

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040622\
 Data File : VY008231.D
 Acq On : 06 Apr 2022 13:45
 Operator : SY/MD
 Sample : N2276-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Apr 07 02:11:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

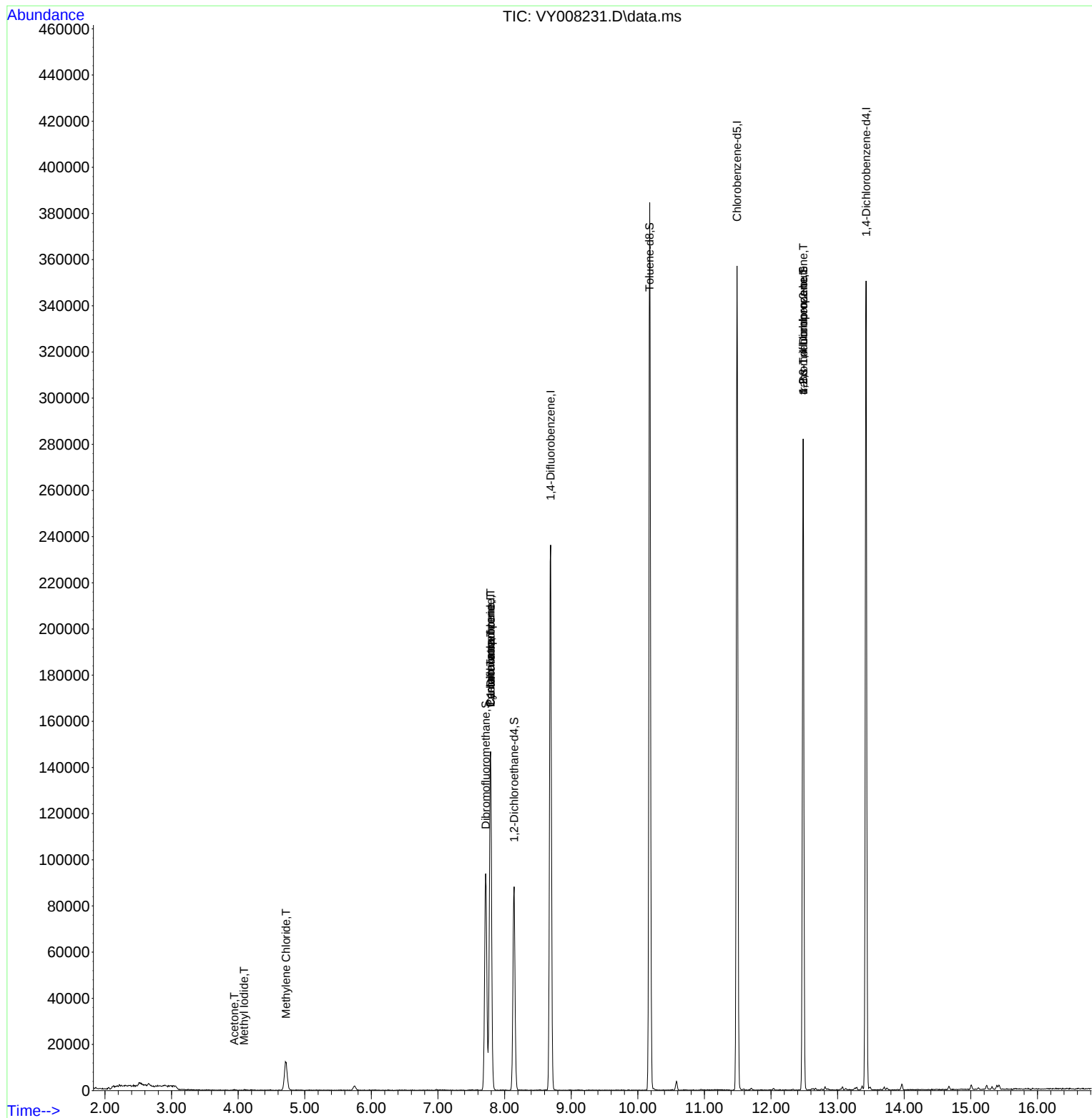
Internal Standards						
1) Pentafluorobenzene	7.789	168	118110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	213519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	201700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	65770	55.502	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	111.000%	
35) Dibromofluoromethane	7.716	113	66723	49.841	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	99.680%	
50) Toluene-d8	10.179	98	257841	51.122	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	102.240%	
62) 4-Bromofluorobenzene	12.483	95	85122	47.838	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	95.680%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.088	142	353	1.913	ug/l #	43
16) Acetone	3.942	43	485	1.791	ug/l #	70
18) Methyl Acetate	4.485	43	252	Below Cal	#	75
20) Methylene Chloride	4.716	84	10063	2.869	ug/l #	74
31) Cyclohexane	7.789	56	2399	1.083	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9132	4.343	ug/l #	50
38) Carbon Tetrachloride	7.789	117	11772	5.137	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	44354	40.945	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44354	91.354	ug/l #	7

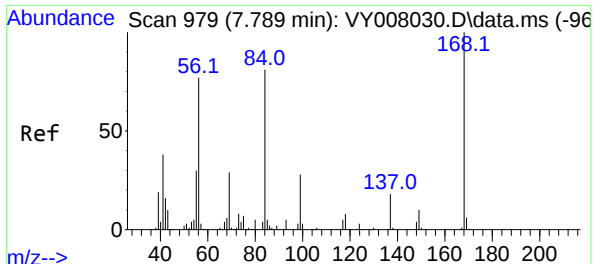
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040622\
Data File : VY008231.D
Acq On : 06 Apr 2022 13:45
Operator : SY/MD
Sample : N2276-02
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Quant Time: Apr 07 02:11:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration

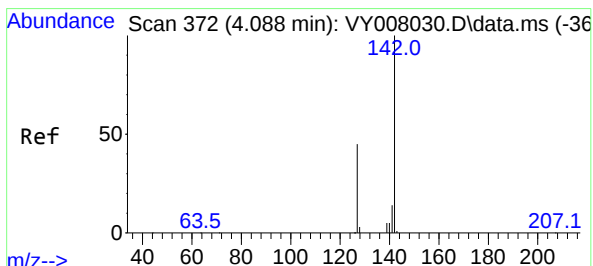
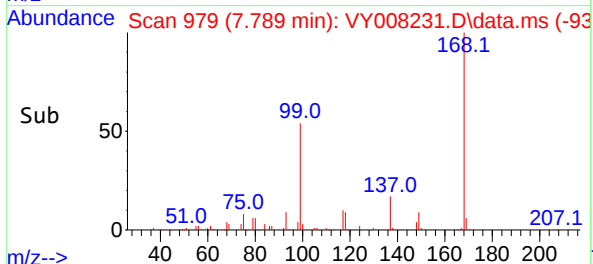
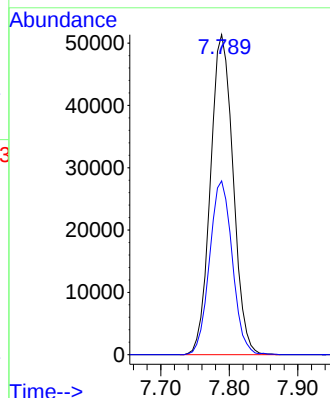
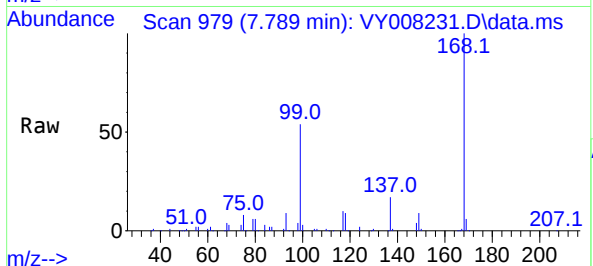




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008231.D
Acq: 06 Apr 2022 13:45

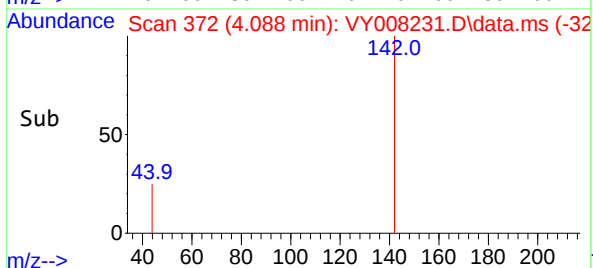
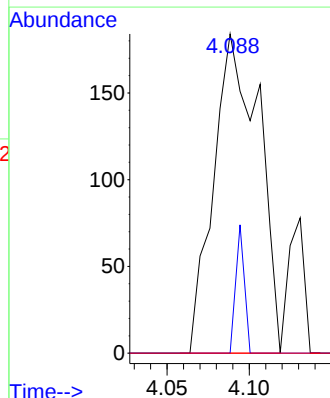
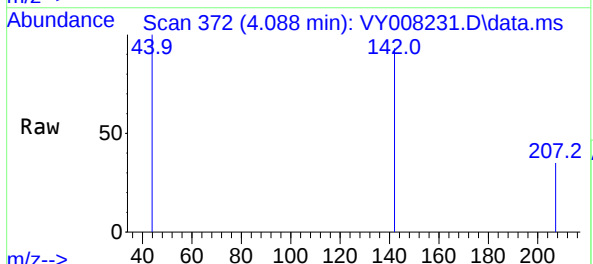
Instrument :
MSVOA_Y
ClientSampleId :
VOC

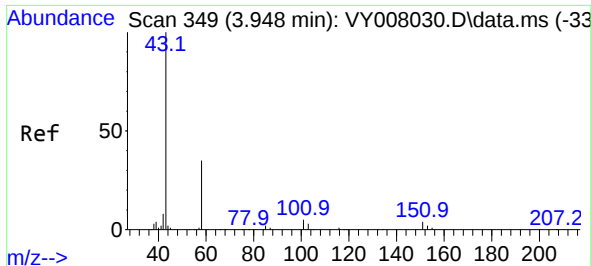
Tgt Ion:168 Resp: 118110
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#10
Methyl Iodide
Concen: 1.913 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008231.D
Acq: 06 Apr 2022 13:45

Tgt Ion:142 Resp: 353
Ion Ratio Lower Upper
142 100
127 7.6 41.5 62.3#
141 0.0 11.9 17.9#

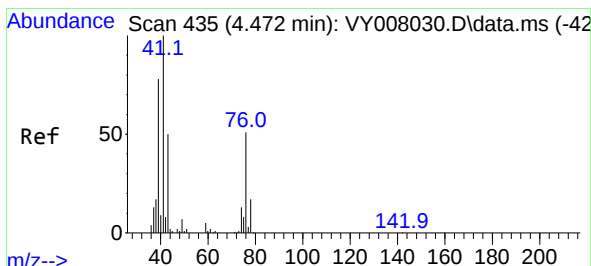
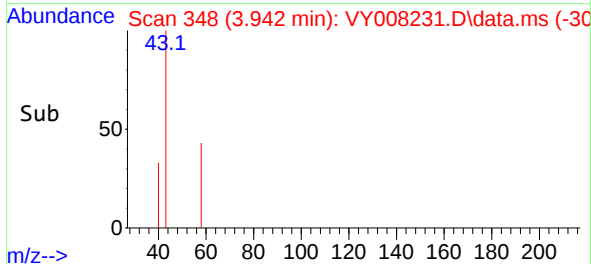
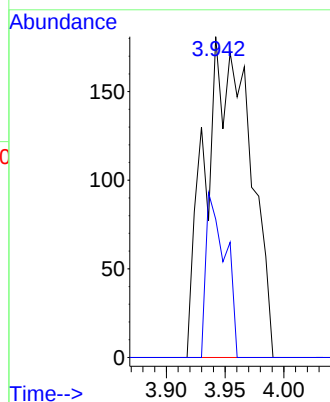
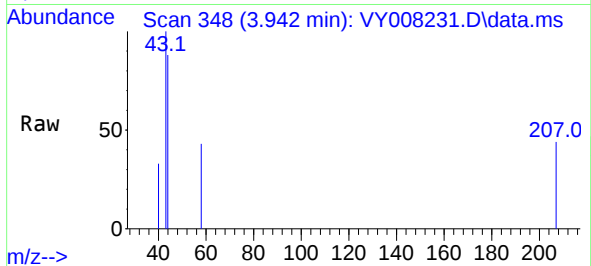




#16
Acetone
Concen: 1.791 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY008231.D
Acq: 06 Apr 2022 13:45

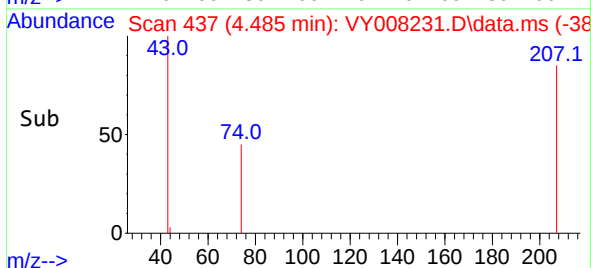
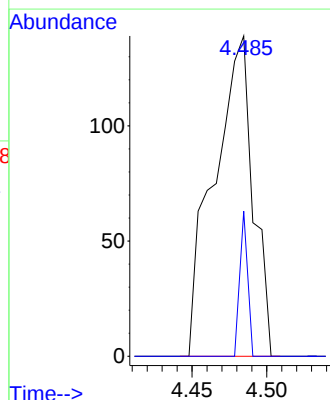
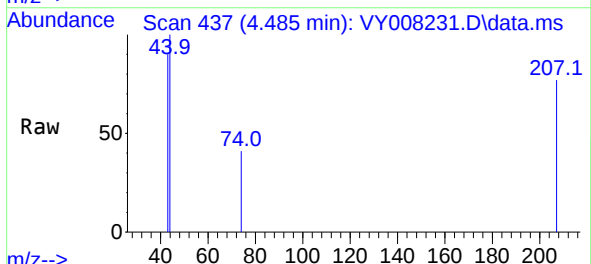
Instrument :
MSVOA_Y
ClientSampleId :
VOC

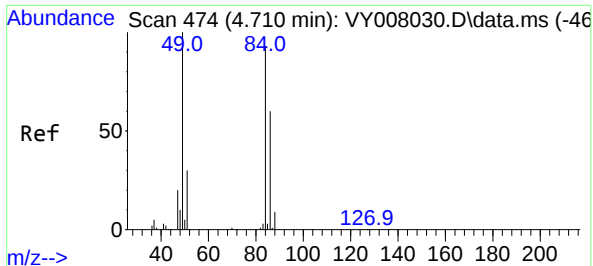
Tgt Ion: 43 Resp: 485
Ion Ratio Lower Upper
43 100
58 43.1 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. 0.013 min
Lab File: VY008231.D
Acq: 06 Apr 2022 13:45

Tgt Ion: 43 Resp: 252
Ion Ratio Lower Upper
43 100
74 9.1 16.6 24.8#

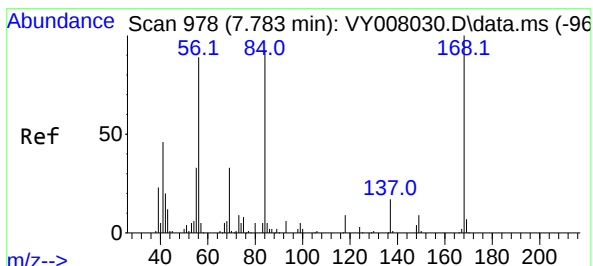
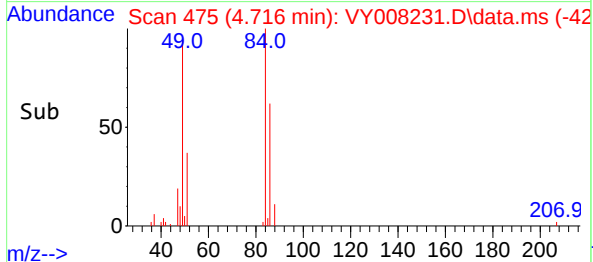
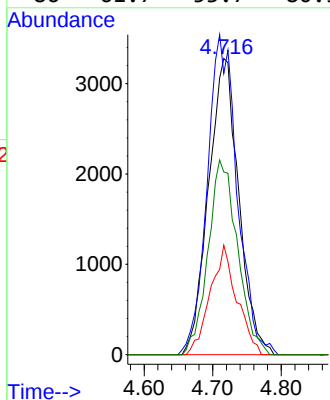
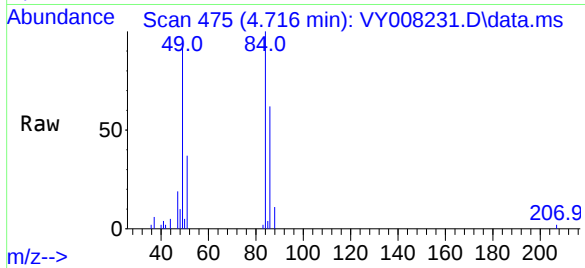




#20
Methylene Chloride
Concen: 2.869 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008231.D
Acq: 06 Apr 2022 13:45

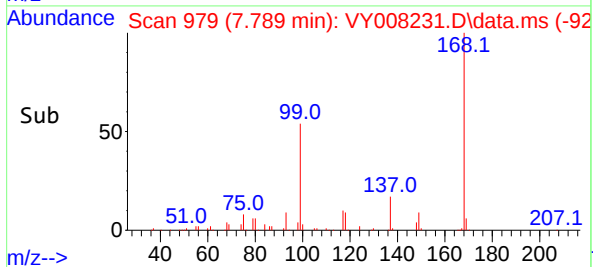
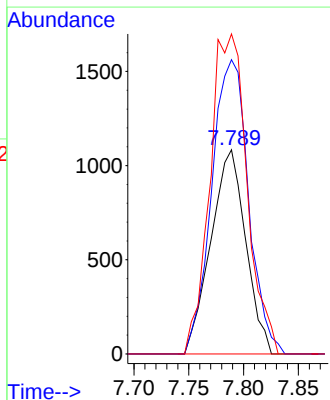
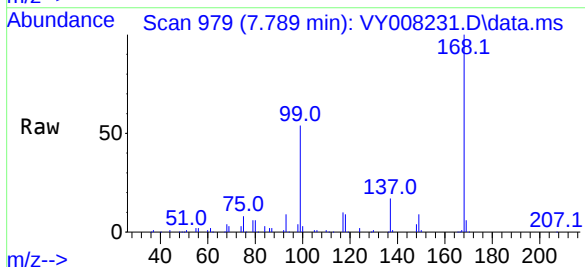
Instrument :
MSVOA_Y
ClientSampleId :
VOC

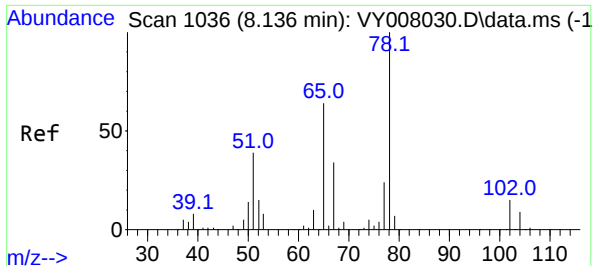
Tgt Ion: 84 Resp: 10063
Ion Ratio Lower Upper
84 100
49 95.0 114.4 171.6#
51 37.0 35.3 52.9
86 61.7 53.7 80.5



#31
Cyclohexane
Concen: 1.083 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY008231.D
Acq: 06 Apr 2022 13:45

Tgt Ion: 56 Resp: 2399
Ion Ratio Lower Upper
56 100
69 144.1 26.7 40.1#
84 156.7 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 55.502 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY008231.D

Acq: 06 Apr 2022 13:45

Instrument :

MSVOA_Y

ClientSampleId :

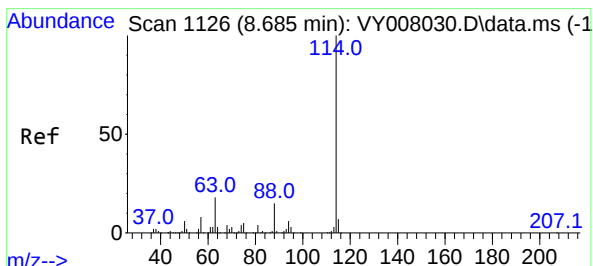
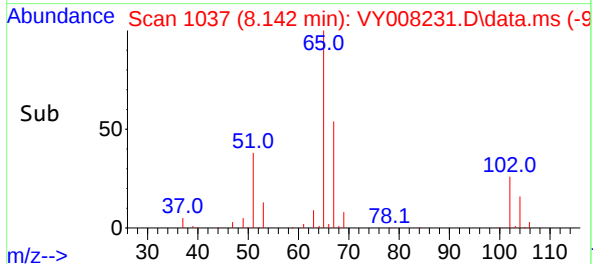
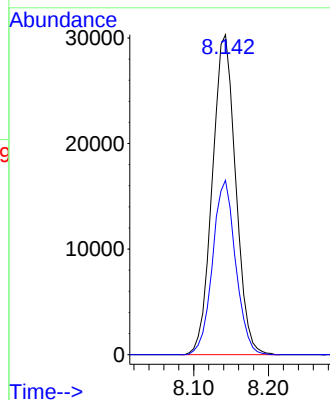
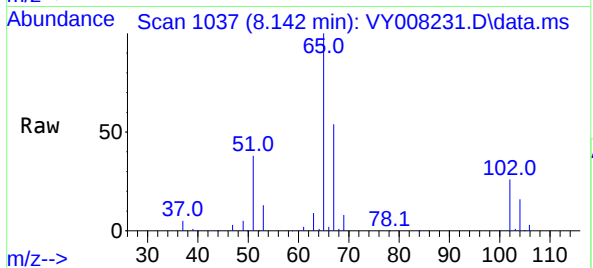
VOC

Tgt Ion: 65 Resp: 65770

Ion Ratio Lower Upper

65 100

67 53.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008231.D

Acq: 06 Apr 2022 13:45

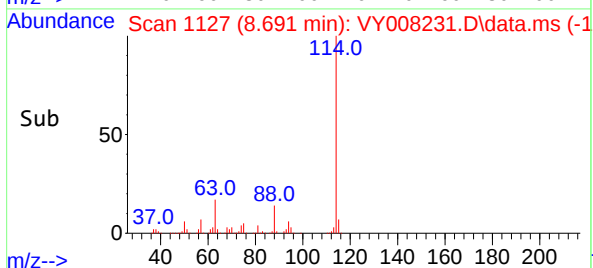
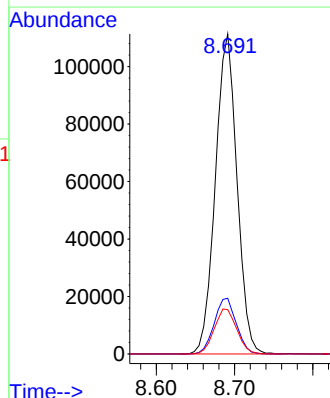
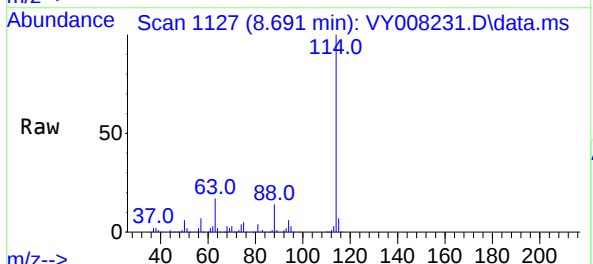
Tgt Ion: 114 Resp: 213519

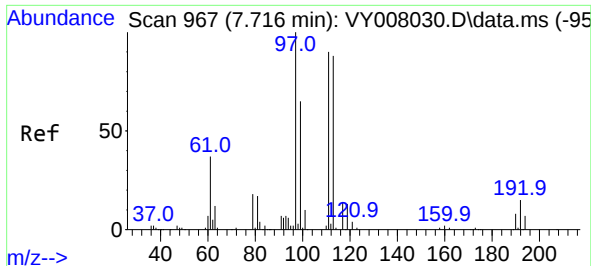
Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 13.9 0.0 31.8

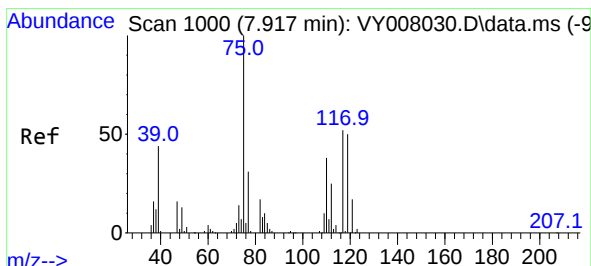
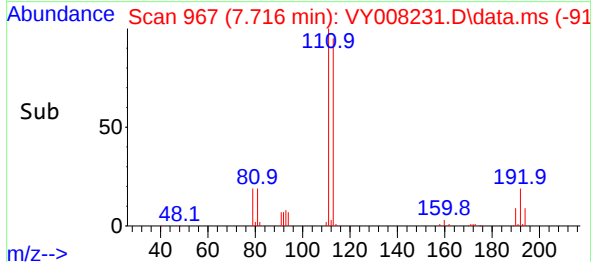
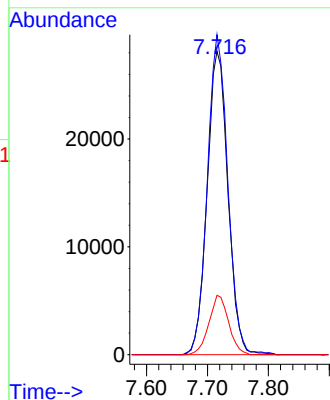
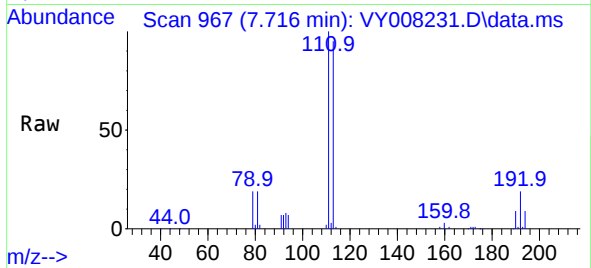




#35
Dibromofluoromethane
Concen: 49.841 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008231.D
Acq: 06 Apr 2022 13:45

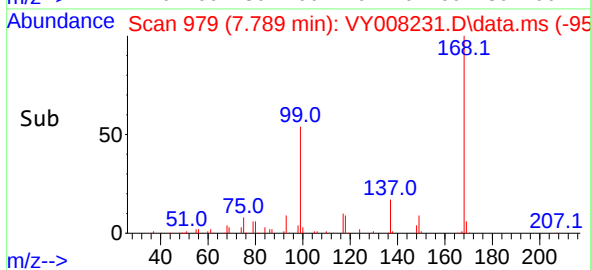
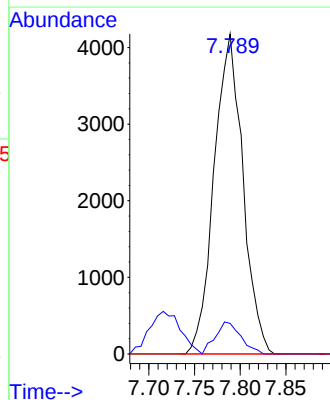
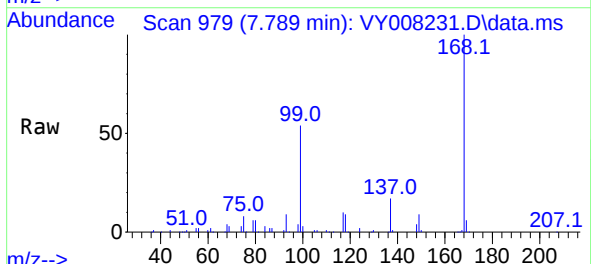
Instrument :
MSVOA_Y
ClientSampleId :
VOC

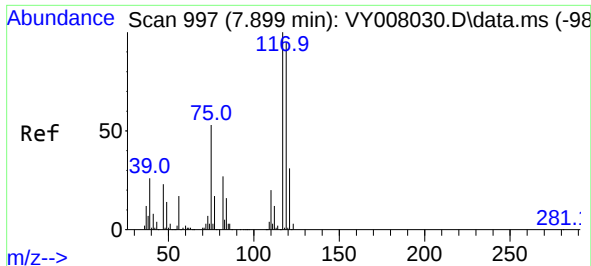
Tgt Ion:113 Resp: 66723
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 18.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.343 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008231.D
Acq: 06 Apr 2022 13:45

Tgt Ion: 75 Resp: 9132
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#

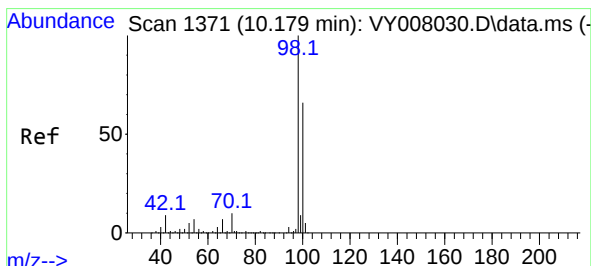
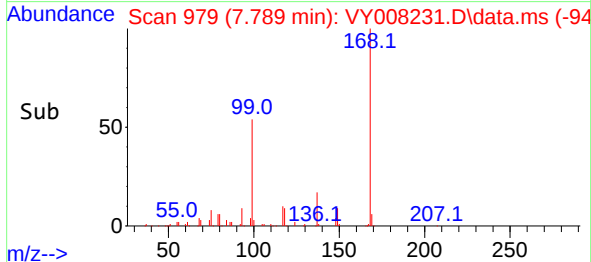
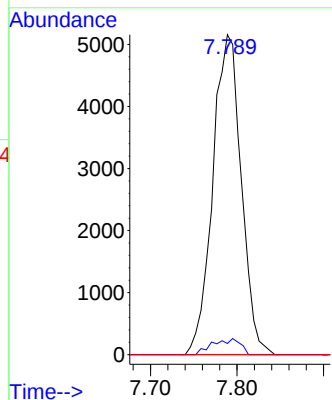
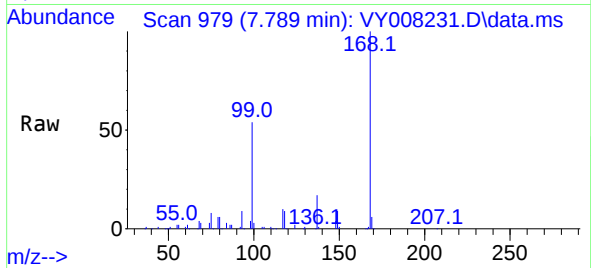




#38
Carbon Tetrachloride
Concen: 5.137 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008231.D
Acq: 06 Apr 2022 13:45

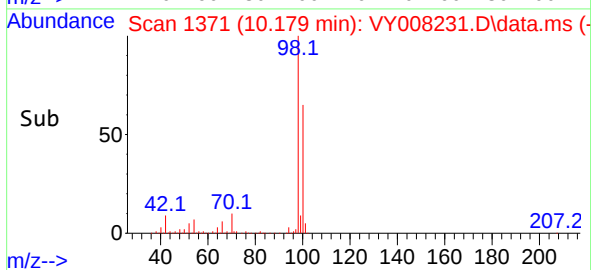
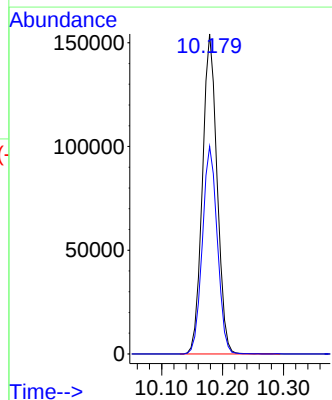
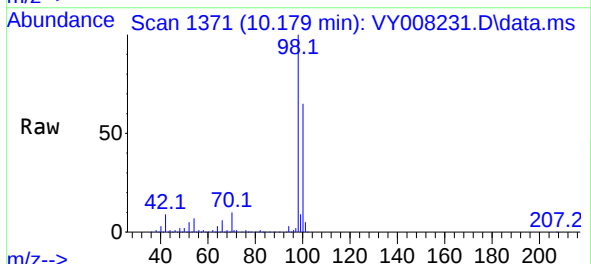
Instrument :
MSVOA_Y
ClientSampleId :
VOC

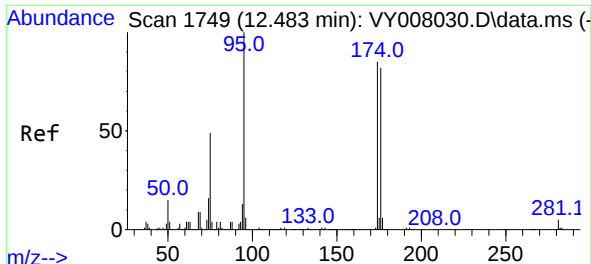
Tgt Ion:117 Resp: 11772
Ion Ratio Lower Upper
117 100
119 3.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.122 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008231.D
Acq: 06 Apr 2022 13:45

Tgt Ion: 98 Resp: 257841
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2

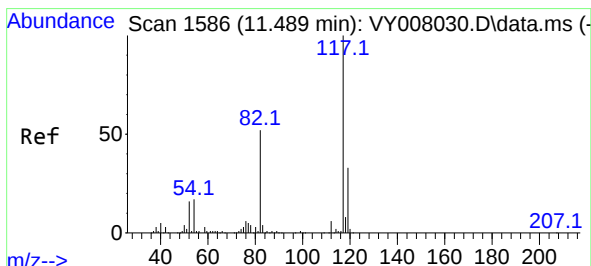
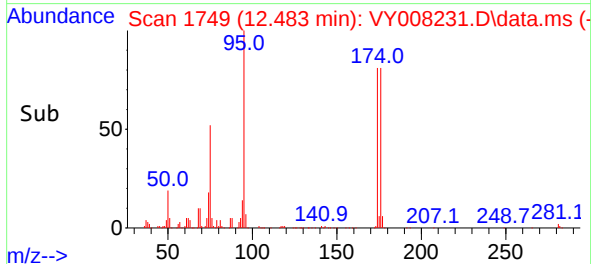
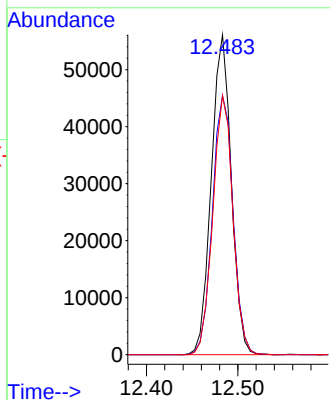
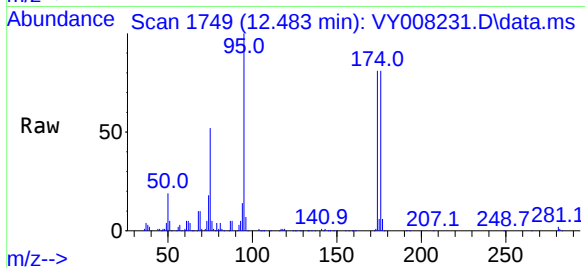




#62
4-Bromofluorobenzene
Concen: 47.838 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008231.D
Acq: 06 Apr 2022 13:45

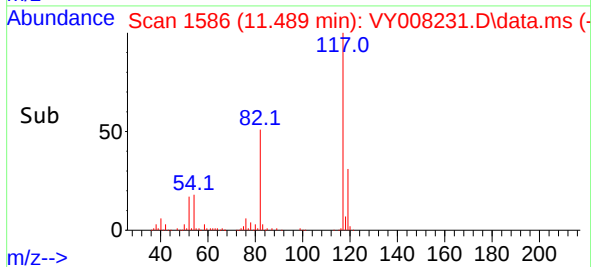
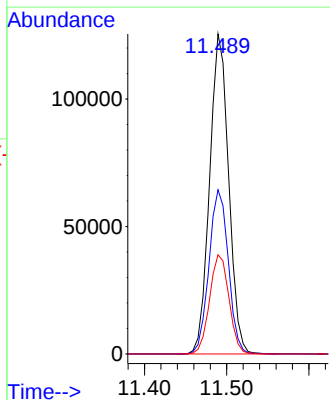
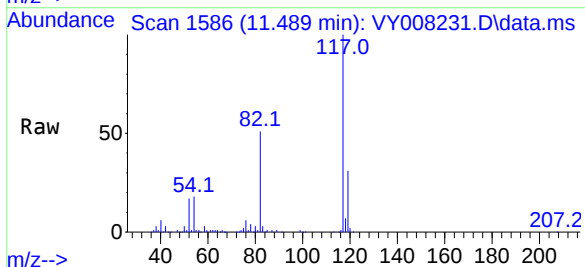
Instrument :
MSVOA_Y
ClientSampleId :
VOC

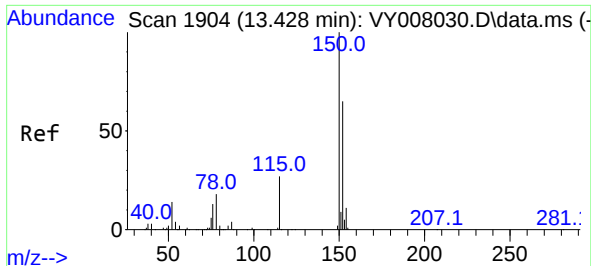
Tgt Ion: 95 Resp: 85122
Ion Ratio Lower Upper
95 100
174 83.9 0.0 177.0
176 81.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008231.D
Acq: 06 Apr 2022 13:45

Tgt Ion: 117 Resp: 201700
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 31.0 25.4 38.0

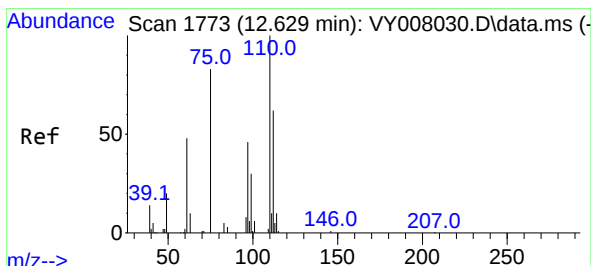
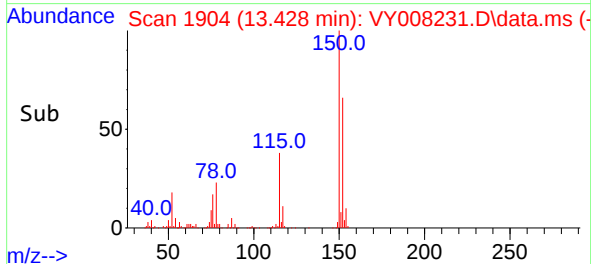
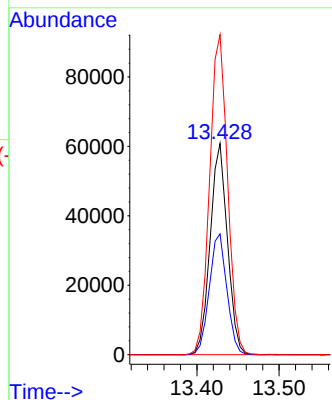
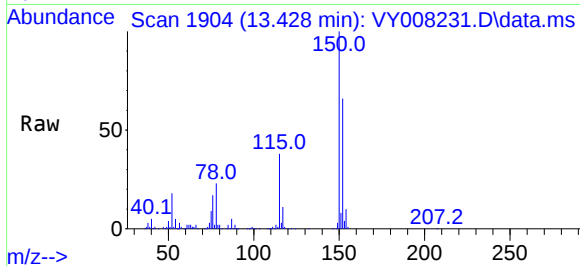




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008231.D
 Acq: 06 Apr 2022 13:45

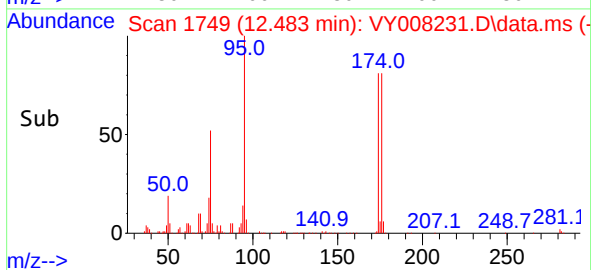
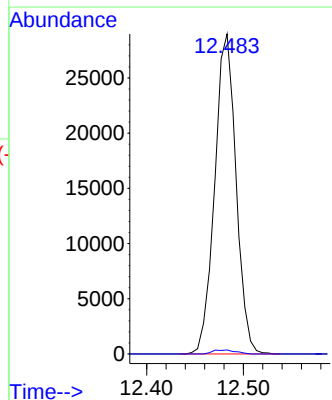
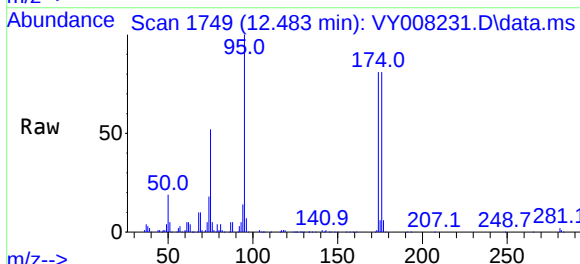
Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

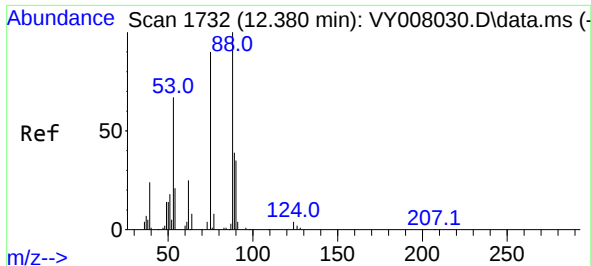
Tgt Ion:152 Resp: 88865
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.2 84.7
 150 156.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 40.945 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008231.D
 Acq: 06 Apr 2022 13:45

Tgt Ion: 75 Resp: 44354
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.354 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008231.D
 Acq: 06 Apr 2022 13:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Tgt Ion: 75 Resp: 44354
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

