

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030524\
 Data File : VY017571.D
 Acq On : 05 Mar 2024 15:07
 Operator : SY/MD
 Sample : P1672-11
 Misc : 3.97g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5-VOC

Quant Time: Mar 05 22:05:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

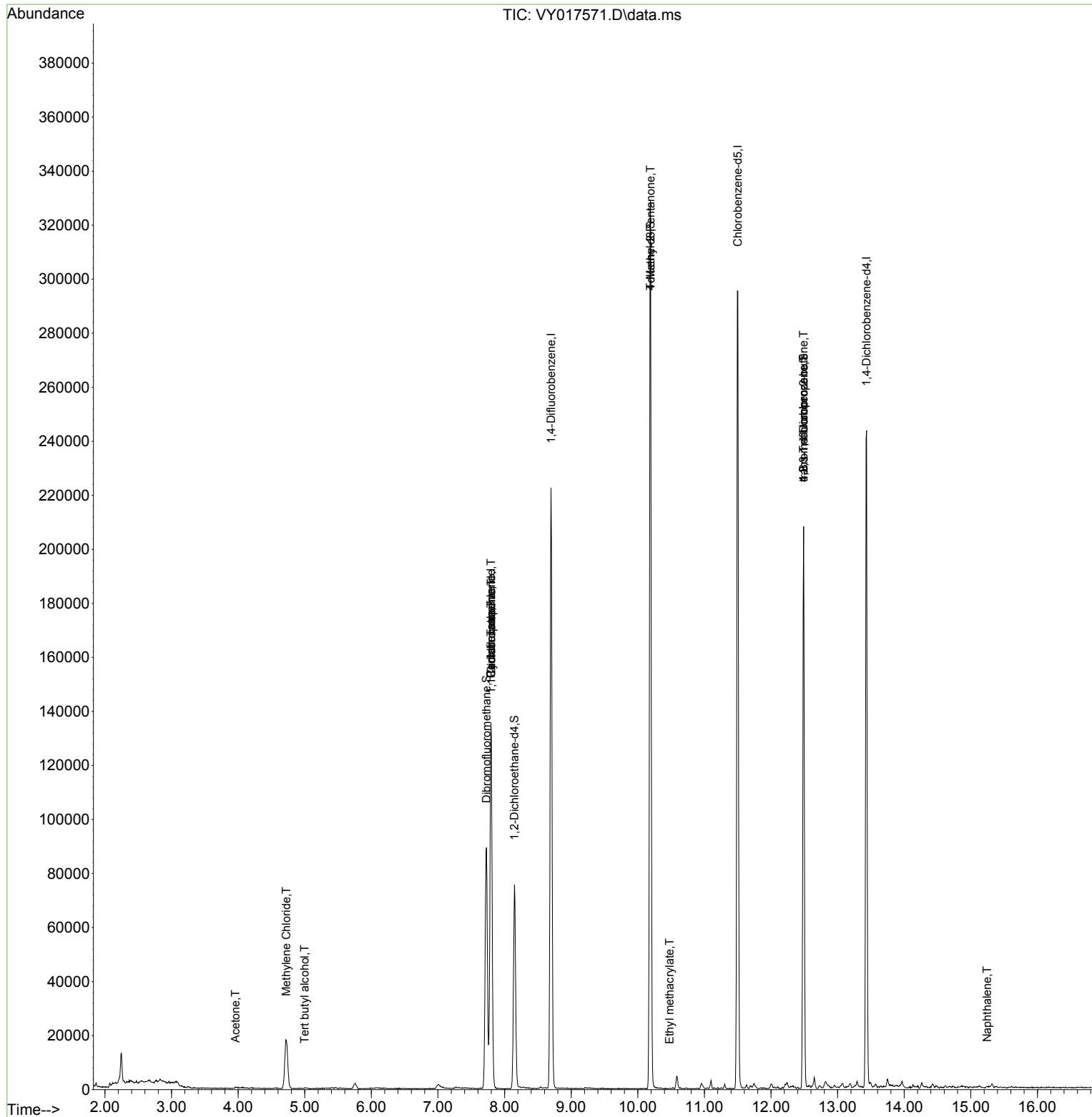
Internal Standards						
1) Pentafluorobenzene	7.795	168	111969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	199493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	178294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	66397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	55593	52.389	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.780%	
35) Dibromofluoromethane	7.728	113	64621	46.486	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.980%	
50) Toluene-d8	10.191	98	225887	46.475	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.940%	
62) 4-Bromofluorobenzene	12.489	95	61532	40.283	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 80.560%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.997	59	106	1.176	ug/l #	88
16) Acetone	3.960	43	785	3.814	ug/l	95
20) Methylene Chloride	4.722	84	14647	7.451	ug/l	98
31) Cyclohexane	7.795	56	1972	1.142	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	8027	4.280	ug/l #	47
38) Carbon Tetrachloride	7.795	117	10534	5.604	ug/l #	17
51) 4-Methyl-2-Pentanone	10.191	43	886	1.221	ug/l #	1
56) Ethyl methacrylate	10.477	69	23	2.553	ug/l #	33
76) 1,2,3-Trichloropropane	12.489	75	30991	49.124	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	30991	112.876	ug/l #	16
95) Naphthalene	15.245	128	281	4.039	ug/l #	69

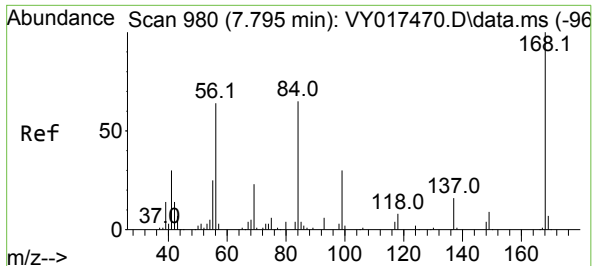
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030524\
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Quant Title : SW846 8260
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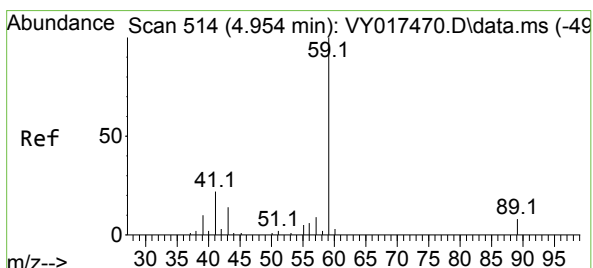
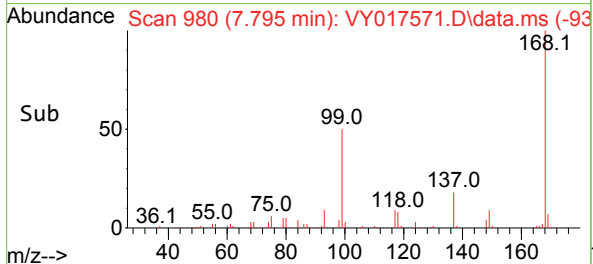
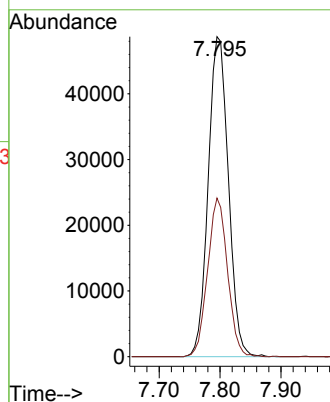
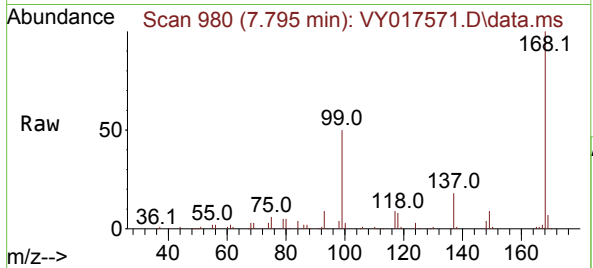




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017571.D
Acq: 05 Mar 2024 15:07

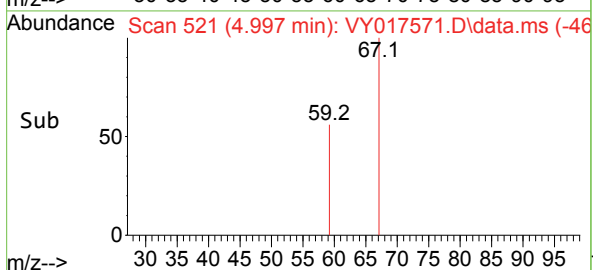
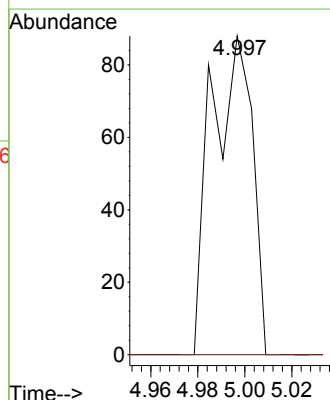
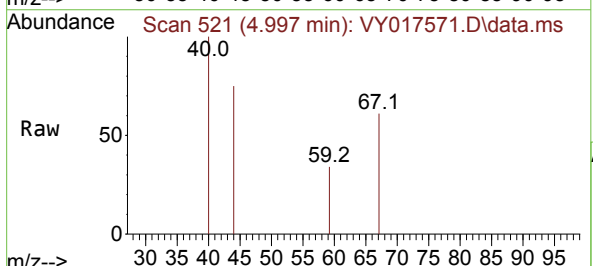
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC

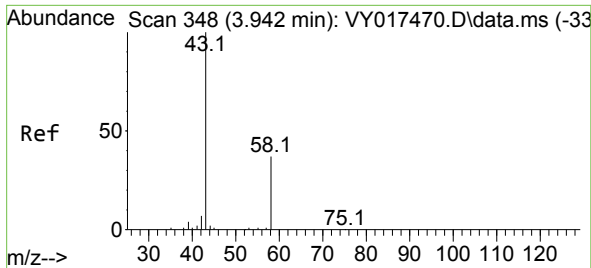
Tgt Ion:168 Resp: 111969
Ion Ratio Lower Upper
168 100
99 49.6 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.176 ug/l
RT: 4.997 min Scan# 521
Delta R.T. 0.043 min
Lab File: VY017571.D
Acq: 05 Mar 2024 15:07

Tgt Ion: 59 Resp: 106
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 3.814 ug/l

RT: 3.960 min Scan# 31

Delta R.T. 0.018 min

Lab File: VY017571.D

Acq: 05 Mar 2024 15:07

Instrument :

MSVOA_Y

ClientSampleId :

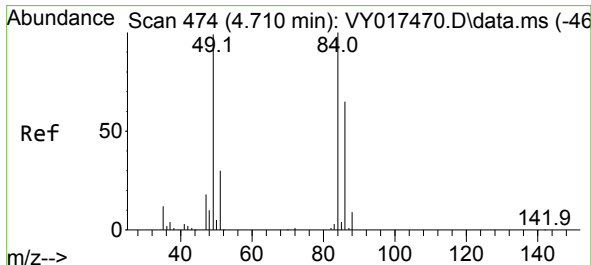
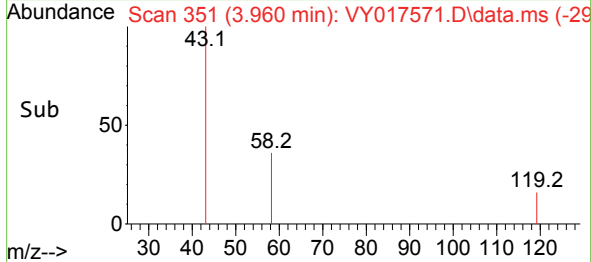
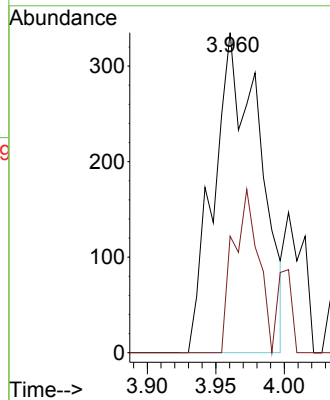
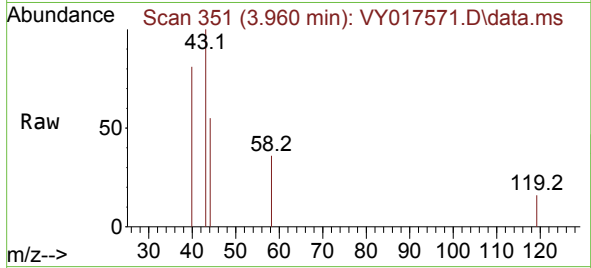
TP-5-VOC

Tgt Ion: 43 Resp: 785

Ion Ratio Lower Upper

43 100

58 36.4 31.7 47.5



#20

Methylene Chloride

Concen: 7.451 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.012 min

Lab File: VY017571.D

Acq: 05 Mar 2024 15:07

Tgt Ion: 84 Resp: 14647

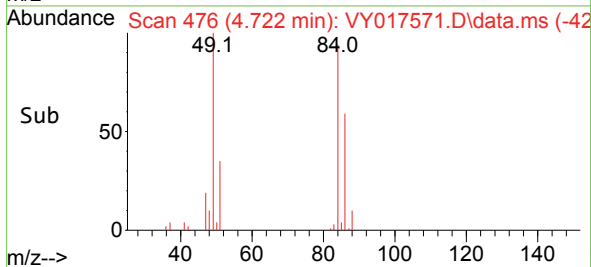
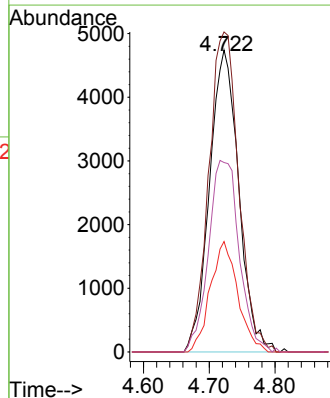
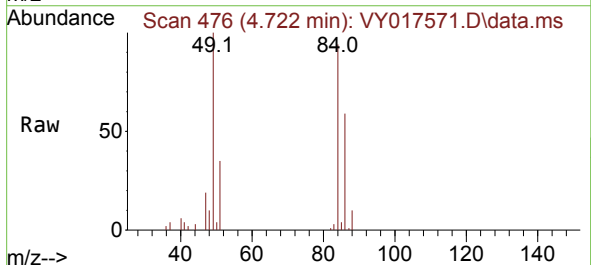
Ion Ratio Lower Upper

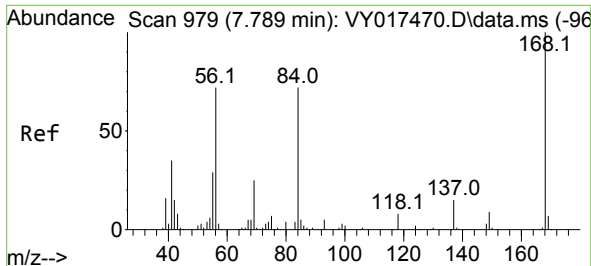
84 100

49 106.0 84.4 126.6

51 36.6 26.0 39.0

86 62.7 49.5 74.3

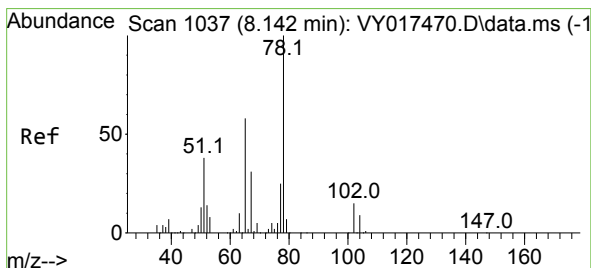
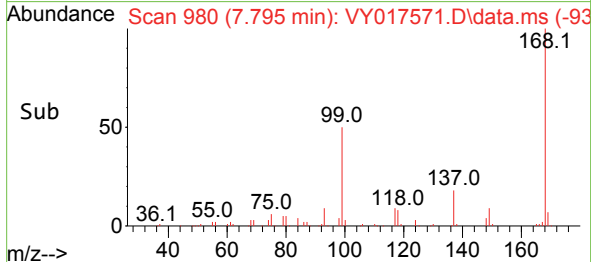
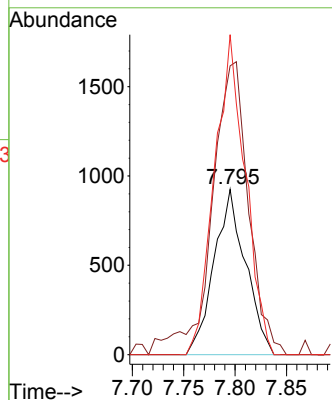
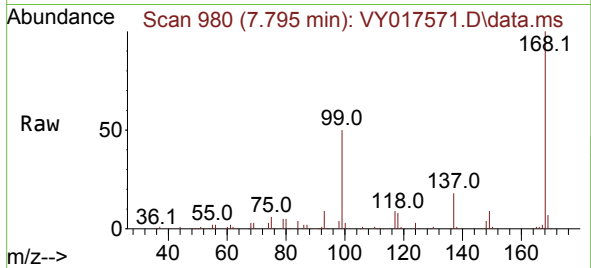




#31
Cyclohexane
Concen: 1.142 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017571.D
Acq: 05 Mar 2024 15:07

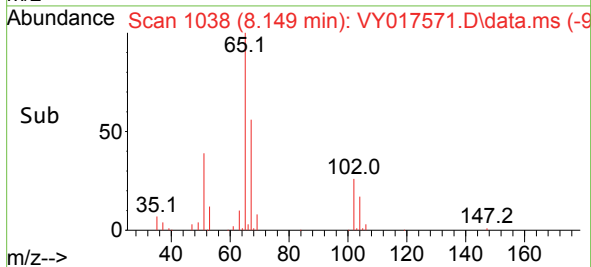
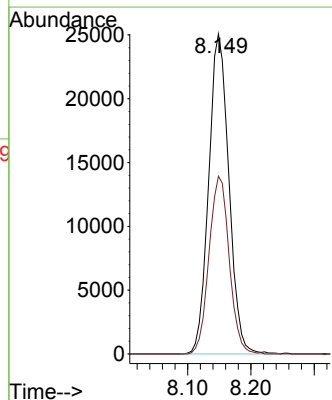
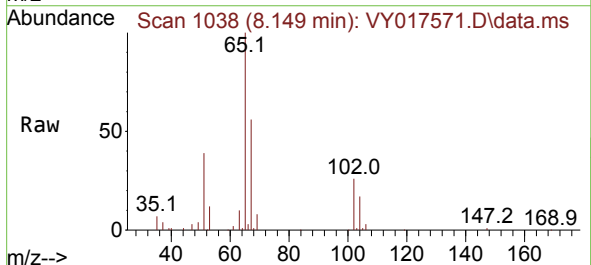
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC

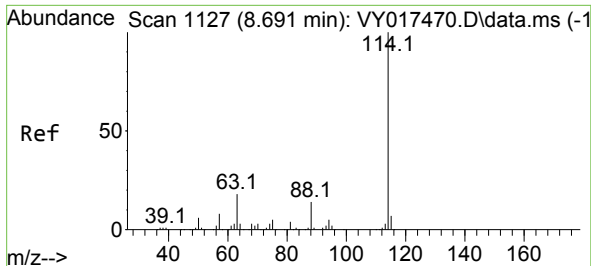
Tgt Ion: 56 Resp: 1972
Ion Ratio Lower Upper
56 100
69 168.8 28.7 43.1#
84 193.6 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 52.389 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017571.D
Acq: 05 Mar 2024 15:07

Tgt Ion: 65 Resp: 55593
Ion Ratio Lower Upper
65 100
67 55.5 0.0 109.6

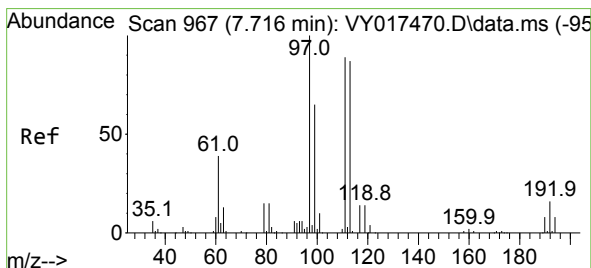
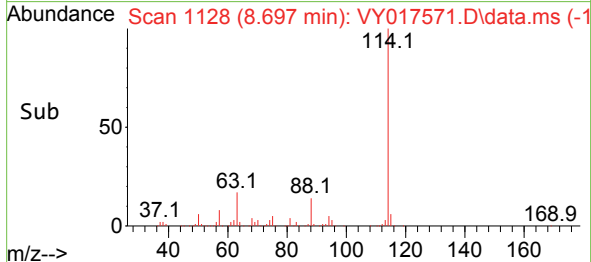
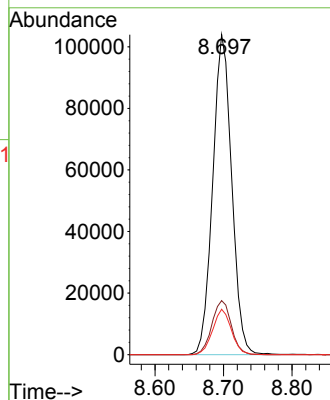
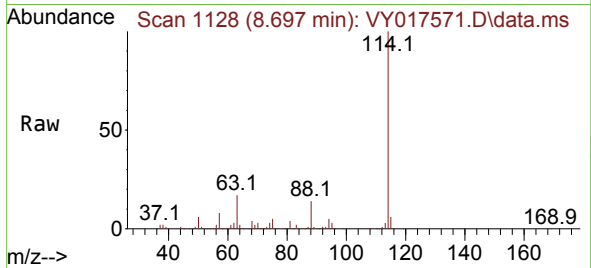




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY017571.D
Acq: 05 Mar 2024 15:07

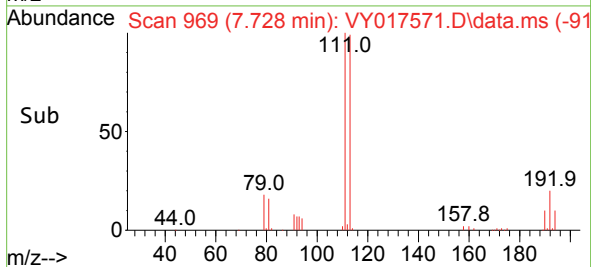
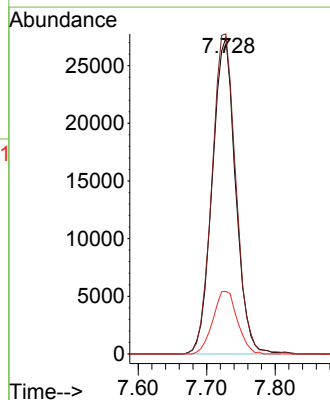
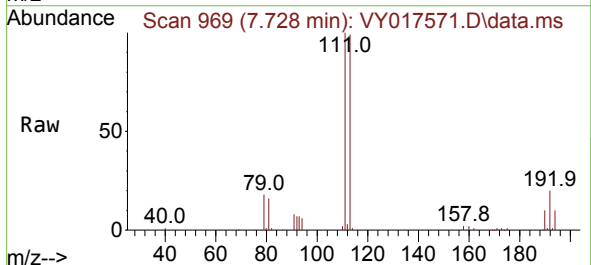
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC

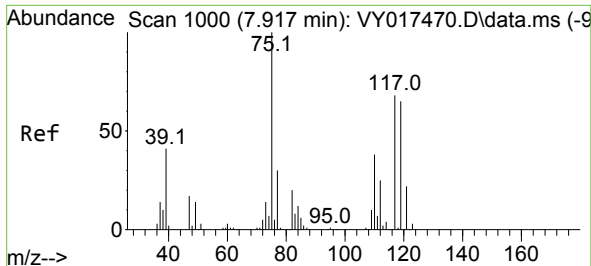
Tgt Ion:114 Resp: 199493
Ion Ratio Lower Upper
114 100
63 16.9 0.0 35.0
88 14.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 46.486 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY017571.D
Acq: 05 Mar 2024 15:07

Tgt Ion:113 Resp: 64621
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 20.8 15.9 23.9

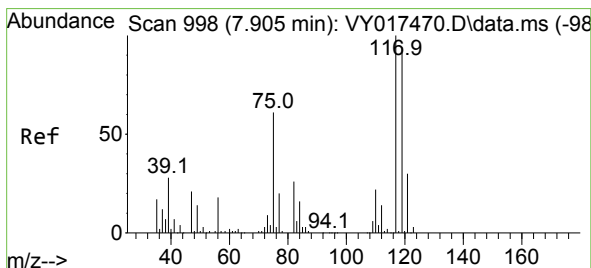
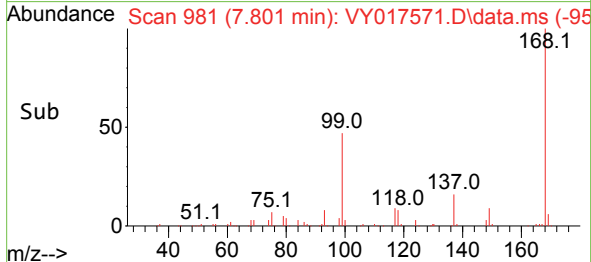
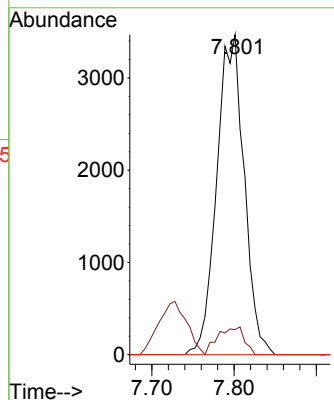
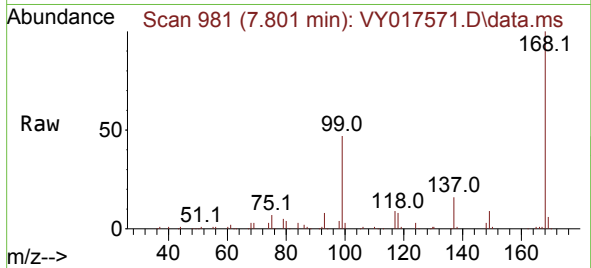




#36
 1,1-Dichloropropene
 Concen: 4.280 ug/l
 RT: 7.801 min Scan# 91
 Delta R.T. -0.116 min
 Lab File: VY017571.D
 Acq: 05 Mar 2024 15:07

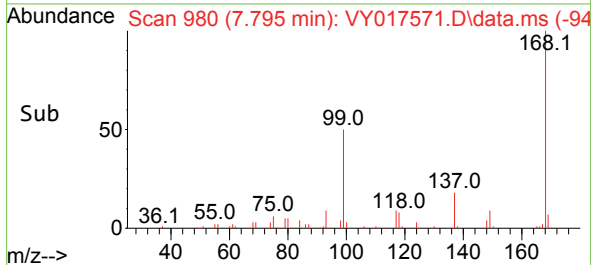
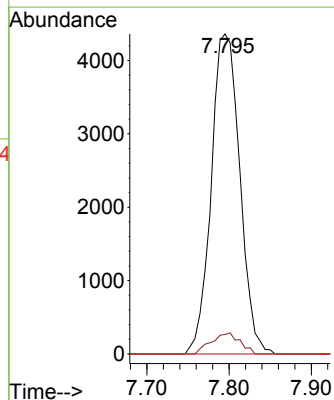
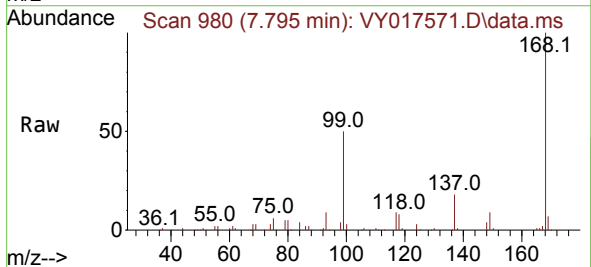
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5-VOC

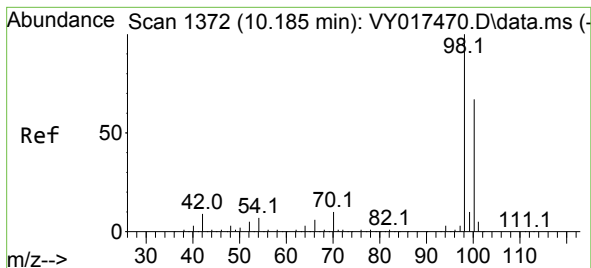
Tgt Ion: 75 Resp: 8027
 Ion Ratio Lower Upper
 75 100
 110 8.3 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.604 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.110 min
 Lab File: VY017571.D
 Acq: 05 Mar 2024 15:07

Tgt Ion: 117 Resp: 10534
 Ion Ratio Lower Upper
 117 100
 119 6.1 75.8 113.6#
 121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 46.475 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017571.D

Acq: 05 Mar 2024 15:07

Instrument :

MSVOA_Y

ClientSampleId :

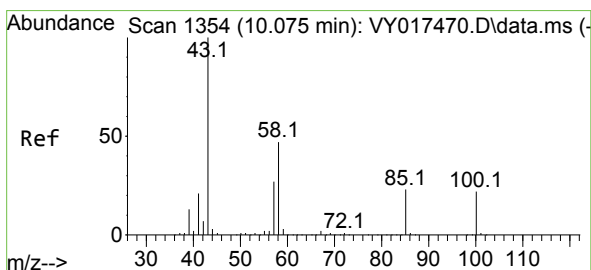
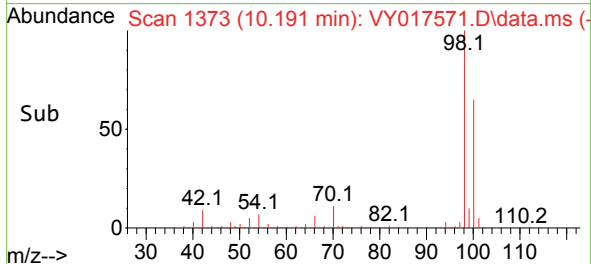
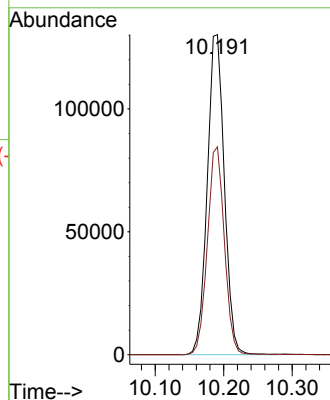
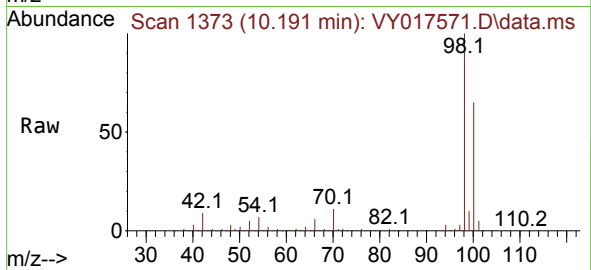
TP-5-VOC

Tgt Ion: 98 Resp: 225887

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.221 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.116 min

Lab File: VY017571.D

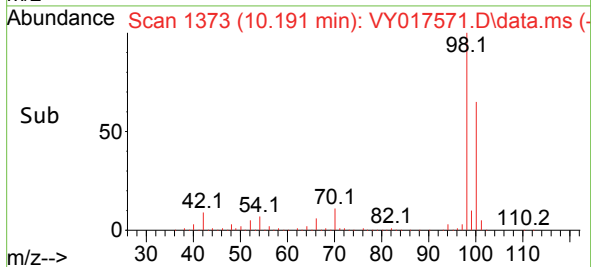
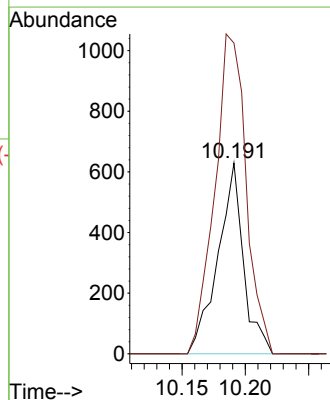
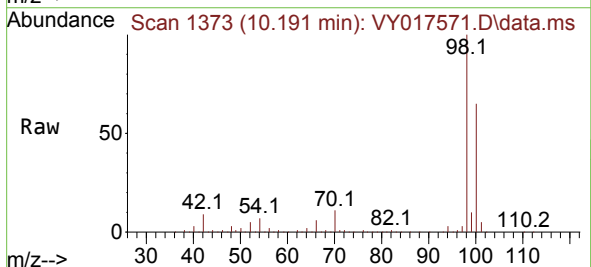
Acq: 05 Mar 2024 15:07

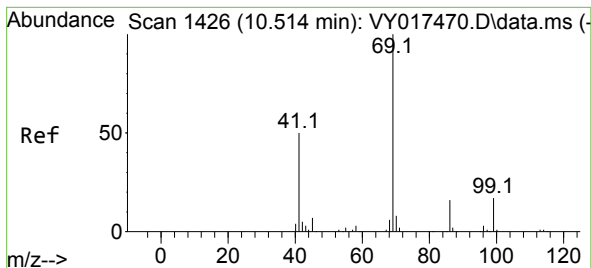
Tgt Ion: 43 Resp: 886

Ion Ratio Lower Upper

43 100

58 205.1 35.7 53.5#





#56

Ethyl methacrylate

Concen: 2.553 ug/l

RT: 10.477 min Scan# 14

Delta R.T. -0.037 min

Lab File: VY017571.D

Acq: 05 Mar 2024 15:07

Instrument :

MSVOA_Y

ClientSampleId :

TP-5-VOC

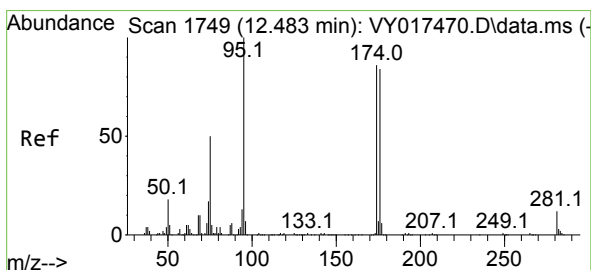
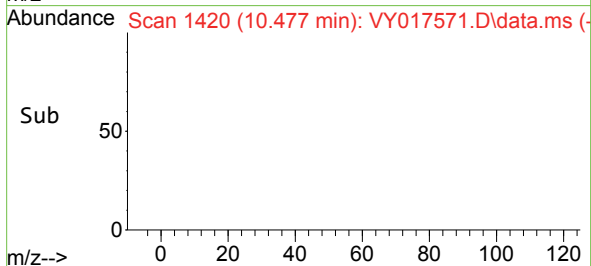
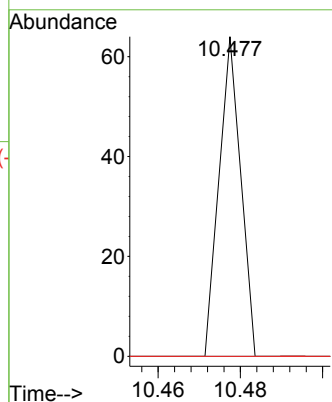
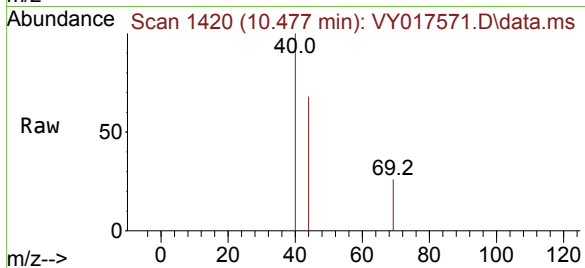
Tgt Ion: 69 Resp: 23

Ion Ratio Lower Upper

69 100

41 0.0 42.3 63.5#

39 0.0 22.9 34.3#



#62

4-Bromofluorobenzene

Concen: 40.283 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY017571.D

Acq: 05 Mar 2024 15:07

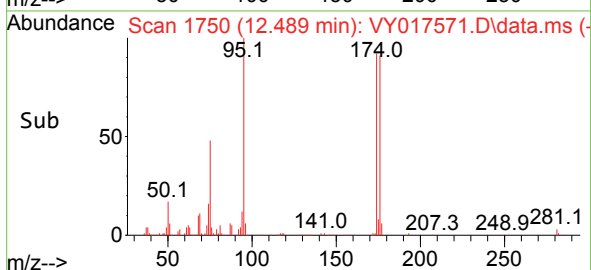
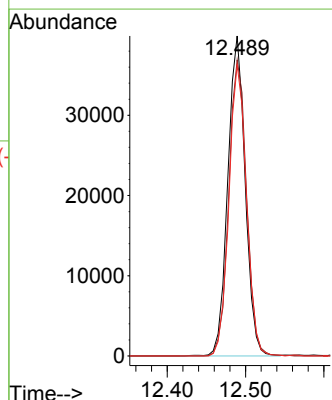
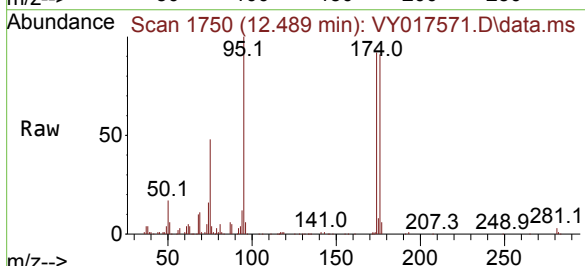
Tgt Ion: 95 Resp: 61532

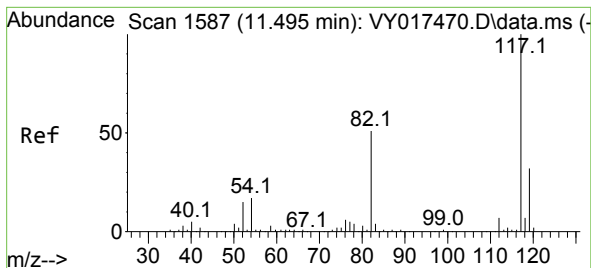
Ion Ratio Lower Upper

95 100

174 94.7 0.0 175.6

176 91.5 0.0 171.4

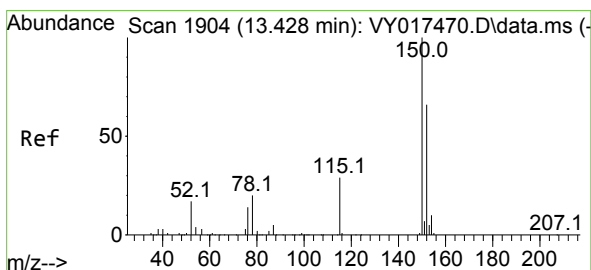
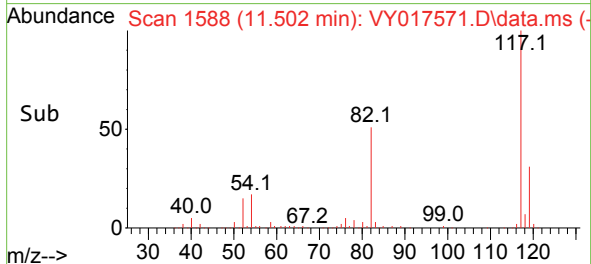
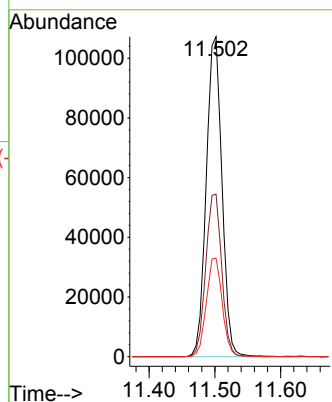
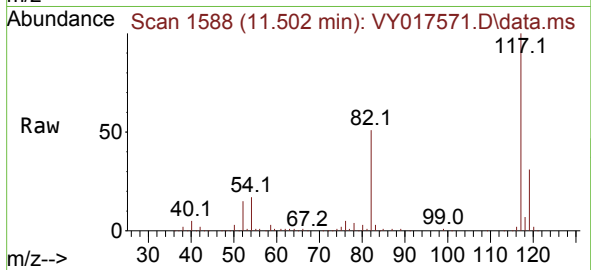




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017571.D
Acq: 05 Mar 2024 15:07

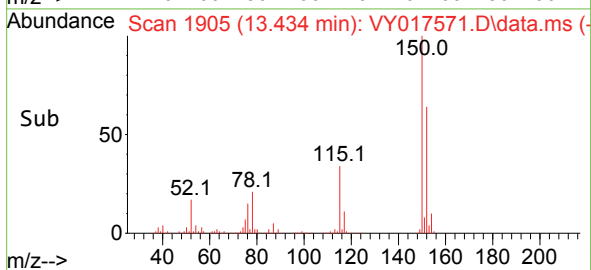
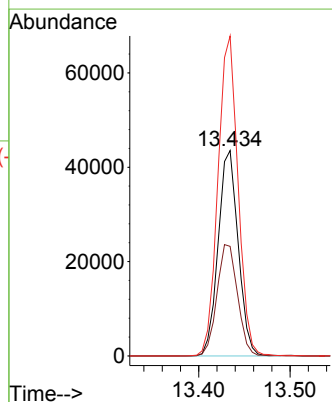
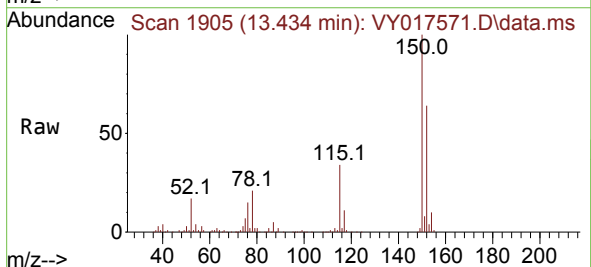
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC

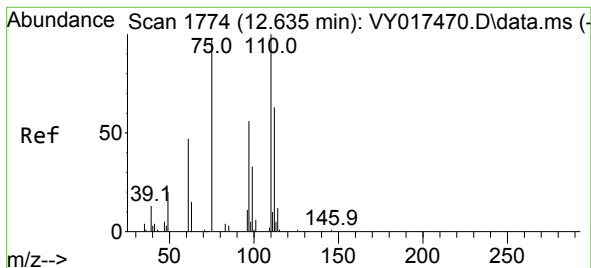
Tgt Ion:117 Resp: 178294
Ion Ratio Lower Upper
117 100
82 50.8 42.4 63.6
119 30.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY017571.D
Acq: 05 Mar 2024 15:07

Tgt Ion:152 Resp: 66397
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 156.1 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 49.124 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY017571.D

Acq: 05 Mar 2024 15:07

Instrument :

MSVOA_Y

ClientSampleId :

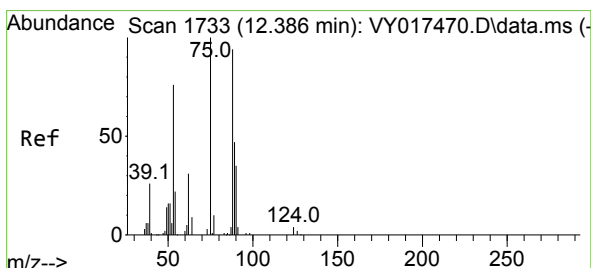
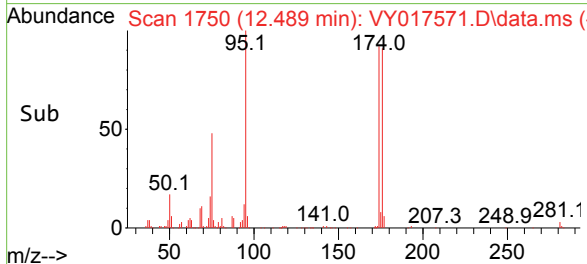
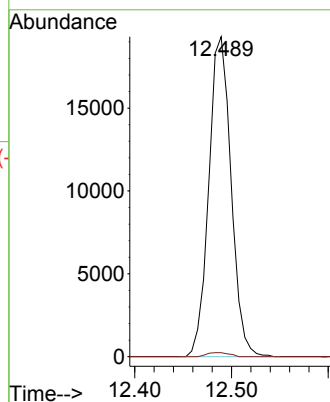
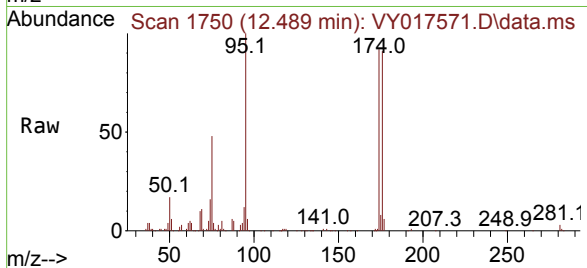
TP-5-VOC

Tgt Ion: 75 Resp: 30991

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 112.876 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.104 min

Lab File: VY017571.D

Acq: 05 Mar 2024 15:07

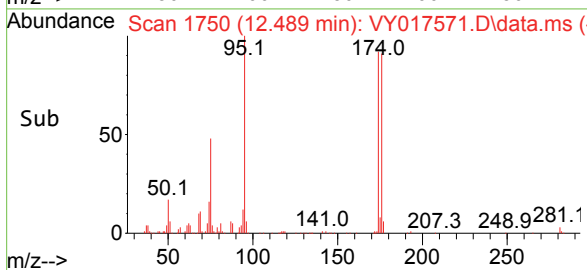
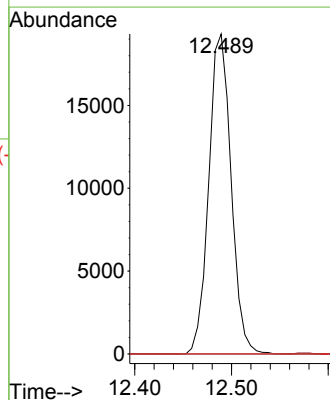
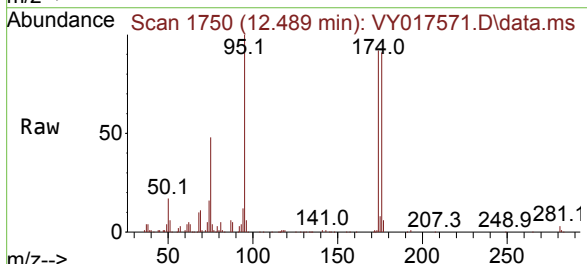
Tgt Ion: 75 Resp: 30991

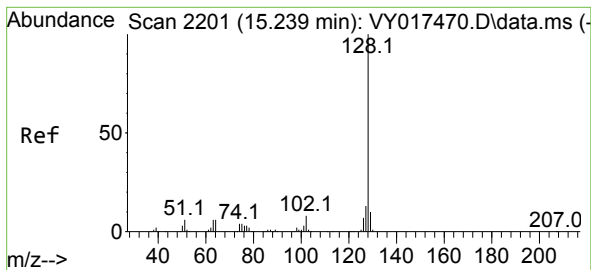
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#





#95

Naphthalene

Concen: 4.039 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY017571.D

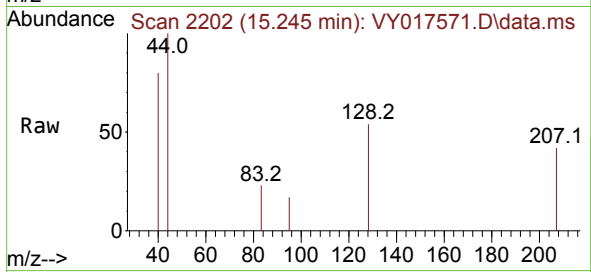
Acq: 05 Mar 2024 15:07

Instrument :

MSVOA_Y

ClientSampleId :

TP-5-VOC



Tgt Ion:128 Resp: 281

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.6 13.0#

