

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113022\
 Data File : VY011650.D
 Acq On : 30 Nov 2022 18:46
 Operator : KP/MD
 Sample : N5807-09
 Misc : 2.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-2

Quant Time: Dec 01 05:26:35 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)

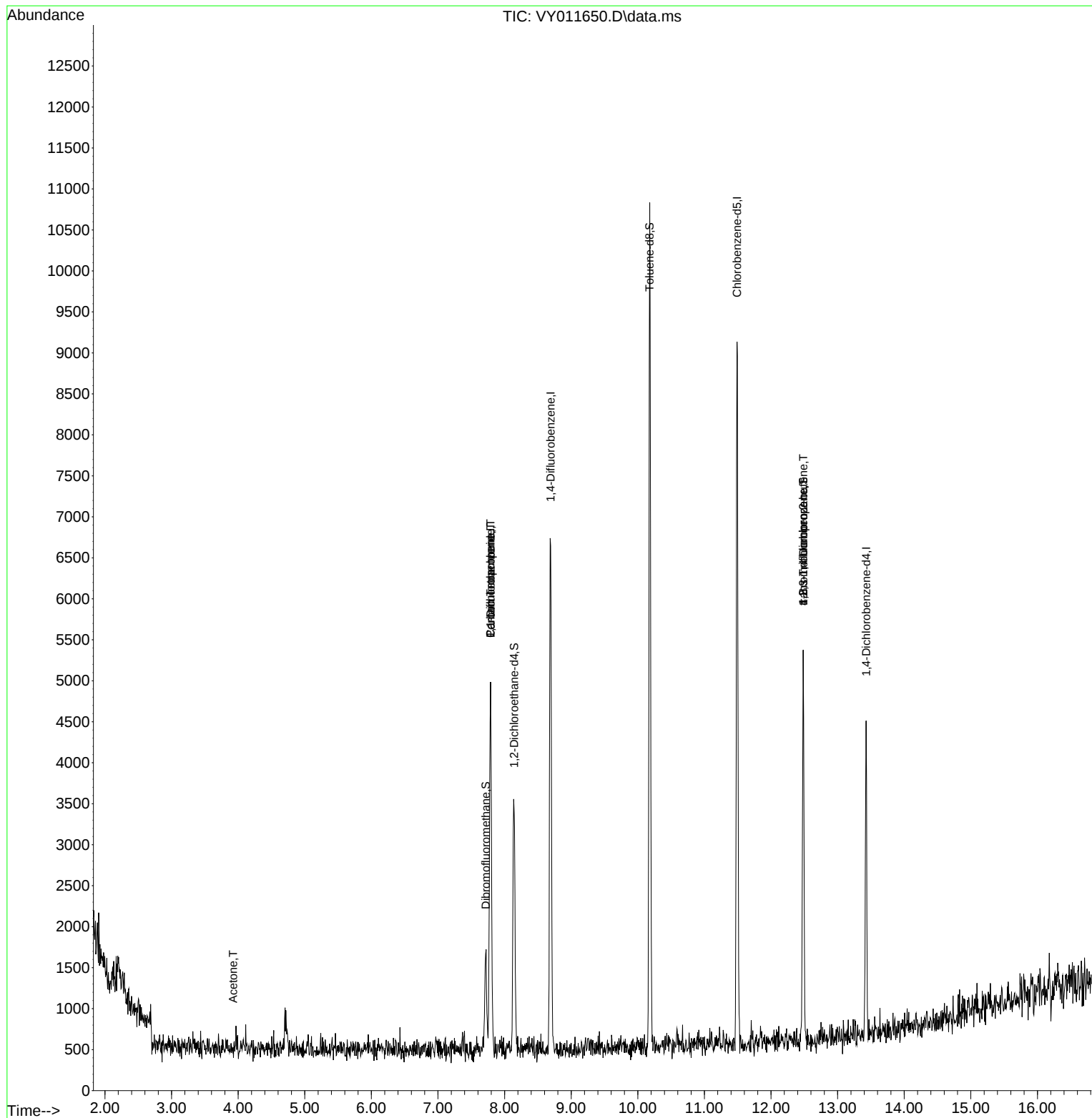
Internal Standards						
1) Pentafluorobenzene	7.789	168	3650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	6120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	5324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2675	72.176	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.360%	
35) Dibromofluoromethane	7.716	113	861	22.854	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 45.700%#	
50) Toluene-d8	10.179	98	6936	50.663	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.320%	
62) 4-Bromofluorobenzene	12.483	95	1775	35.067	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 70.140%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	44	Below Cal	#	44
5) Bromomethane	2.662	94	51	Below Cal	#	4
16) Acetone	3.924	43	38	3.157	ug/l #	47
20) Methylene Chloride	4.704	84	198	Below Cal	#	39
36) 1,1-Dichloropropene	7.789	75	309	5.247	ug/l #	42
38) Carbon Tetrachloride	7.789	117	348	5.282	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	798	55.133	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	798	120.761	ug/l #	7

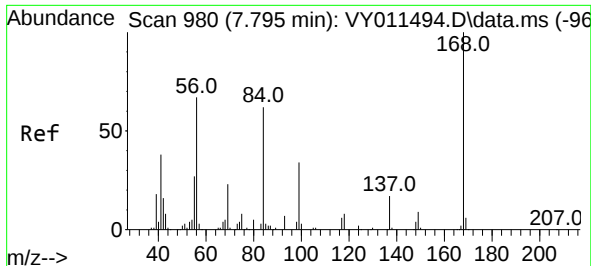
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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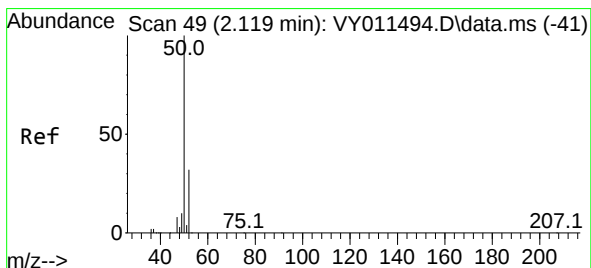
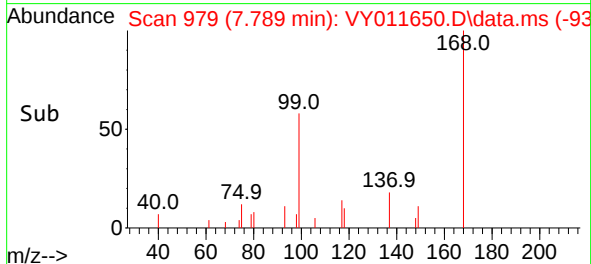
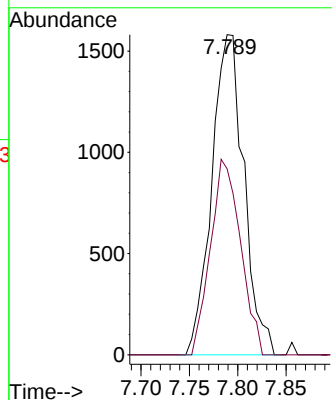
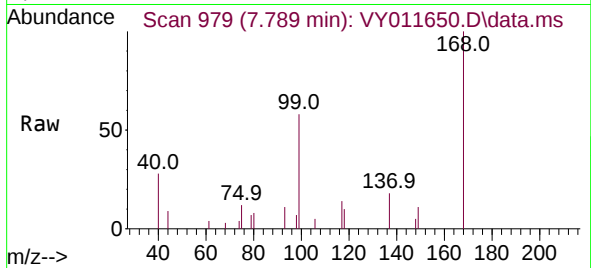




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011650.D
Acq: 30 Nov 2022 18:46

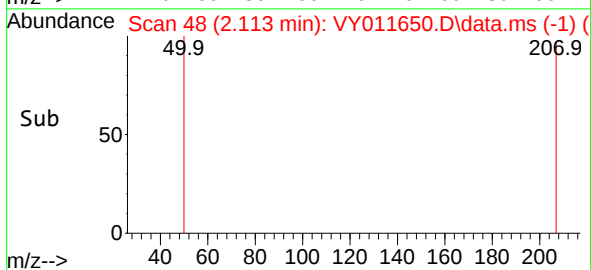
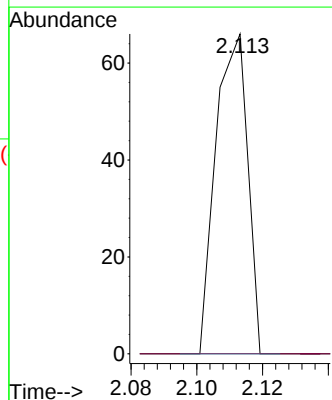
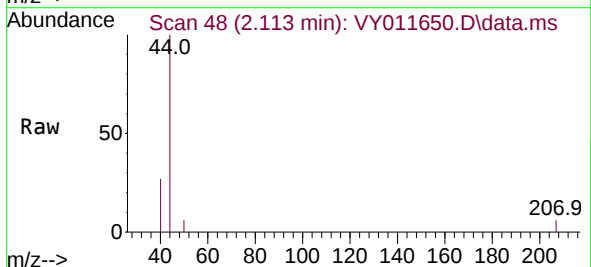
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-2

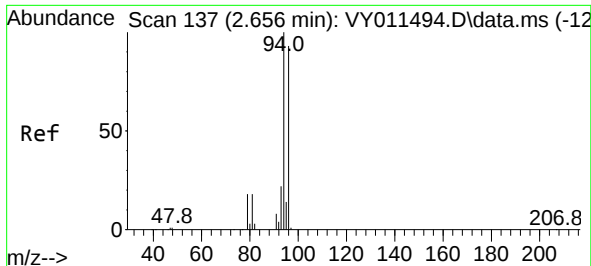
Tgt Ion:168 Resp: 3650
Ion Ratio Lower Upper
168 100
99 58.1 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY011650.D
Acq: 30 Nov 2022 18:46

Tgt Ion: 50 Resp: 44
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

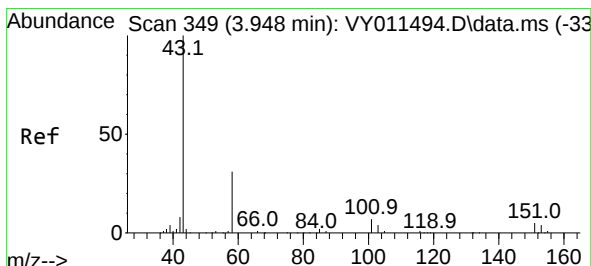
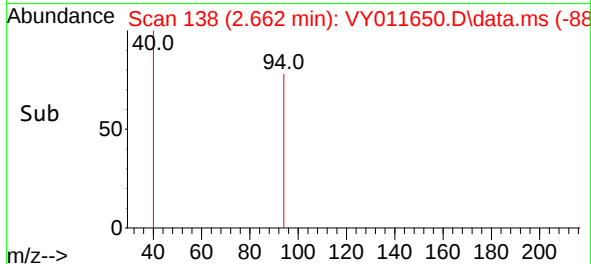
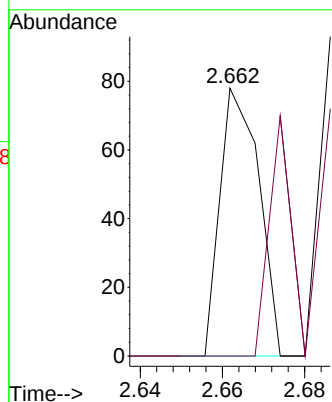
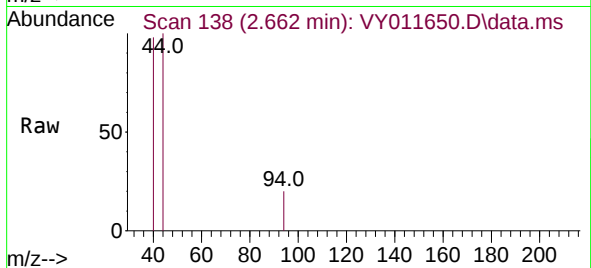




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011650.D
Acq: 30 Nov 2022 18:46

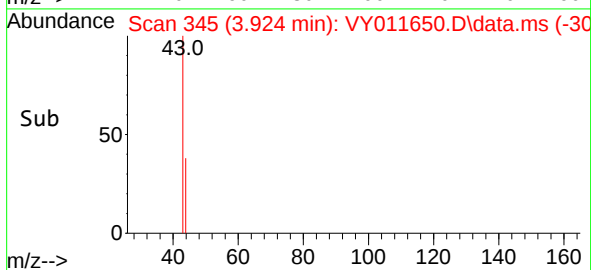
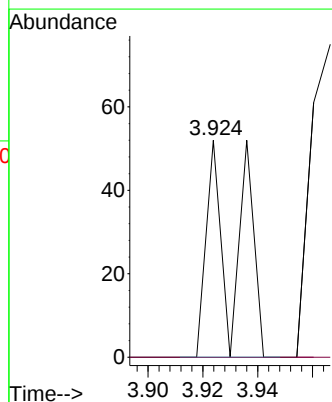
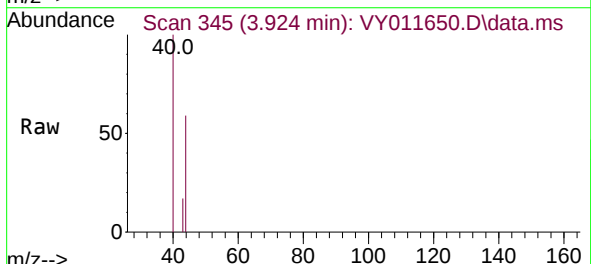
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-2

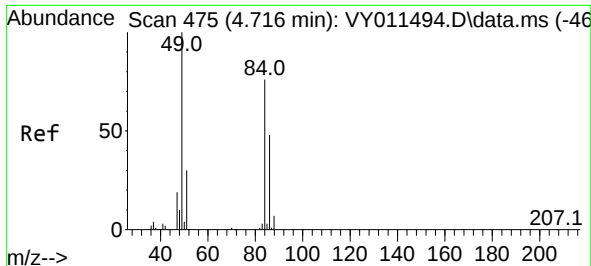
Tgt Ion: 94 Resp: 51
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#



#16
Acetone
Concen: 3.157 ug/l
RT: 3.924 min Scan# 345
Delta R.T. -0.024 min
Lab File: VY011650.D
Acq: 30 Nov 2022 18:46

Tgt Ion: 43 Resp: 38
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

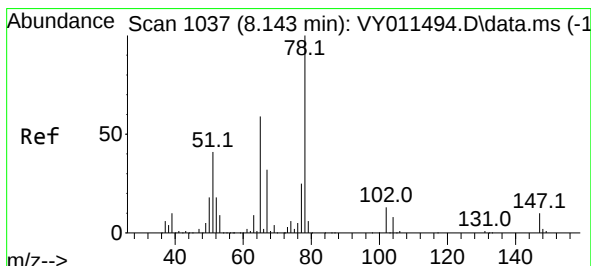
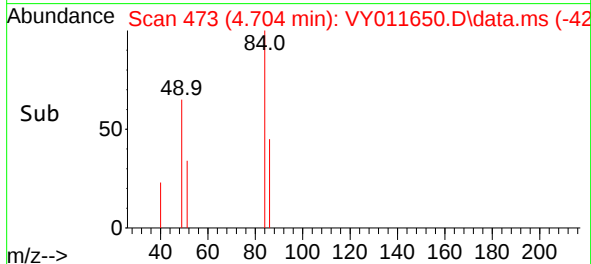
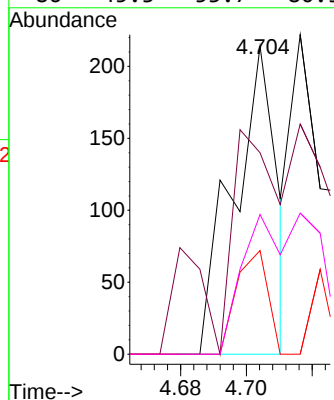
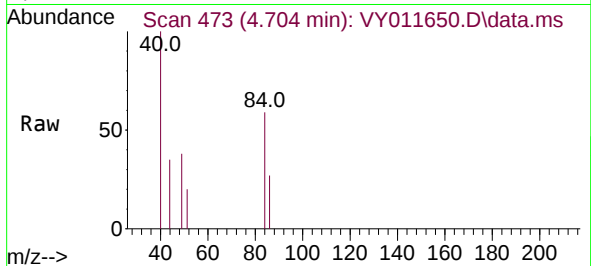




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY011650.D
Acq: 30 Nov 2022 18:46

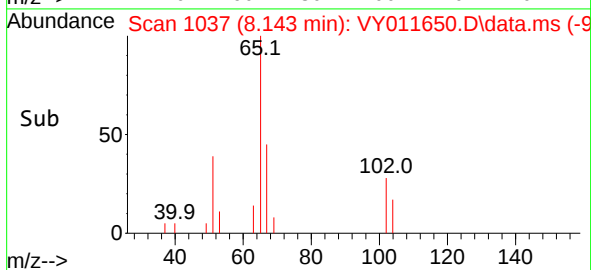
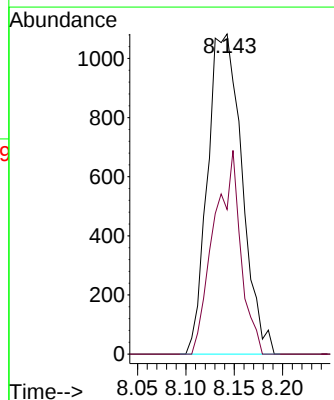
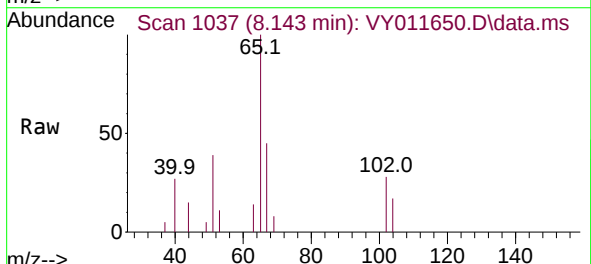
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-2

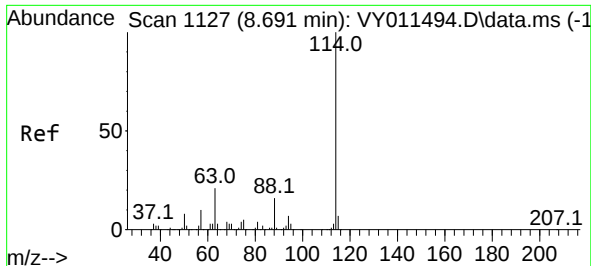
Tgt Ion:	84	Resp:	198
Ion	Ratio	Lower	Upper
84	100		
49	30.8	114.4	171.6#
51	33.6	35.3	52.9#
86	45.3	53.7	80.5#



#33
1,2-Dichloroethane-d4
Concen: 72.176 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011650.D
Acq: 30 Nov 2022 18:46

Tgt Ion:	65	Resp:	2675
Ion	Ratio	Lower	Upper
65	100		
67	49.4	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: VY011650.D

Acq: 30 Nov 2022 18:46

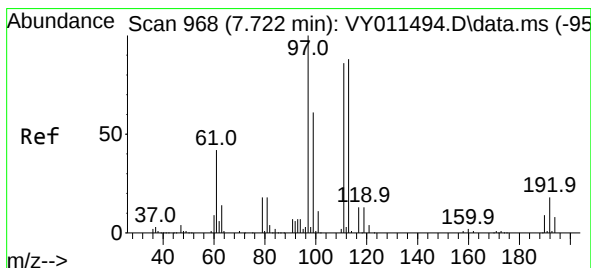
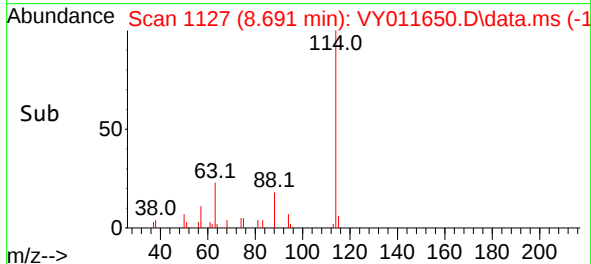
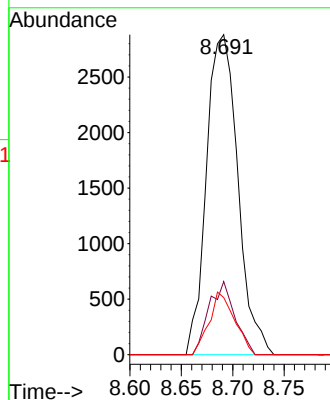
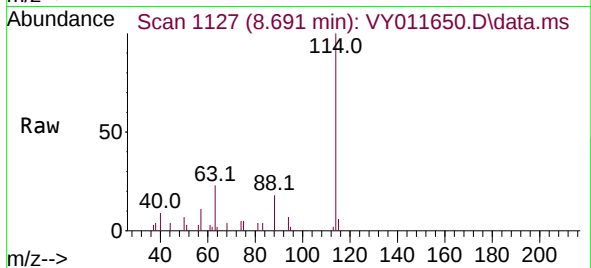
Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-2

Tgt Ion:114	Resp:	6120
Ion	Ratio	Lower Upper
114	100	
63	22.9	0.0 43.2
88	17.8	0.0 31.8



#35

Dibromofluoromethane

Concen: 22.854 ug/l

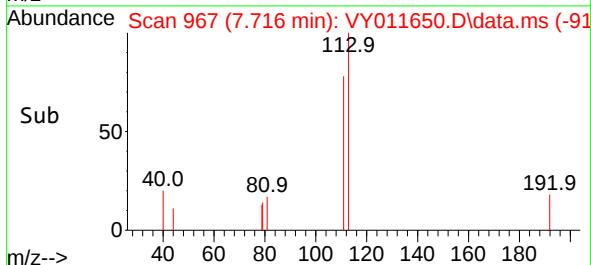
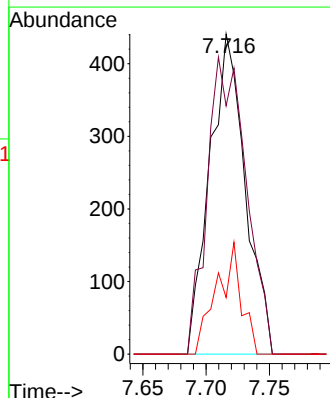
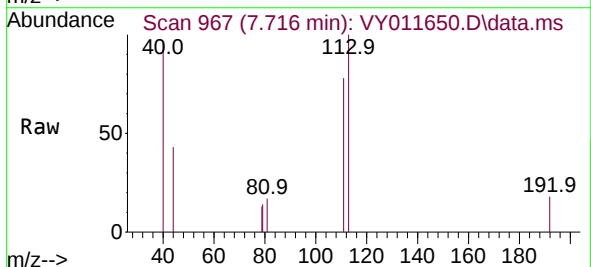
RT: 7.716 min Scan# 967

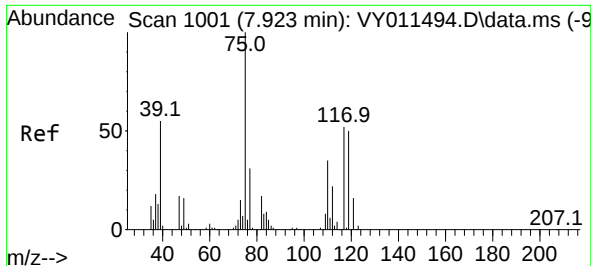
Delta R.T. -0.006 min

Lab File: VY011650.D

Acq: 30 Nov 2022 18:46

Tgt Ion:113	Resp:	861
Ion	Ratio	Lower Upper
113	100	
111	101.9	82.6 124.0
192	24.2	17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.247 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY011650.D

Acq: 30 Nov 2022 18:46

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-2

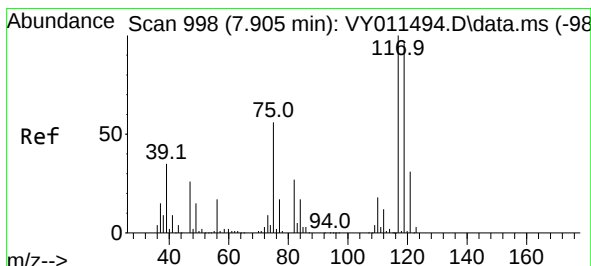
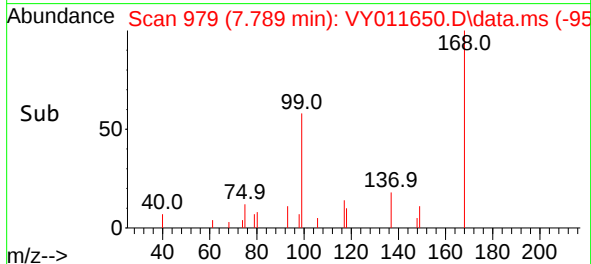
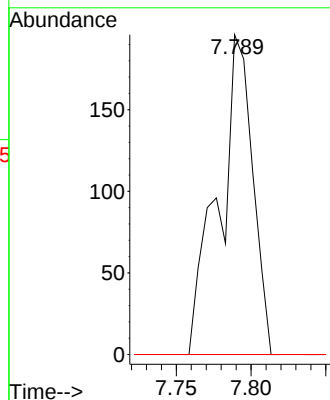
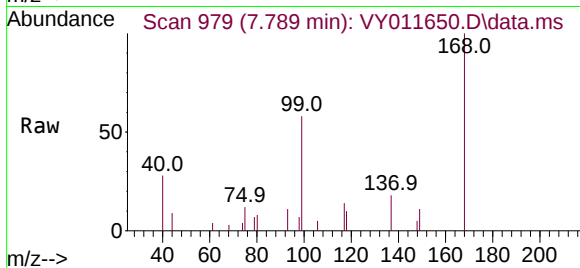
Tgt Ion: 75 Resp: 309

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.282 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011650.D

Acq: 30 Nov 2022 18:46

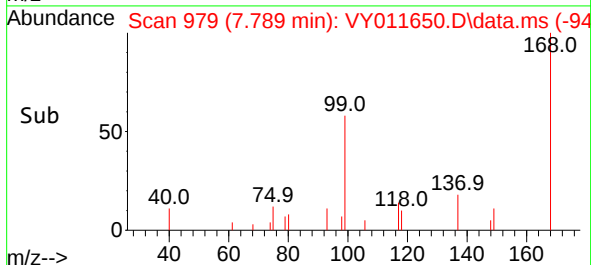
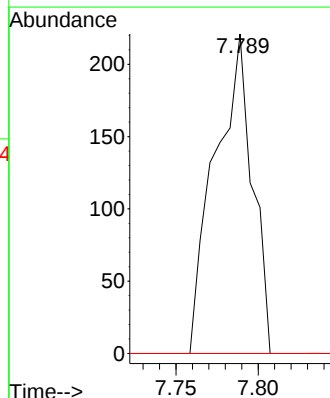
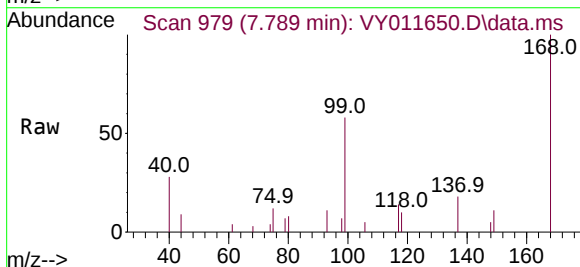
Tgt Ion: 117 Resp: 348

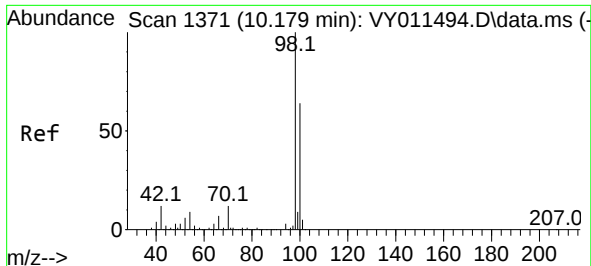
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

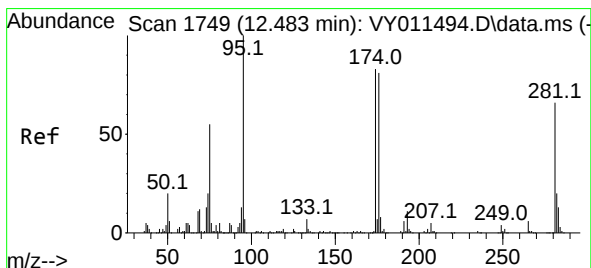
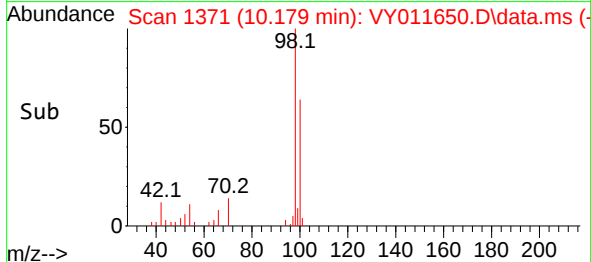
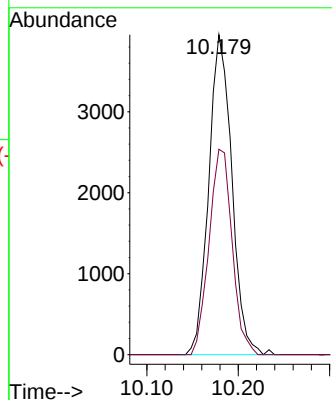
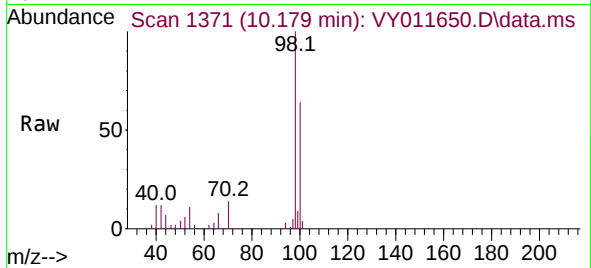




#50
Toluene-d8
Concen: 50.663 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011650.D
Acq: 30 Nov 2022 18:46

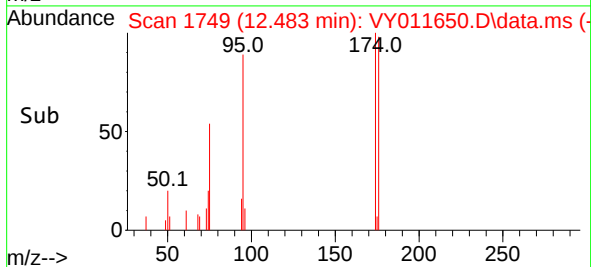
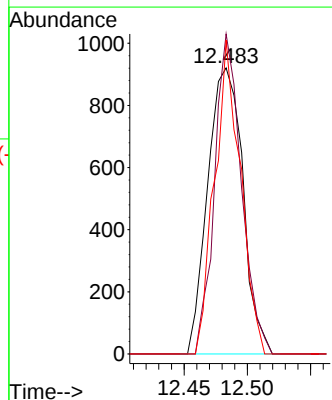
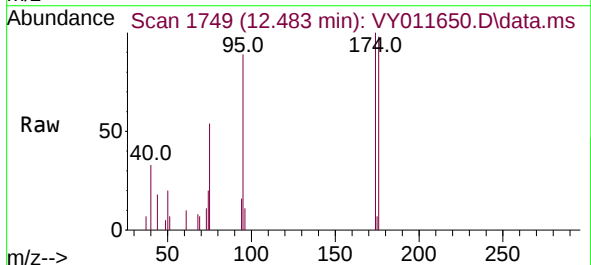
Instrument :
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ClientSampleId :
TOTAL-VOC-2

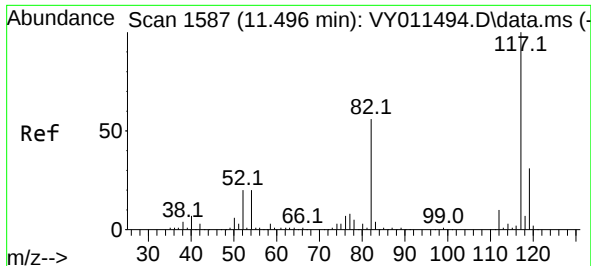
Tgt Ion: 98 Resp: 6936
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.067 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011650.D
Acq: 30 Nov 2022 18:46

Tgt Ion: 95 Resp: 1775
Ion Ratio Lower Upper
95 100
174 85.6 0.0 177.0
176 81.1 0.0 175.8

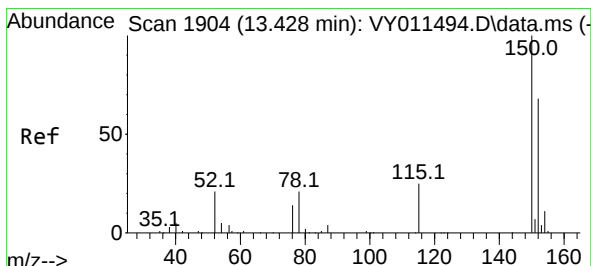
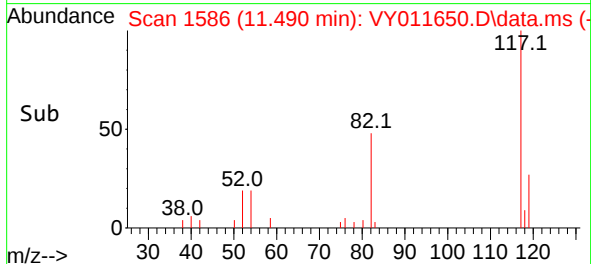
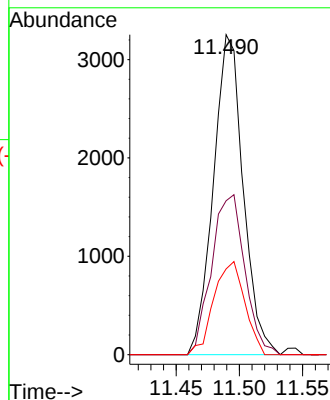
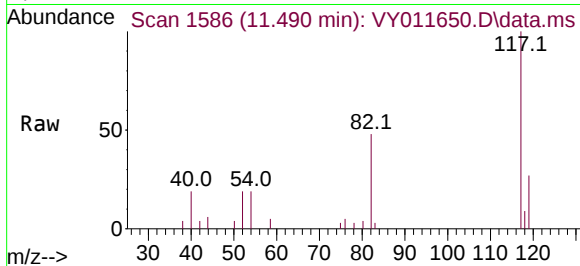




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY011650.D
Acq: 30 Nov 2022 18:46

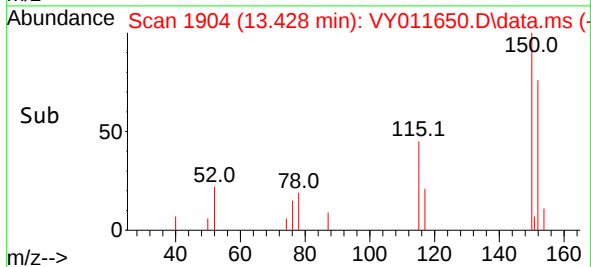
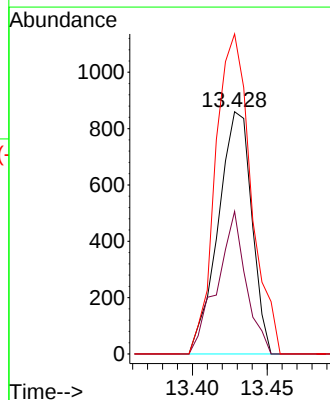
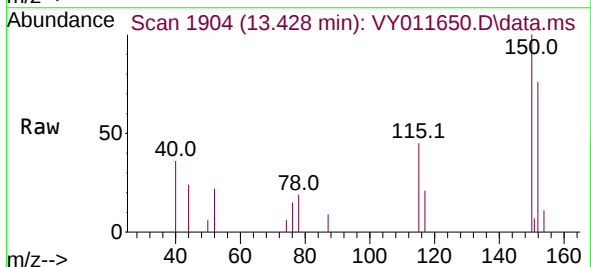
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-2

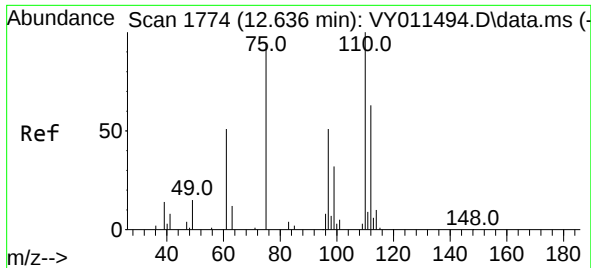
Tgt Ion:117 Resp: 5324
Ion Ratio Lower Upper
117 100
82 48.1 43.0 64.4
119 26.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011650.D
Acq: 30 Nov 2022 18:46

Tgt Ion:152 Resp: 1344
Ion Ratio Lower Upper
152 100
115 50.6 28.2 84.7
150 139.4 0.0 347.6

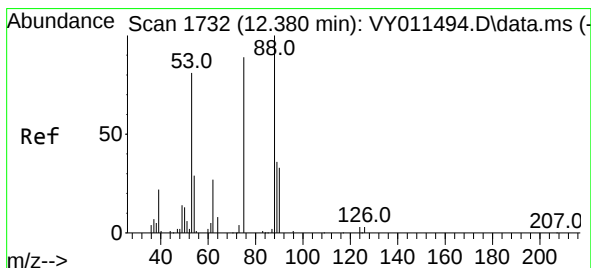
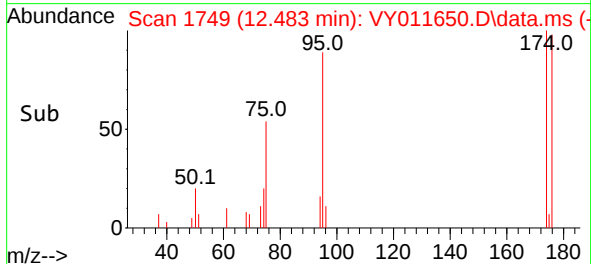
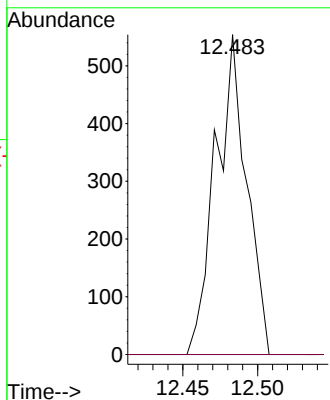
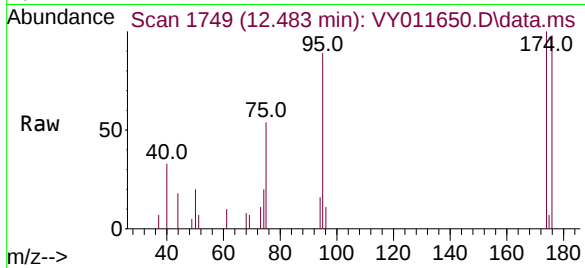




#76
1,2,3-Trichloropropane
Concen: 55.133 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011650.D
Acq: 30 Nov 2022 18:46

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-2

Tgt Ion: 75 Resp: 798
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 120.761 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011650.D
Acq: 30 Nov 2022 18:46

Tgt Ion: 75 Resp: 798
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

