

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
 Data File : VY017265.D
 Acq On : 06 Feb 2024 15:25
 Operator : SY/MD
 Sample : P1362-07RE
 Misc : 5.43g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-VOC

Quant Time: Feb 07 00:09:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

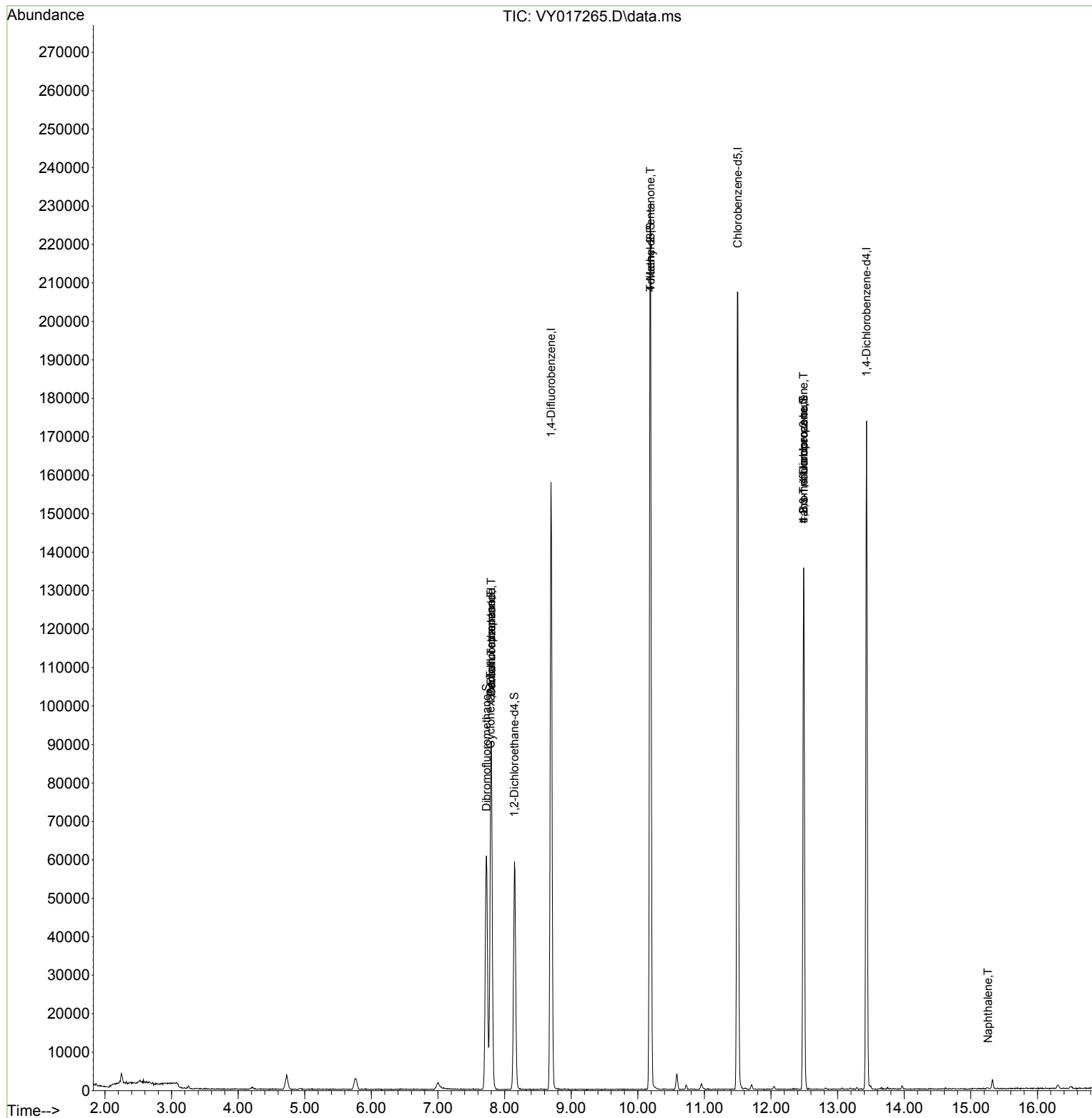
Internal Standards						
1) Pentafluorobenzene	7.801	168	70190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	133191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	117434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	41437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	43859	69.947	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.900%	
35) Dibromofluoromethane	7.728	113	44726	62.193	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.380%	
50) Toluene-d8	10.191	98	155191	59.270	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 118.540%	
62) 4-Bromofluorobenzene	12.489	95	42993	50.124	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	19	Below Cal	#	75
20) Methylene Chloride	4.728	84	2527	Below Cal		93
31) Cyclohexane	7.789	56	1720	1.361	ug/l #	21
36) 1,1-Dichloropropene	7.795	75	6230	5.022	ug/l #	49
38) Carbon Tetrachloride	7.801	117	7207	6.068	ug/l #	17
51) 4-Methyl-2-Pentanone	10.191	43	640	1.172	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	23013	60.171	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	23013	125.028	ug/l #	12
95) Naphthalene	15.257	128	444	3.801	ug/l #	69

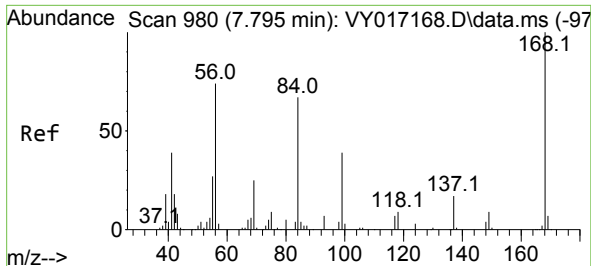
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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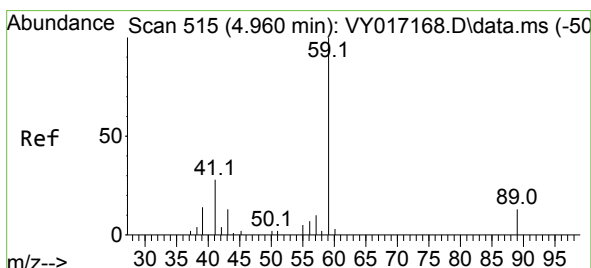
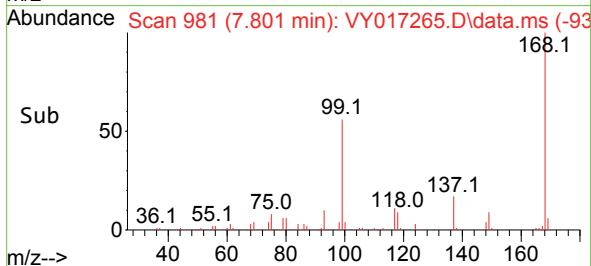
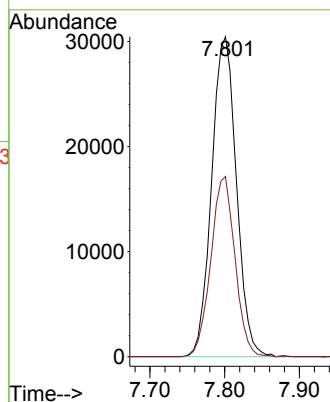
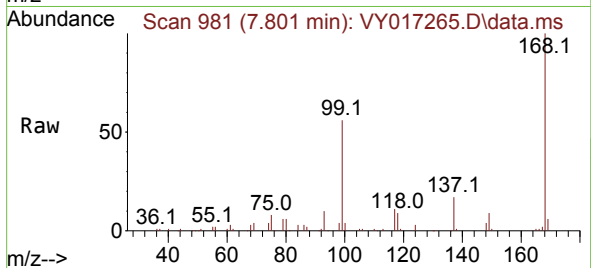




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017265.D
Acq: 06 Feb 2024 15:25

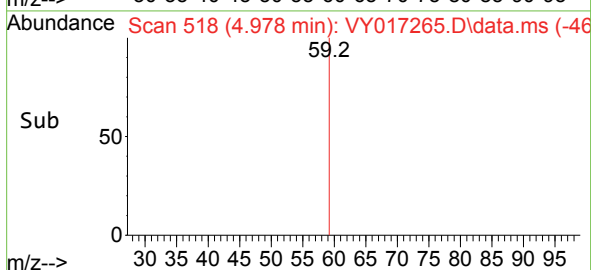
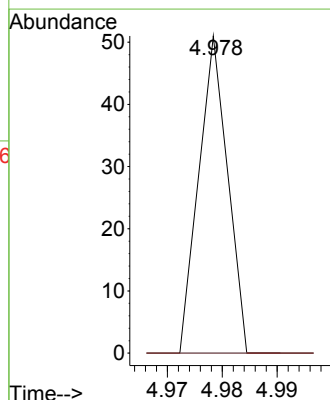
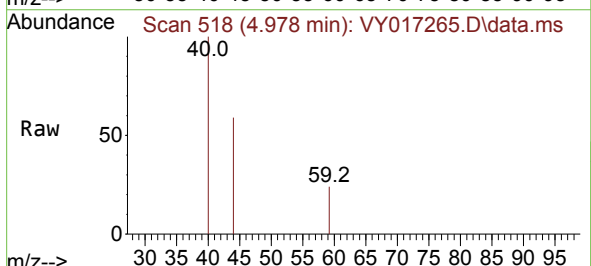
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

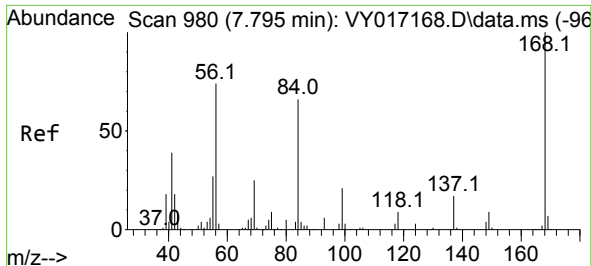
Tgt Ion:168 Resp: 70190
Ion Ratio Lower Upper
168 100
99 56.3 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.978 min Scan# 518
Delta R.T. 0.018 min
Lab File: VY017265.D
Acq: 06 Feb 2024 15:25

Tgt Ion: 59 Resp: 19
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

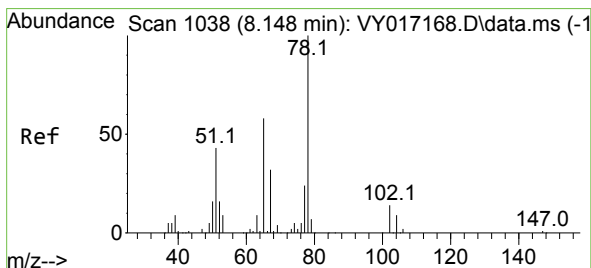
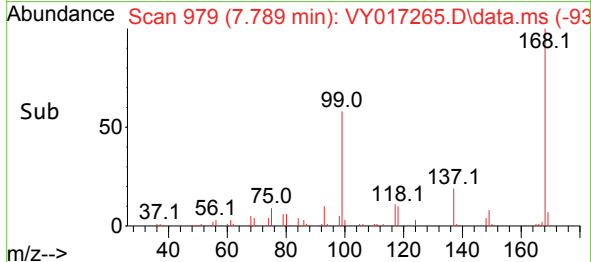
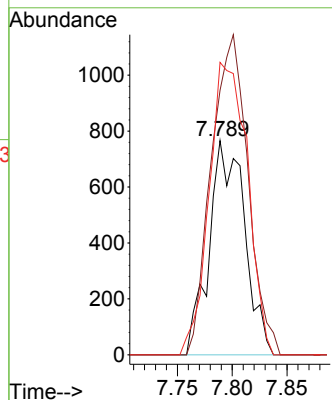
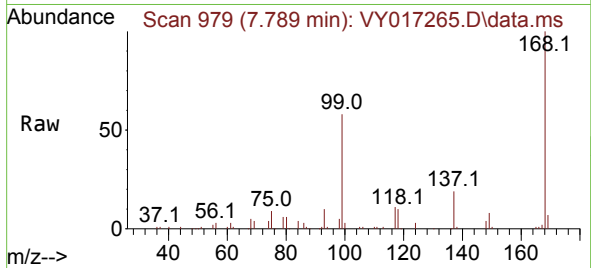




#31
Cyclohexane
Concen: 1.361 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017265.D
Acq: 06 Feb 2024 15:25

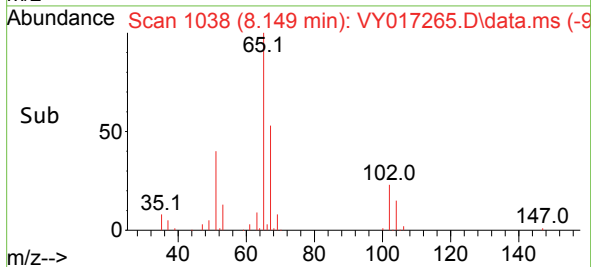
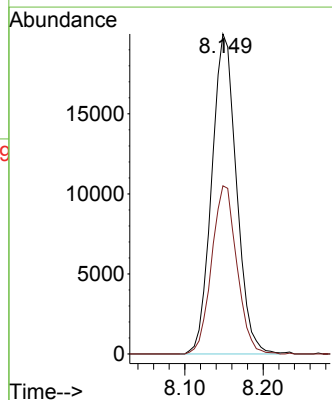
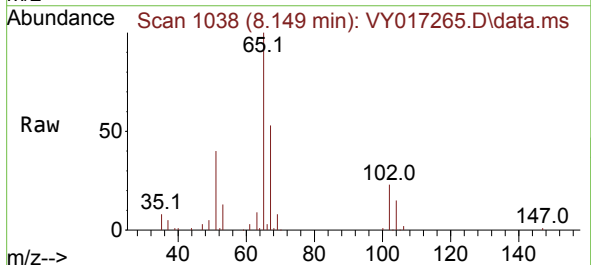
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

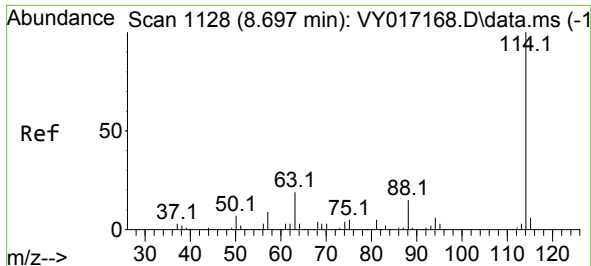
Tgt Ion: 56 Resp: 1720
Ion Ratio Lower Upper
56 100
69 123.5 27.0 40.6#
84 136.6 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 69.947 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017265.D
Acq: 06 Feb 2024 15:25

Tgt Ion: 65 Resp: 43859
Ion Ratio Lower Upper
65 100
67 53.5 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017265.D

Acq: 06 Feb 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

WC-2-VOC

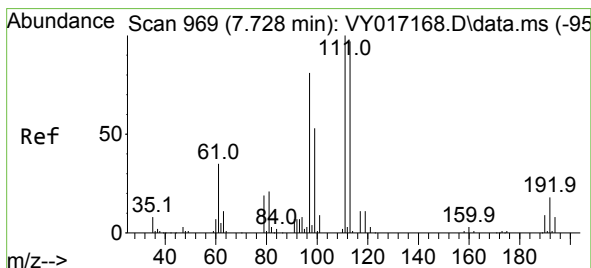
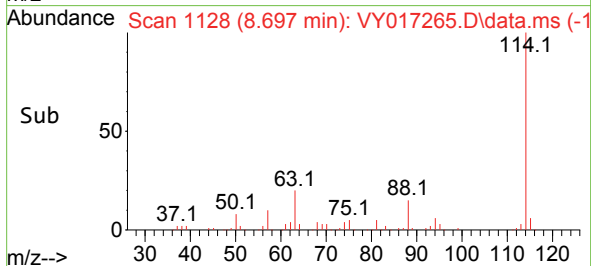
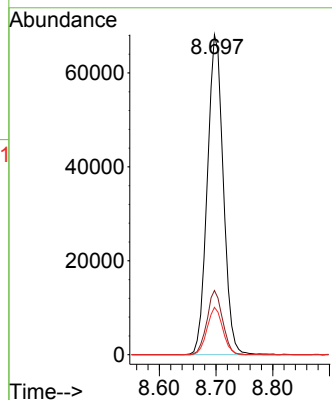
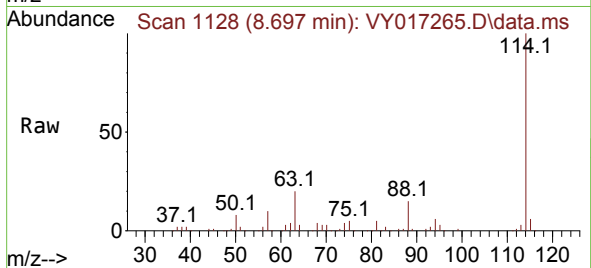
Tgt Ion:114 Resp: 133191

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 14.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 62.193 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY017265.D

Acq: 06 Feb 2024 15:25

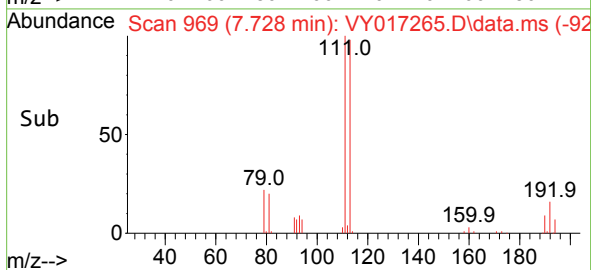
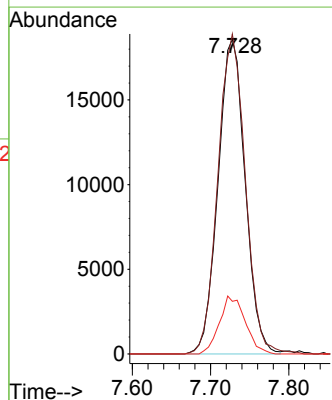
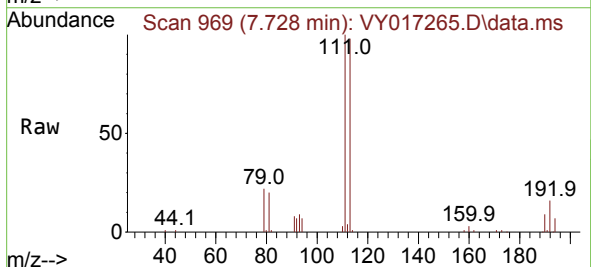
Tgt Ion:113 Resp: 44726

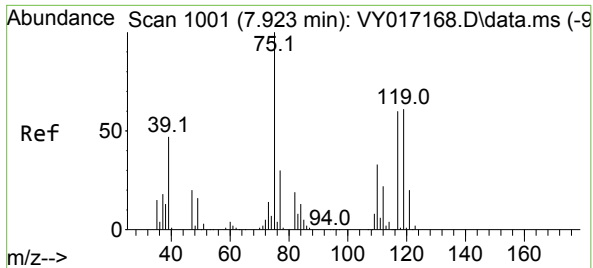
Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 17.5 14.5 21.7

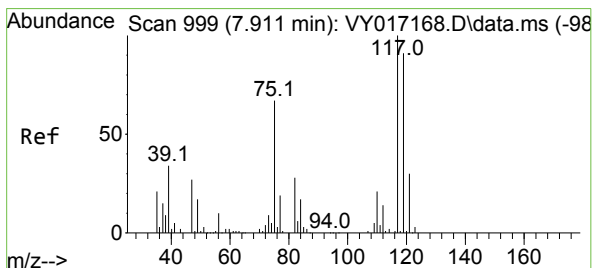
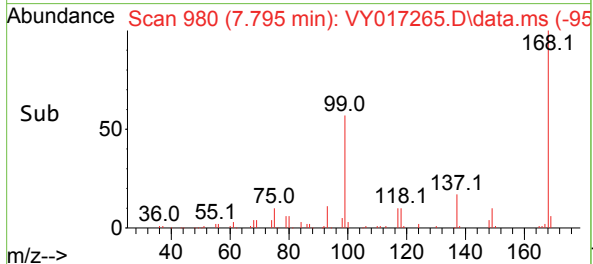
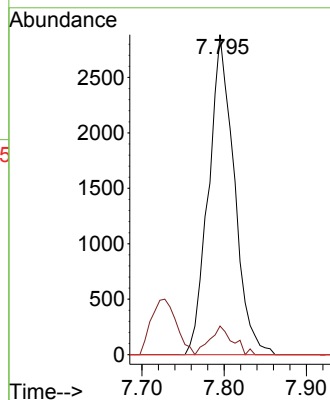
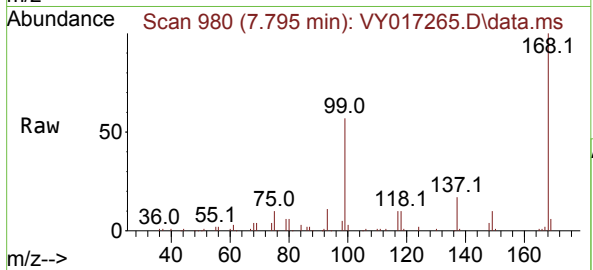




#36
 1,1-Dichloropropene
 Concen: 5.022 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY017265.D
 Acq: 06 Feb 2024 15:25

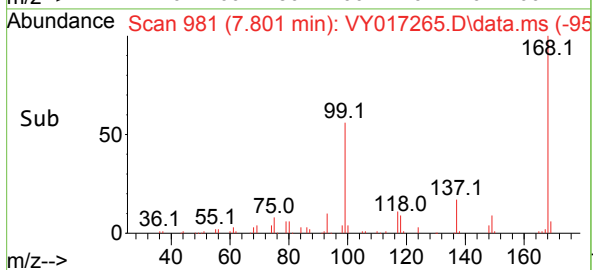
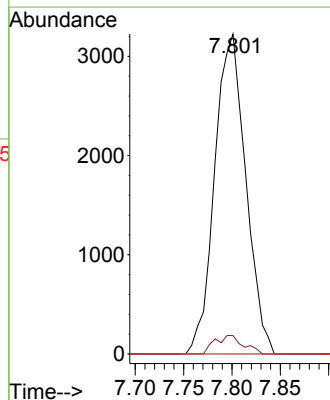
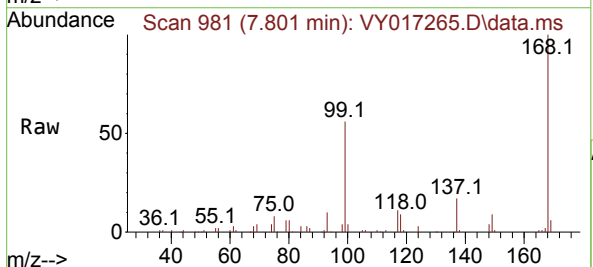
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-VOC

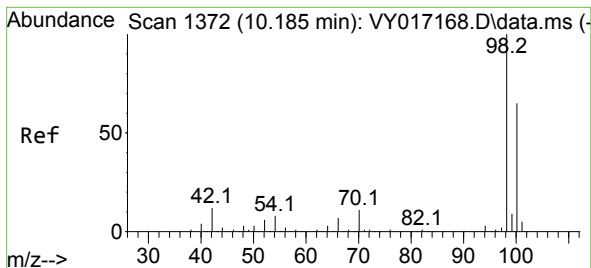
Tgt Ion: 75 Resp: 6230
 Ion Ratio Lower Upper
 75 100
 110 7.9 17.4 52.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.068 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.109 min
 Lab File: VY017265.D
 Acq: 06 Feb 2024 15:25

Tgt Ion: 117 Resp: 7207
 Ion Ratio Lower Upper
 117 100
 119 5.7 76.0 114.0#
 121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 59.270 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017265.D

Acq: 06 Feb 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

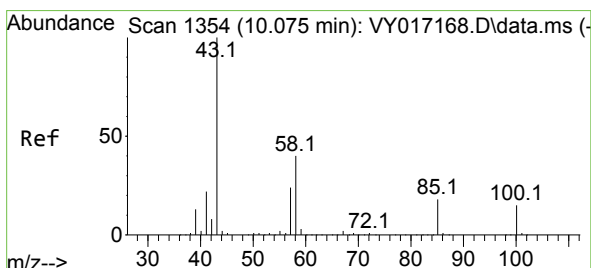
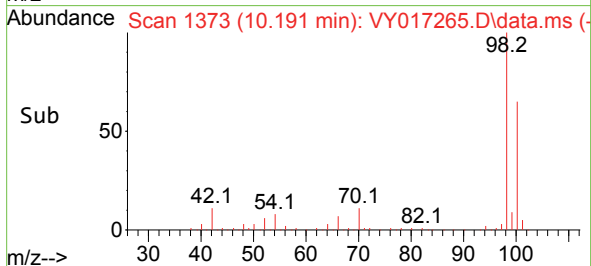
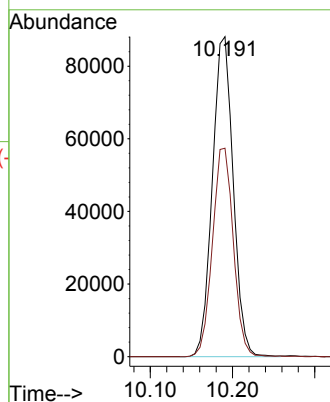
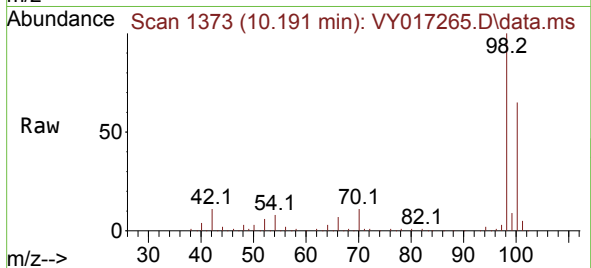
WC-2-VOC

Tgt Ion: 98 Resp: 155191

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 1.172 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.116 min

Lab File: VY017265.D

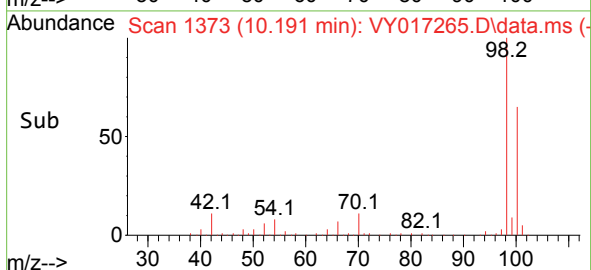
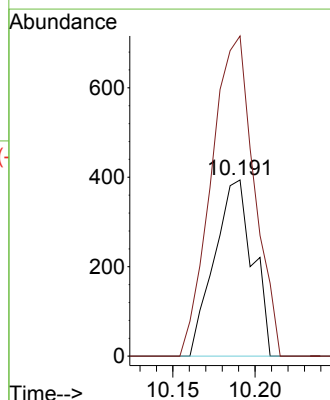
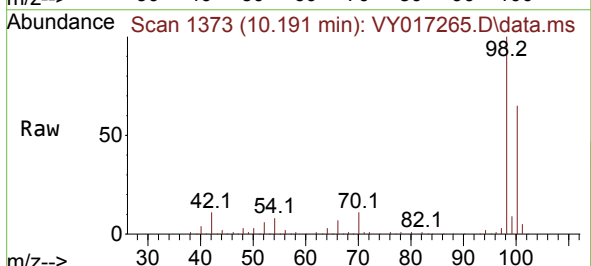
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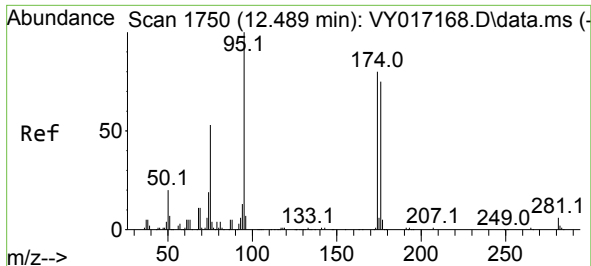
Tgt Ion: 43 Resp: 640

Ion Ratio Lower Upper

43 100

58 202.8 32.2 48.2#

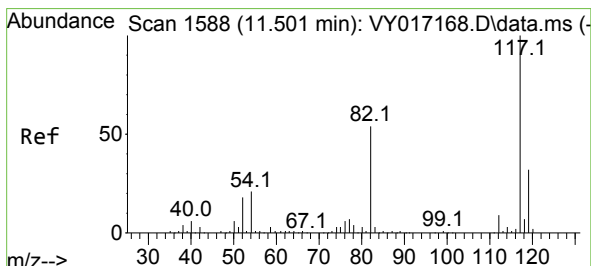
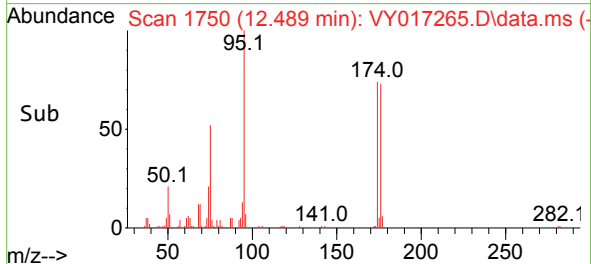
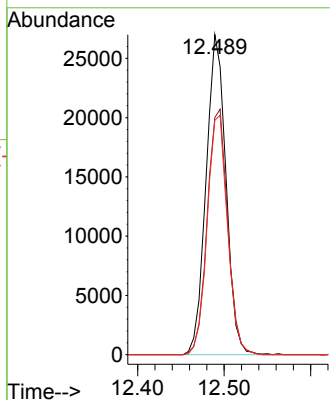
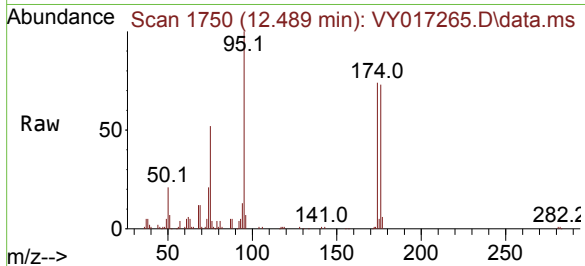




#62
4-Bromofluorobenzene
Concen: 50.124 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017265.D
Acq: 06 Feb 2024 15:25

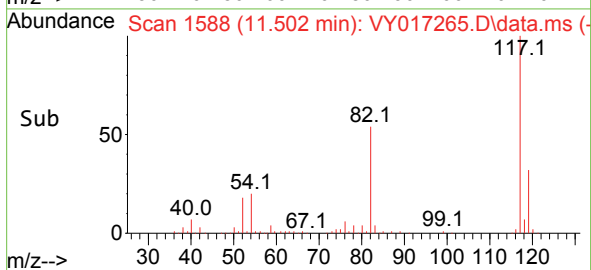
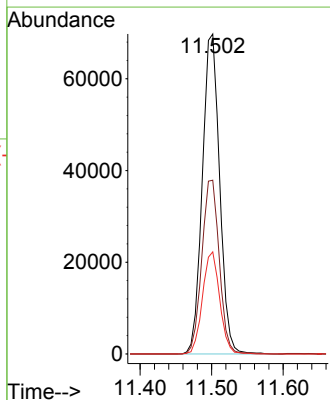
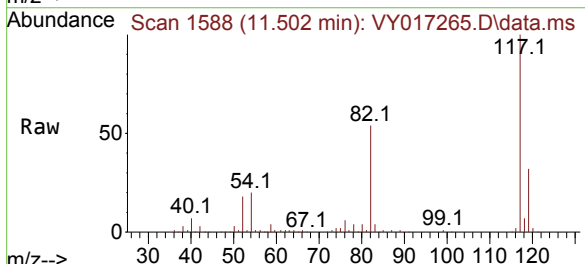
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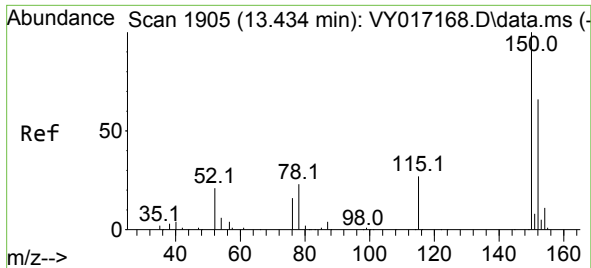
Tgt Ion:	95	Resp:	42993
Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	160.0
176	76.2	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY017265.D
Acq: 06 Feb 2024 15:25

Tgt Ion:	117	Resp:	117434
Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.8	65.8
119	31.9	26.5	39.7

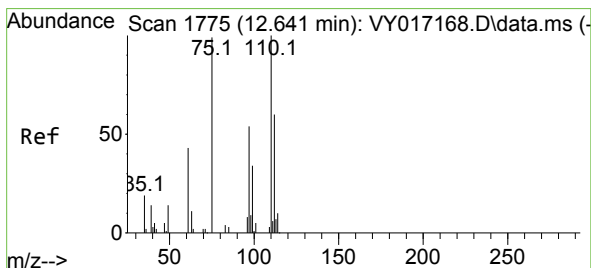
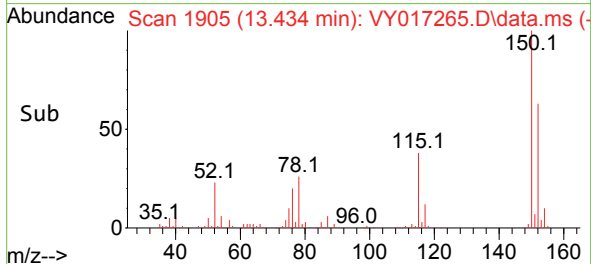
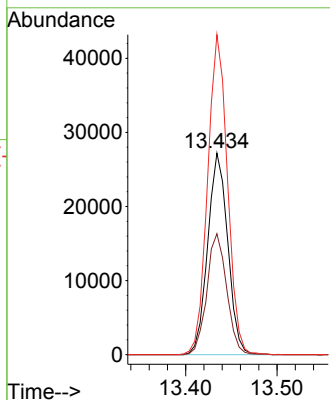
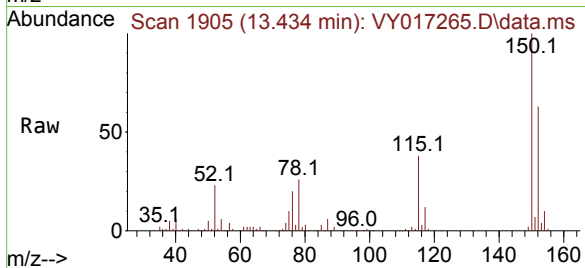




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY017265.D
 Acq: 06 Feb 2024 15:25

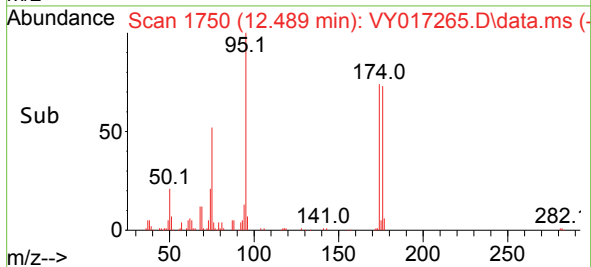
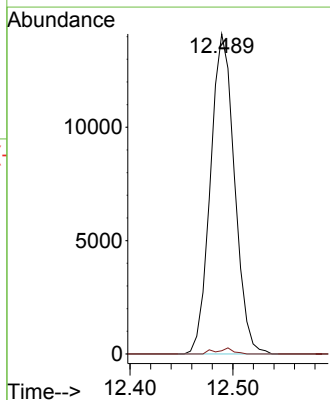
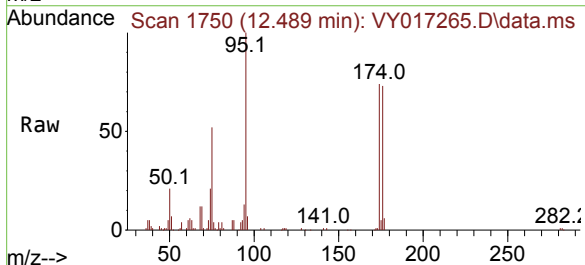
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-VOC

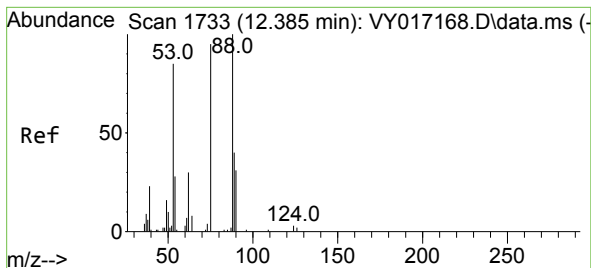
Tgt Ion:152 Resp: 41437
 Ion Ratio Lower Upper
 152 100
 115 59.4 30.0 90.0
 150 157.0 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 60.171 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.152 min
 Lab File: VY017265.D
 Acq: 06 Feb 2024 15:25

Tgt Ion: 75 Resp: 23013
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

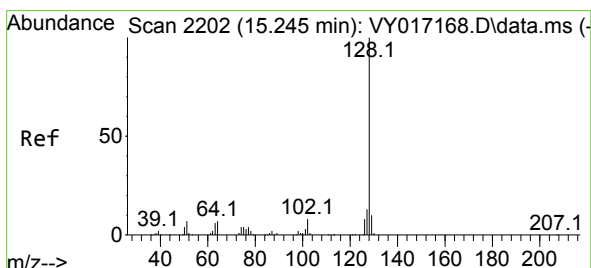
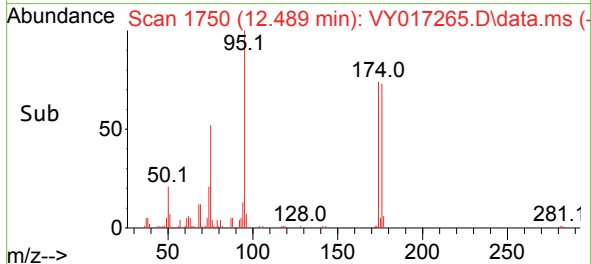
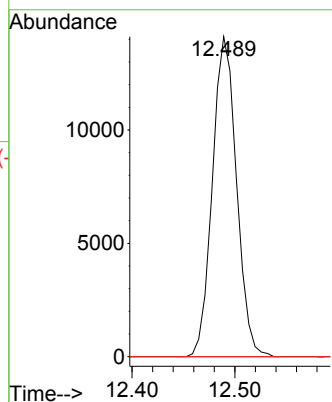
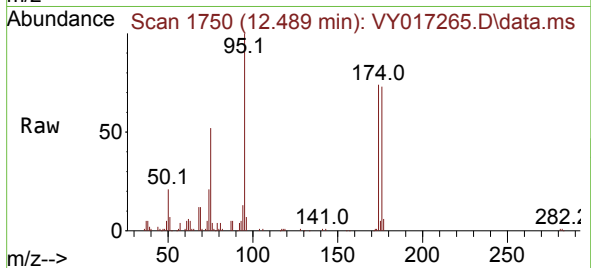




#81
trans-1,4-Dichloro-2-butene
Concen: 125.028 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017265.D
Acq: 06 Feb 2024 15:25

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

Tgt Ion: 75 Resp: 23013
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 3.801 ug/l
RT: 15.257 min Scan# 2204
Delta R.T. 0.012 min
Lab File: VY017265.D
Acq: 06 Feb 2024 15:25

Tgt Ion: 128 Resp: 444
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

