

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017203.D
 Acq On : 03 Feb 2024 00:10
 Operator : SY/MD
 Sample : P1307-18
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 36 Sample Multiplier: 1

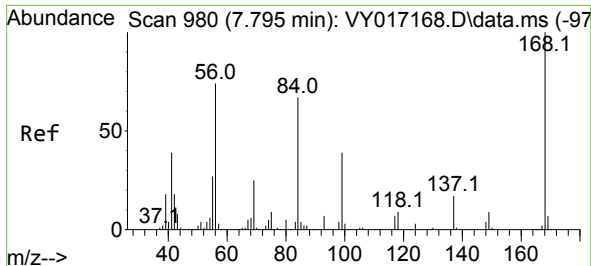
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-614-VOC-03

Quant Time: Feb 03 01:43:44 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	7.807	168	81048	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	175494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	175853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	66870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	39990	55.232	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.460%	
35) Dibromofluoromethane	7.734	113	42337	44.680	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.360%	
50) Toluene-d8	10.197	98	155389	45.041	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 90.080%	
62) 4-Bromofluorobenzene	12.495	95	49961	44.207	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.420%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	384	Below Cal	#	75
20) Methylene Chloride	4.735	84	7946	6.037	ug/l	94
31) Cyclohexane	7.807	56	1735	1.189	ug/l #	1
36) 1,1-Dichloropropene	7.807	75	7129	4.362	ug/l #	48
38) Carbon Tetrachloride	7.807	117	8200	5.240	ug/l #	18
76) 1,2,3-Trichloropropane	12.495	75	25807	41.813	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	25807	86.882	ug/l #	12
95) Naphthalene	15.251	128	223	3.540	ug/l #	69

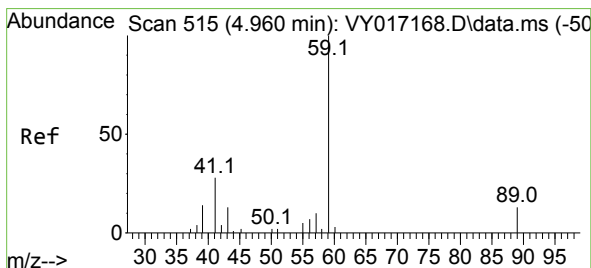
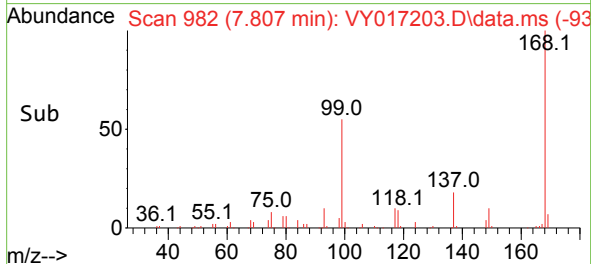
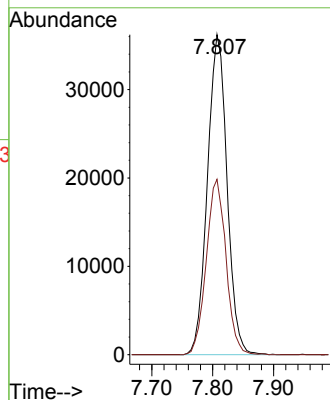
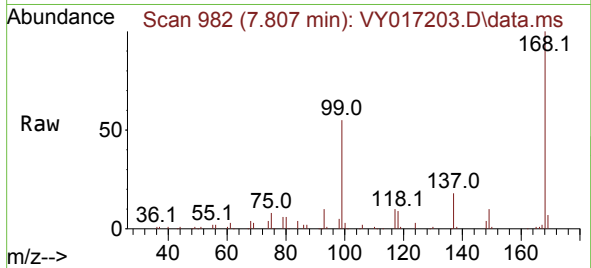
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017203.D
Acq: 03 Feb 2024 00:10

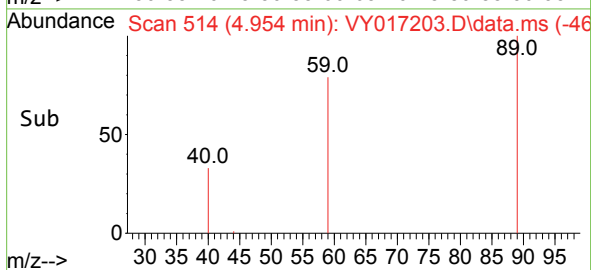
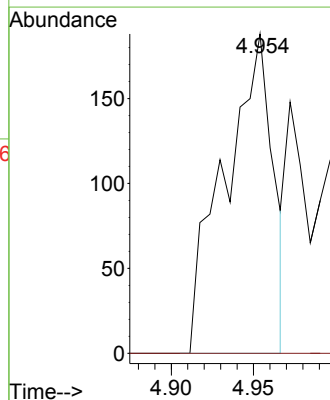
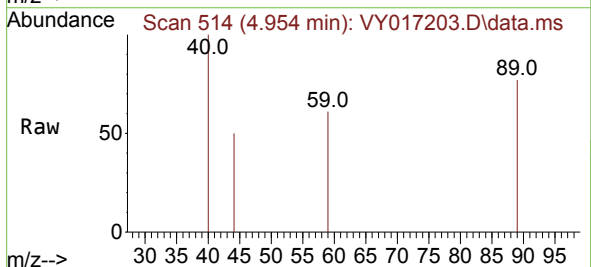
Instrument :
MSVOA_Y
ClientSampleId :
TR-614-VOC-03

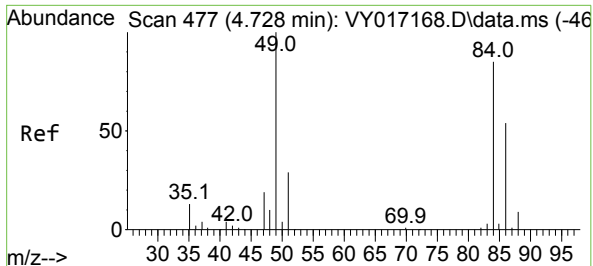
Tgt Ion:168 Resp: 81048
Ion Ratio Lower Upper
168 100
99 54.8 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY017203.D
Acq: 03 Feb 2024 00:10

Tgt Ion: 59 Resp: 384
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#20

Methylene Chloride

Concen: 6.037 ug/l

RT: 4.735 min Scan# 41

Delta R.T. 0.007 min

Lab File: VY017203.D

Acq: 03 Feb 2024 00:10

Instrument :

MSVOA_Y

ClientSampleId :

TR-614-VOC-03

Tgt Ion: 84 Resp: 7946

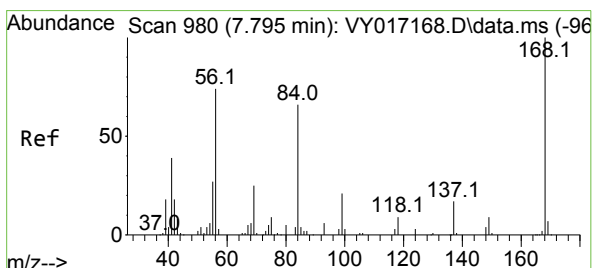
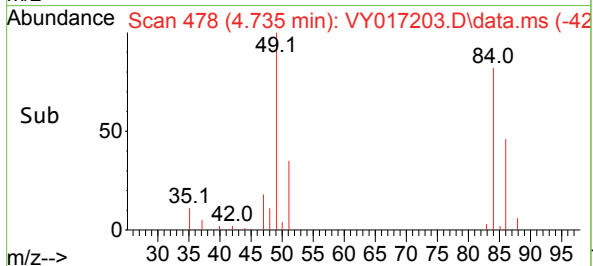
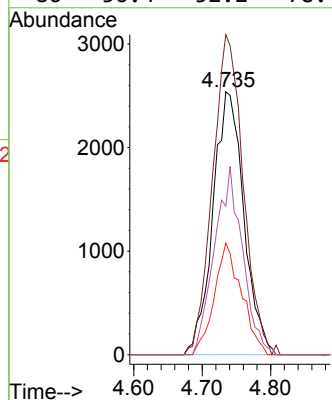
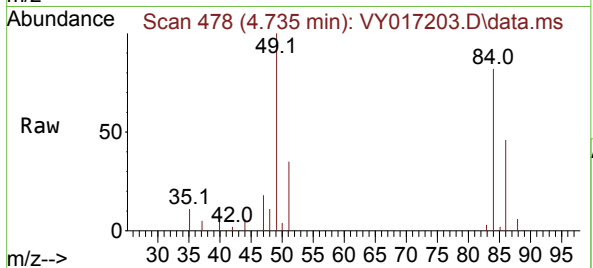
Ion Ratio Lower Upper

84 100

49 121.7 95.2 142.8

51 42.4 29.9 44.9

86 56.4 52.2 78.4



#31

Cyclohexane

Concen: 1.189 ug/l

RT: 7.807 min Scan# 982

Delta R.T. 0.012 min

Lab File: VY017203.D

Acq: 03 Feb 2024 00:10

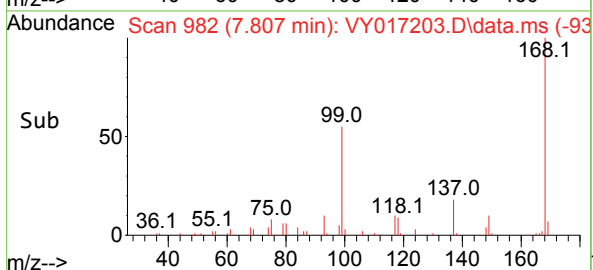
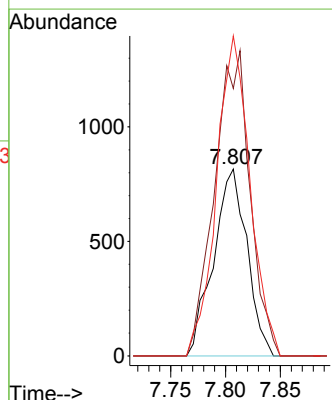
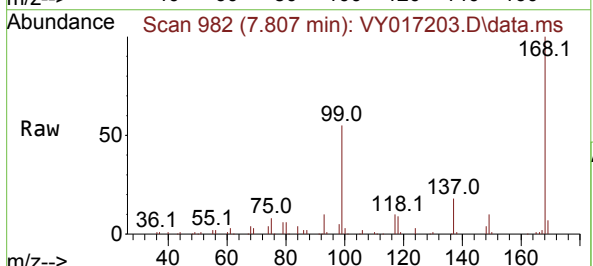
Tgt Ion: 56 Resp: 1735

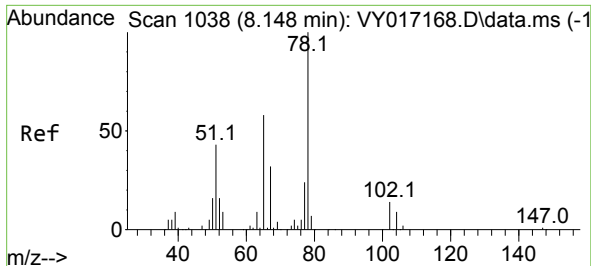
Ion Ratio Lower Upper

56 100

69 143.1 27.0 40.6#

84 171.2 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 55.232 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017203.D

Acq: 03 Feb 2024 00:10

Instrument :

MSVOA_Y

ClientSampleId :

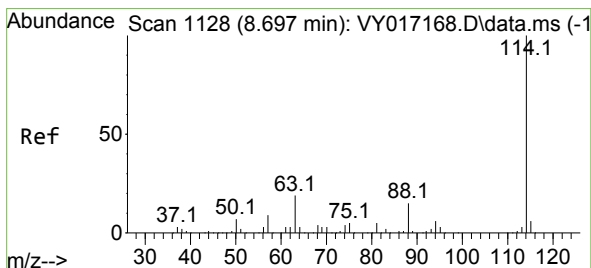
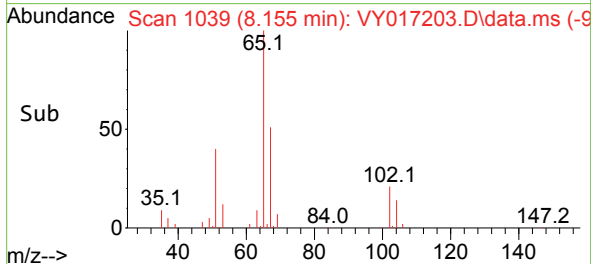
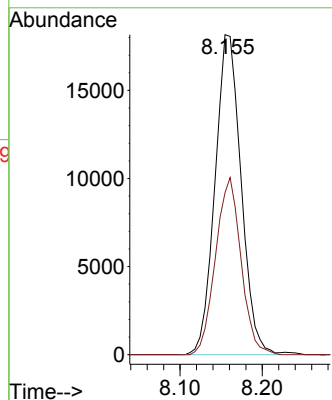
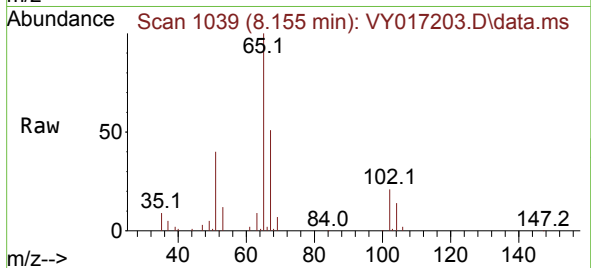
TR-614-VOC-03

Tgt Ion: 65 Resp: 39990

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY017203.D

Acq: 03 Feb 2024 00:10

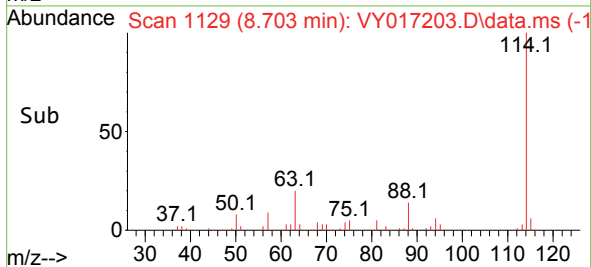
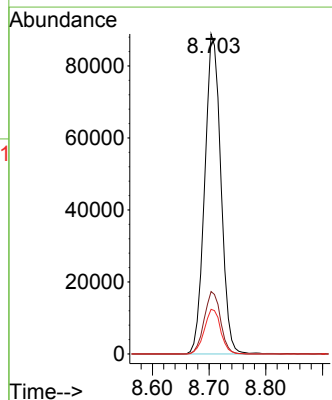
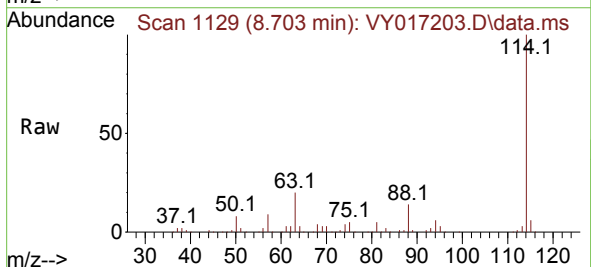
Tgt Ion: 114 Resp: 175494

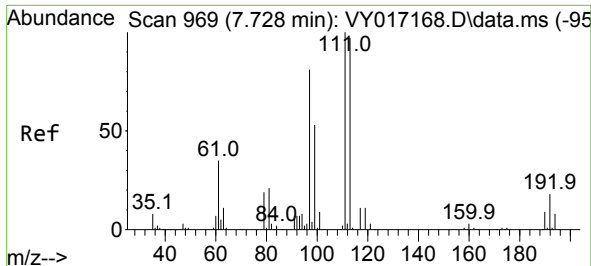
Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

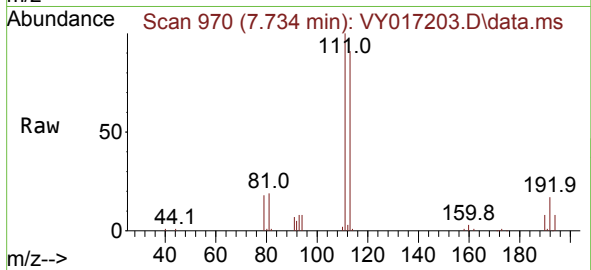
88 14.0 0.0 29.0



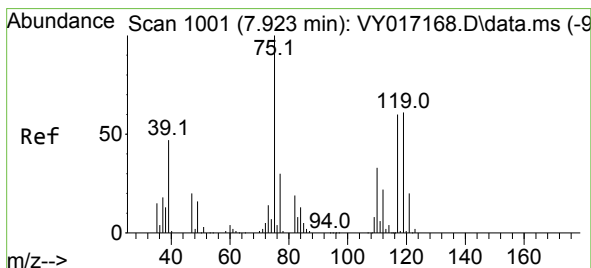
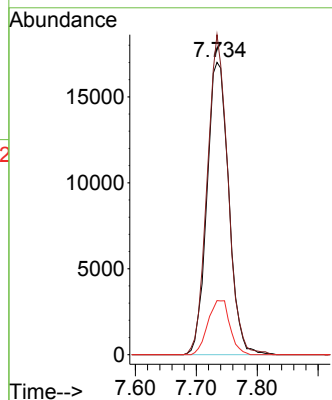
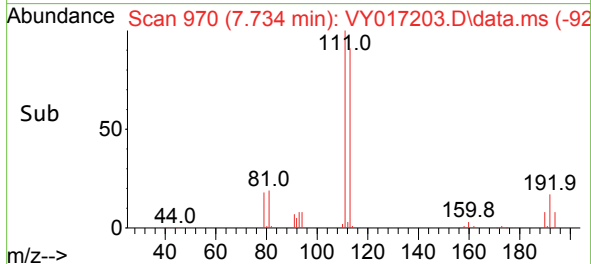


#35
Dibromofluoromethane
Concen: 44.680 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017203.D
Acq: 03 Feb 2024 00:10

Instrument :
MSVOA_Y
ClientSampleId :
TR-614-VOC-03

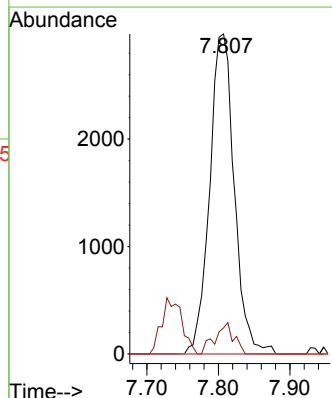
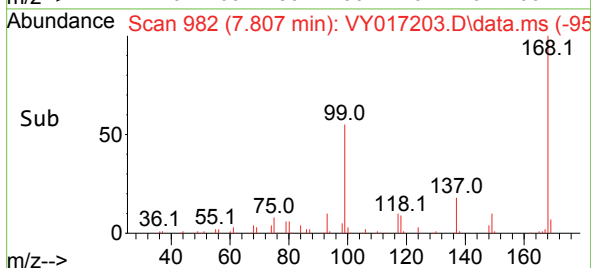
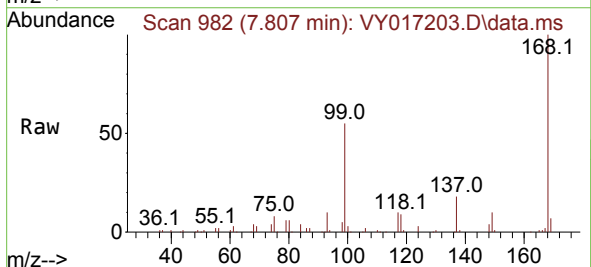


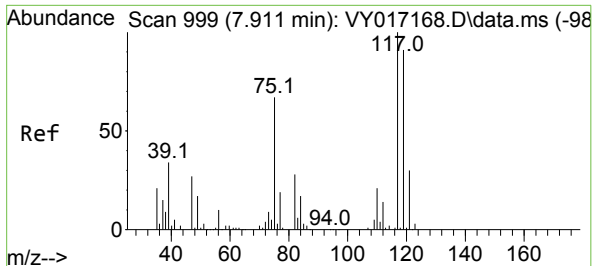
Tgt Ion:113 Resp: 42337
Ion Ratio Lower Upper
113 100
111 104.0 83.8 125.6
192 18.7 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.362 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY017203.D
Acq: 03 Feb 2024 00:10

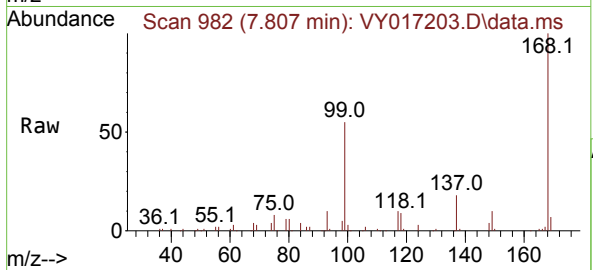
Tgt Ion: 75 Resp: 7129
Ion Ratio Lower Upper
75 100
110 7.4 17.4 52.3#
77 0.0 24.7 37.1#



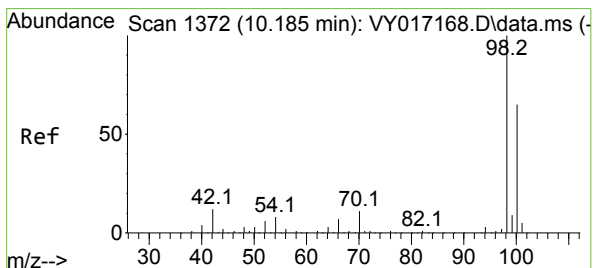
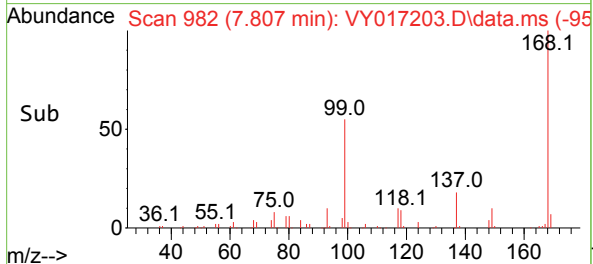
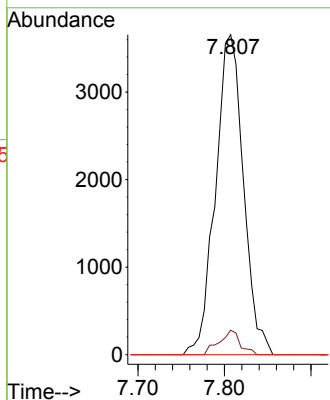


#38
Carbon Tetrachloride
Concen: 5.240 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY017203.D
Acq: 03 Feb 2024 00:10

Instrument :
MSVOA_Y
ClientSampleId :
TR-614-VOC-03

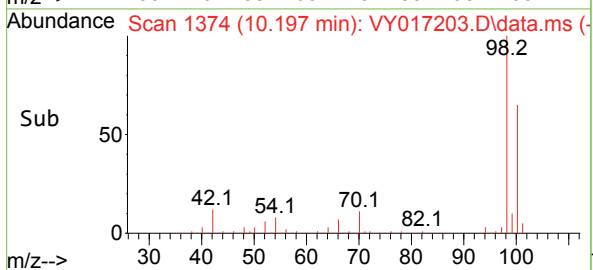
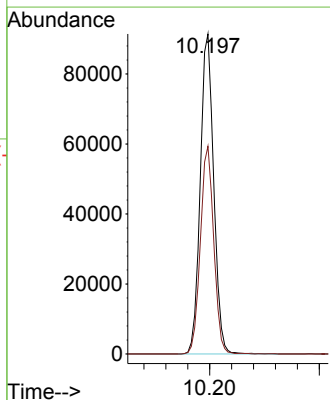
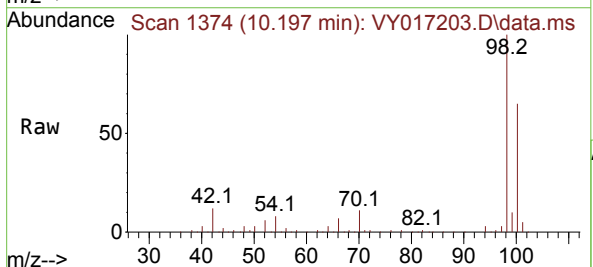


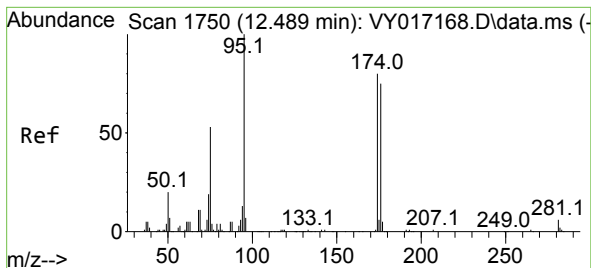
Tgt Ion:117 Resp: 8200
Ion Ratio Lower Upper
117 100
119 7.7 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 45.041 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.012 min
Lab File: VY017203.D
Acq: 03 Feb 2024 00:10

Tgt Ion: 98 Resp: 155389
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5

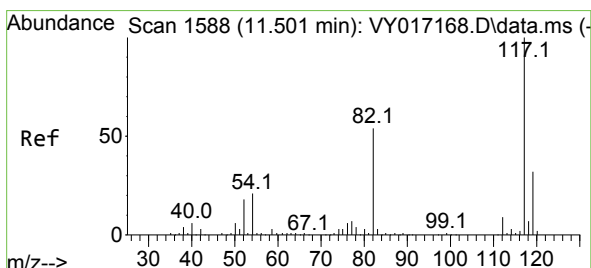
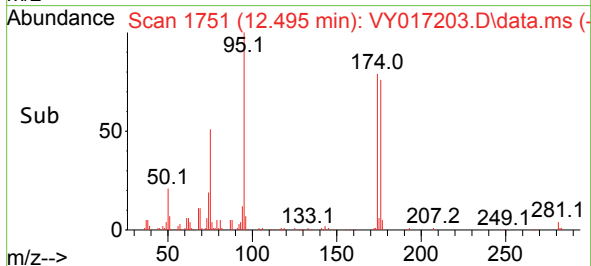
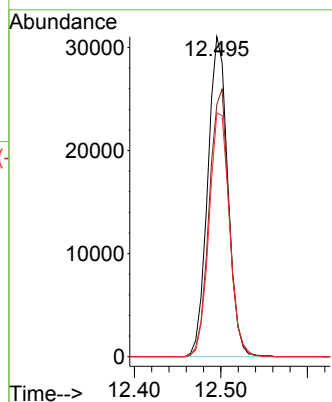
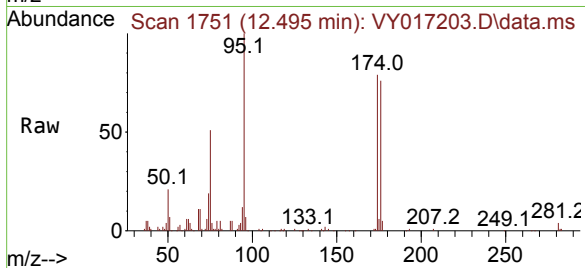




#62
4-Bromofluorobenzene
Concen: 44.207 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017203.D
Acq: 03 Feb 2024 00:10

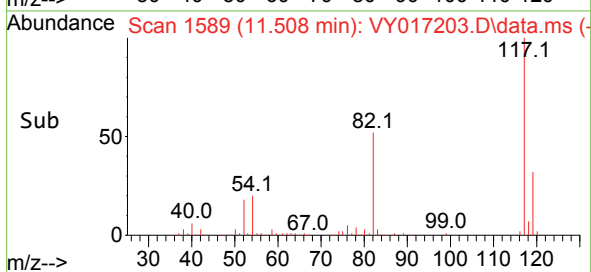
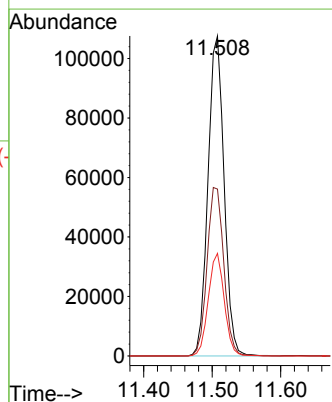
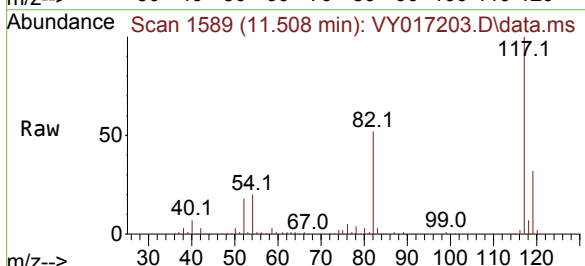
Instrument :
MSVOA_Y
ClientSampleId :
TR-614-VOC-03

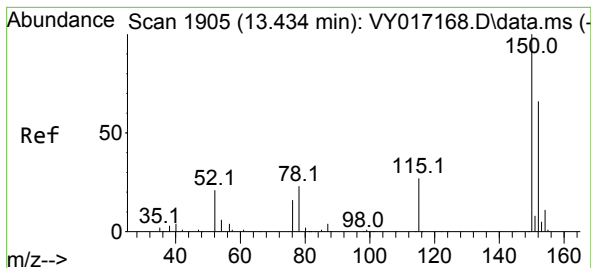
Tgt Ion:	95	Resp:	49961
Ion	Ratio	Lower	Upper
95	100		
174	83.0	0.0	160.0
176	77.5	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY017203.D
Acq: 03 Feb 2024 00:10

Tgt Ion:	117	Resp:	175853
Ion	Ratio	Lower	Upper
117	100		
82	52.1	43.8	65.8
119	32.1	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017203.D

Acq: 03 Feb 2024 00:10

Instrument :

MSVOA_Y

ClientSampleId :

TR-614-VOC-03

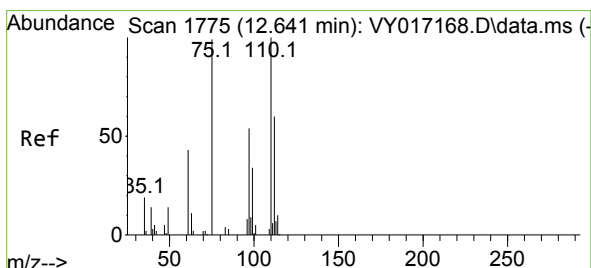
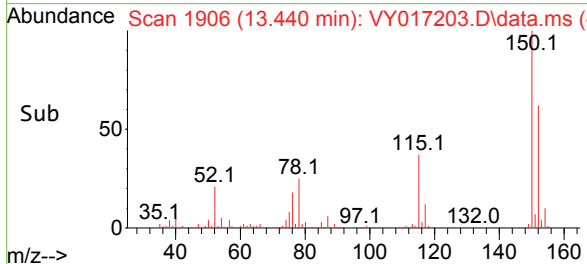
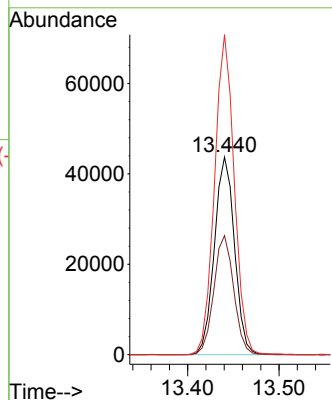
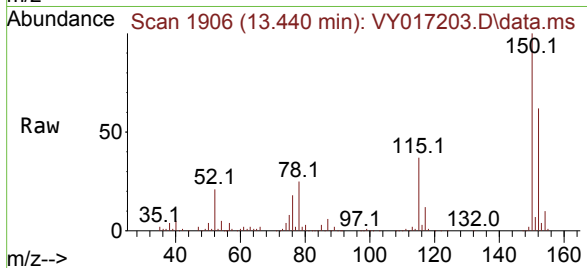
Tgt Ion:152 Resp: 66870

Ion Ratio Lower Upper

152 100

115 59.6 30.0 90.0

150 158.8 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 41.813 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.146 min

Lab File: VY017203.D

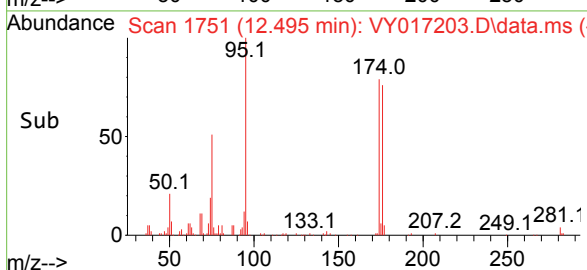
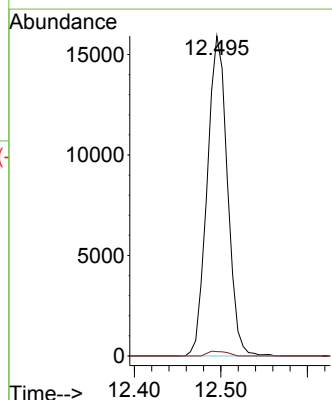
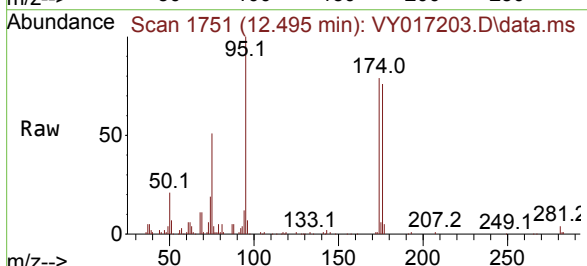
Acq: 03 Feb 2024 00:10

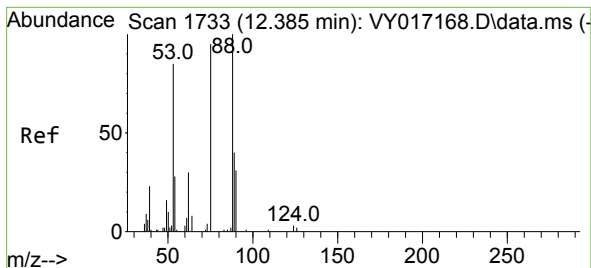
Tgt Ion: 75 Resp: 25807

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#

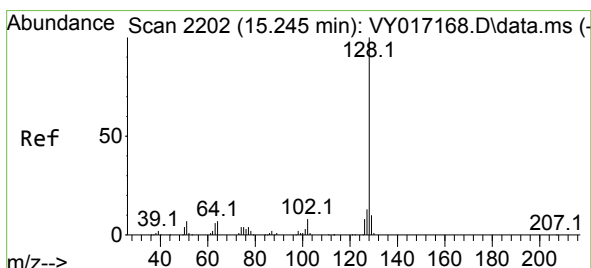
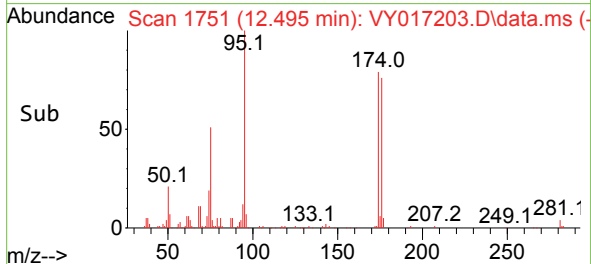
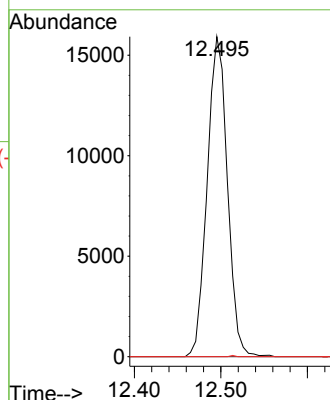
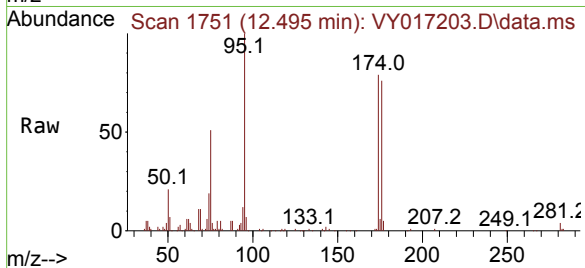




#81
trans-1,4-Dichloro-2-butene
Concen: 86.882 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY017203.D
Acq: 03 Feb 2024 00:10

Instrument :
MSVOA_Y
ClientSampleId :
TR-614-VOC-03

Tgt Ion: 75 Resp: 25807
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.1 36.5 54.7#



#95
Naphthalene
Concen: 3.540 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY017203.D
Acq: 03 Feb 2024 00:10

Tgt Ion: 128 Resp: 223
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

