

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007961.D
 Acq On : 21 Mar 2022 17:46
 Operator : SY/MD
 Sample : N1917-02RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOCRE

Quant Time: Mar 22 03:40:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

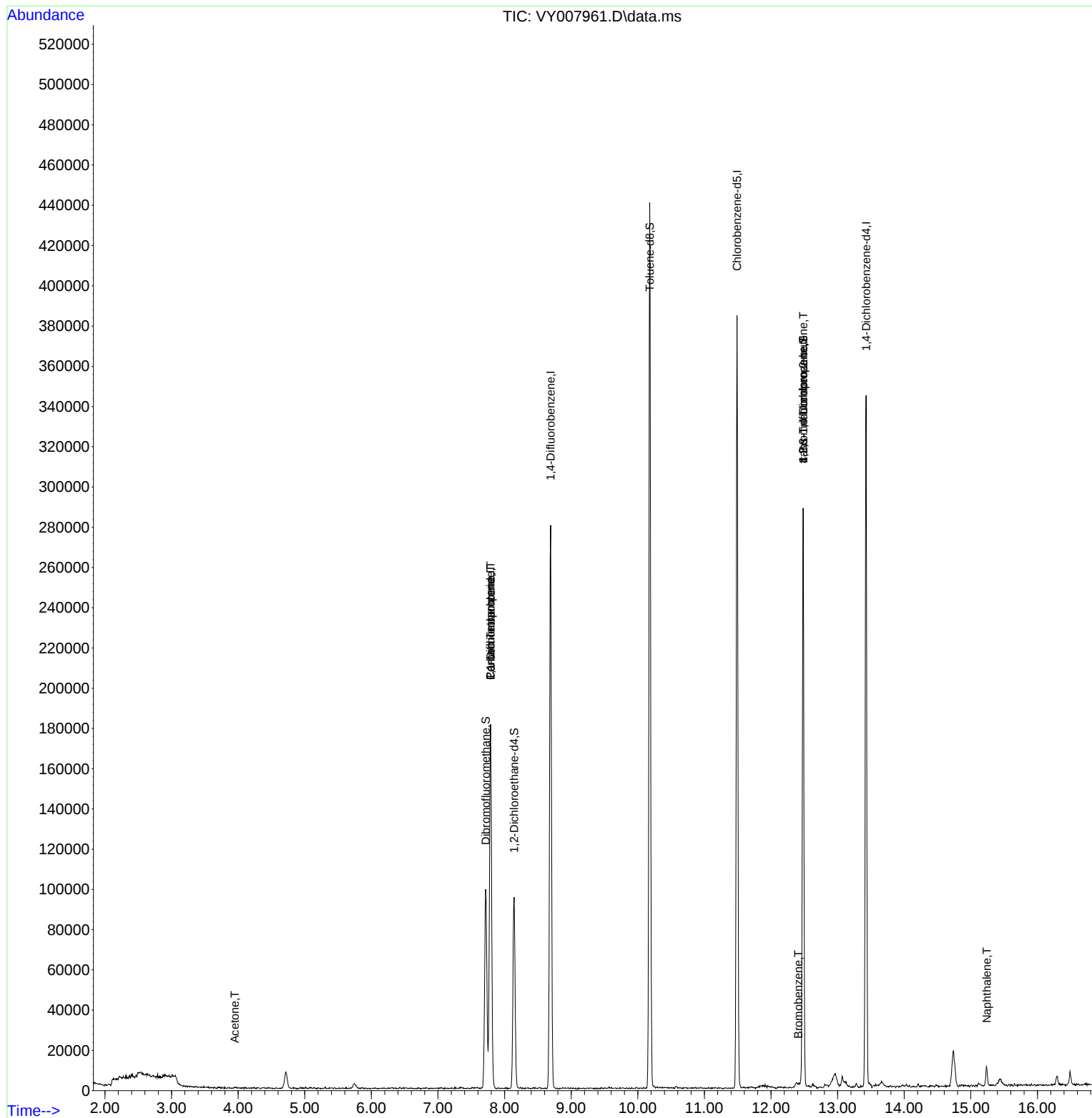
Internal Standards						
1) Pentafluorobenzene	7.789	168	134105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	237141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	201921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	73099	47.807	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.620%		
35) Dibromofluoromethane	7.716	113	72439	43.496	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.000%		
50) Toluene-d8	10.179	98	286186	57.832	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	115.660%		
62) 4-Bromofluorobenzene	12.483	95	92233	38.588	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	77.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	69	Below Cal	#	43
3) Chloromethane	2.113	50	577	Below Cal	#	81
4) Vinyl Chloride	2.266	62	488	Below Cal	#	43
5) Bromomethane	2.668	94	364	Below Cal	#	58
16) Acetone	3.948	43	1033	2.547	ug/l #	82
18) Methyl Acetate	4.460	43	279	Below Cal	#	56
20) Methylene Chloride	4.716	84	5593	Below Cal		84
31) Cyclohexane	7.783	56	3191	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	11127	4.505	ug/l #	52
38) Carbon Tetrachloride	7.789	117	14401	5.456	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	47584	40.947	ug/l #	100
77) Bromobenzene	12.410	156	2264	1.381	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	47584	86.005	ug/l #	7
95) Naphthalene	15.239	128	7181	1.767	ug/l #	97

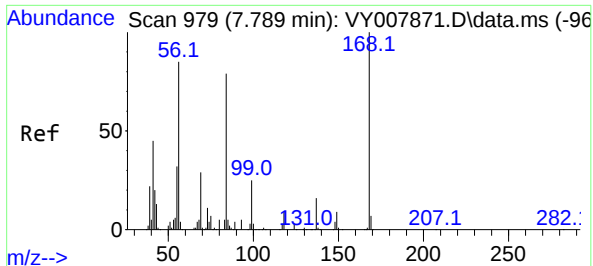
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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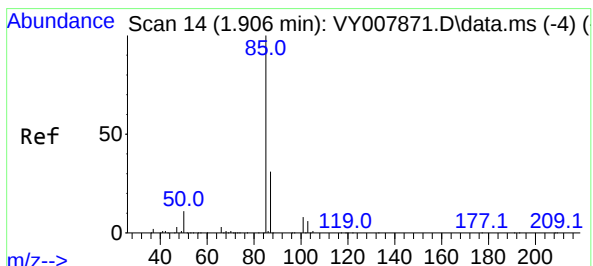
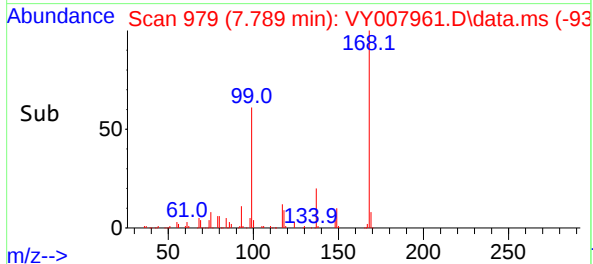
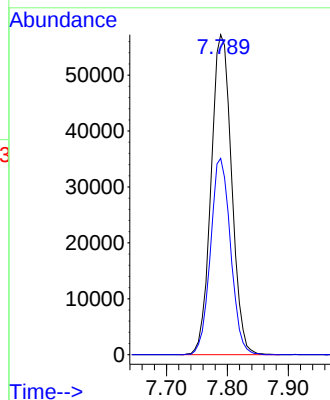
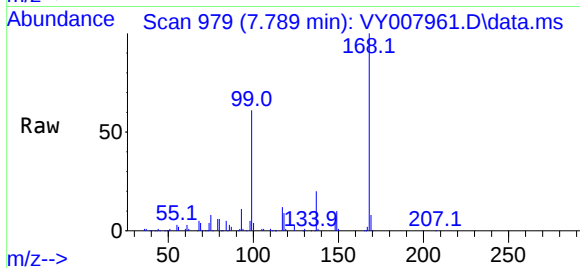




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007961.D
Acq: 21 Mar 2022 17:46

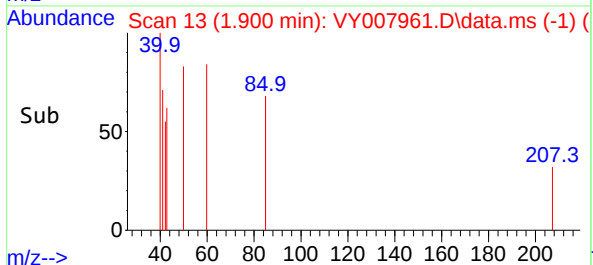
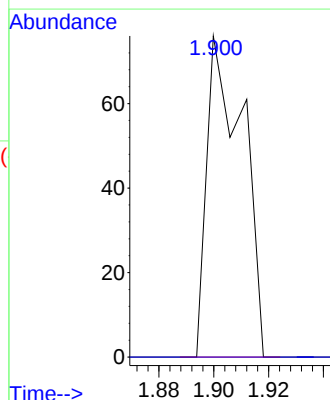
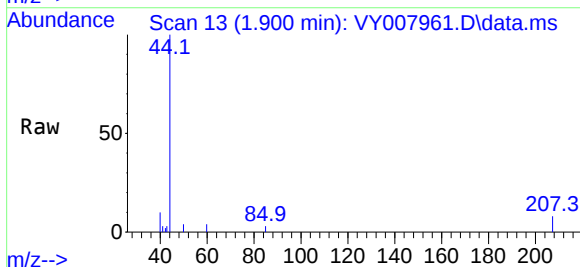
Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

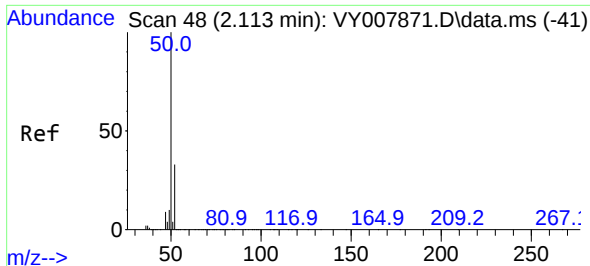
Tgt Ion:168 Resp: 134105
Ion Ratio Lower Upper
168 100
99 61.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY007961.D
Acq: 21 Mar 2022 17:46

Tgt Ion: 85 Resp: 69
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

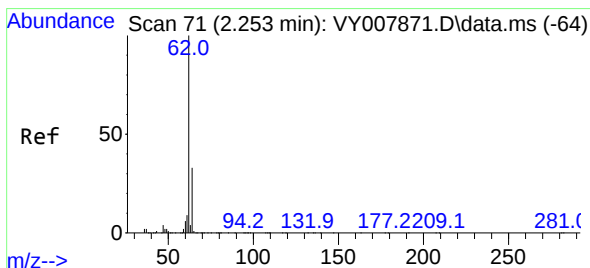
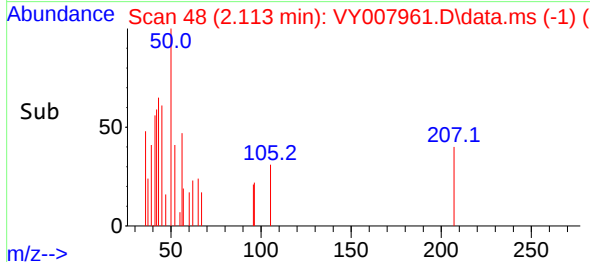
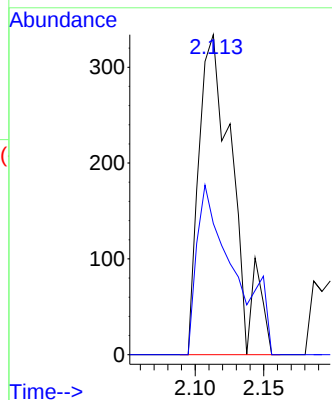
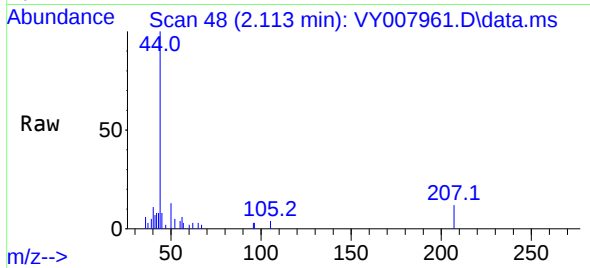




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY007961.D
Acq: 21 Mar 2022 17:46

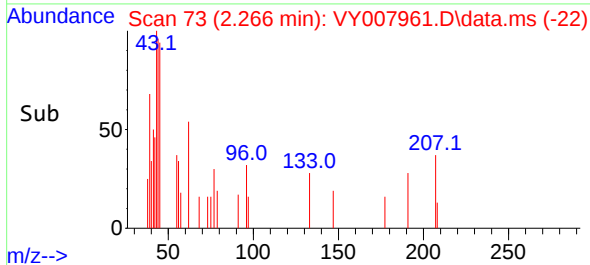
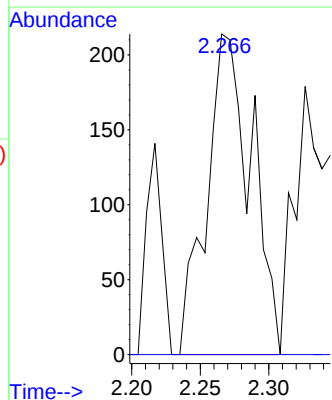
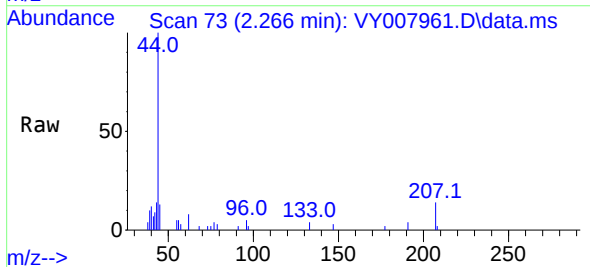
Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

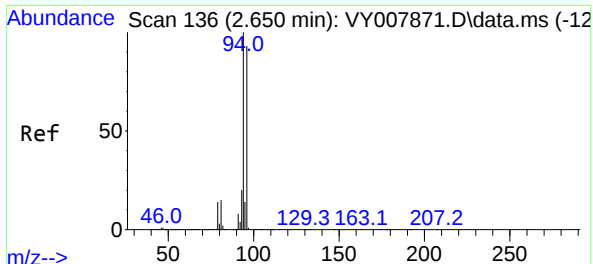
Tgt Ion: 50 Resp: 577
Ion Ratio Lower Upper
50 100
52 41.0 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.266 min Scan# 73
Delta R.T. 0.012 min
Lab File: VY007961.D
Acq: 21 Mar 2022 17:46

Tgt Ion: 62 Resp: 488
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

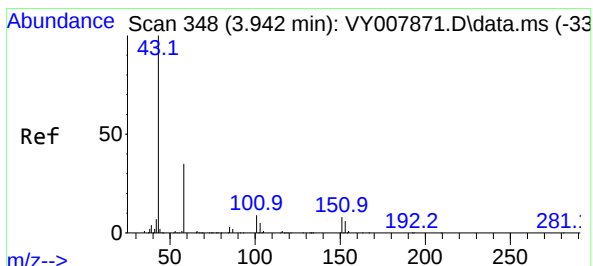
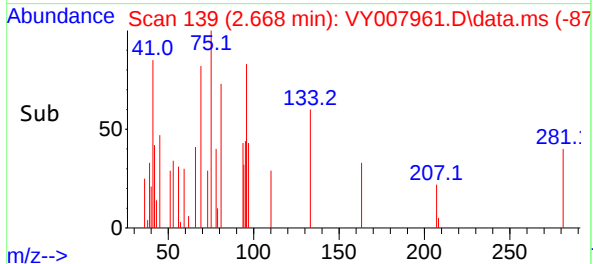
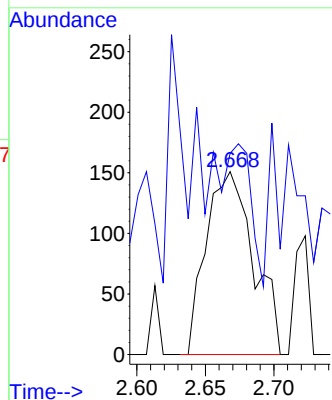
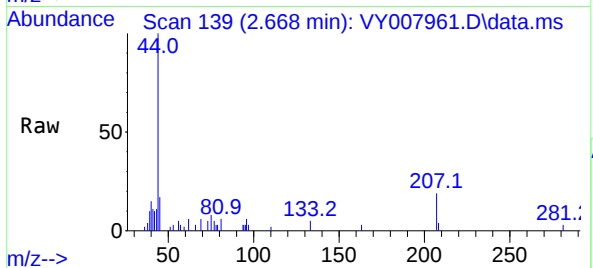




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY007961.D
Acq: 21 Mar 2022 17:46

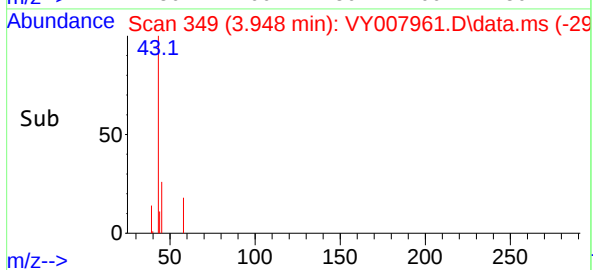
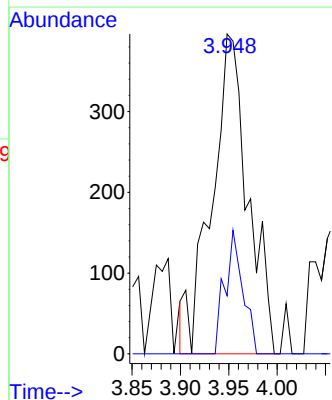
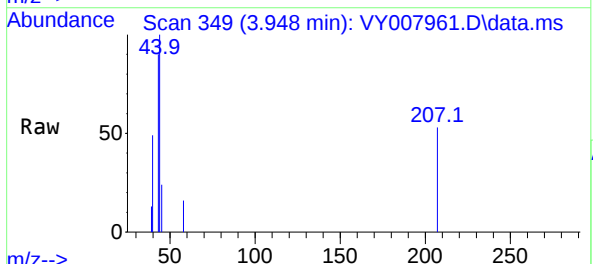
Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

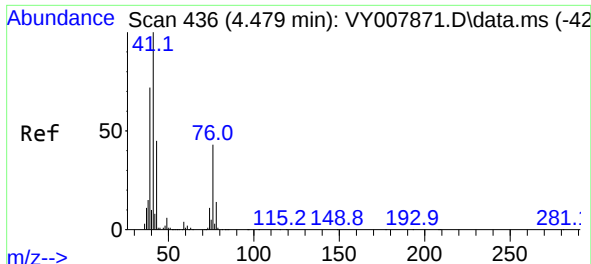
Tgt Ion: 94 Resp: 364
Ion Ratio Lower Upper
94 100
96 52.3 73.5 110.3#



#16
Acetone
Concen: 2.547 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY007961.D
Acq: 21 Mar 2022 17:46

Tgt Ion: 43 Resp: 1033
Ion Ratio Lower Upper
43 100
58 18.2 22.0 33.0#

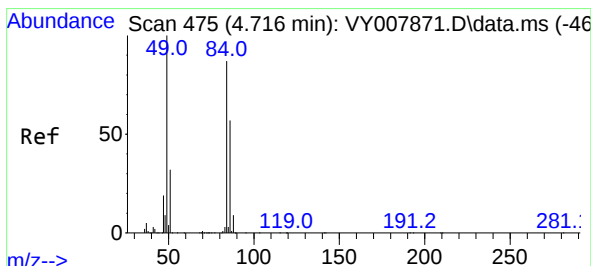
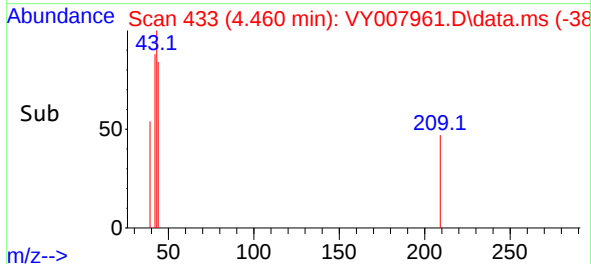
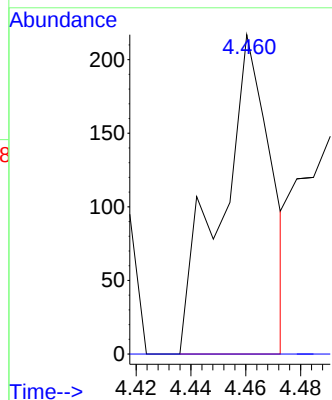
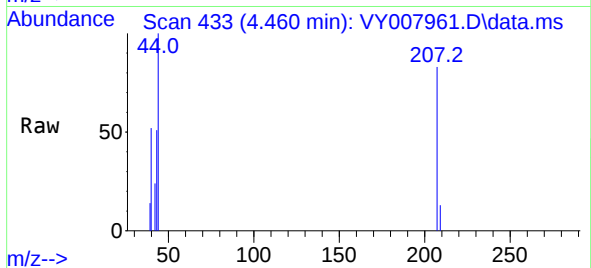




#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY007961.D
Acq: 21 Mar 2022 17:46

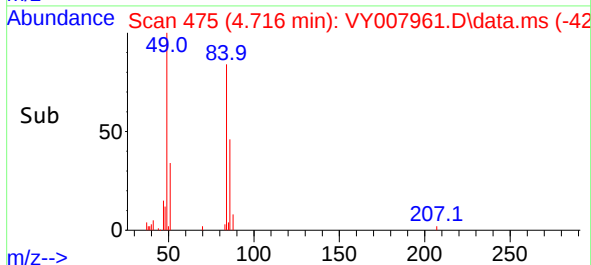
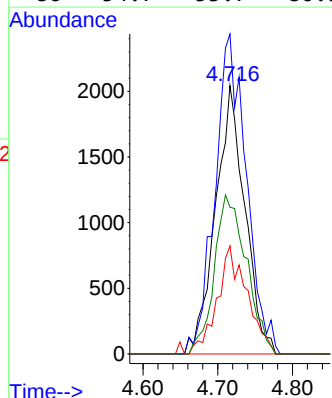
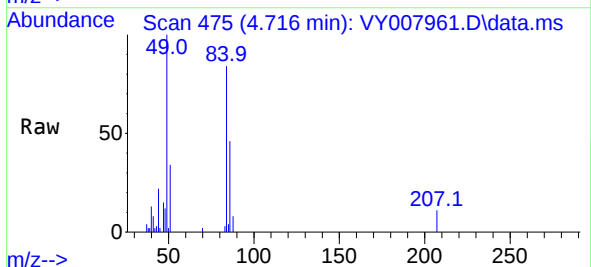
Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

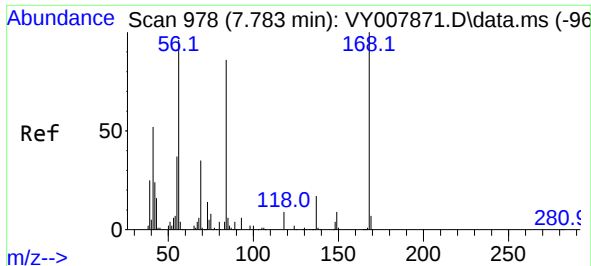
Tgt Ion: 43 Resp: 279
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY007961.D
Acq: 21 Mar 2022 17:46

Tgt Ion: 84 Resp: 5593
Ion Ratio Lower Upper
84 100
49 119.3 114.4 171.6
51 40.3 35.3 52.9
86 54.7 53.7 80.5

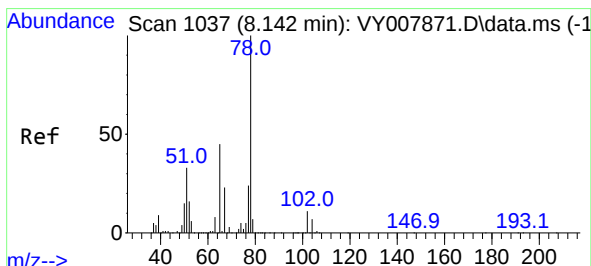
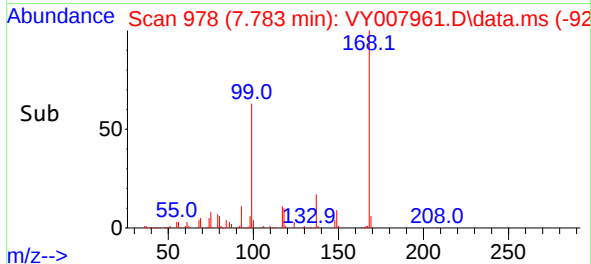
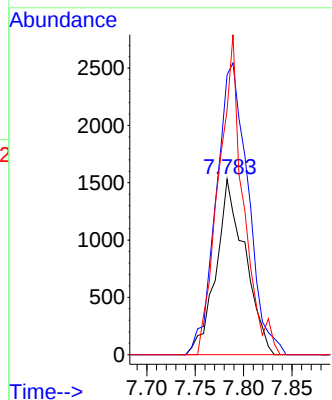
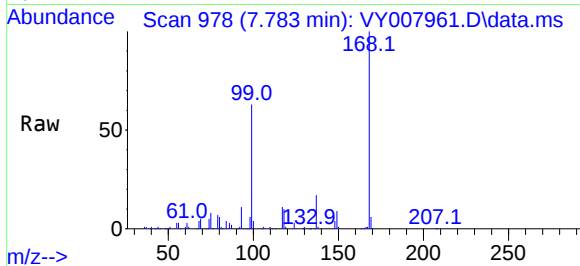




#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007961.D
Acq: 21 Mar 2022 17:46

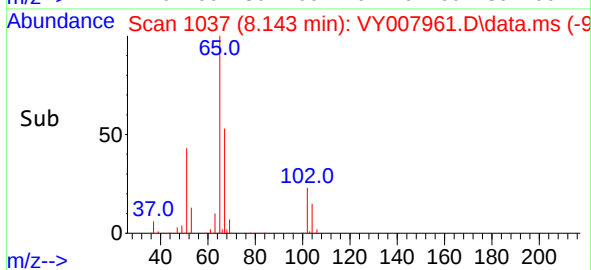
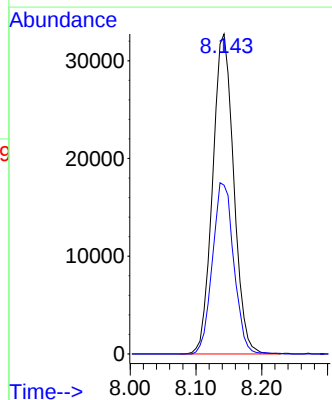
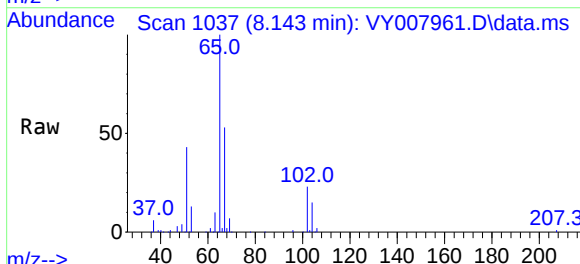
Instrument :
MSVOA_Y
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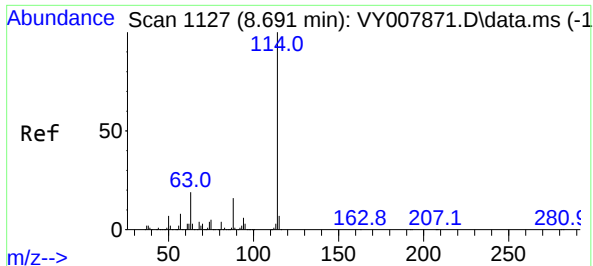
Tgt Ion: 56 Resp: 3191
Ion Ratio Lower Upper
56 100
69 159.5 26.7 40.1#
84 139.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 47.807 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007961.D
Acq: 21 Mar 2022 17:46

Tgt Ion: 65 Resp: 73099
Ion Ratio Lower Upper
65 100
67 54.2 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: VY007961.D

Acq: 21 Mar 2022 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VOCRE

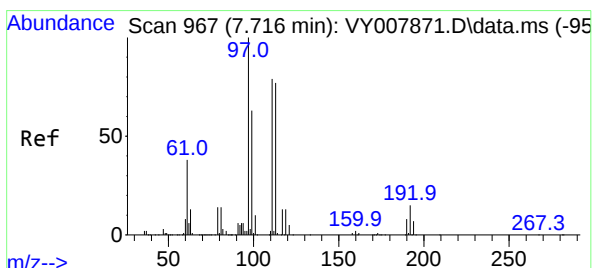
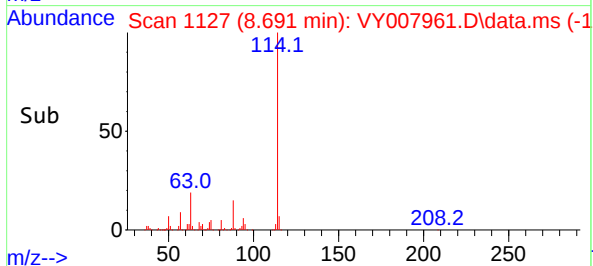
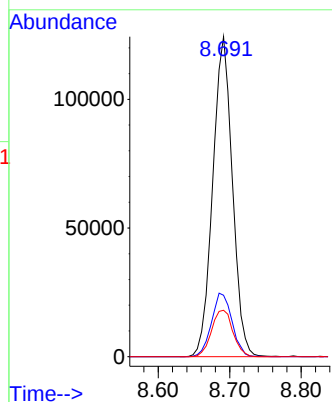
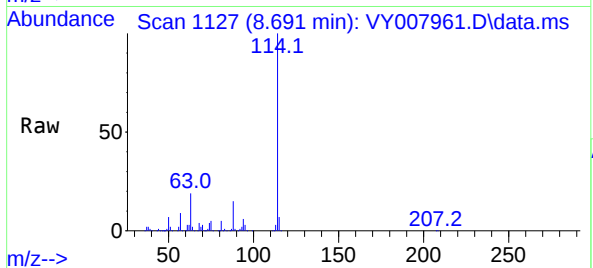
Tgt Ion:114 Resp: 237141

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.496 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007961.D

Acq: 21 Mar 2022 17:46

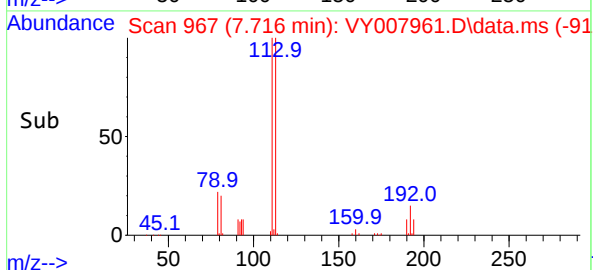
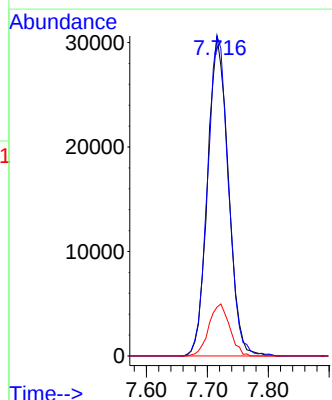
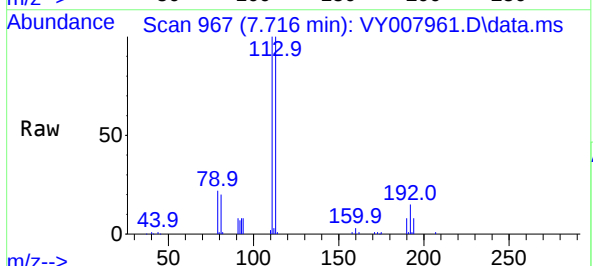
Tgt Ion:113 Resp: 72439

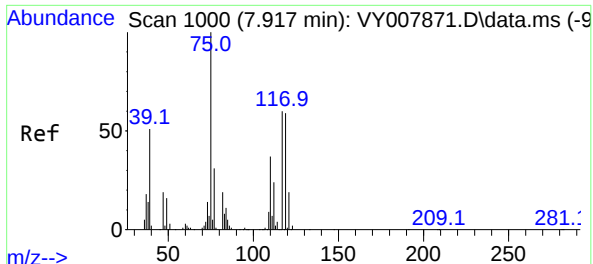
Ion Ratio Lower Upper

113 100

111 100.6 82.6 124.0

192 16.3 17.6 26.4#

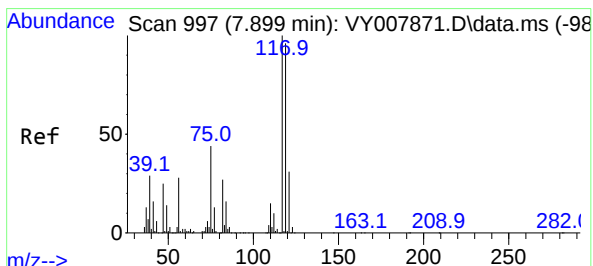
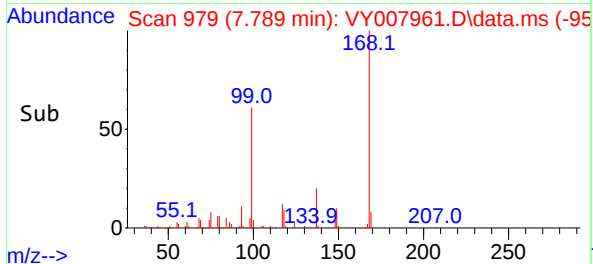
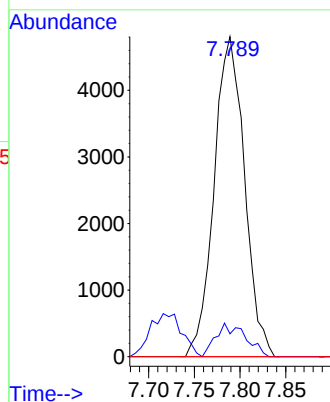
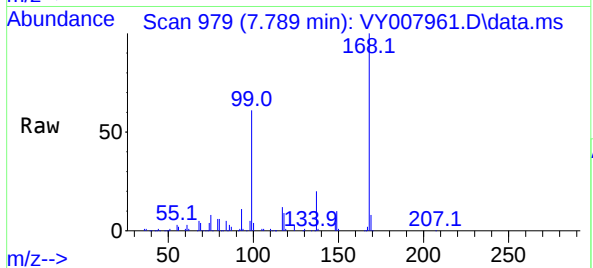




#36
1,1-Dichloropropene
Concen: 4.505 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.128 min
Lab File: VY007961.D
Acq: 21 Mar 2022 17:46

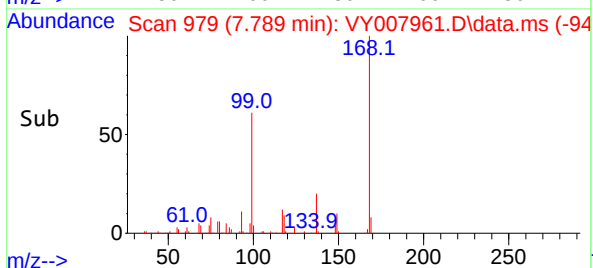
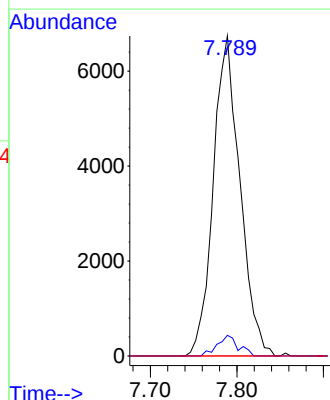
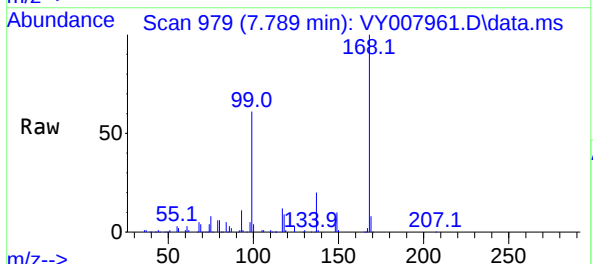
Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

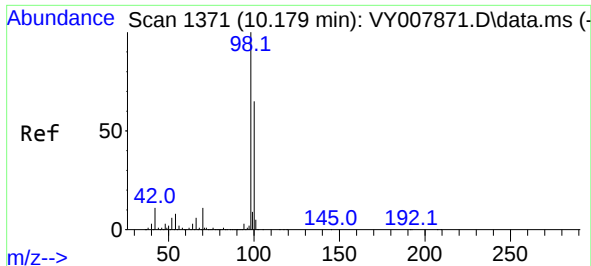
Tgt Ion: 75 Resp: 11127
Ion Ratio Lower Upper
75 100
110 10.2 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.456 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY007961.D
Acq: 21 Mar 2022 17:46

Tgt Ion: 117 Resp: 14401
Ion Ratio Lower Upper
117 100
119 6.4 77.9 116.9#
121 0.0 24.8 37.2#

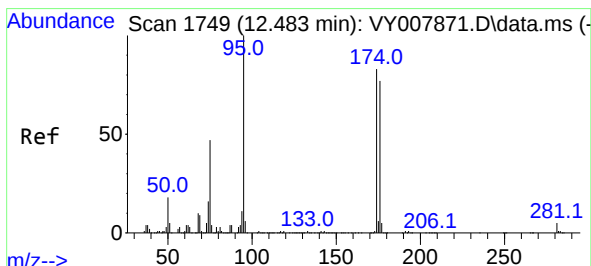
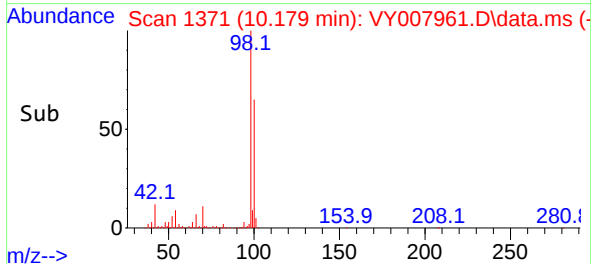
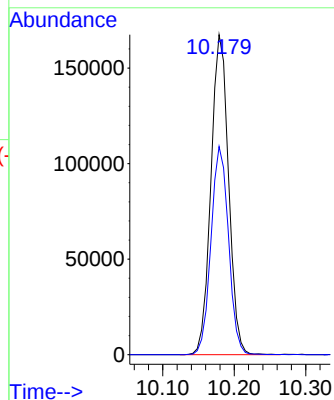
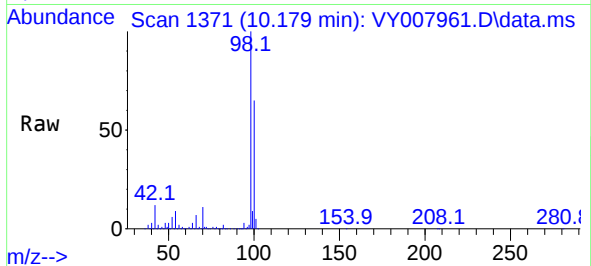




#50
Toluene-d8
Concen: 57.832 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007961.D
Acq: 21 Mar 2022 17:46

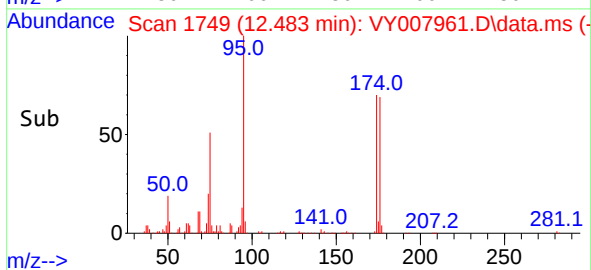
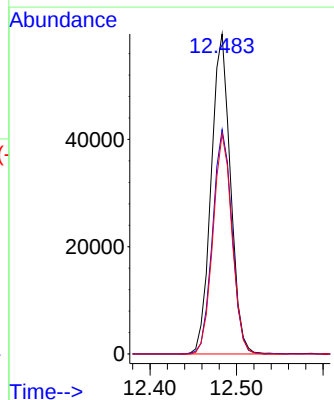
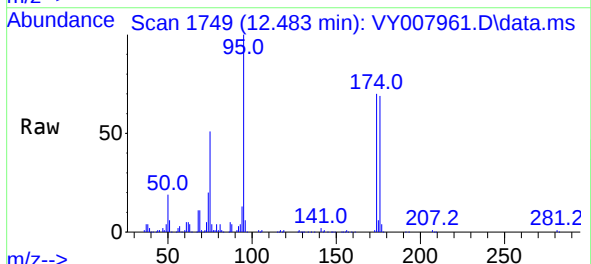
Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

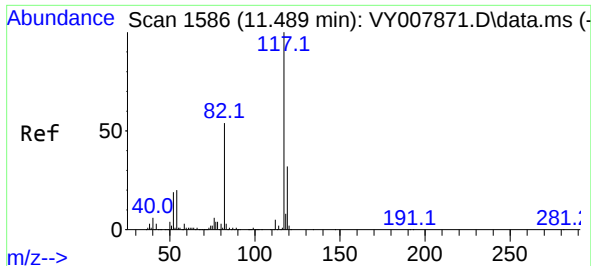
Tgt Ion: 98 Resp: 286186
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.588 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007961.D
Acq: 21 Mar 2022 17:46

Tgt Ion: 95 Resp: 92233
Ion Ratio Lower Upper
95 100
174 70.6 0.0 177.0
176 67.7 0.0 175.8

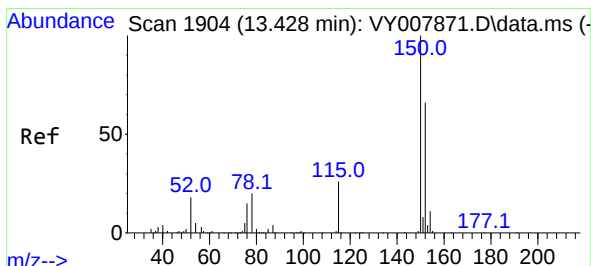
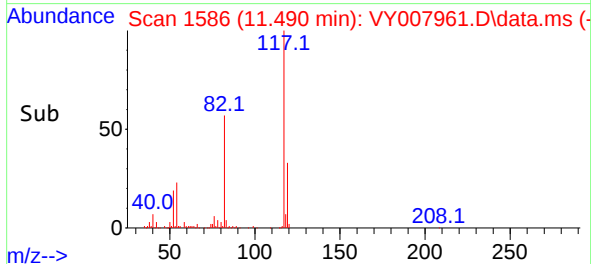
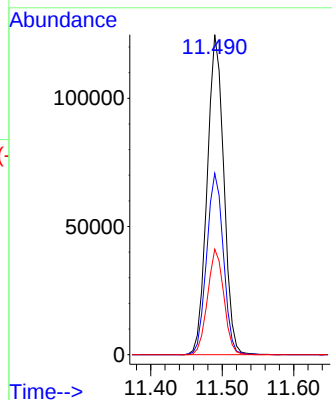
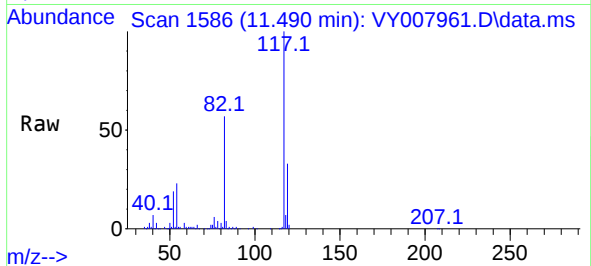




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007961.D
Acq: 21 Mar 2022 17:46

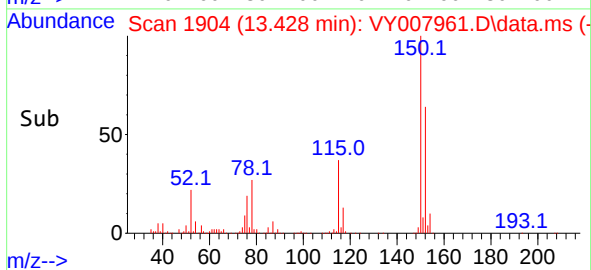
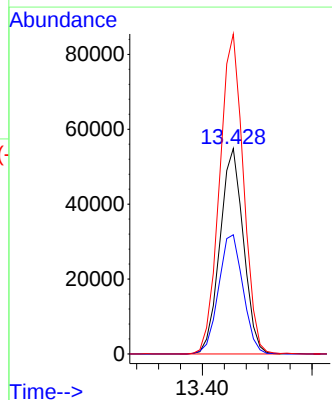
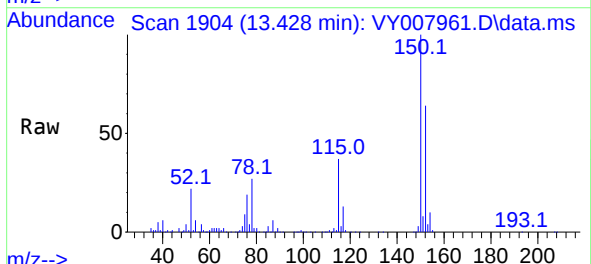
Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

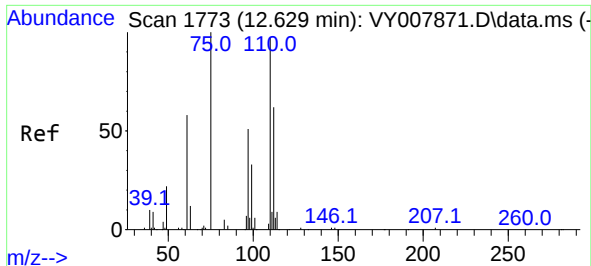
Tgt Ion:117 Resp: 201921
Ion Ratio Lower Upper
117 100
82 56.6 43.0 64.4
119 33.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007961.D
Acq: 21 Mar 2022 17:46

Tgt Ion:152 Resp: 81531
Ion Ratio Lower Upper
152 100
115 60.6 28.2 84.7
150 158.2 0.0 347.6

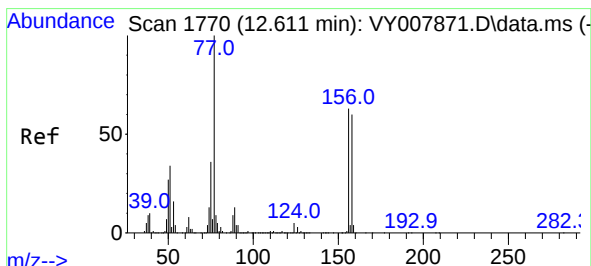
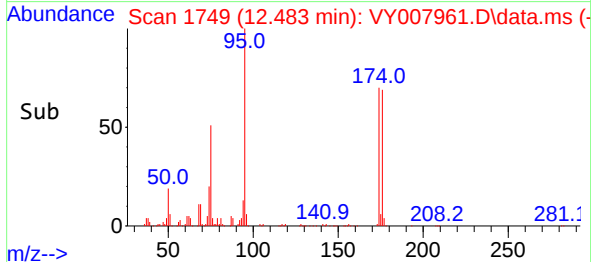
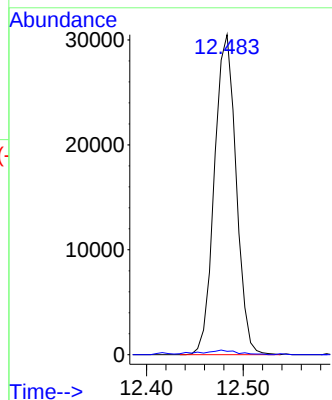
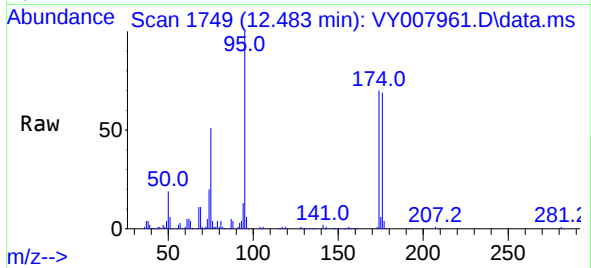




#76
1,2,3-Trichloropropane
Concen: 40.947 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.152 min
Lab File: VY007961.D
Acq: 21 Mar 2022 17:46

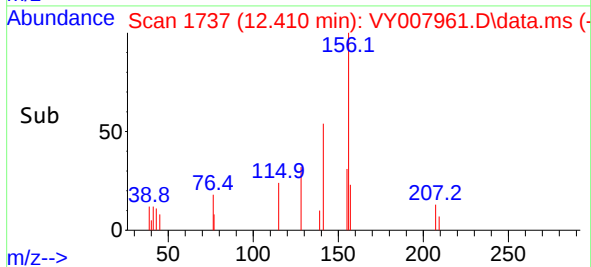
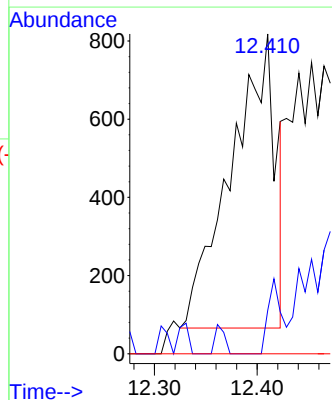
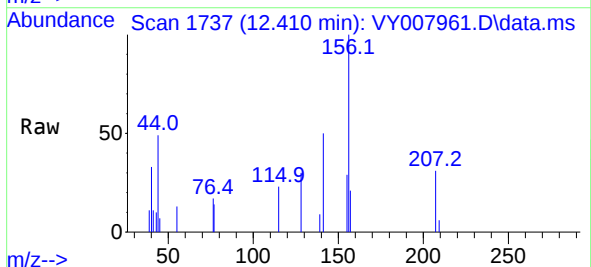
Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

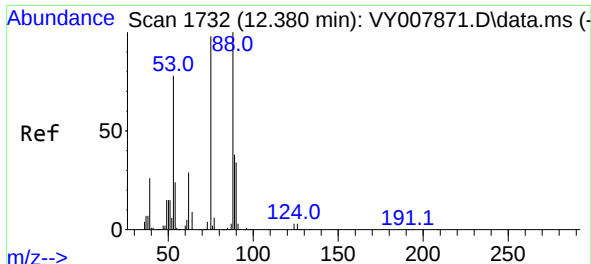
Tgt Ion: 75 Resp: 47584
Ion Ratio Lower Upper
75 100
77 2.4 0.0 0.0#



#77
Bromobenzene
Concen: 1.381 ug/l
RT: 12.410 min Scan# 1737
Delta R.T. -0.201 min
Lab File: VY007961.D
Acq: 21 Mar 2022 17:46

Tgt Ion:156 Resp: 2264
Ion Ratio Lower Upper
156 100
77 7.7 95.5 286.4#
158 0.0 48.0 144.0#

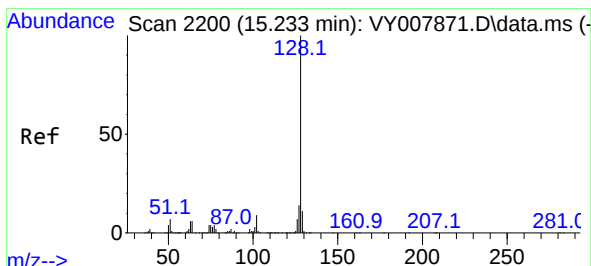
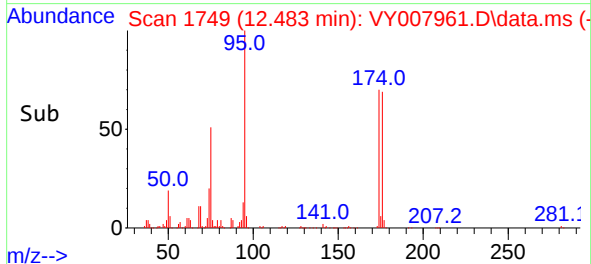
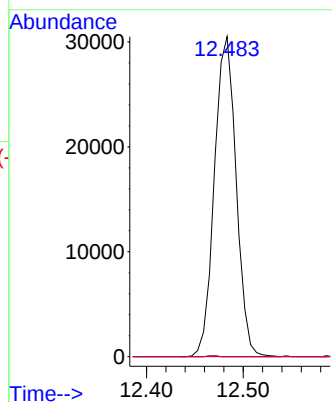
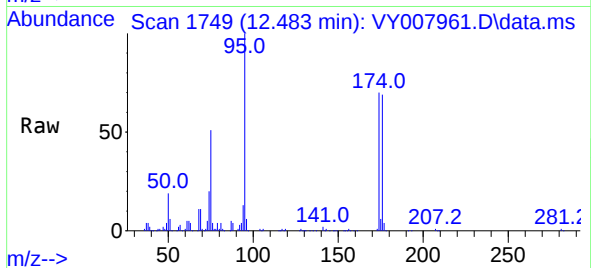




#81
trans-1,4-Dichloro-2-butene
Concen: 86.005 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY007961.D
Acq: 21 Mar 2022 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

Tgt Ion: 75 Resp: 47584
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 1.767 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY007961.D
Acq: 21 Mar 2022 17:46

Tgt Ion:128 Resp: 7181
Ion Ratio Lower Upper
128 100
127 13.2 11.0 16.4
129 12.6 8.4 12.6#

