

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010070.D
 Acq On : 17 Aug 2022 15:51
 Operator : KP/MD
 Sample : N4211-03
 Misc : 2.30g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-WC-1

Quant Time: Aug 18 08:20:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

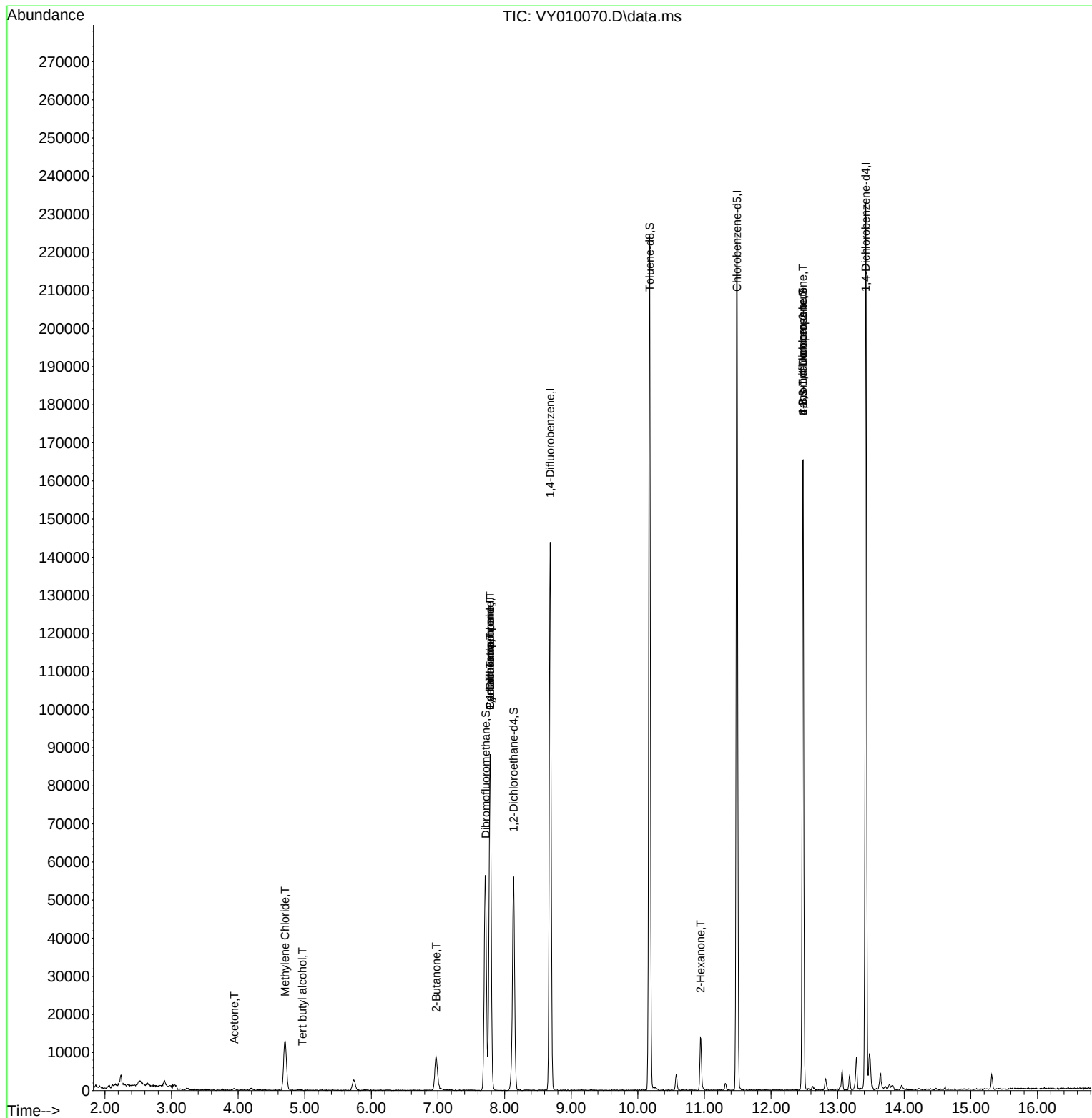
Internal Standards						
1) Pentafluorobenzene	7.783	168	71127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	127755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	126481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	42116	59.220	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.440%			
35) Dibromofluoromethane	7.716	113	38553	46.534	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.060%			
50) Toluene-d8	10.179	98	148750	48.529	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.060%			
62) 4-Bromofluorobenzene	12.477	95	50879	47.259	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.520%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	86	1.243	ug/l #	74
16) Acetone	3.942	43	929	6.099	ug/l	97
20) Methylene Chloride	4.704	84	10382	12.184	ug/l	97
25) 2-Butanone	6.972	43	538	2.582	ug/l #	48
31) Cyclohexane	7.783	56	1224	1.218	ug/l #	32
36) 1,1-Dichloropropene	7.783	75	4723	4.092	ug/l #	51
38) Carbon Tetrachloride	7.783	117	6700	4.720	ug/l #	14
59) 2-Hexanone	10.941	43	79	24.308	ug/l #	26
76) 1,2,3-Trichloropropane	12.477	75	25363	42.838	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	25363	96.810	ug/l #	12

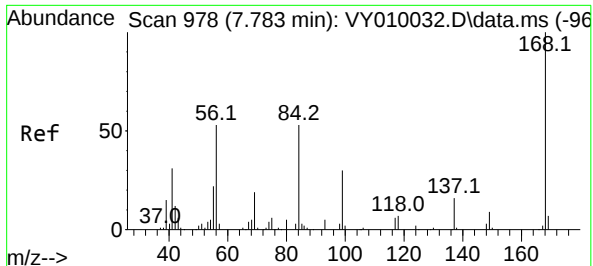
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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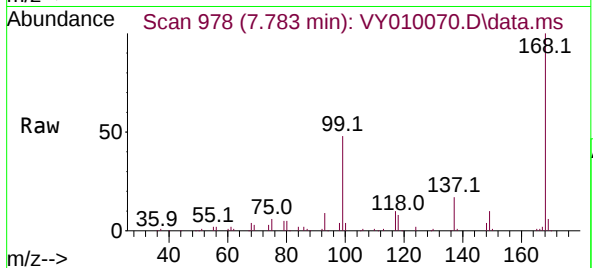
Quant Time: Aug 18 08:20:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 17 05:12:02 2022
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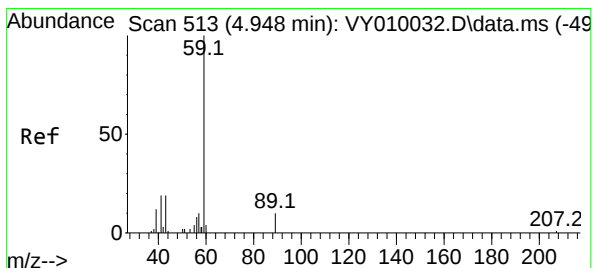
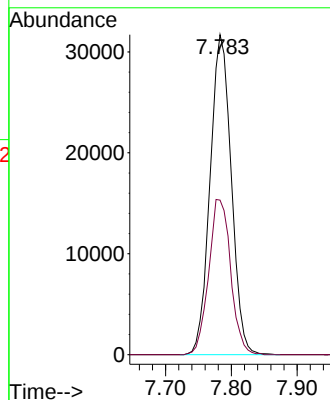
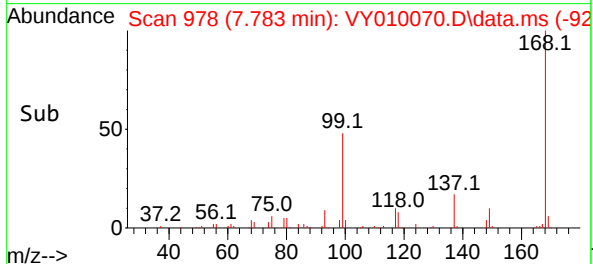


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010070.D
Acq: 17 Aug 2022 15:51

Instrument :
MSVOA_Y
ClientSampleId :
VOC-WC-1

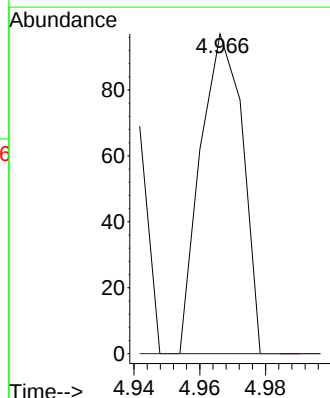
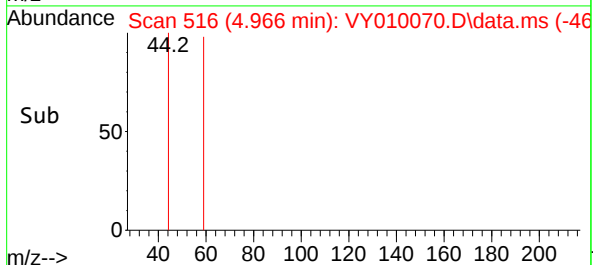
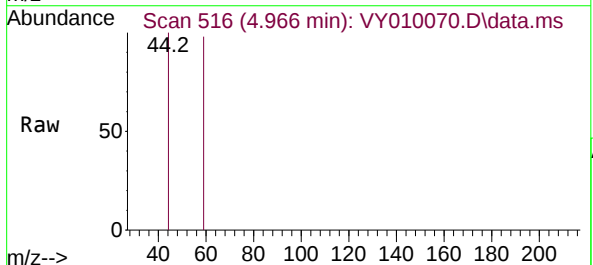


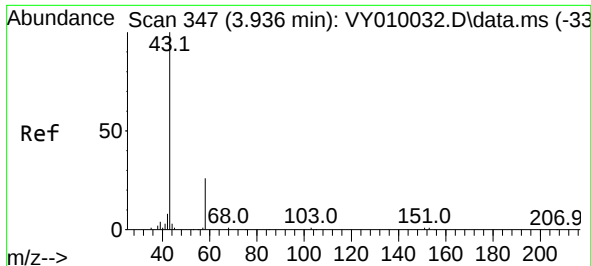
Tgt Ion:168 Resp: 71127
Ion Ratio Lower Upper
168 100
99 48.3 37.7 56.5



#11
Tert butyl alcohol
Concen: 1.243 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.018 min
Lab File: VY010070.D
Acq: 17 Aug 2022 15:51

Tgt Ion: 59 Resp: 86
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

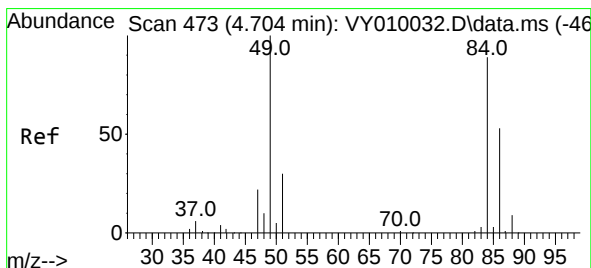
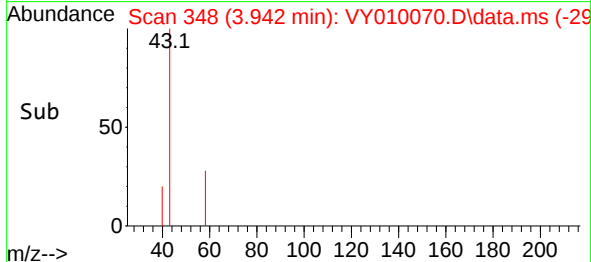
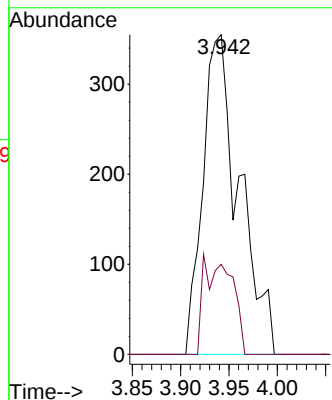
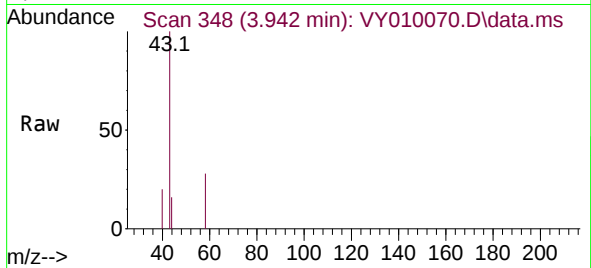




#16
Acetone
Concen: 6.099 ug/l
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY010070.D
Acq: 17 Aug 2022 15:51

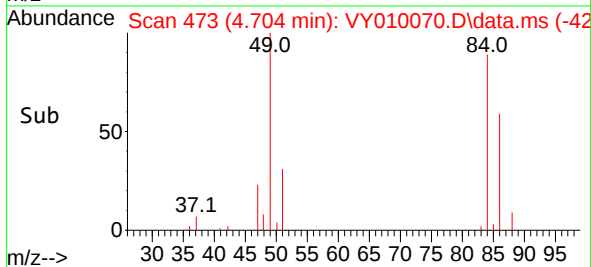
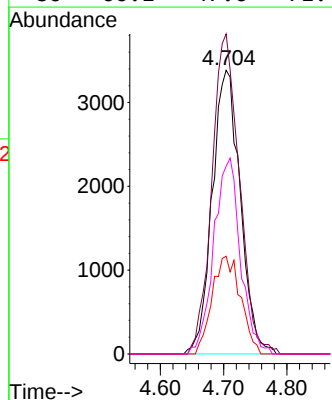
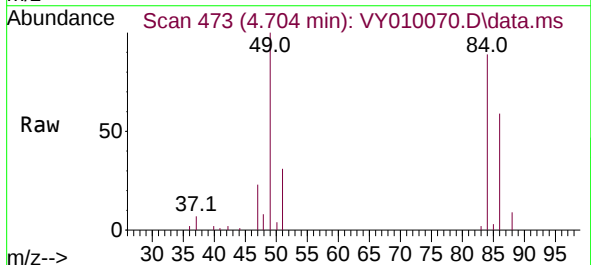
Instrument :
MSVOA_Y
ClientSampleId :
VOC-WC-1

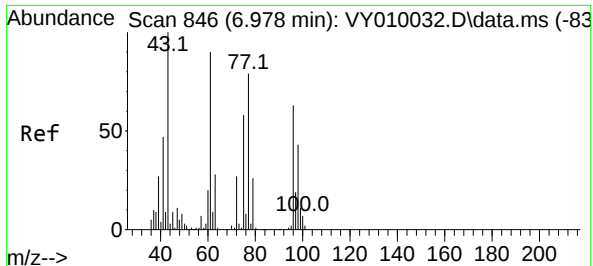
Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
58 28.2 21.4 32.0



#20
Methylene Chloride
Concen: 12.184 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.000 min
Lab File: VY010070.D
Acq: 17 Aug 2022 15:51

Tgt Ion: 84 Resp: 10382
Ion Ratio Lower Upper
84 100
49 112.8 89.5 134.3
51 34.5 26.8 40.2
86 66.1 47.6 71.4





#25

2-Butanone

Concen: 2.582 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY010070.D

Acq: 17 Aug 2022 15:51

Instrument :

MSVOA_Y

ClientSampleId :

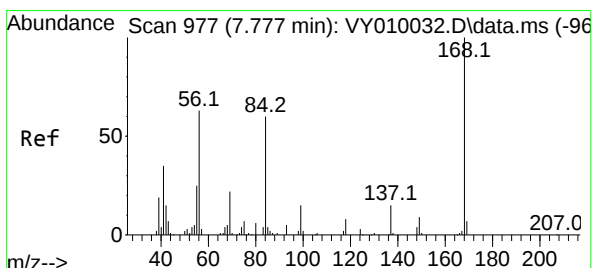
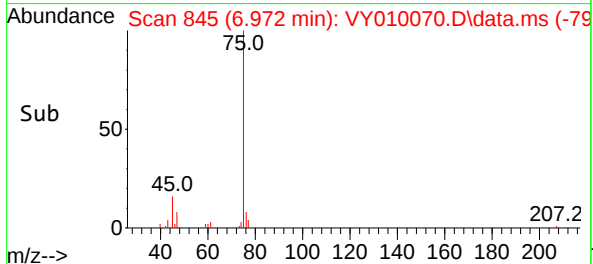
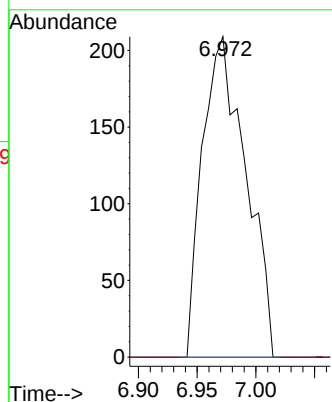
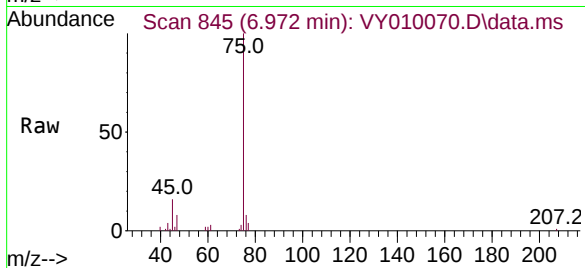
VOC-WC-1

Tgt Ion: 43 Resp: 538

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#31

Cyclohexane

Concen: 1.218 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.006 min

Lab File: VY010070.D

Acq: 17 Aug 2022 15:51

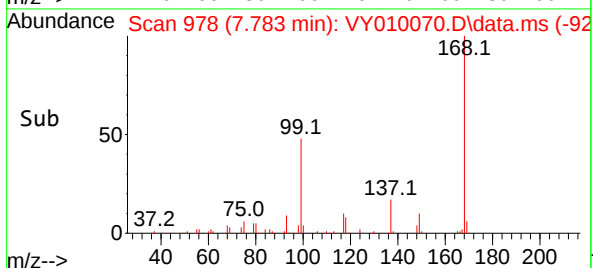
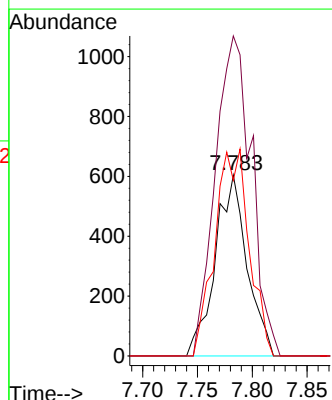
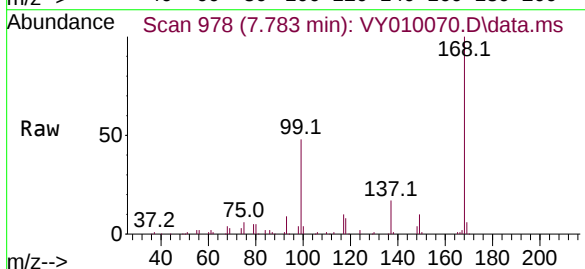
Tgt Ion: 56 Resp: 1224

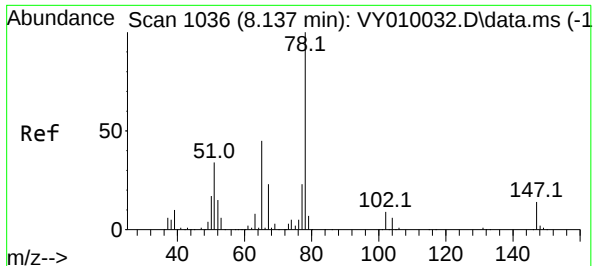
Ion Ratio Lower Upper

56 100

69 177.0 28.6 43.0#

84 97.2 76.0 114.0





#33

1,2-Dichloroethane-d4

Concen: 59.220 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010070.D

Acq: 17 Aug 2022 15:51

Instrument :

MSVOA_Y

ClientSampleId :

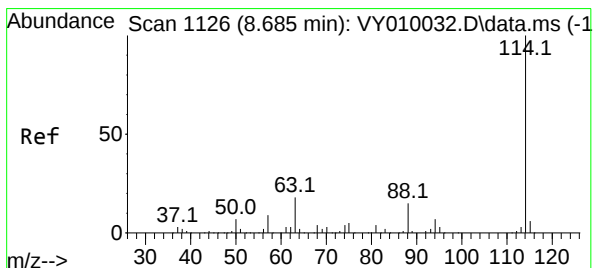
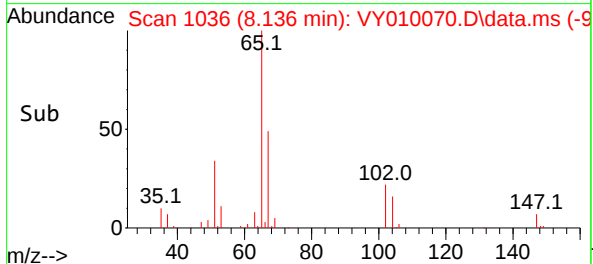
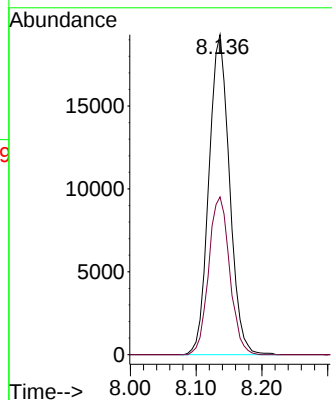
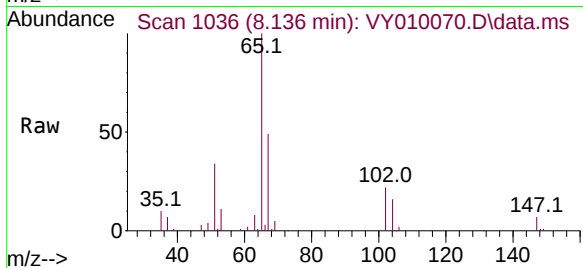
VOC-WC-1

Tgt Ion: 65 Resp: 42116

Ion Ratio Lower Upper

65 100

67 50.2 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010070.D

Acq: 17 Aug 2022 15:51

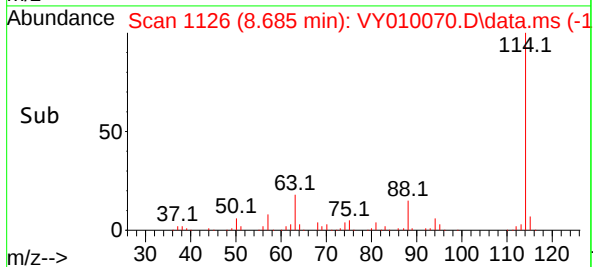
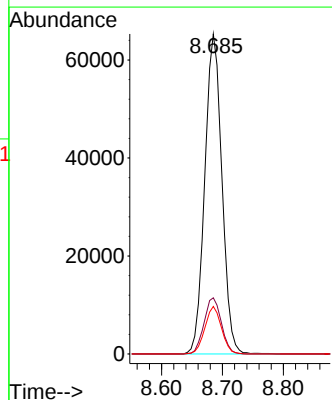
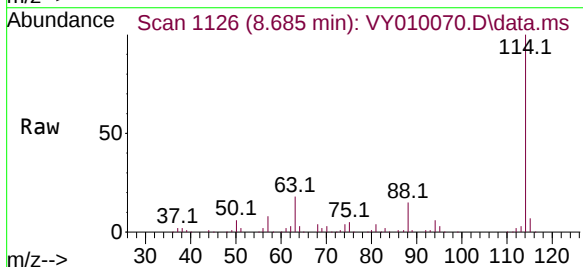
Tgt Ion: 114 Resp: 127755

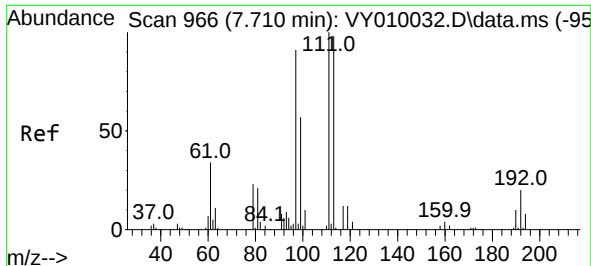
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.2

88 14.8 0.0 30.2

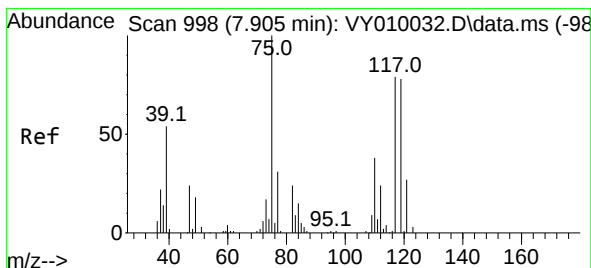
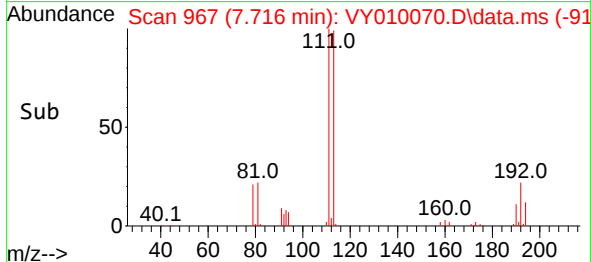
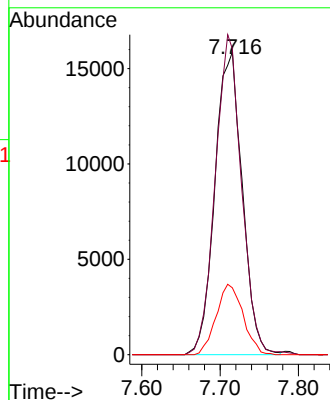
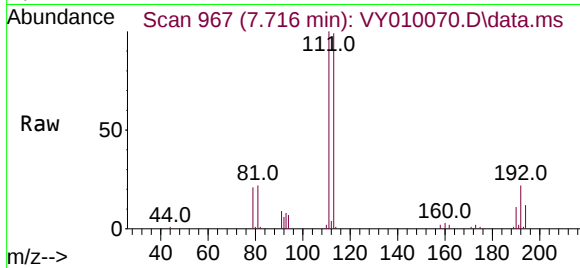




#35
Dibromofluoromethane
Concen: 46.534 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY010070.D
Acq: 17 Aug 2022 15:51

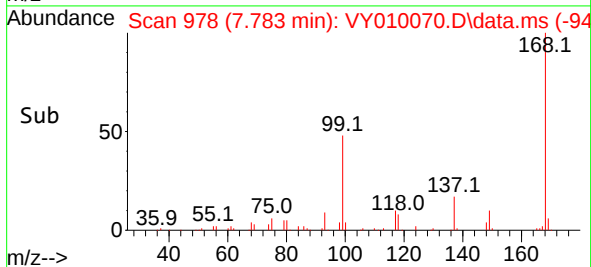
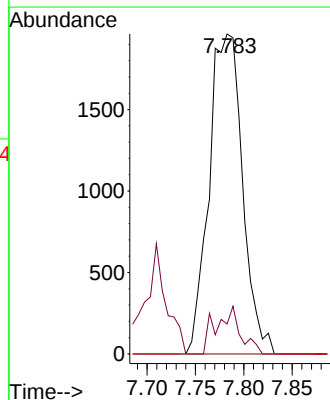
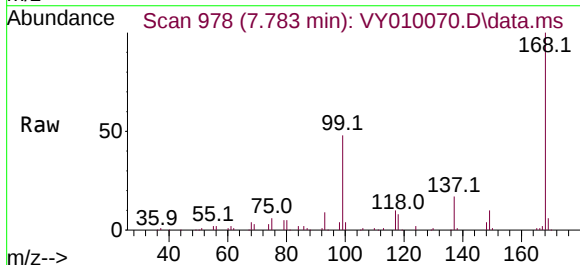
Instrument :
MSVOA_Y
ClientSampleId :
VOC-WC-1

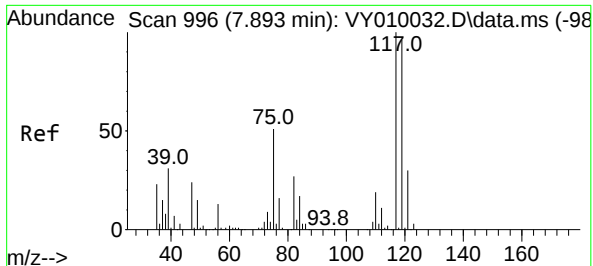
Tgt Ion:113 Resp: 38553
Ion Ratio Lower Upper
113 100
111 101.5 82.7 124.1
192 22.8 17.2 25.8



#36
1,1-Dichloropropene
Concen: 4.092 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY010070.D
Acq: 17 Aug 2022 15:51

Tgt Ion: 75 Resp: 4723
Ion Ratio Lower Upper
75 100
110 10.8 18.4 55.4#
77 0.0 24.6 36.8#

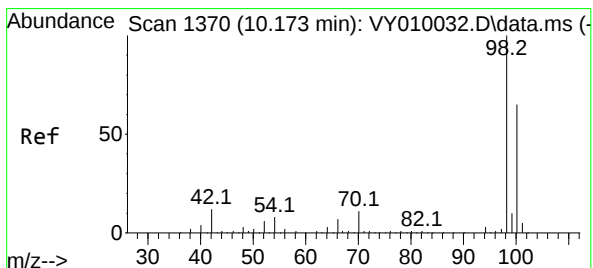
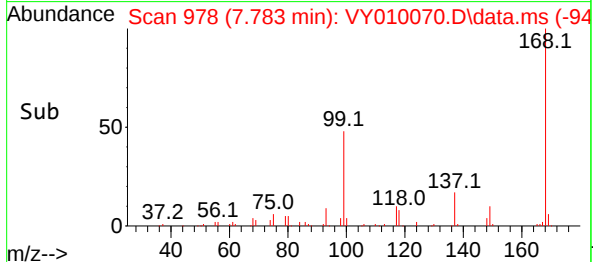
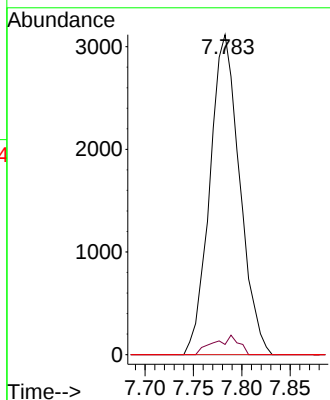
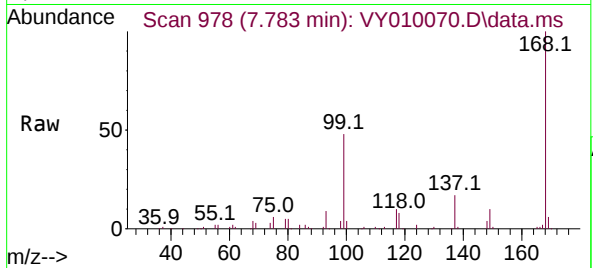




#38
Carbon Tetrachloride
Concen: 4.720 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010070.D
Acq: 17 Aug 2022 15:51

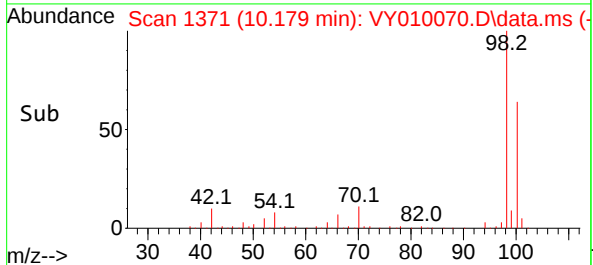
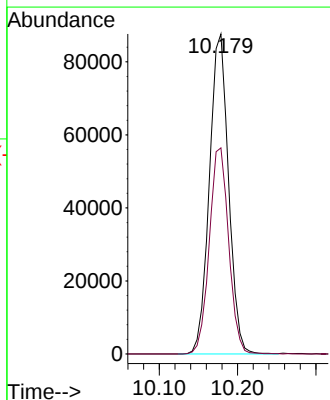
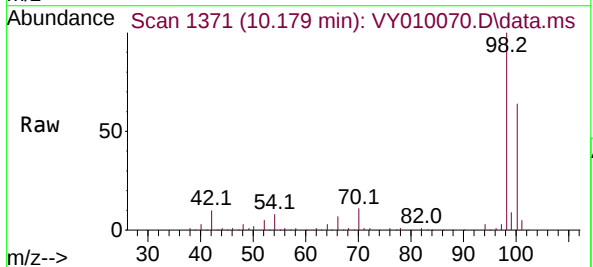
Instrument :
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VOC-WC-1

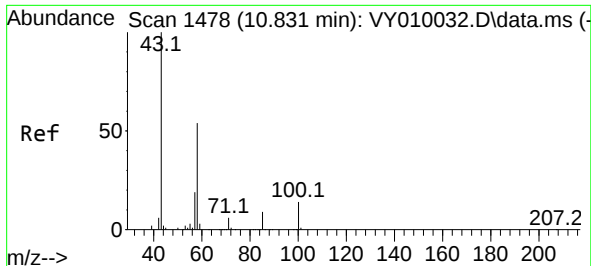
Tgt Ion:117 Resp: 6700
Ion Ratio Lower Upper
117 100
119 3.2 77.0 115.6#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 48.529 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010070.D
Acq: 17 Aug 2022 15:51

Tgt Ion: 98 Resp: 148750
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1

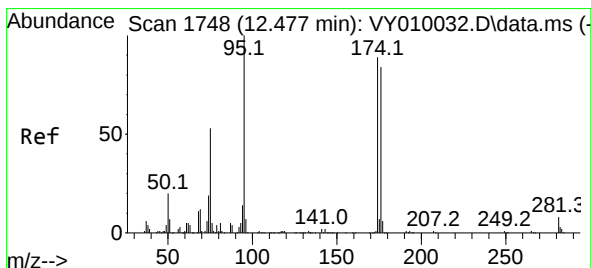
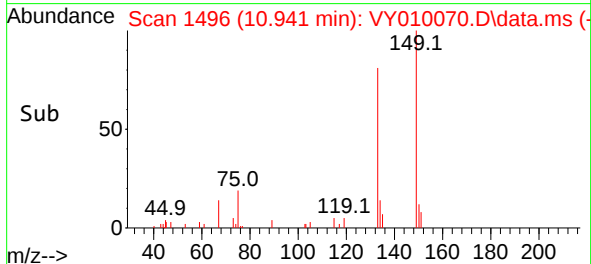
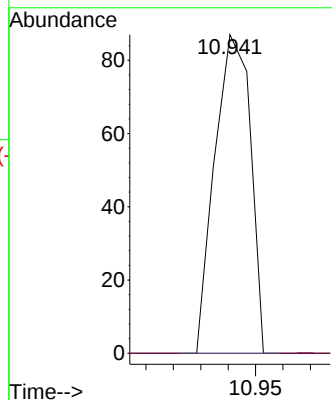
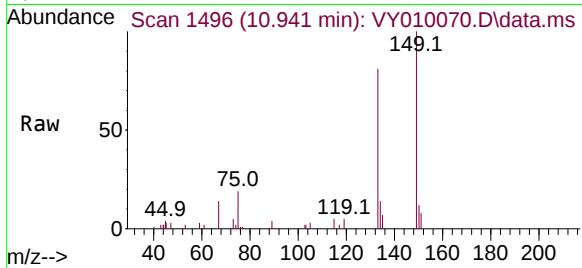




#59
2-Hexanone
Concen: 24.308 ug/l
RT: 10.941 min Scan# 1478
Delta R.T. 0.110 min
Lab File: VY010070.D
Acq: 17 Aug 2022 15:51

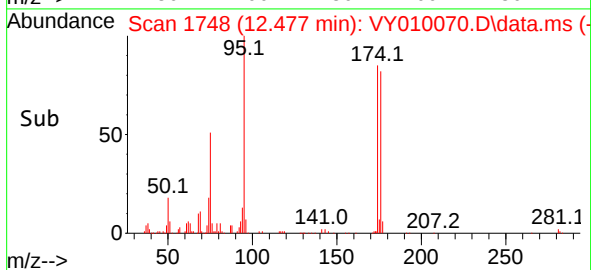
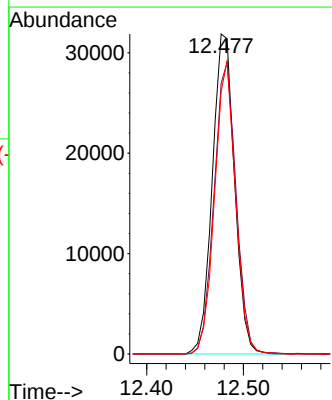
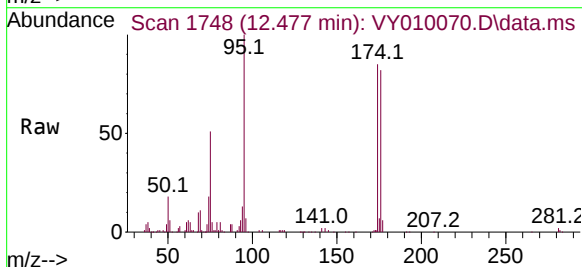
Instrument :
MSVOA_Y
ClientSampleId :
VOC-WC-1

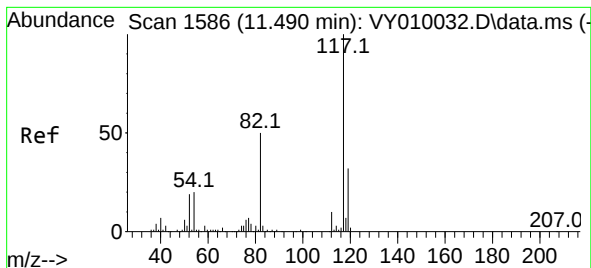
Tgt Ion: 43 Resp: 79
Ion Ratio Lower Upper
43 100
58 0.0 26.3 78.9#



#62
4-Bromofluorobenzene
Concen: 47.259 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010070.D
Acq: 17 Aug 2022 15:51

Tgt Ion: 95 Resp: 50879
Ion Ratio Lower Upper
95 100
174 90.3 0.0 184.2
176 86.1 0.0 178.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010070.D

Acq: 17 Aug 2022 15:51

Instrument :

MSVOA_Y

ClientSampleId :

VOC-WC-1

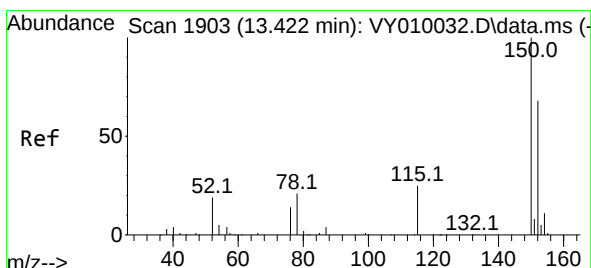
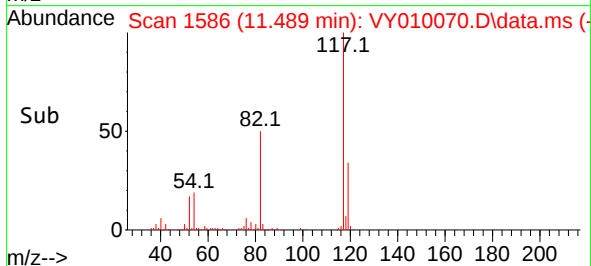
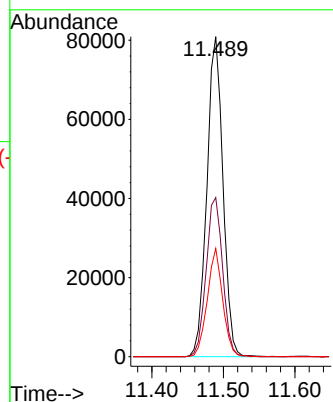
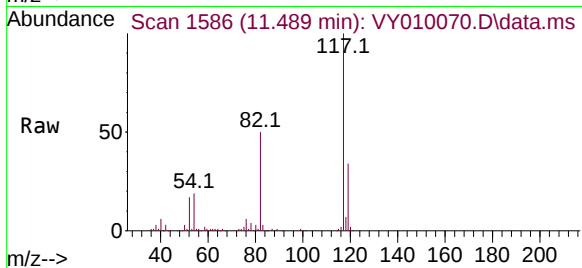
Tgt Ion:117 Resp: 126481

Ion Ratio Lower Upper

117 100

82 49.7 39.8 59.6

119 33.8 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY010070.D

Acq: 17 Aug 2022 15:51

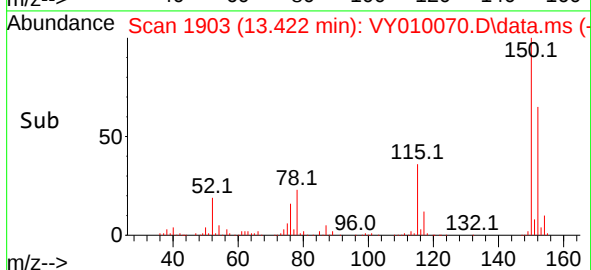
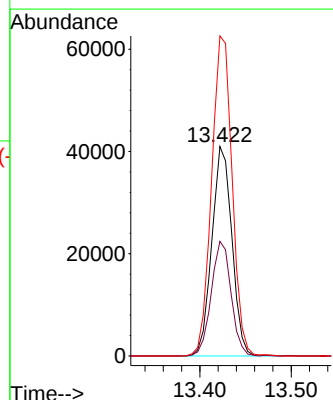
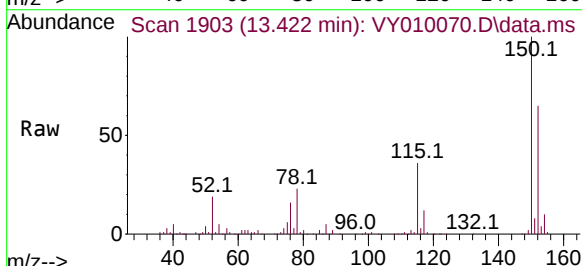
Tgt Ion:152 Resp: 62461

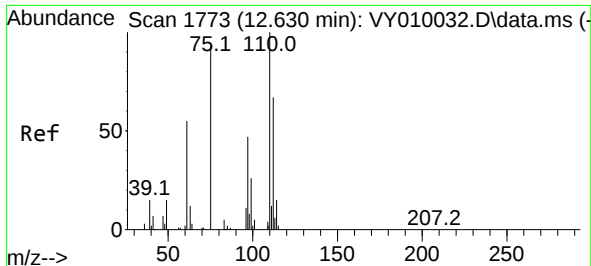
Ion Ratio Lower Upper

152 100

115 54.1 28.1 84.3

150 156.3 0.0 346.6

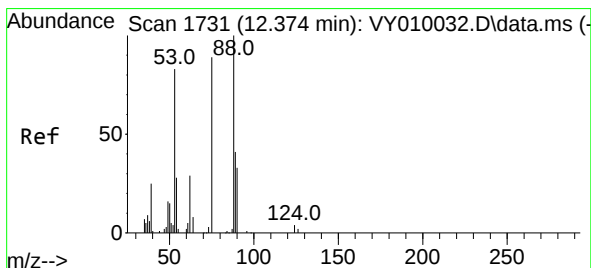
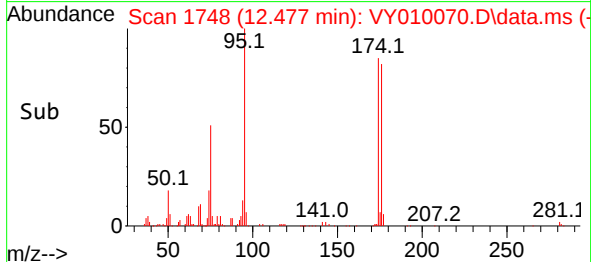
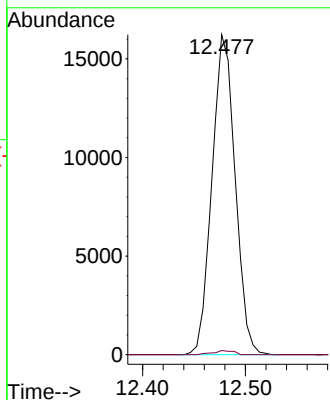
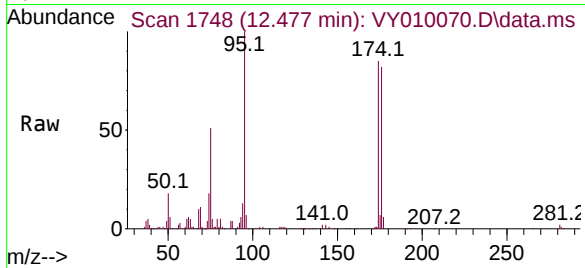




#76
1,2,3-Trichloropropane
Concen: 42.838 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010070.D
Acq: 17 Aug 2022 15:51

Instrument :
MSVOA_Y
ClientSampleId :
VOC-WC-1

Tgt Ion: 75 Resp: 25363
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.810 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY010070.D
Acq: 17 Aug 2022 15:51

Tgt Ion: 75 Resp: 25363
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.0 37.8 56.6#

