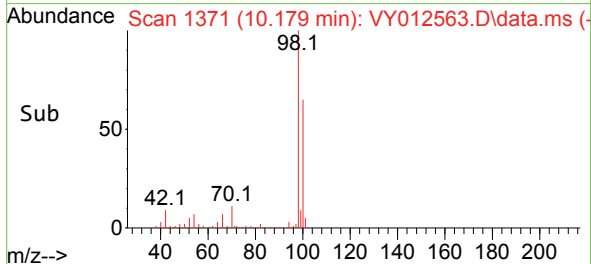
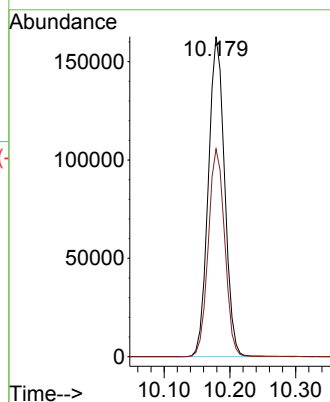
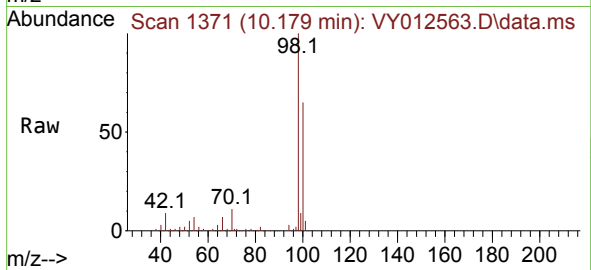
TOTAL-VOC-1

Tgt Ion: 98 Resp: 279885

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 34.715 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012563.D

Acq: 09 Feb 2023 13:58

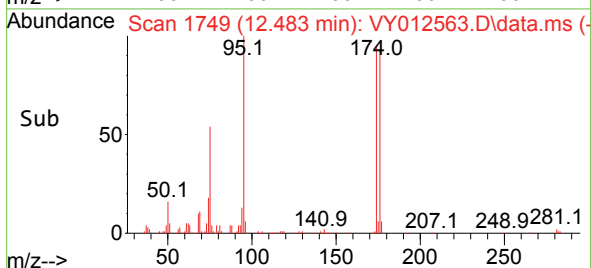
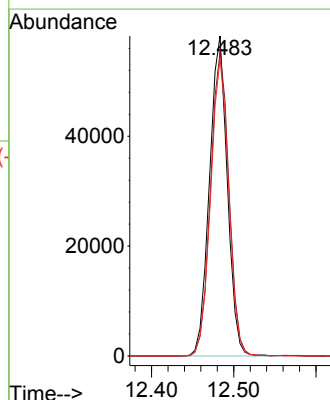
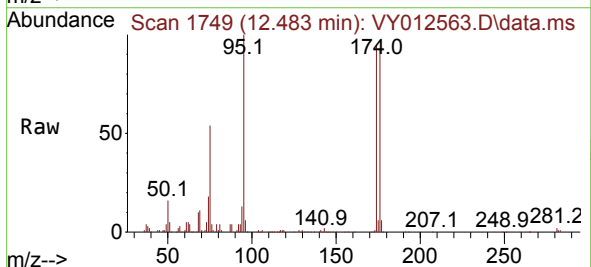
Tgt Ion: 95 Resp: 87875

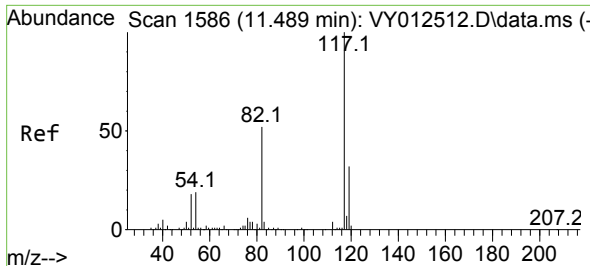
Ion Ratio Lower Upper

95 100

174 98.1 0.0 188.0

176 94.2 0.0 183.6

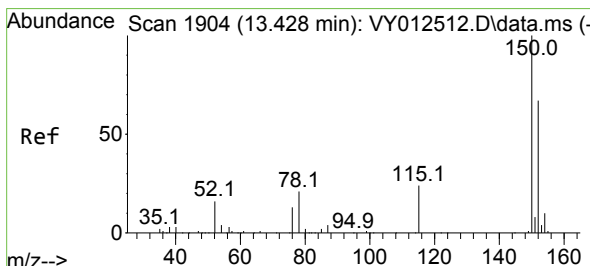
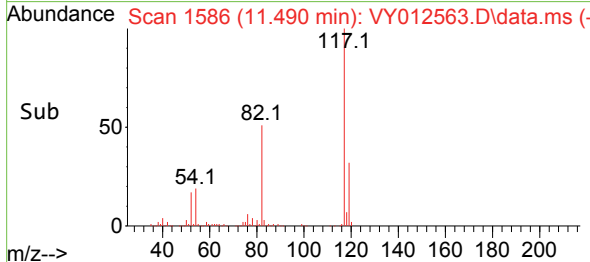
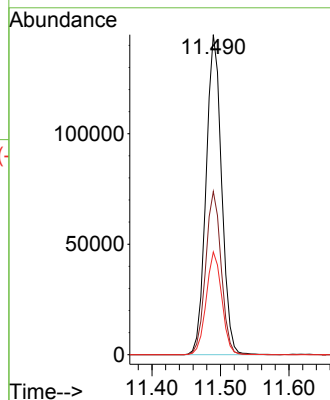
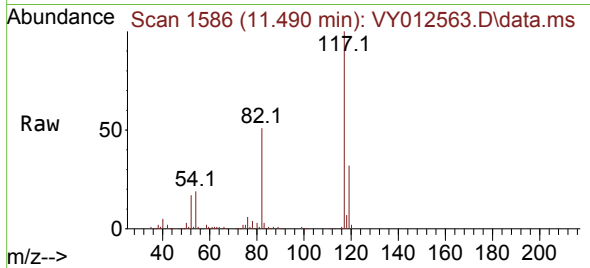




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012563.D
Acq: 09 Feb 2023 13:58

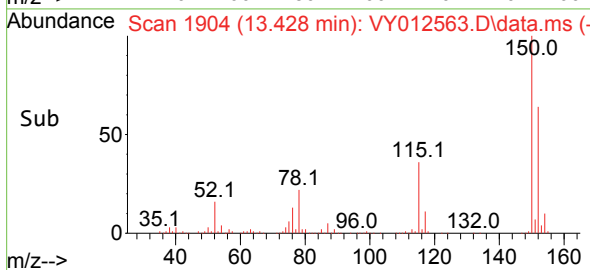
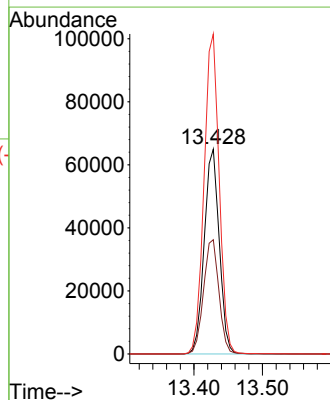
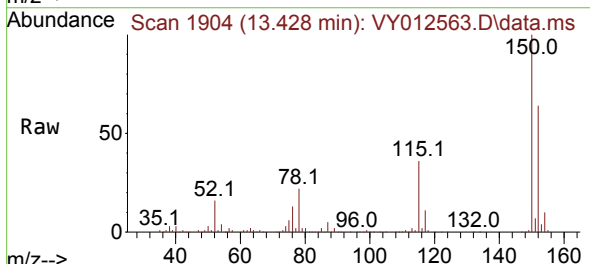
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1

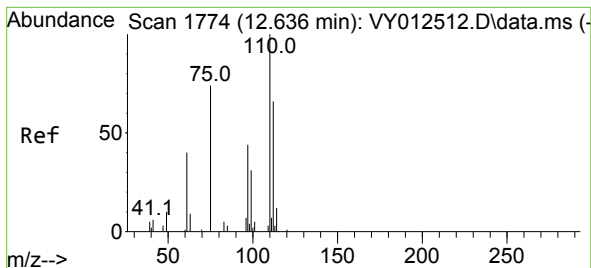
Tgt Ion:117 Resp: 228720
Ion Ratio Lower Upper
117 100
82 51.0 41.7 62.5
119 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012563.D
Acq: 09 Feb 2023 13:58

Tgt Ion:152 Resp: 99180
Ion Ratio Lower Upper
152 100
115 57.2 28.1 84.3
150 157.7 0.0 351.0





#76

1,2,3-Trichloropropane

Concen: 42.345 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY012563.D

Acq: 09 Feb 2023 13:58

Instrument :

MSVOA_Y

ClientSampleId :

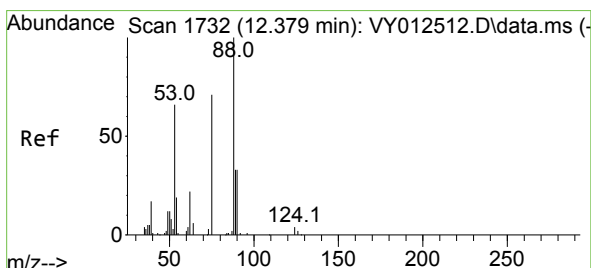
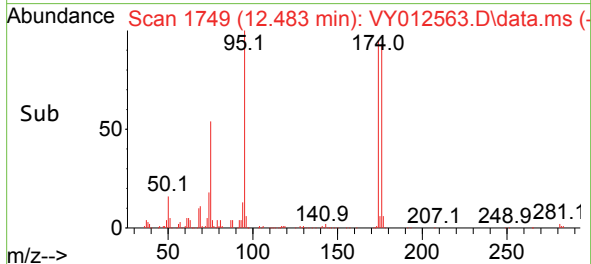
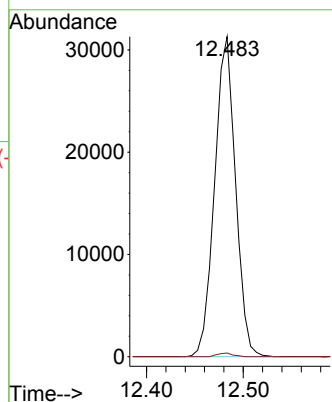
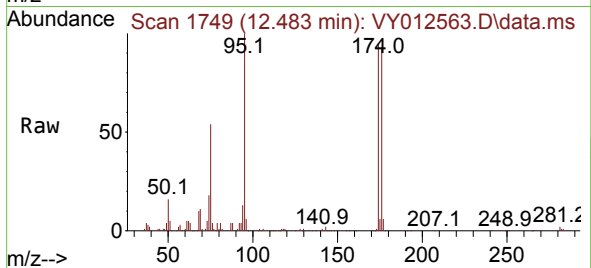
TOTAL-VOC-1

Tgt Ion: 75 Resp: 46922

Ion Ratio Lower Upper

75 100

77 0.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 95.491 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY012563.D

Acq: 09 Feb 2023 13:58

Tgt Ion: 75 Resp: 46922

Ion Ratio Lower Upper

75 100

53 0.0 73.1 109.7#

89 0.0 39.9 59.9#

