

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022924\
 Data File : VY017535.D
 Acq On : 29 Feb 2024 18:04
 Operator : SY/MD
 Sample : P1659-07
 Misc : 4.85g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7-VOC

Quant Time: Mar 01 00:33:32 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)

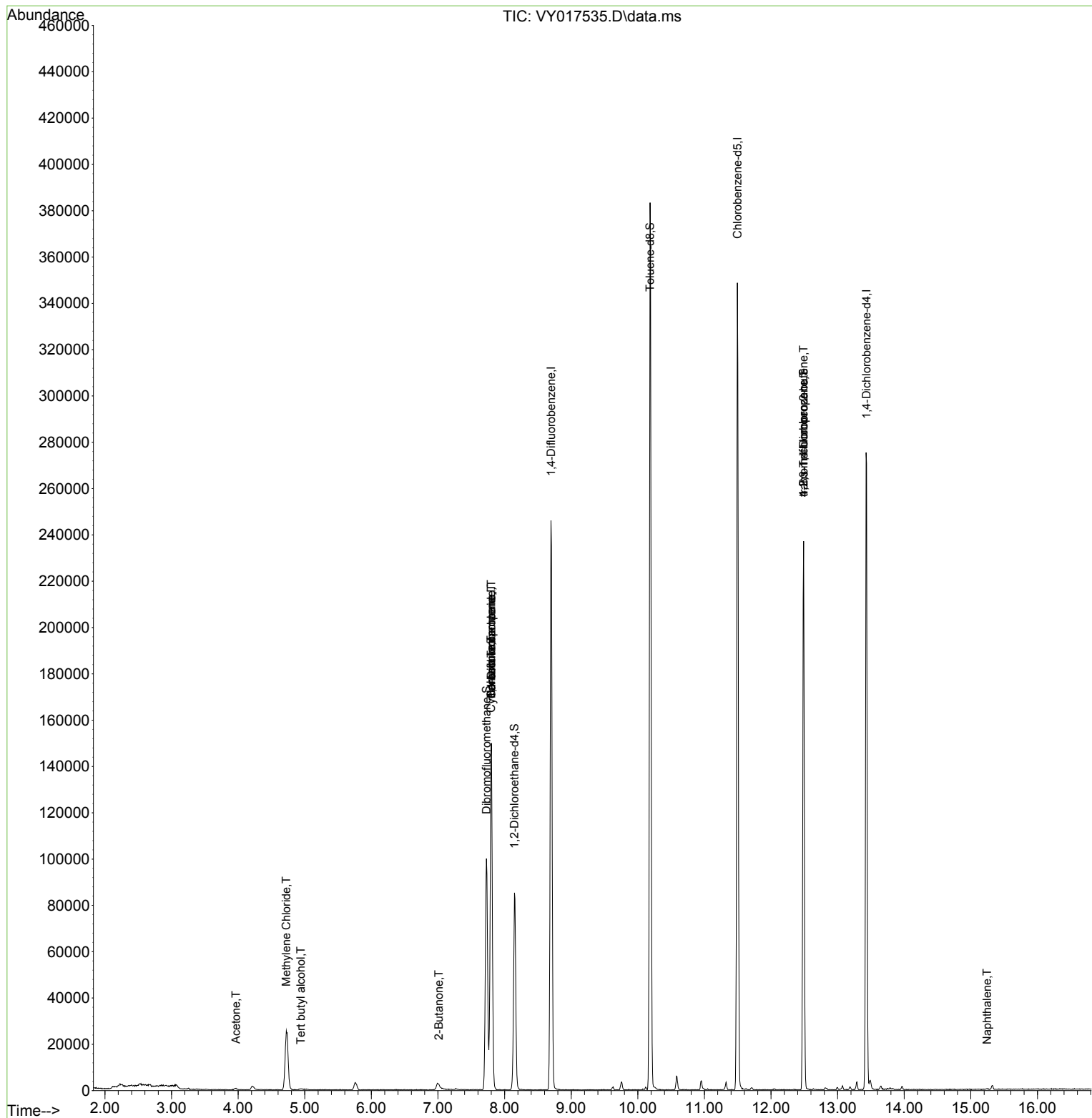
Internal Standards						
1) Pentafluorobenzene	7.801	168	123416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	223840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	200339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	75285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62973	53.839	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.680%			
35) Dibromofluoromethane	7.728	113	72305	46.356	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.720%			
50) Toluene-d8	10.185	98	257964	47.302	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.600%			
62) 4-Bromofluorobenzene	12.489	95	68731	40.102	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 80.200%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.942	59	230	2.315	ug/l #	88
16) Acetone	3.966	43	1152	5.078	ug/l	99
20) Methylene Chloride	4.722	84	21696	12.128	ug/l	97
25) 2-Butanone	7.015	43	372	1.151	ug/l #	41
31) Cyclohexane	7.795	56	2285	1.200	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	9212	4.377	ug/l #	46
38) Carbon Tetrachloride	7.801	117	11728	5.560	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	34358	48.032	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	34358	110.366	ug/l #	16
95) Naphthalene	15.245	128	361	4.055	ug/l #	69

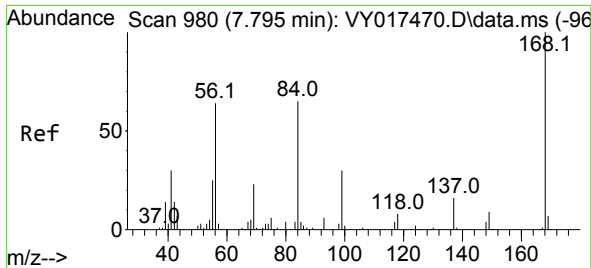
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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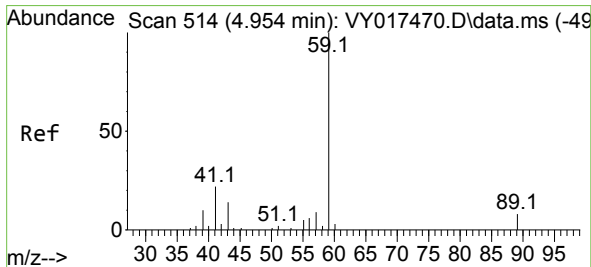
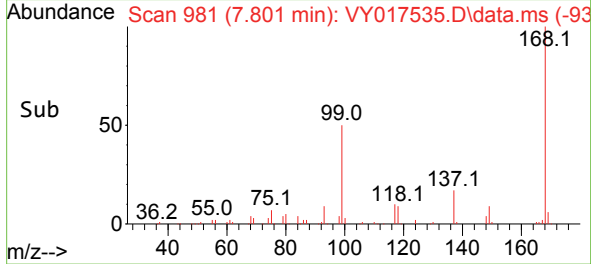
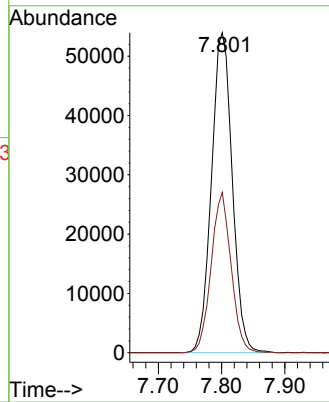
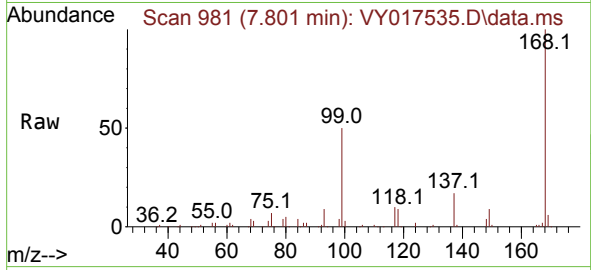




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017535.D
Acq: 29 Feb 2024 18:04

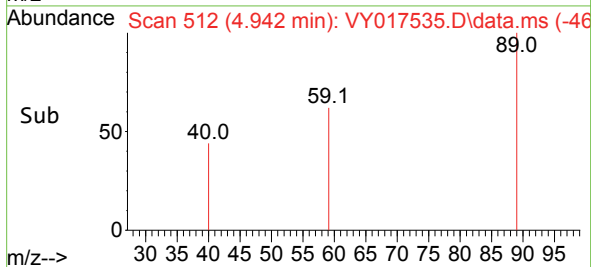
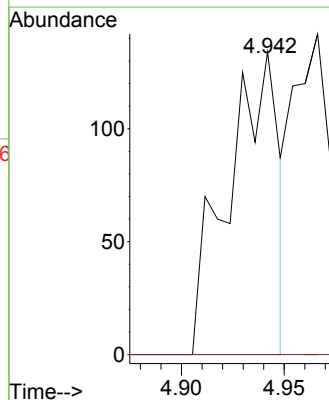
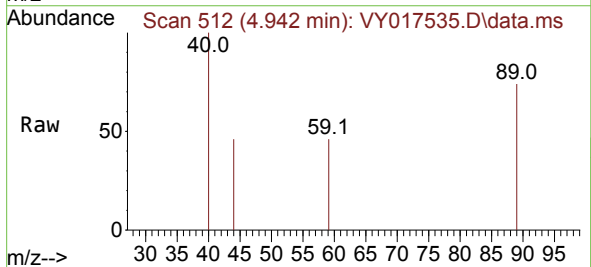
Instrument :
MSVOA_Y
ClientSampleId :
TP-7-VOC

Tgt Ion:168 Resp: 123416
Ion Ratio Lower Upper
168 100
99 50.1 39.1 58.7



#11
Tert butyl alcohol
Concen: 2.315 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY017535.D
Acq: 29 Feb 2024 18:04

Tgt Ion: 59 Resp: 230
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 5.078 ug/l

RT: 3.966 min Scan# 31

Delta R.T. 0.025 min

Lab File: VY017535.D

Acq: 29 Feb 2024 18:04

Instrument :

MSVOA_Y

ClientSampleId :

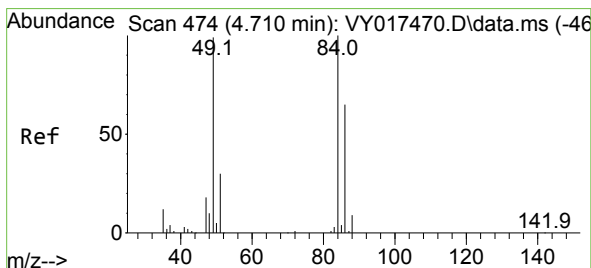
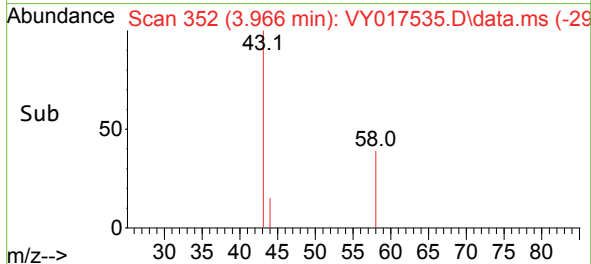
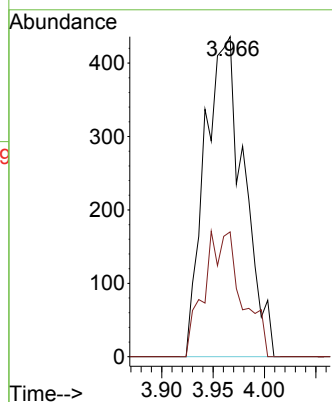
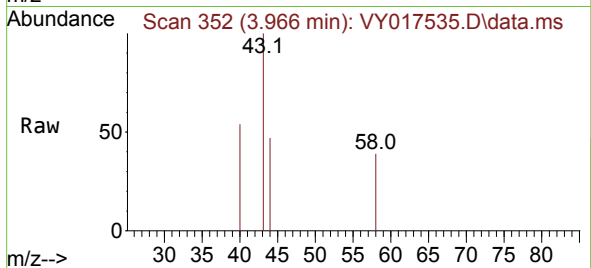
TP-7-VOC

Tgt Ion: 43 Resp: 1152

Ion Ratio Lower Upper

43 100

58 39.0 31.7 47.5



#20

Methylene Chloride

Concen: 12.128 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.012 min

Lab File: VY017535.D

Acq: 29 Feb 2024 18:04

Tgt Ion: 84 Resp: 21696

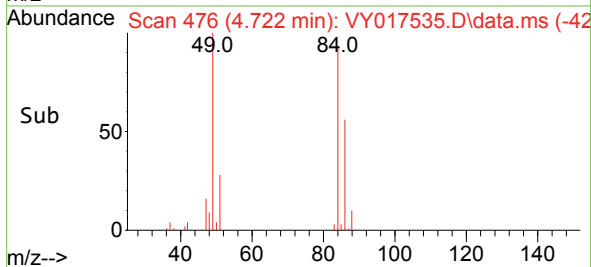
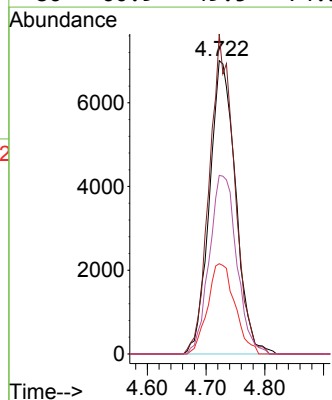
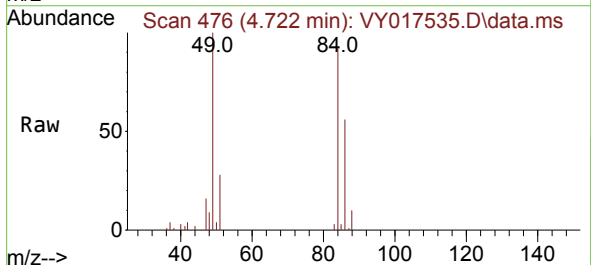
Ion Ratio Lower Upper

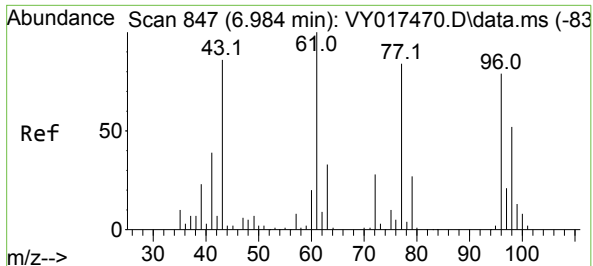
84 100

49 109.1 84.4 126.6

51 30.8 26.0 39.0

86 60.9 49.5 74.3





#25

2-Butanone

Concen: 1.151 ug/l

RT: 7.015 min Scan# 81

Delta R.T. 0.031 min

Lab File: VY017535.D

Acq: 29 Feb 2024 18:04

Instrument :

MSVOA_Y

ClientSampleId :

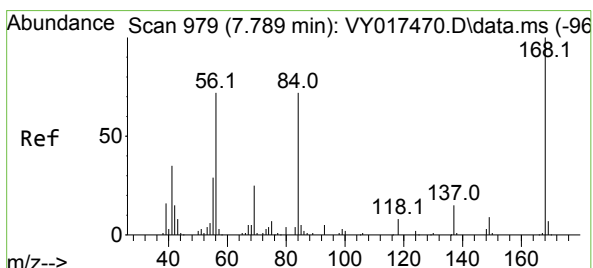
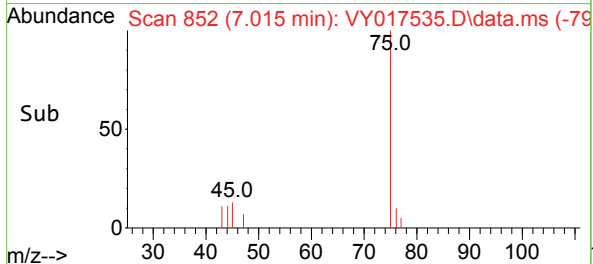
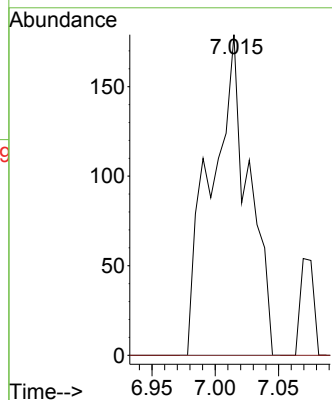
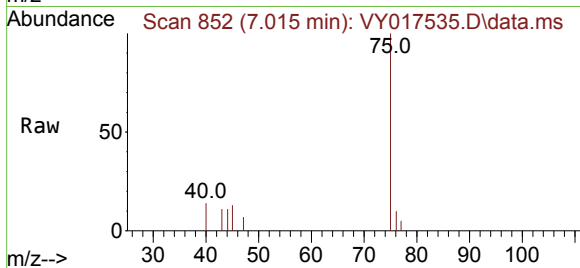
TP-7-VOC

Tgt Ion: 43 Resp: 372

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.200 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY017535.D

Acq: 29 Feb 2024 18:04

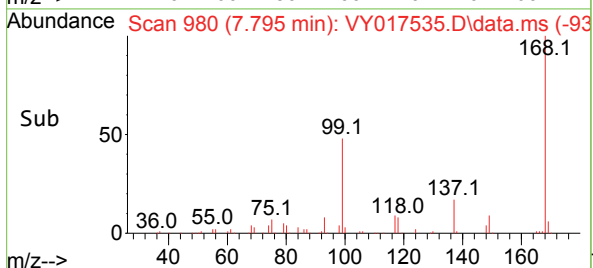
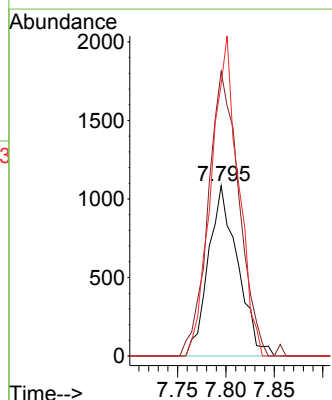
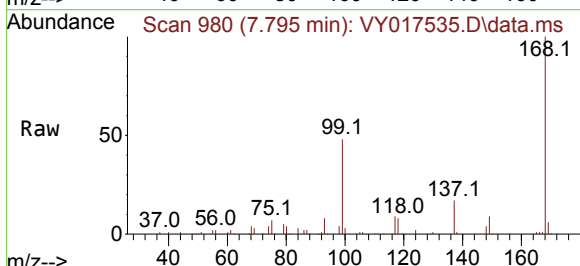
Tgt Ion: 56 Resp: 2285

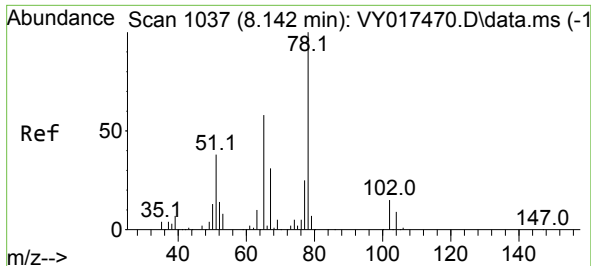
Ion Ratio Lower Upper

56 100

69 167.2 28.7 43.1#

84 159.6 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 53.839 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY017535.D

Acq: 29 Feb 2024 18:04

Instrument :

MSVOA_Y

ClientSampleId :

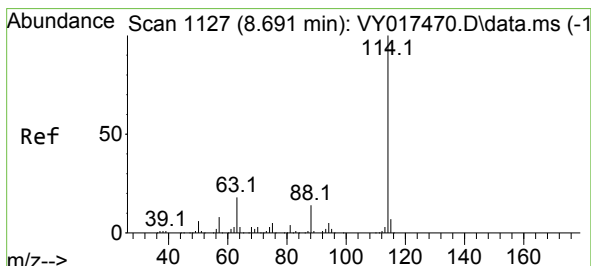
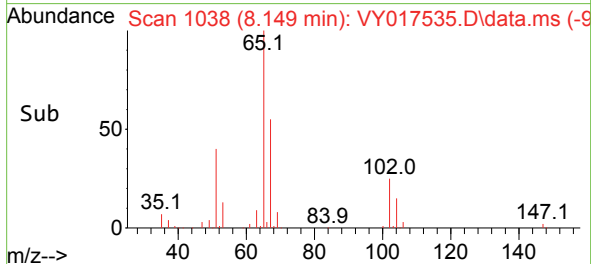
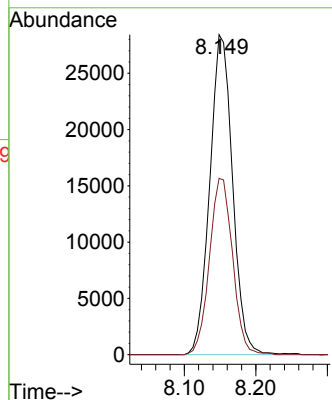
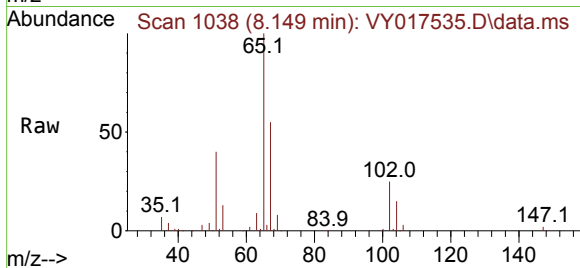
TP-7-VOC

Tgt Ion: 65 Resp: 62973

Ion Ratio Lower Upper

65 100

67 55.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017535.D

Acq: 29 Feb 2024 18:04

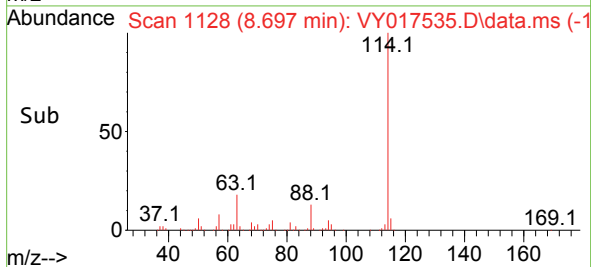
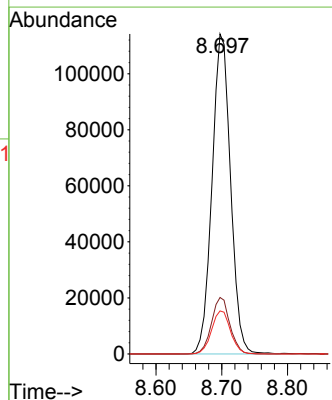
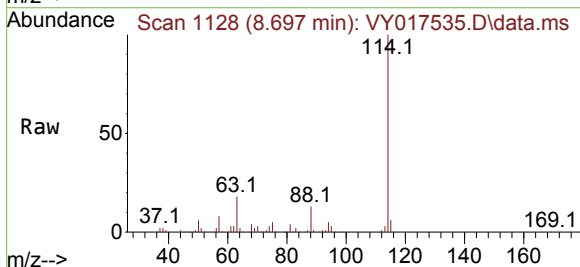
Tgt Ion: 114 Resp: 223840

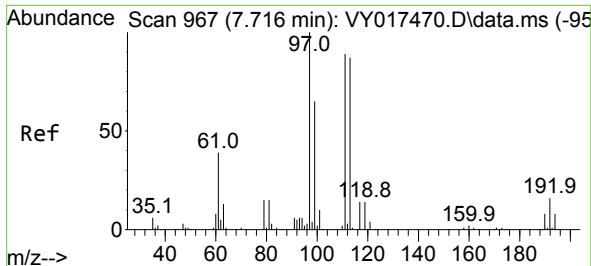
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

88 13.5 0.0 27.2

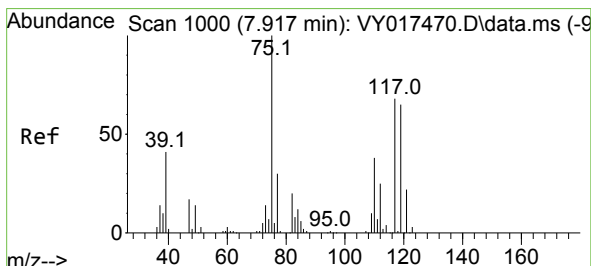
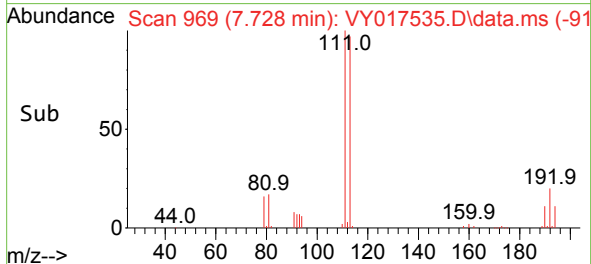
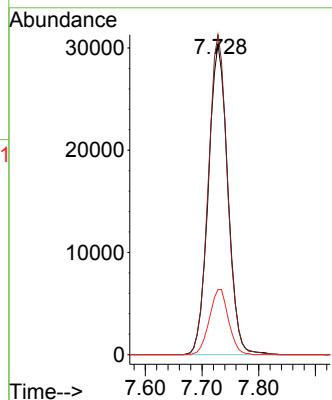
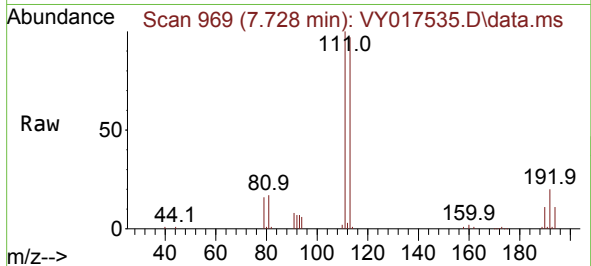




#35
Dibromofluoromethane
Concen: 46.356 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017535.D
Acq: 29 Feb 2024 18:04

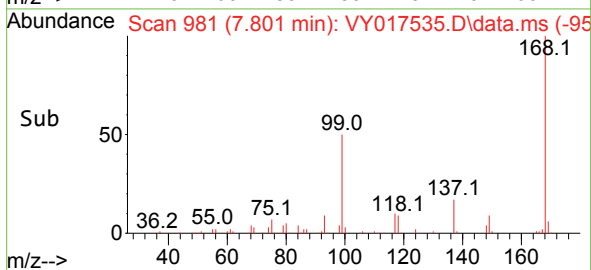
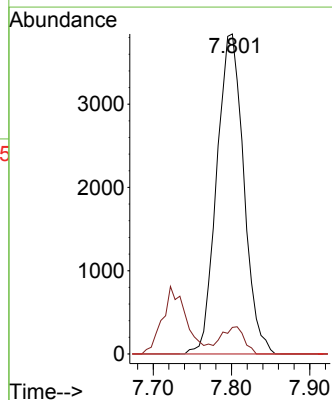
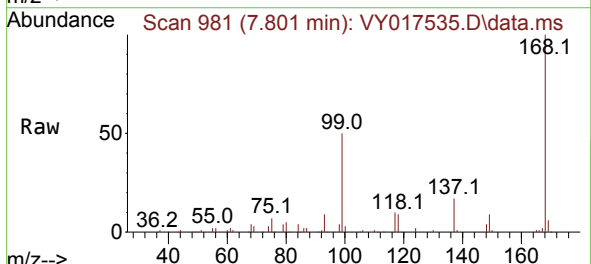
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TP-7-VOC

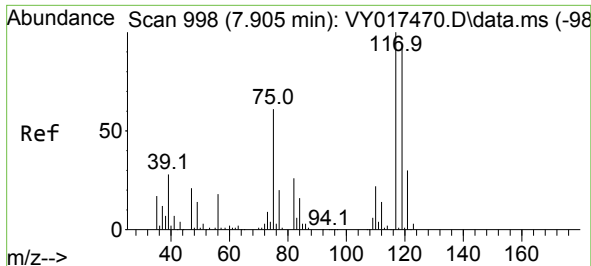
Tgt Ion:113 Resp: 72305
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 20.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.377 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY017535.D
Acq: 29 Feb 2024 18:04

Tgt Ion: 75 Resp: 9212
Ion Ratio Lower Upper
75 100
110 7.0 19.0 57.0#
77 0.0 25.3 37.9#

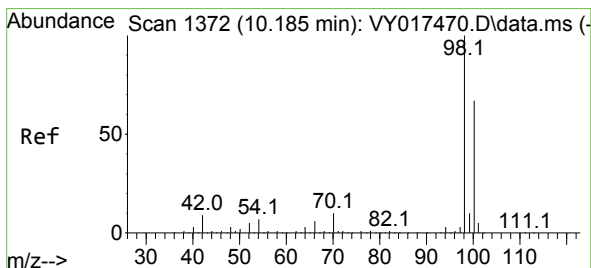
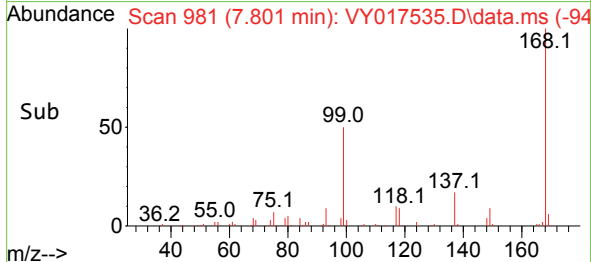
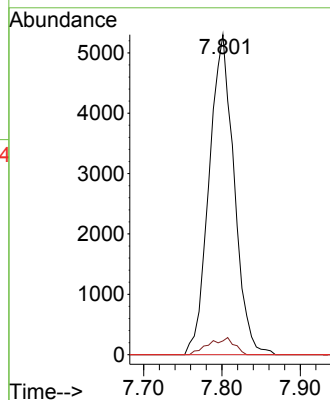
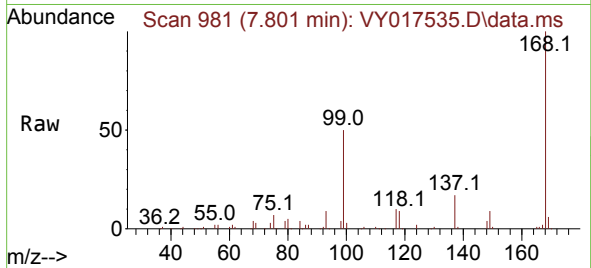




#38
Carbon Tetrachloride
Concen: 5.560 ug/l
RT: 7.801 min Scan# 998
Delta R.T. -0.103 min
Lab File: VY017535.D
Acq: 29 Feb 2024 18:04

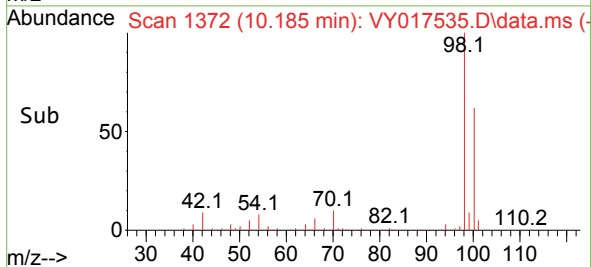
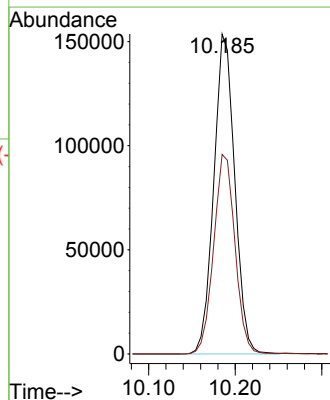
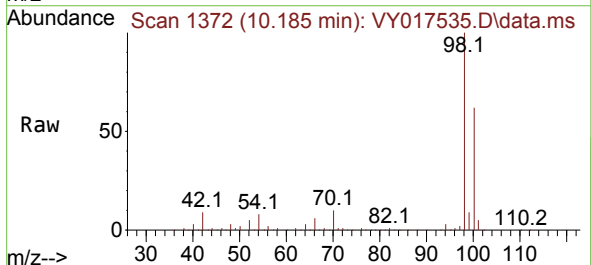
Instrument :
MSVOA_Y
ClientSampleId :
TP-7-VOC

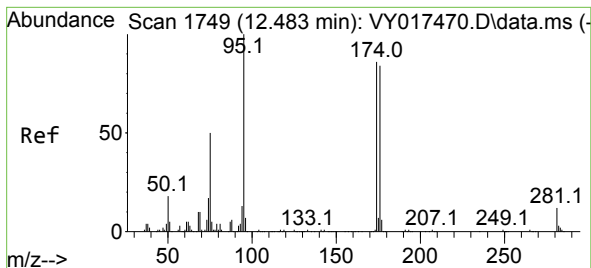
Tgt Ion:117 Resp: 11728
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.302 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017535.D
Acq: 29 Feb 2024 18:04

Tgt Ion: 98 Resp: 257964
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0

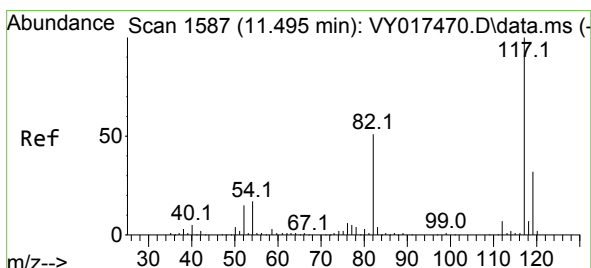
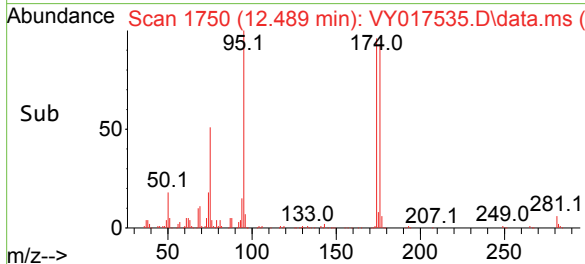
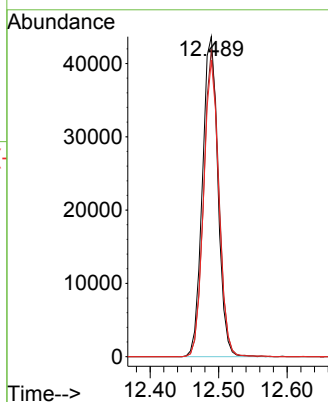
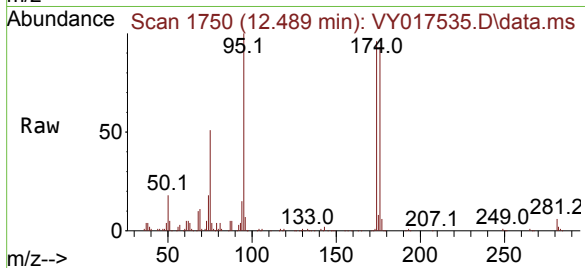




#62
4-Bromofluorobenzene
Concen: 40.102 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017535.D
Acq: 29 Feb 2024 18:04

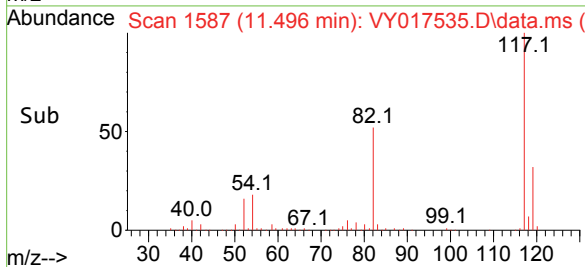
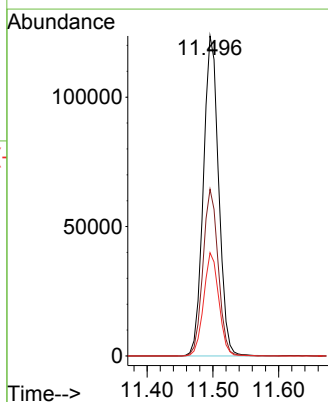
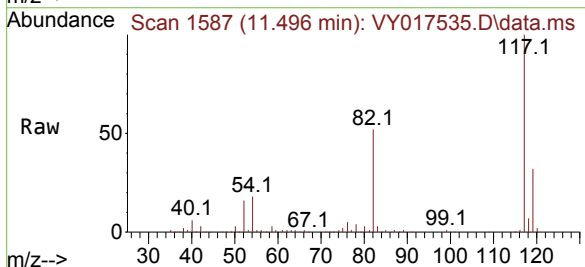
Instrument :
MSVOA_Y
ClientSampleId :
TP-7-VOC

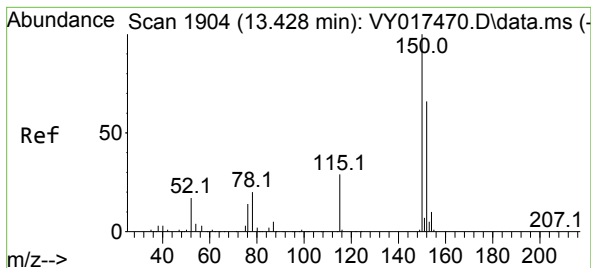
Tgt Ion: 95 Resp: 68731
Ion Ratio Lower Upper
95 100
174 94.2 0.0 175.6
176 91.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017535.D
Acq: 29 Feb 2024 18:04

Tgt Ion: 117 Resp: 200339
Ion Ratio Lower Upper
117 100
82 52.1 42.4 63.6
119 32.3 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY017535.D

Acq: 29 Feb 2024 18:04

Instrument :

MSVOA_Y

ClientSampleId :

TP-7-VOC

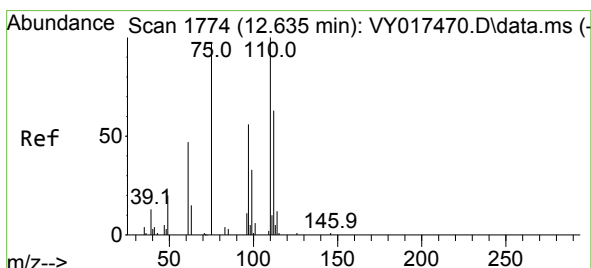
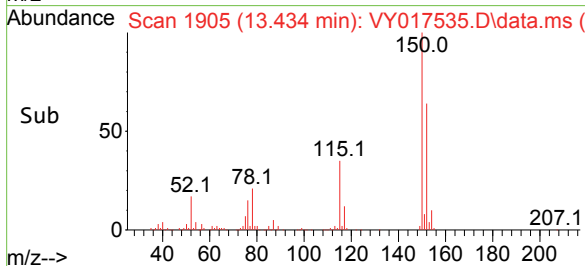
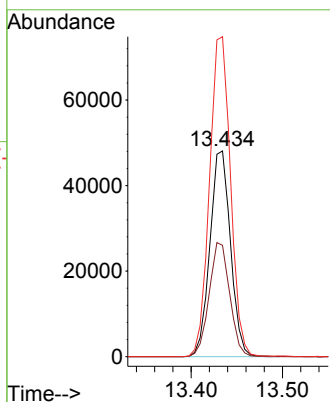
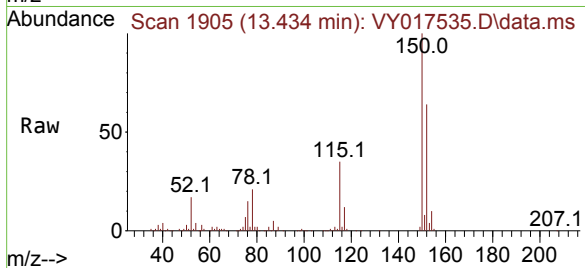
Tgt Ion:152 Resp: 75285

Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.7

150 158.3 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 48.032 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY017535.D

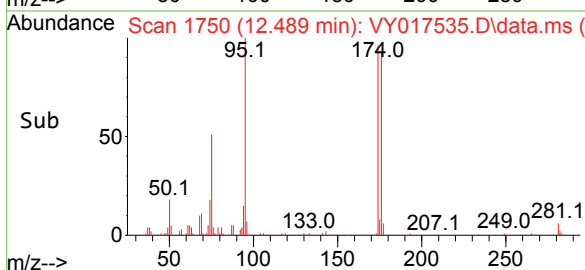
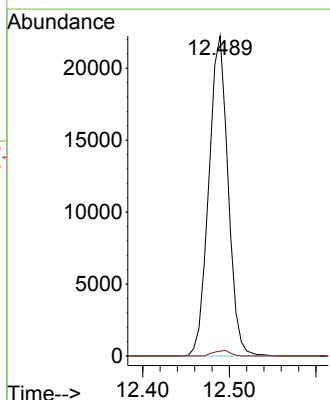
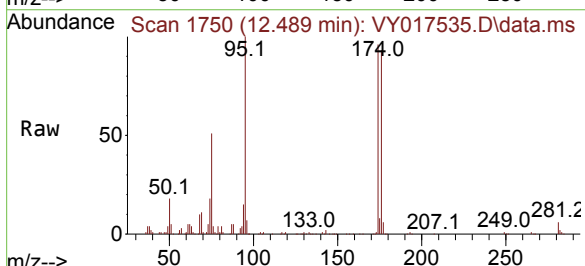
Acq: 29 Feb 2024 18:04

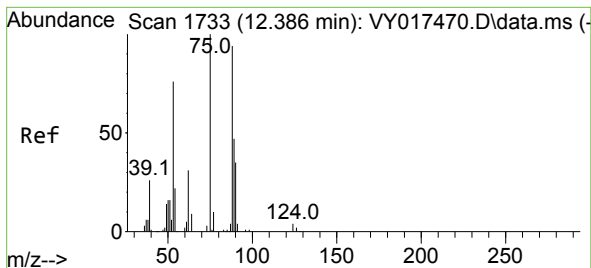
Tgt Ion: 75 Resp: 34358

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#

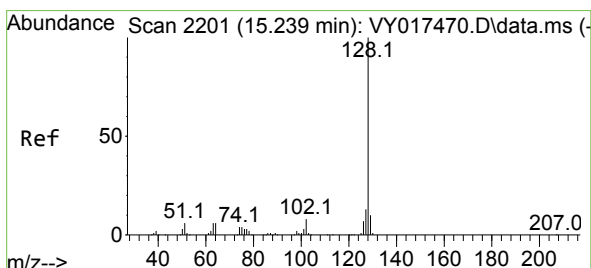
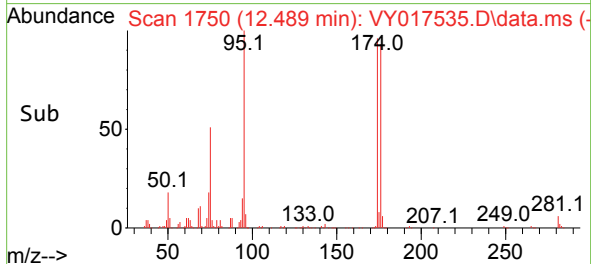
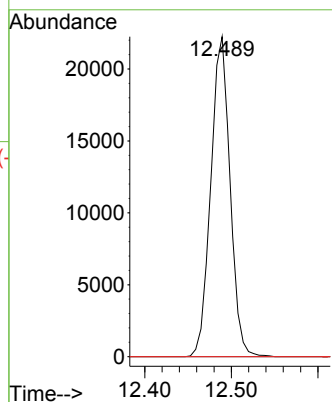
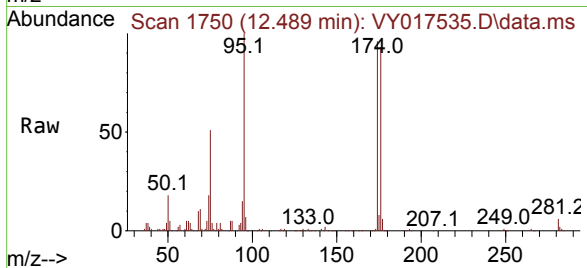




#81
trans-1,4-Dichloro-2-butene
Concen: 110.366 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017535.D
Acq: 29 Feb 2024 18:04

Instrument :
MSVOA_Y
ClientSampleId :
TP-7-VOC

Tgt Ion: 75 Resp: 34358
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 4.055 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY017535.D
Acq: 29 Feb 2024 18:04

Tgt Ion:128 Resp: 361
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

