

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120122\
 Data File : VY011658.D
 Acq On : 01 Dec 2022 13:29
 Operator : KP/MD
 Sample : N5807-08
 Misc : 2.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-1

Quant Time: Dec 02 03:20:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

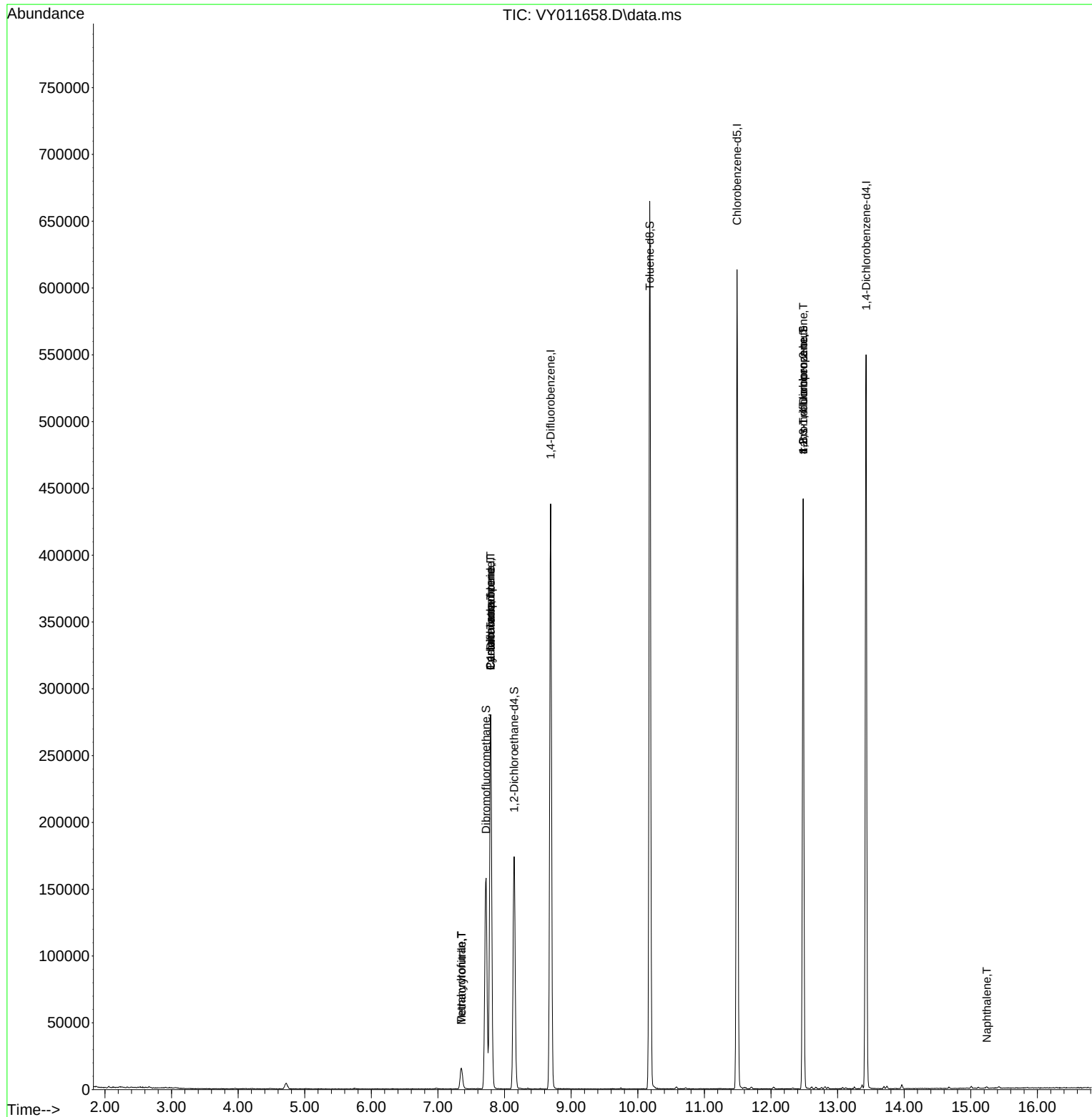
Internal Standards						
1) Pentafluorobenzene	7.789	168	212443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	364301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	325003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	137005	63.512	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.020%	
35) Dibromofluoromethane	7.722	113	111770	49.839	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.680%	
50) Toluene-d8	10.179	98	433170	53.153	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.300%	
62) 4-Bromofluorobenzene	12.483	95	131019	43.483	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.960%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	67	Below Cal	#	43
3) Chloromethane	2.119	50	265	Below Cal	#	44
5) Bromomethane	2.662	94	189	Below Cal	#	37
18) Methyl Acetate	4.479	43	861	Below Cal	#	74
20) Methylene Chloride	4.716	84	3025	Below Cal	#	71
29) Tetrahydrofuran	7.350	42	12855	24.720	ug/l	92
31) Cyclohexane	7.789	56	4479	1.253	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	16356	4.666	ug/l #	51
38) Carbon Tetrachloride	7.789	117	21548	5.494	ug/l #	14
41) Methacrylonitrile	7.356	41	7619	7.549	ug/l #	38
76) 1,2,3-Trichloropropane	12.483	75	69789	46.377	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	69789	101.581	ug/l #	7
95) Naphthalene	15.239	128	1386	4.278	ug/l #	95

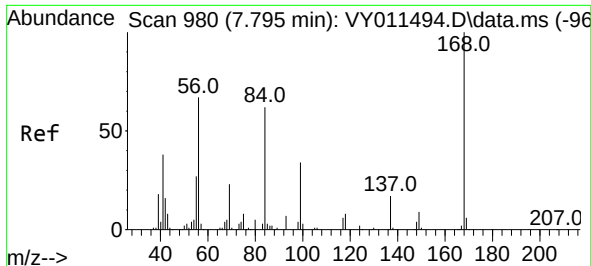
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120122\
Data File : VY011658.D
Acq On : 01 Dec 2022 13:29
Operator : KP/MD
Sample : N5807-08
Misc : 2.45g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1

Quant Time: Dec 02 03:20:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration

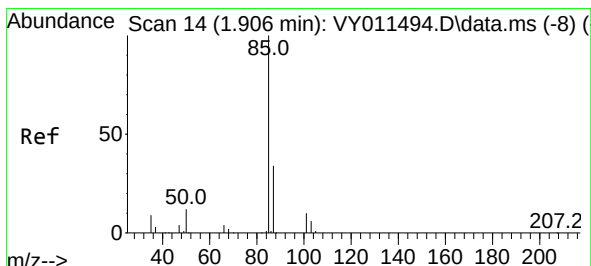
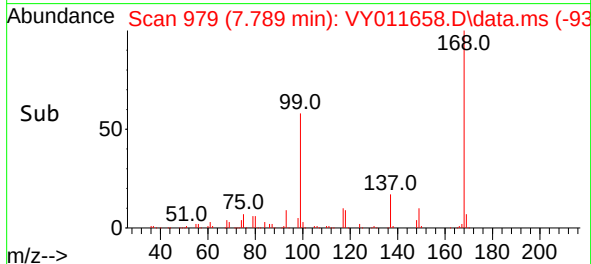
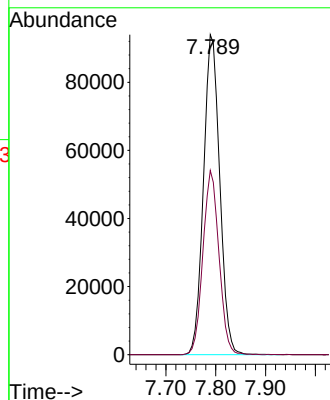
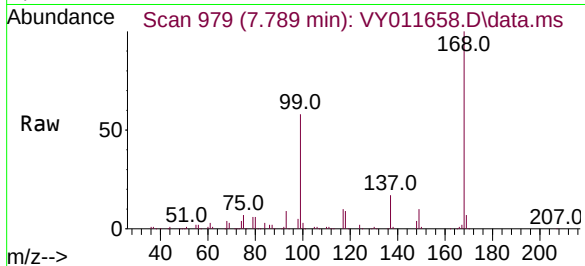




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011658.D
Acq: 01 Dec 2022 13:29

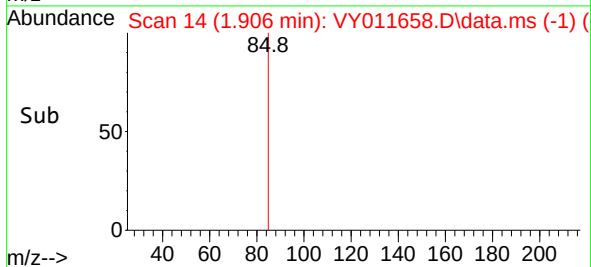
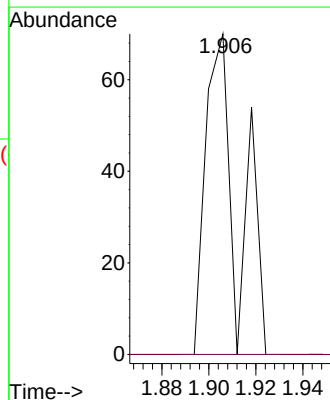
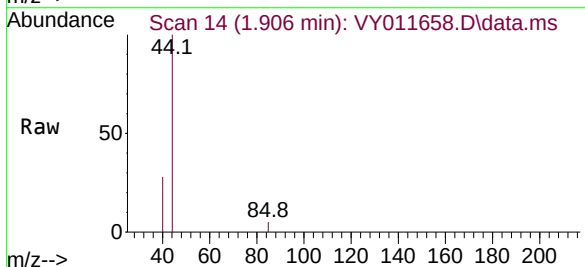
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1

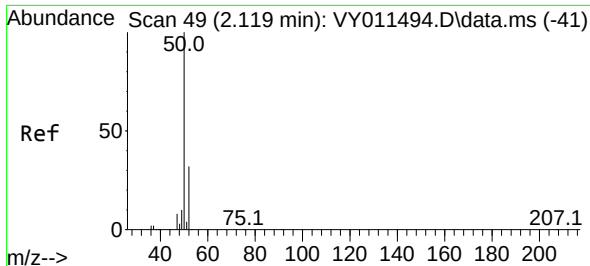
Tgt Ion:168 Resp: 212443
Ion Ratio Lower Upper
168 100
99 57.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011658.D
Acq: 01 Dec 2022 13:29

Tgt Ion: 85 Resp: 67
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

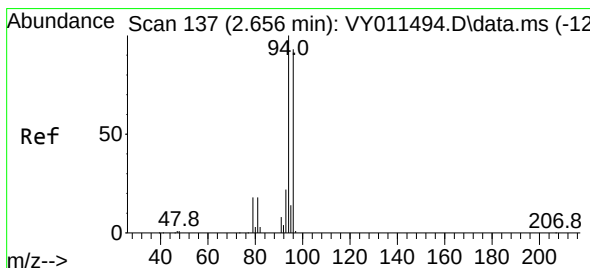
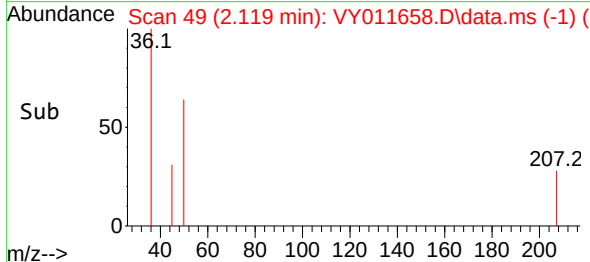
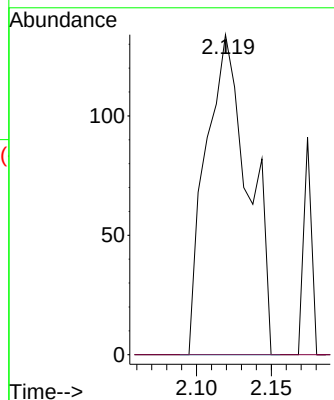
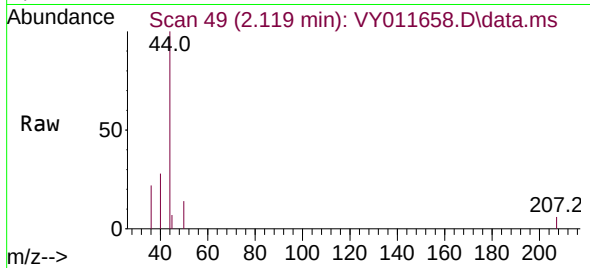




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY011658.D
Acq: 01 Dec 2022 13:29

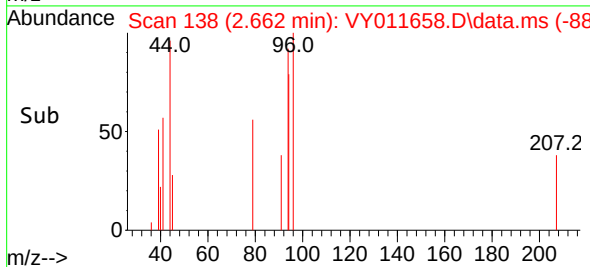
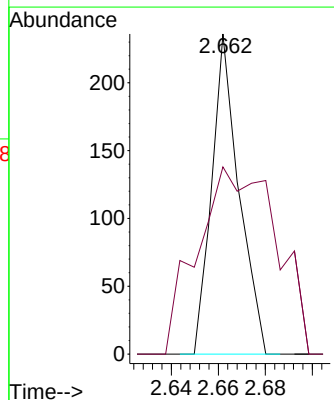
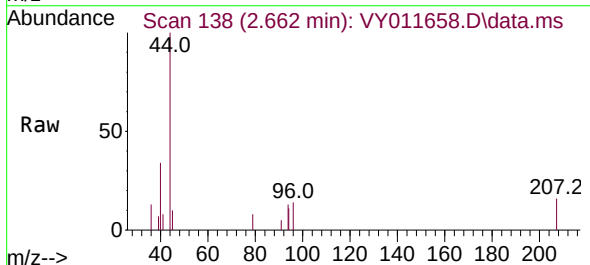
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1

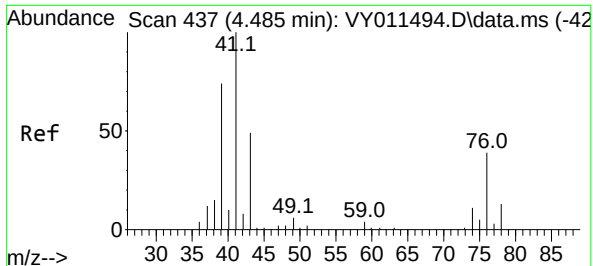
Tgt Ion: 50 Resp: 265
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY011658.D
Acq: 01 Dec 2022 13:29

Tgt Ion: 94 Resp: 189
Ion Ratio Lower Upper
94 100
96 32.2 73.5 110.3#

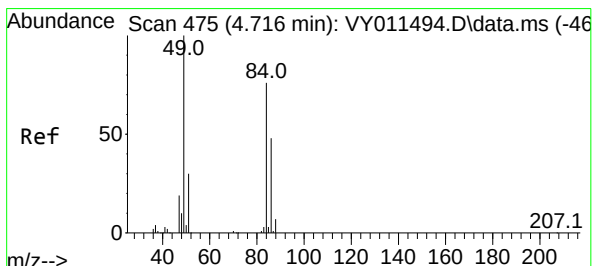
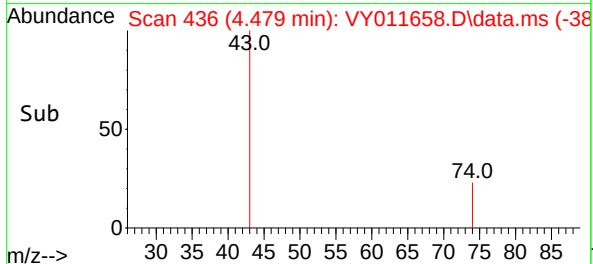
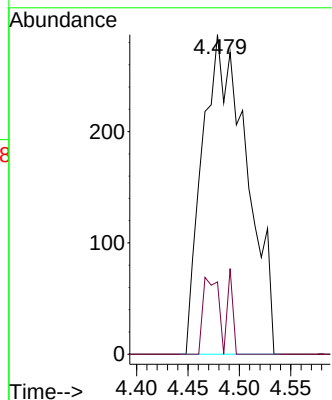
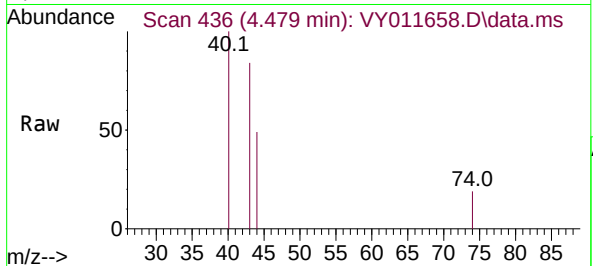




#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011658.D
Acq: 01 Dec 2022 13:29

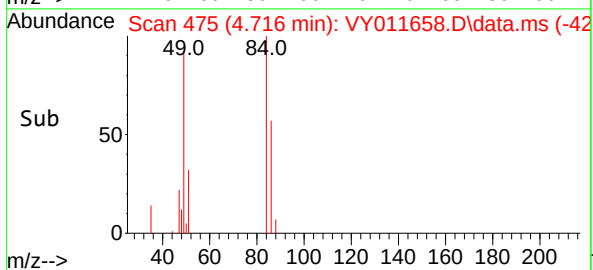
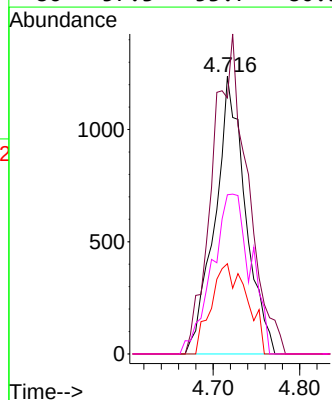
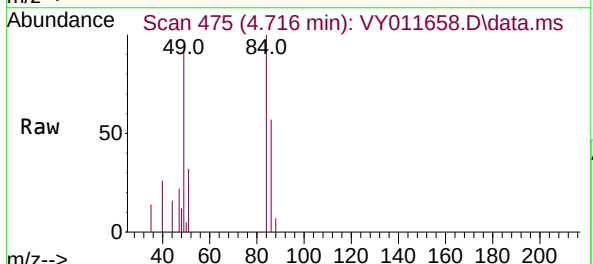
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1

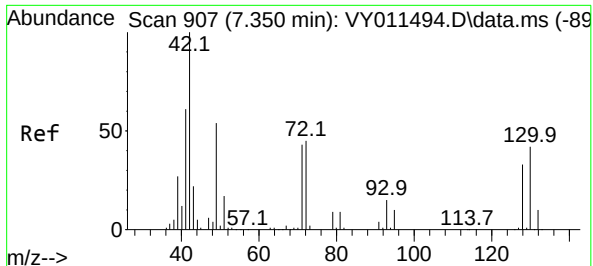
Tgt Ion: 43 Resp: 861
Ion Ratio Lower Upper
43 100
74 8.4 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011658.D
Acq: 01 Dec 2022 13:29

Tgt Ion: 84 Resp: 3025
Ion Ratio Lower Upper
84 100
49 92.2 114.4 171.6#
51 32.5 35.3 52.9#
86 57.3 53.7 80.5





#29

Tetrahydrofuran

Concen: 24.720 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY011658.D

Acq: 01 Dec 2022 13:29

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-1

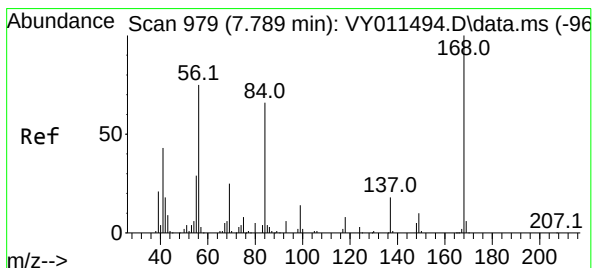
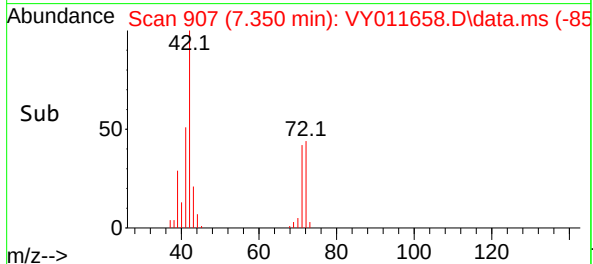
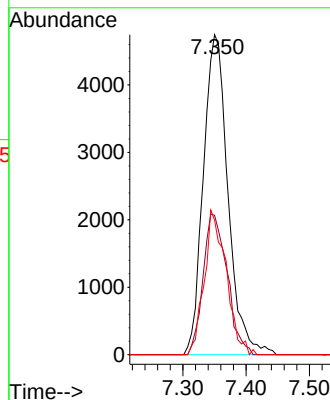
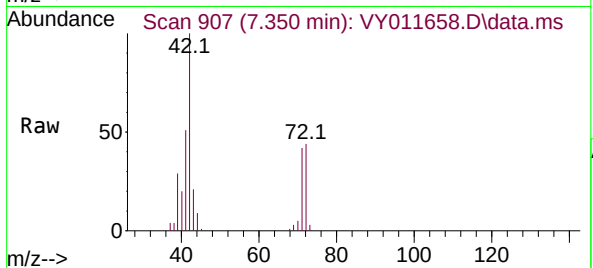
Tgt Ion: 42 Resp: 12855

Ion Ratio Lower Upper

42 100

72 42.8 30.3 45.5

71 40.3 29.0 43.4



#31

Cyclohexane

Concen: 1.253 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY011658.D

Acq: 01 Dec 2022 13:29

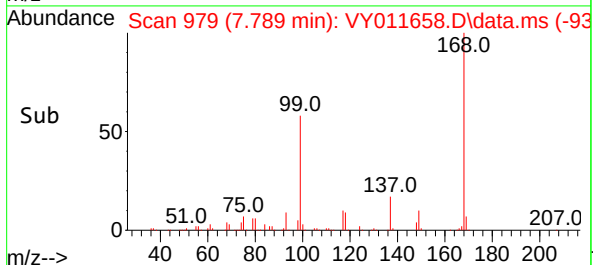
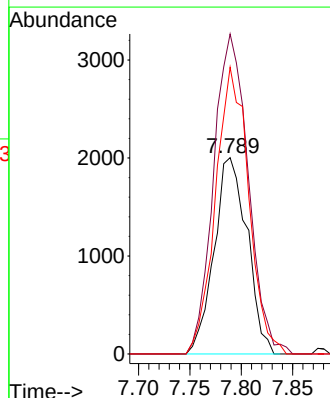
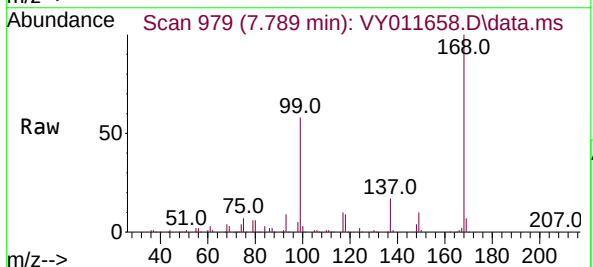
Tgt Ion: 56 Resp: 4479

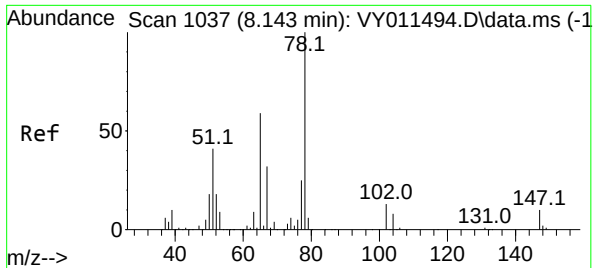
Ion Ratio Lower Upper

56 100

69 163.1 26.7 40.1#

84 146.1 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 63.512 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011658.D

Acq: 01 Dec 2022 13:29

Instrument :

MSVOA_Y

ClientSampleId :

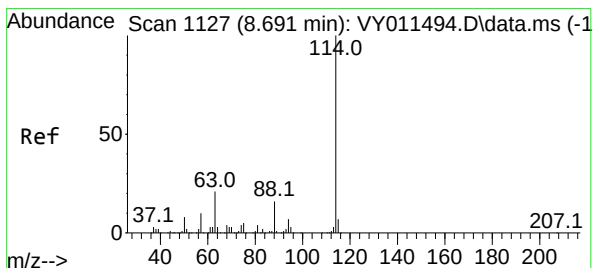
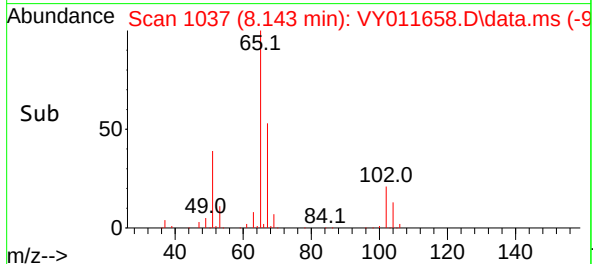
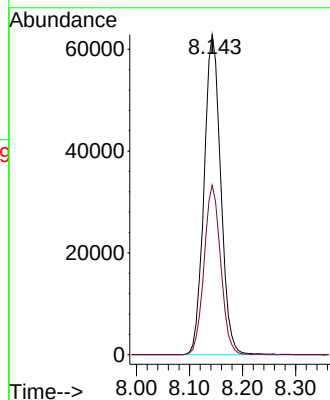
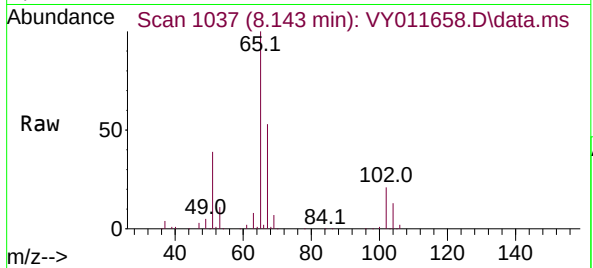
TOTAL-VOC-1

Tgt Ion: 65 Resp: 137005

Ion Ratio Lower Upper

65 100

67 52.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011658.D

Acq: 01 Dec 2022 13:29

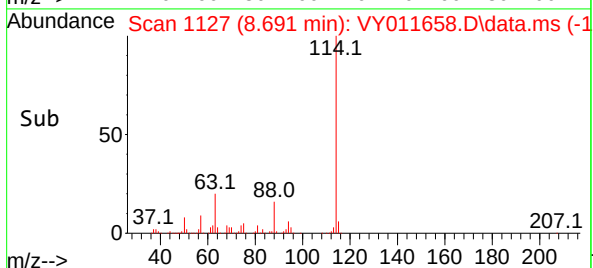
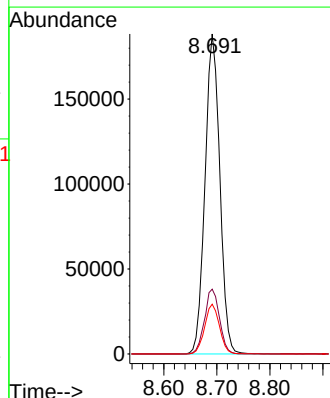
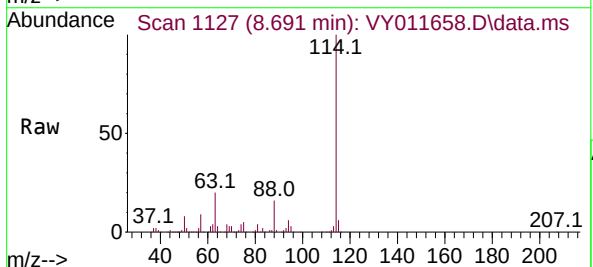
Tgt Ion: 114 Resp: 364301

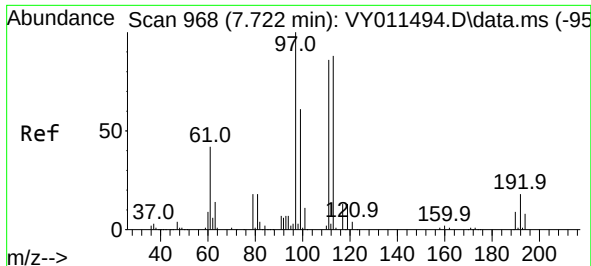
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

88 15.6 0.0 31.8

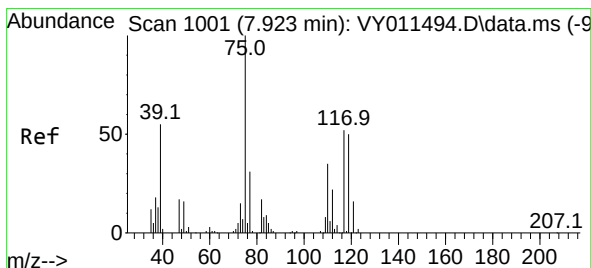
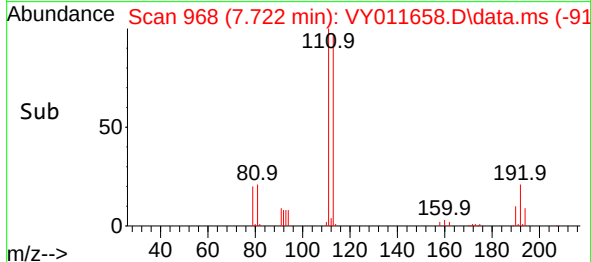
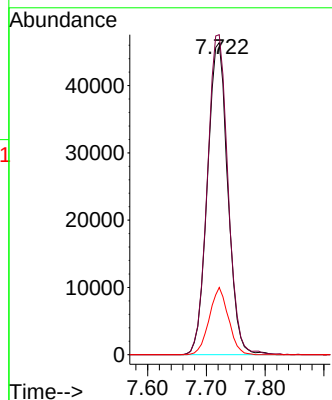
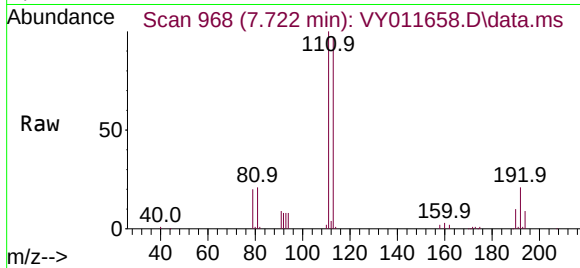




#35
Dibromofluoromethane
Concen: 49.839 ug/l
RT: 7.722 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY011658.D
Acq: 01 Dec 2022 13:29

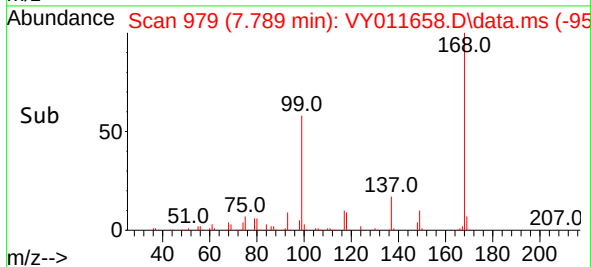
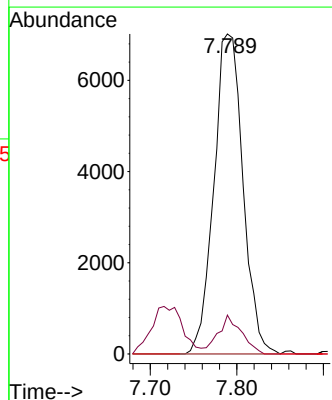
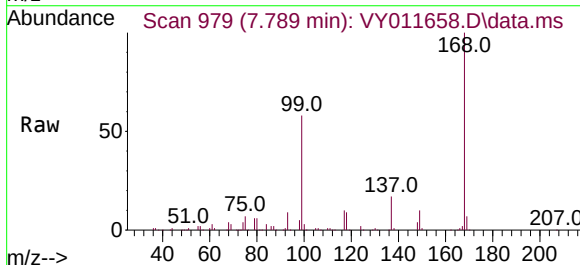
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1

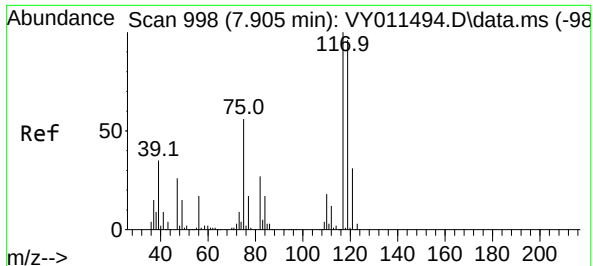
Tgt Ion:113 Resp: 111770
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 20.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.666 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY011658.D
Acq: 01 Dec 2022 13:29

Tgt Ion: 75 Resp: 16356
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.0 24.4 36.6#

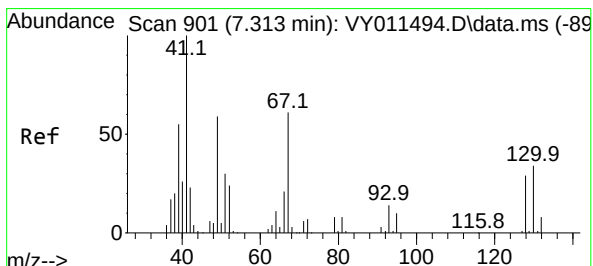
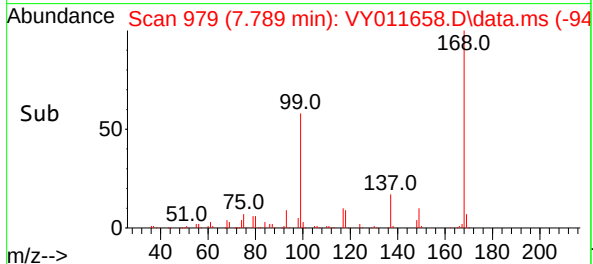
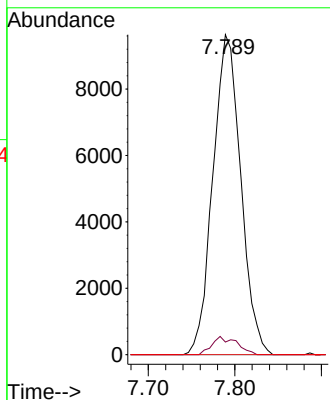
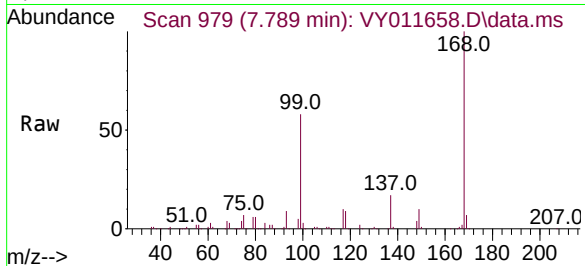




#38
Carbon Tetrachloride
Concen: 5.494 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011658.D
Acq: 01 Dec 2022 13:29

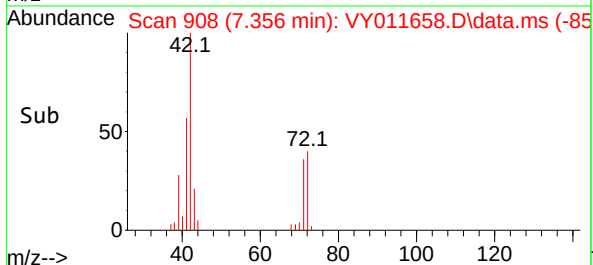
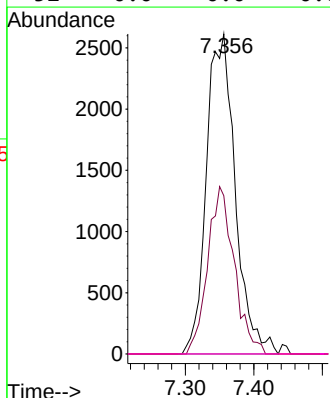
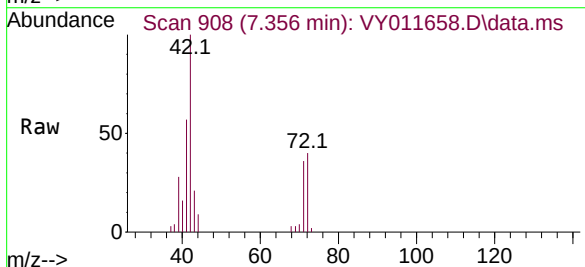
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1

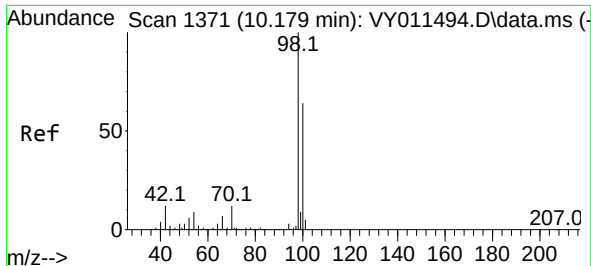
Tgt Ion:117 Resp: 21548
Ion Ratio Lower Upper
117 100
119 3.9 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 7.549 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.043 min
Lab File: VY011658.D
Acq: 01 Dec 2022 13:29

Tgt Ion: 41 Resp: 7619
Ion Ratio Lower Upper
41 100
39 48.3 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

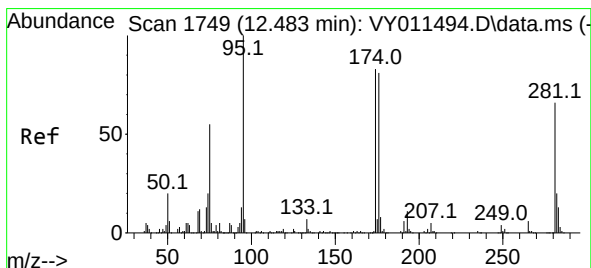
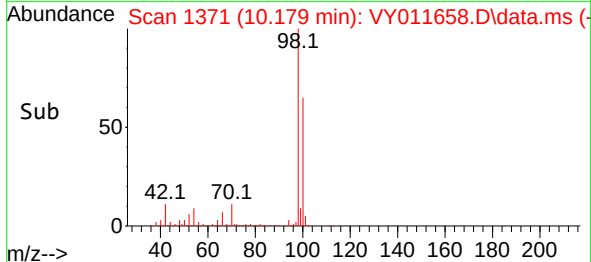
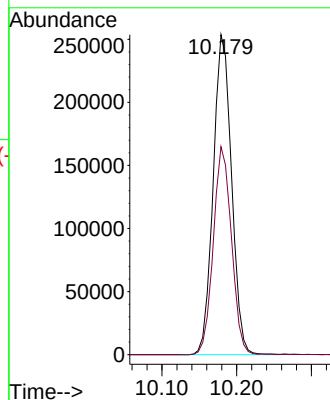
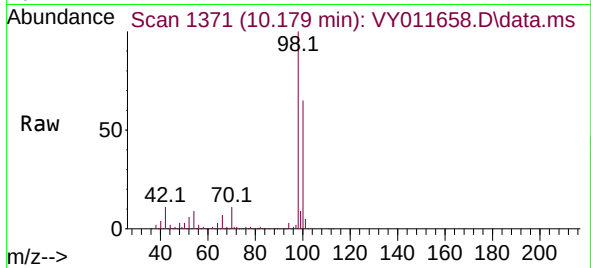




#50
Toluene-d8
Concen: 53.153 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011658.D
Acq: 01 Dec 2022 13:29

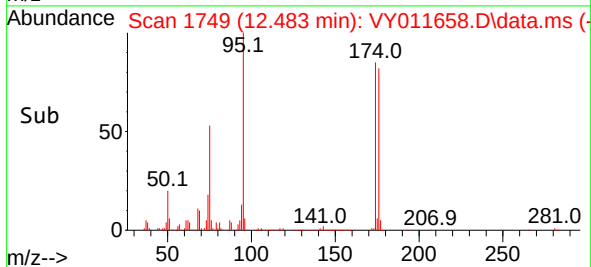
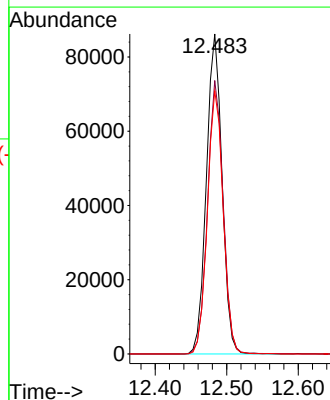
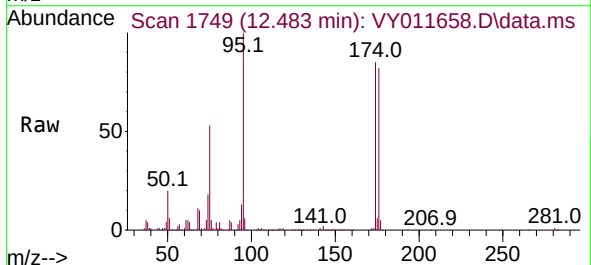
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1

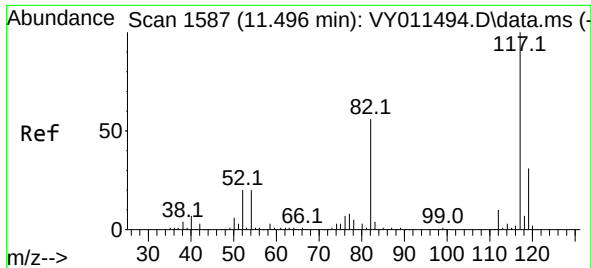
Tgt Ion: 98 Resp: 433170
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.483 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011658.D
Acq: 01 Dec 2022 13:29

Tgt Ion: 95 Resp: 131019
Ion Ratio Lower Upper
95 100
174 85.6 0.0 177.0
176 82.8 0.0 175.8

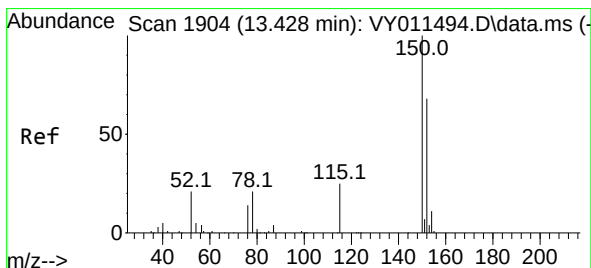
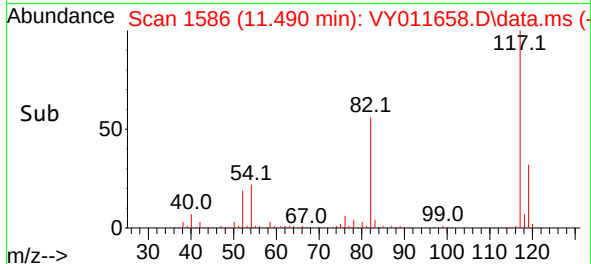
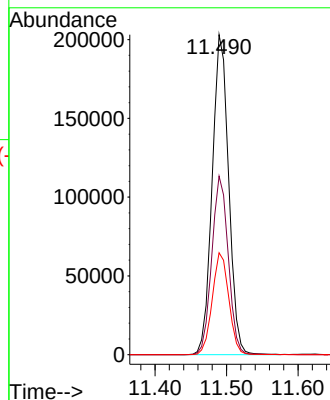
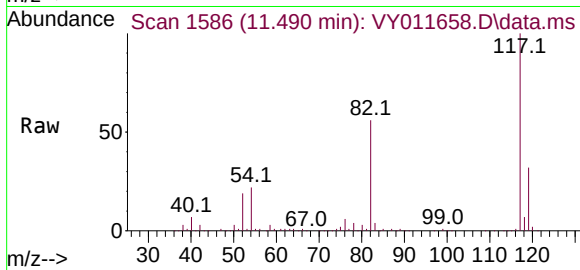




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY011658.D
Acq: 01 Dec 2022 13:29

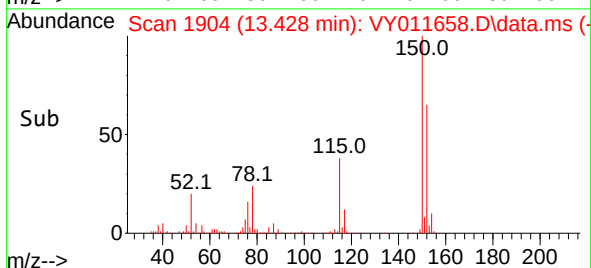
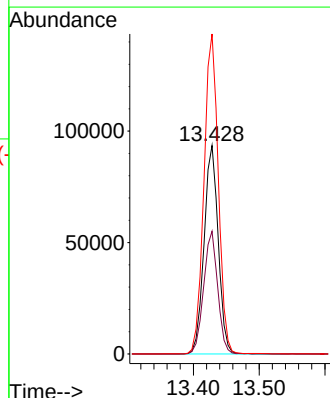
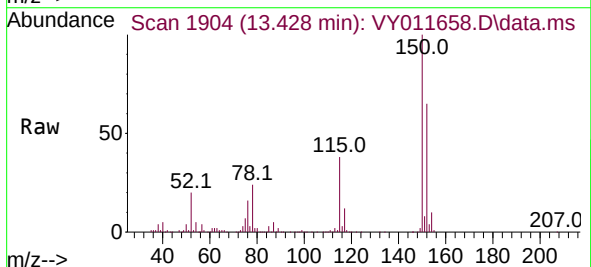
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1

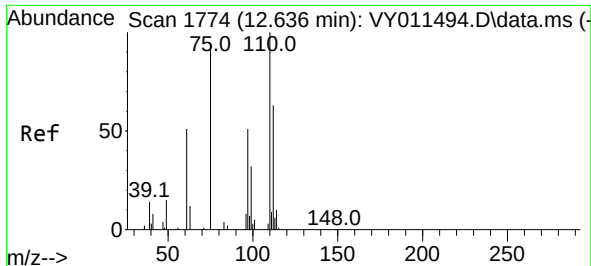
Tgt Ion:117 Resp: 325003
Ion Ratio Lower Upper
117 100
82 55.8 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011658.D
Acq: 01 Dec 2022 13:29

Tgt Ion:152 Resp: 139733
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 155.6 0.0 347.6

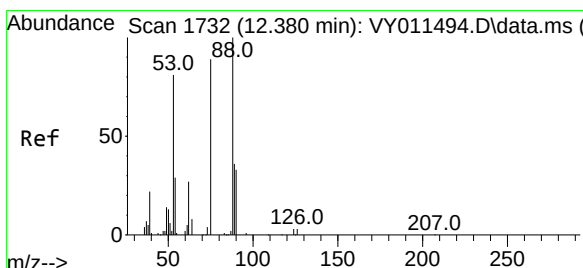
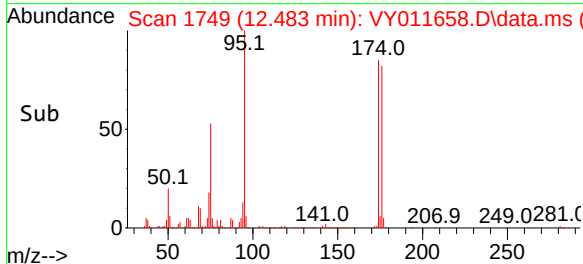
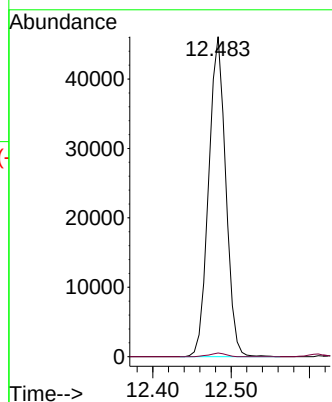
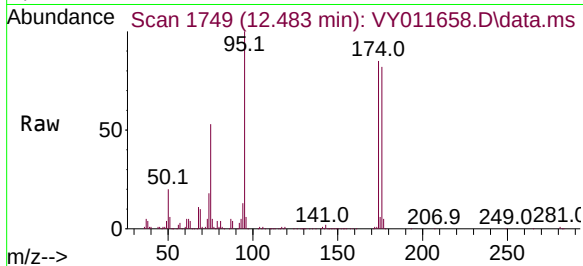




#76
1,2,3-Trichloropropane
Concen: 46.377 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011658.D
Acq: 01 Dec 2022 13:29

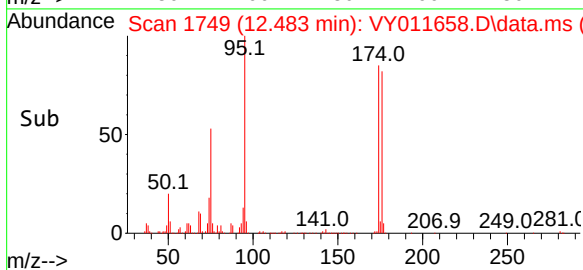
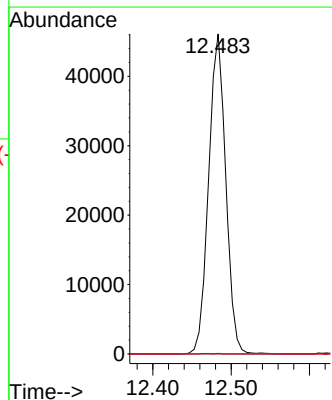
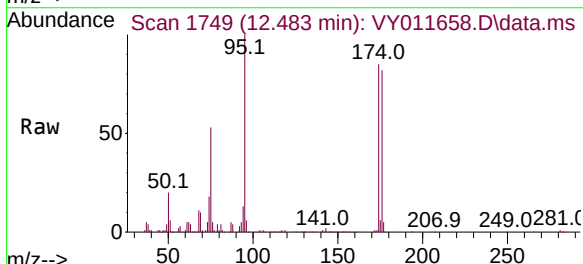
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1

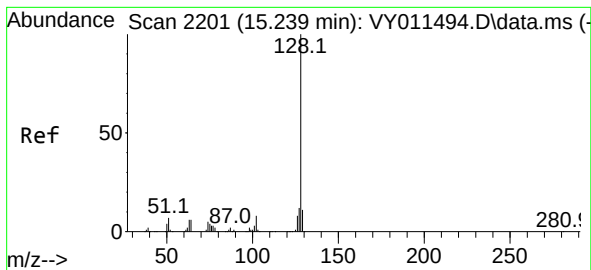
Tgt Ion: 75 Resp: 69789
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.581 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011658.D
Acq: 01 Dec 2022 13:29

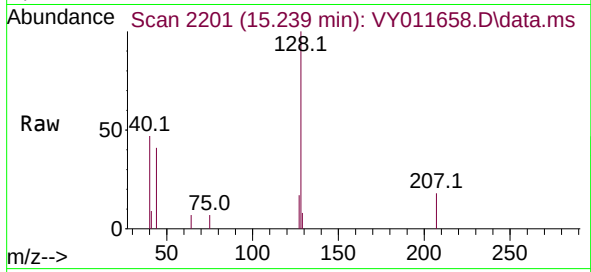
Tgt Ion: 75 Resp: 69789
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 4.278 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011658.D
Acq: 01 Dec 2022 13:29

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1



Tgt Ion:128 Resp: 1386
Ion Ratio Lower Upper
128 100
127 13.8 11.0 16.4
129 5.9 8.4 12.6#

