

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
 Data File : VY007308.D
 Acq On : 26 Jan 2022 15:53
 Operator : SY/MD
 Sample : N1261-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Jan 27 00:34:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

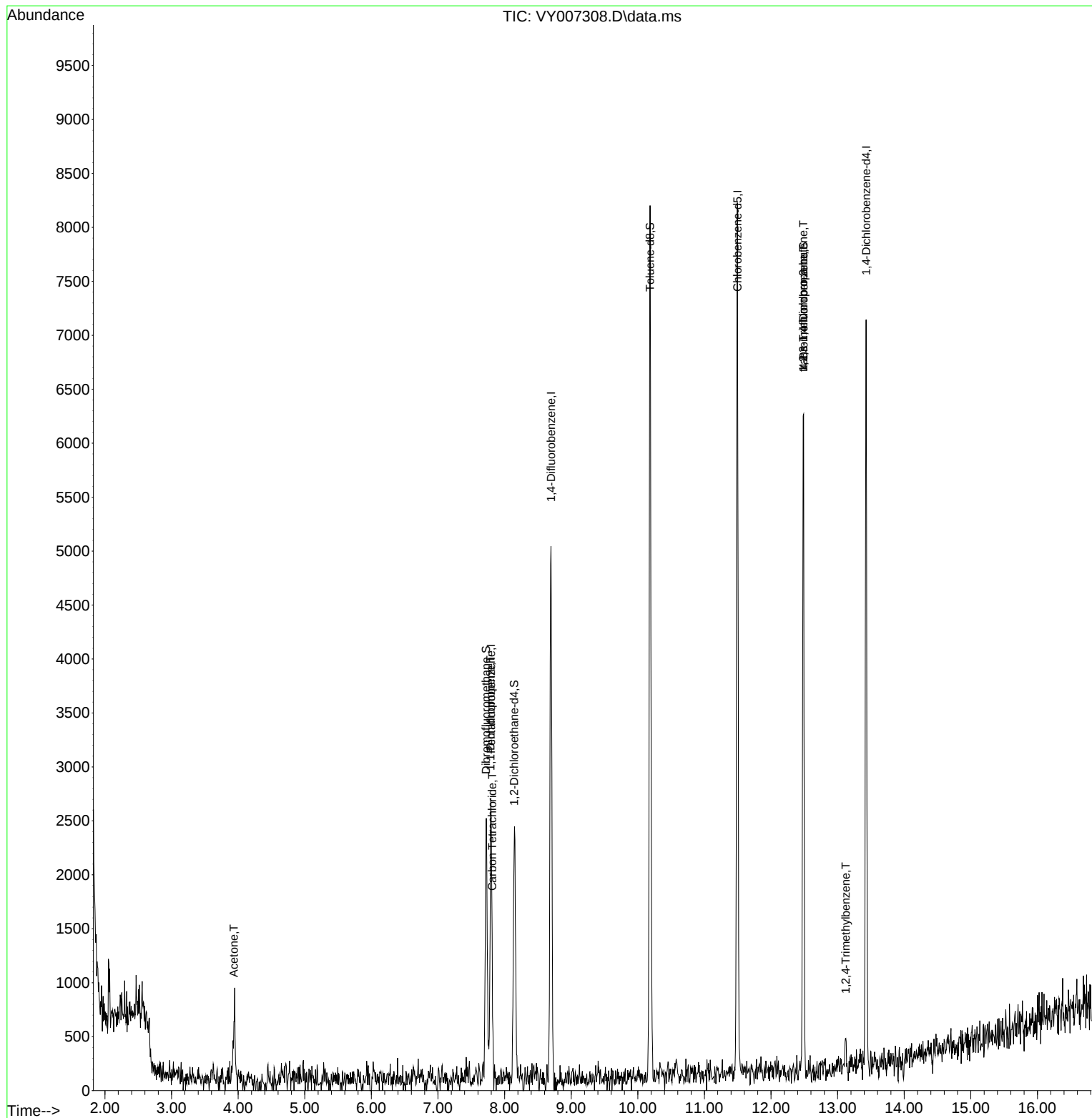
Internal Standards						
1) Pentafluorobenzene	7.795	168	2300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	4795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	4526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2158	76.467	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.940%
35) Dibromofluoromethane	7.722	113	1913	59.001	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.000%
50) Toluene-d8	10.185	98	5644	47.640	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.280%
62) 4-Bromofluorobenzene	12.489	95	1938	45.987	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.980%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	19	2.594	ug/l #	45
36) 1,1-Dichloropropene	7.789	75	113	2.182	ug/l #	42
38) Carbon Tetrachloride	7.813	117	168	3.084	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	1169	57.210	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1169	104.736	ug/l #	3
84) 1,2,4-Trimethylbenzene	13.123	105	297	2.358	ug/l #	43

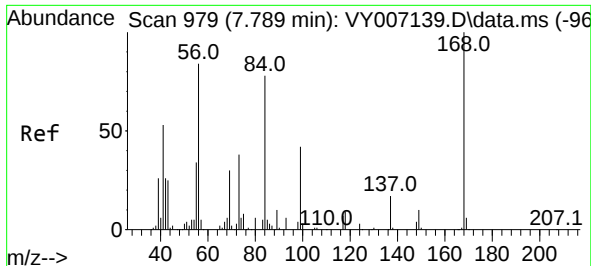
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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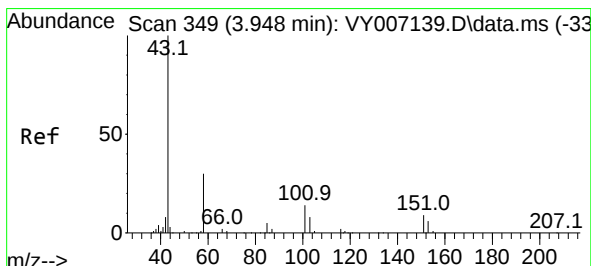
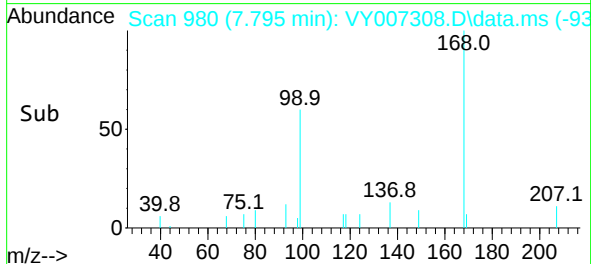
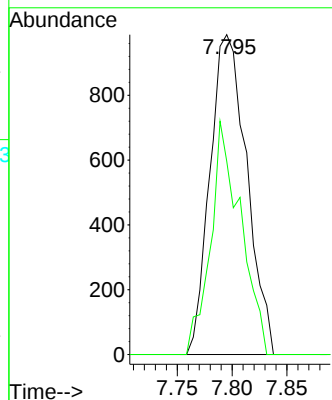
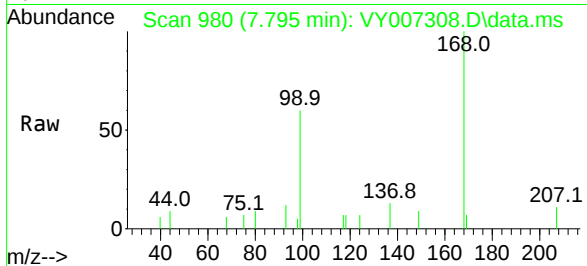




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007308.D
Acq: 26 Jan 2022 15:53

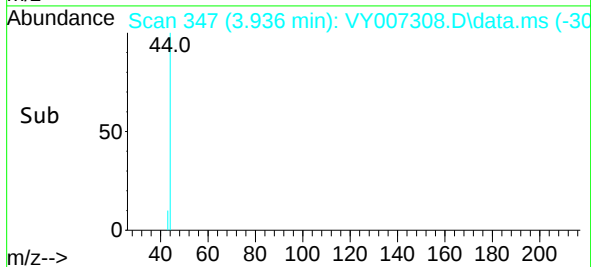
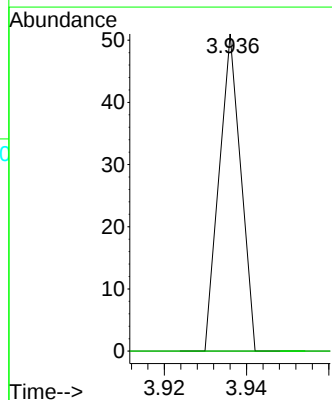
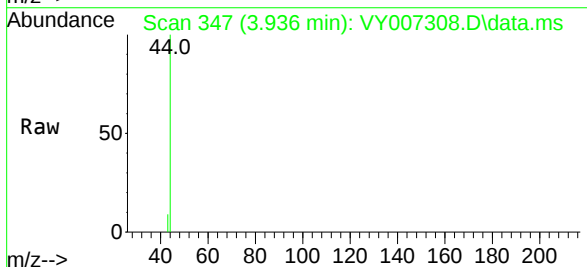
Instrument :
MSVOA_Y
ClientSampleId :
VOC

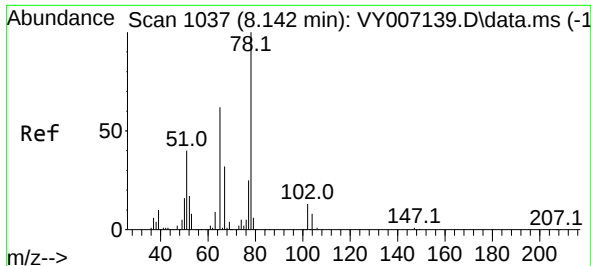
Tgt Ion:168 Resp: 2300
Ion Ratio Lower Upper
168 100
99 60.4 49.1 73.7



#16
Acetone
Concen: 2.594 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY007308.D
Acq: 26 Jan 2022 15:53

Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#

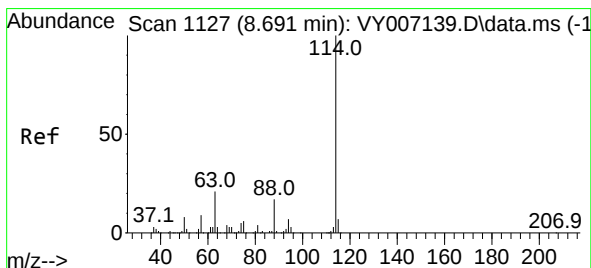
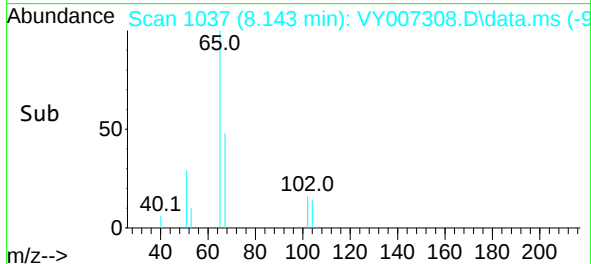
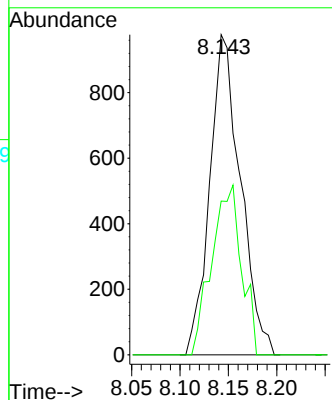
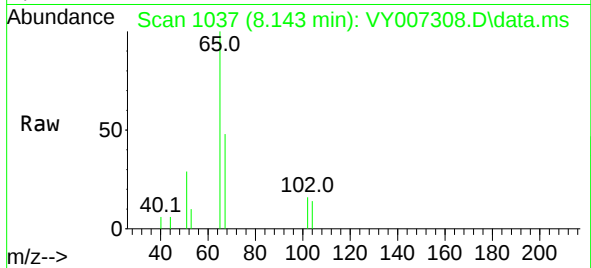




#33
1,2-Dichloroethane-d4
Concen: 76.467 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007308.D
Acq: 26 Jan 2022 15:53

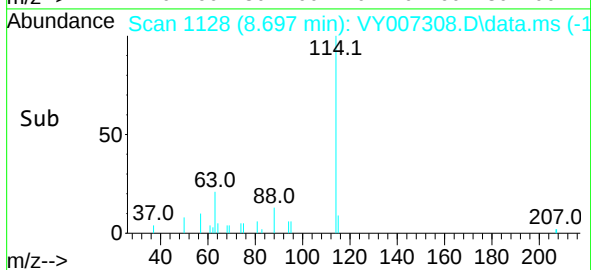
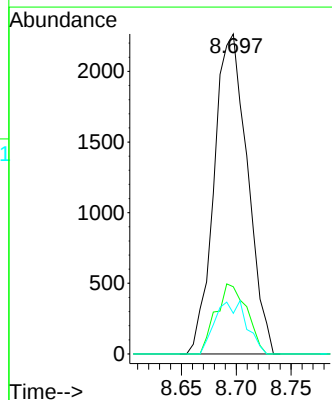
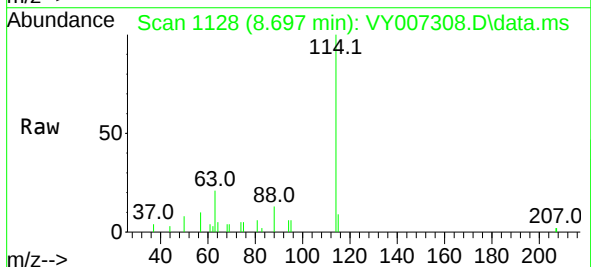
Instrument :
MSVOA_Y
ClientSampleId :
VOC

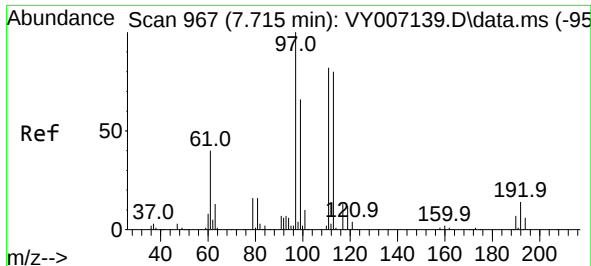
Tgt Ion: 65 Resp: 2158
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.007 min
Lab File: VY007308.D
Acq: 26 Jan 2022 15:53

Tgt Ion: 114 Resp: 4795
Ion Ratio Lower Upper
114 100
63 21.0 0.0 39.2
88 12.7 0.0 31.0

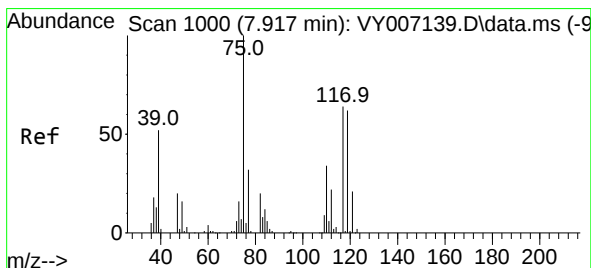
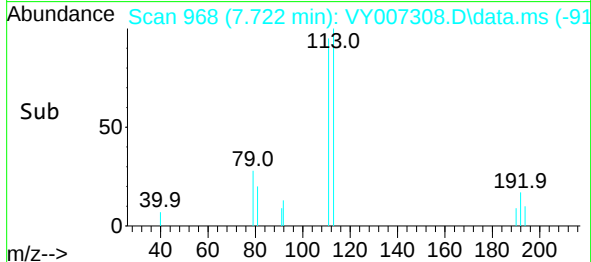
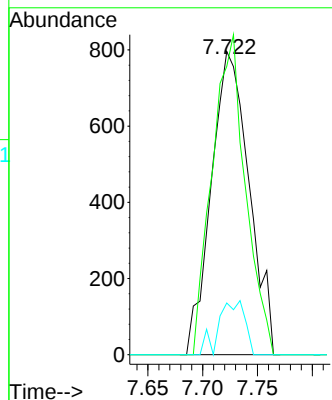
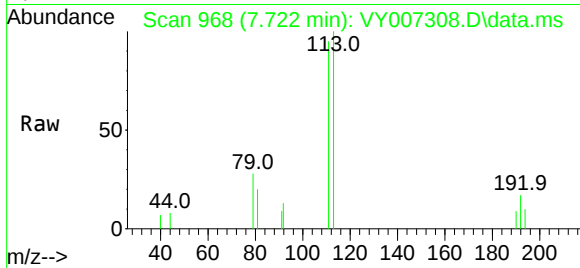




#35
Dibromofluoromethane
Concen: 59.001 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY007308.D
Acq: 26 Jan 2022 15:53

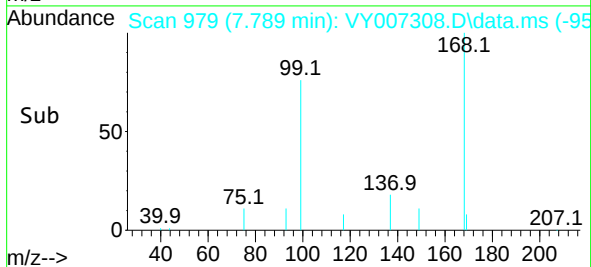
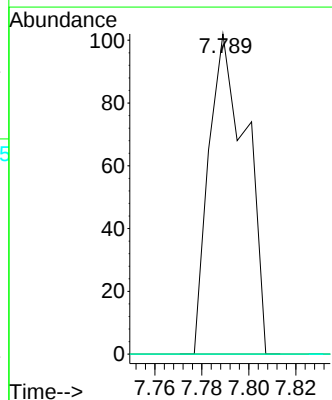
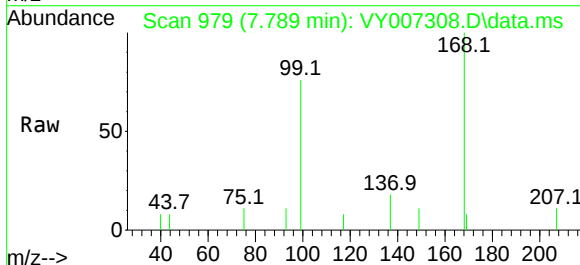
Instrument :
MSVOA_Y
ClientSampleId :
VOC

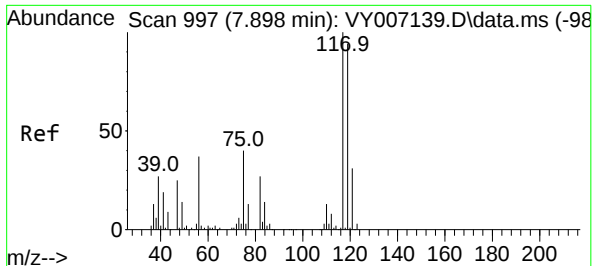
Tgt Ion:113 Resp: 1913
Ion Ratio Lower Upper
113 100
111 92.9 82.2 123.4
192 12.3 14.2 21.4#



#36
1,1-Dichloropropene
Concen: 2.182 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007308.D
Acq: 26 Jan 2022 15:53

Tgt Ion: 75 Resp: 113
Ion Ratio Lower Upper
75 100
110 0.0 17.3 51.9#
77 0.0 24.7 37.1#

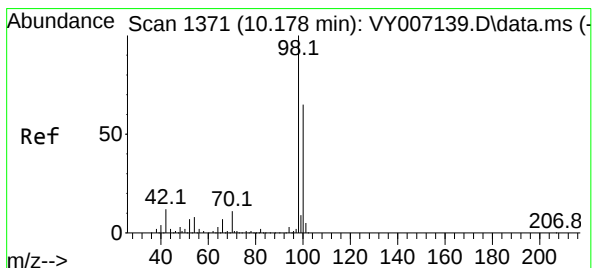
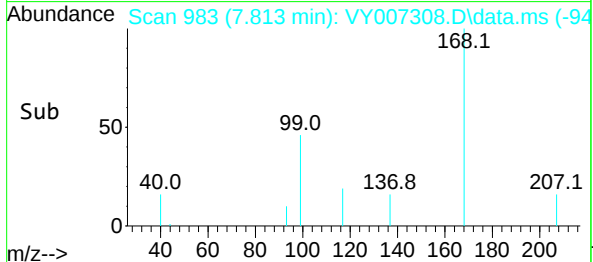
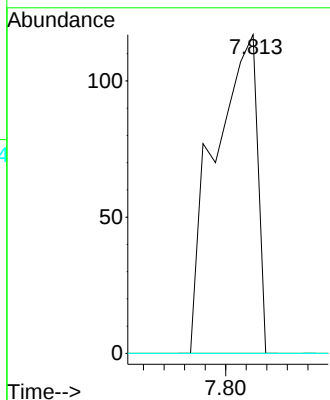
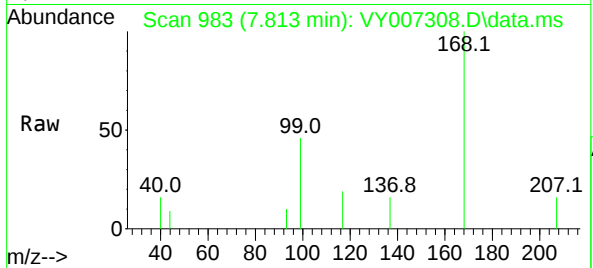




#38
Carbon Tetrachloride
Concen: 3.084 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.085 min
Lab File: VY007308.D
Acq: 26 Jan 2022 15:53

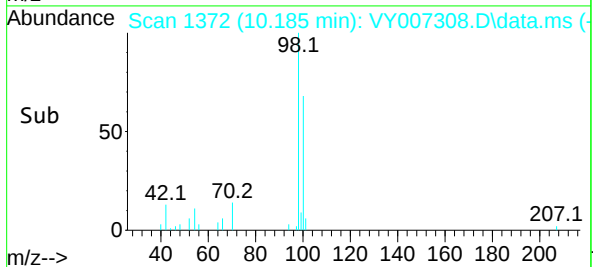
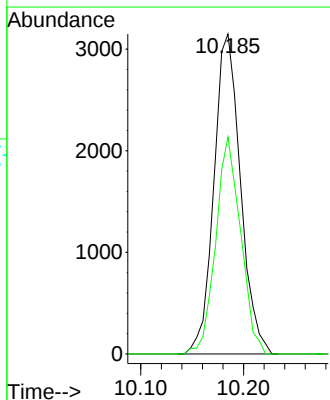
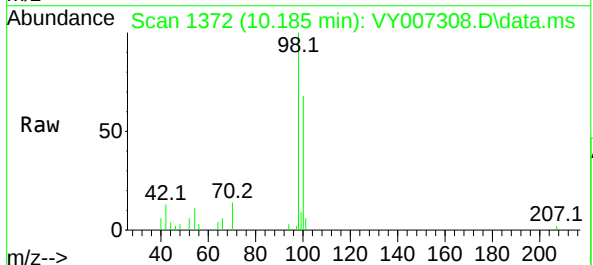
Instrument :
MSVOA_Y
ClientSampleId :
VOC

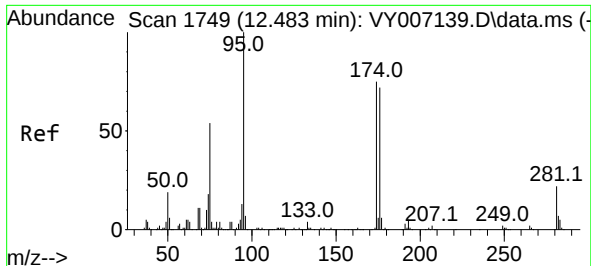
Tgt Ion:117 Resp: 168
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.640 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY007308.D
Acq: 26 Jan 2022 15:53

Tgt Ion: 98 Resp: 5644
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 45.987 ug/l

RT: 12.489 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY007308.D

Acq: 26 Jan 2022 15:53

Instrument :

MSVOA_Y

ClientSampleId :

VOC

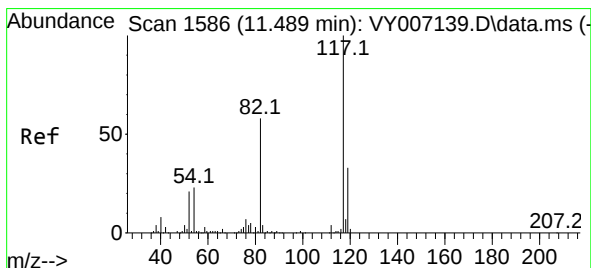
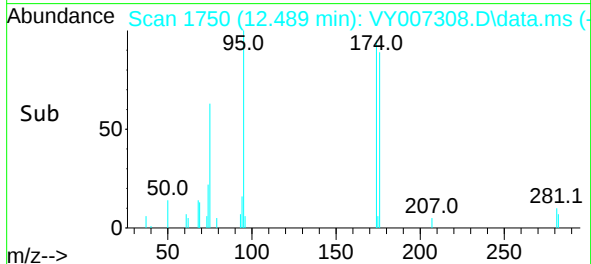
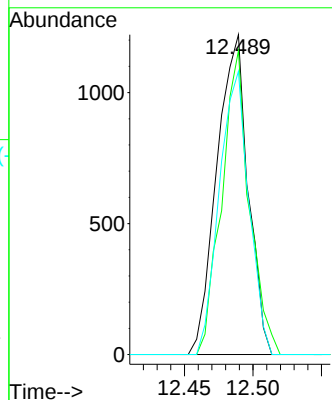
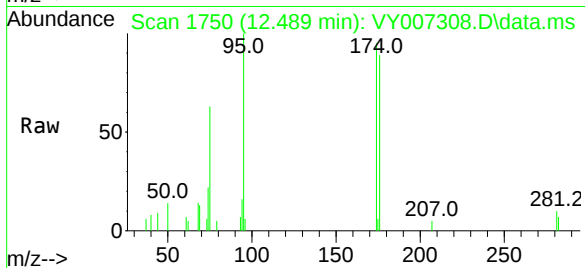
Tgt Ion: 95 Resp: 1938

Ion Ratio Lower Upper

95 100

174 83.9 0.0 148.4

176 83.4 0.0 146.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1587

Delta R.T. 0.006 min

Lab File: VY007308.D

Acq: 26 Jan 2022 15:53

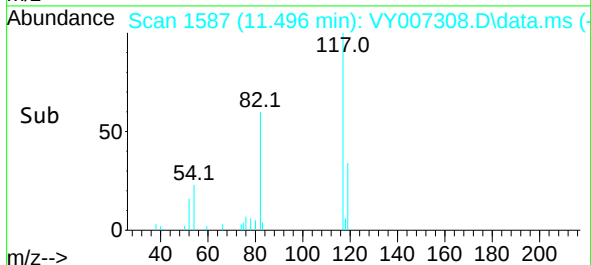
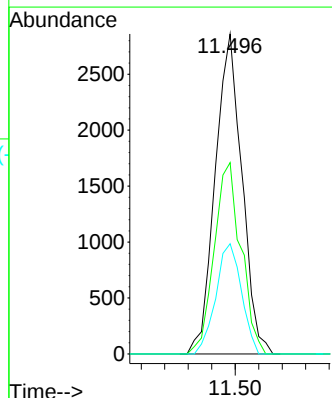
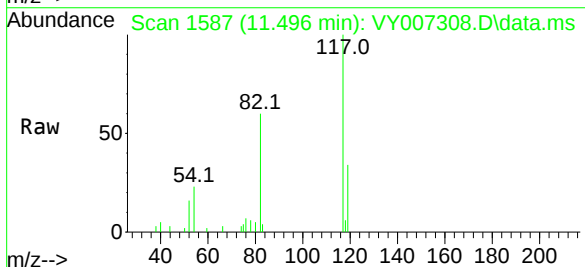
Tgt Ion: 117 Resp: 4526

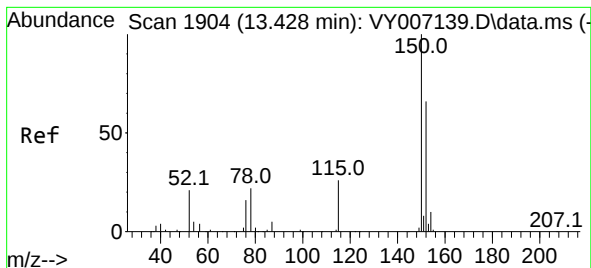
Ion Ratio Lower Upper

117 100

82 59.8 45.4 68.0

119 34.4 26.4 39.6

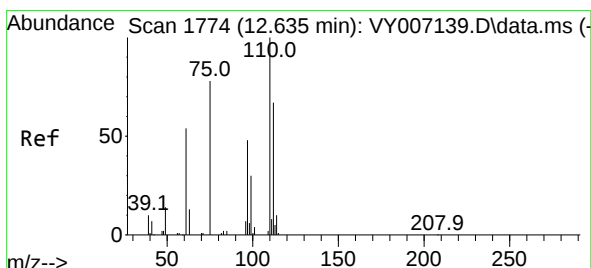
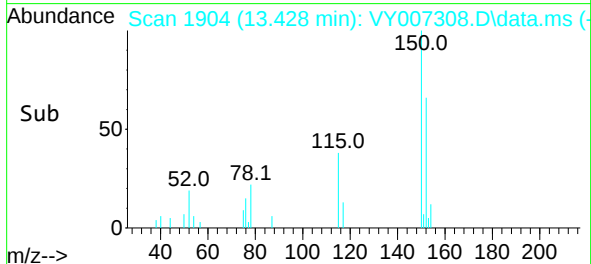
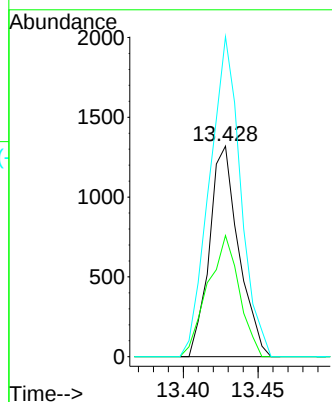
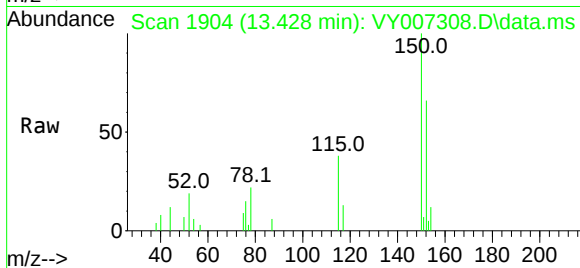




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007308.D
 Acq: 26 Jan 2022 15:53

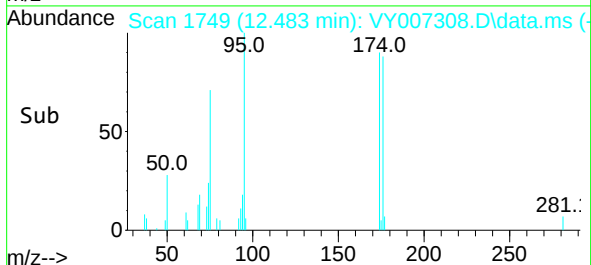
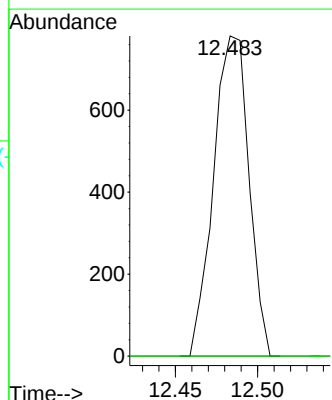
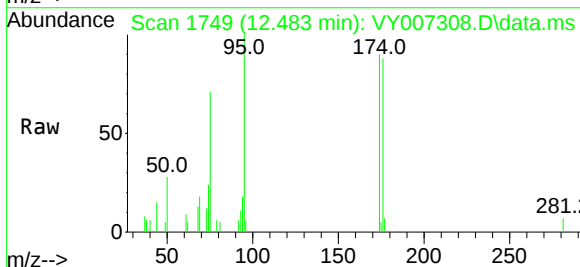
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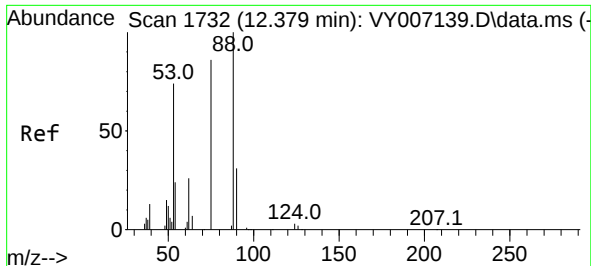
Tgt Ion:152 Resp: 1792
 Ion Ratio Lower Upper
 152 100
 115 61.9 31.4 94.0
 150 162.0 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 57.210 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007308.D
 Acq: 26 Jan 2022 15:53

Tgt Ion: 75 Resp: 1169
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

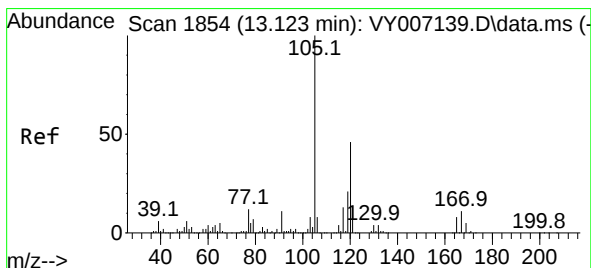
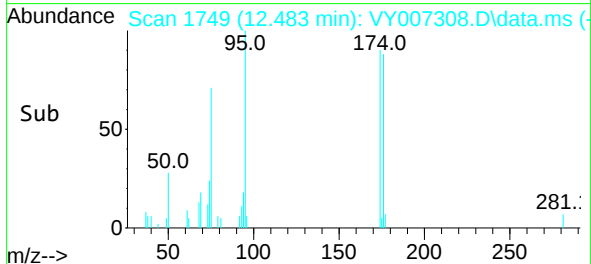
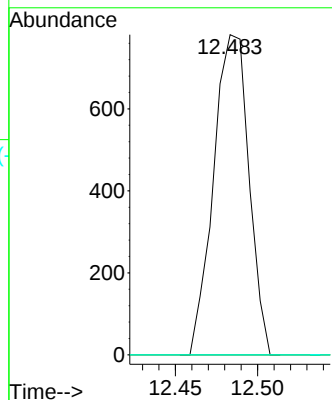
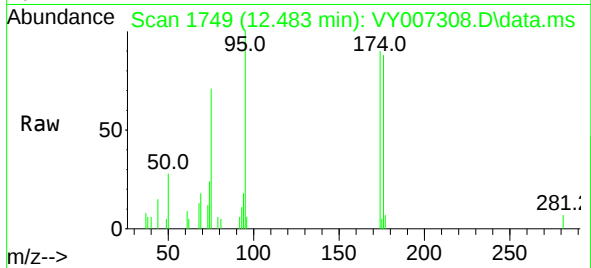




#81
trans-1,4-Dichloro-2-butene
Concen: 104.736 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007308.D
Acq: 26 Jan 2022 15:53

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 75 Resp: 1169
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.0 0.0 0.0



#84
1,2,4-Trimethylbenzene
Concen: 2.358 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY007308.D
Acq: 26 Jan 2022 15:53

Tgt Ion: 105 Resp: 297
Ion Ratio Lower Upper
105 100
120 6.7 21.6 64.6#

