

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042622\
 Data File : VY008503.D
 Acq On : 26 Apr 2022 14:53
 Operator : KP/MD
 Sample : N2502-09
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C5

Quant Time: Apr 27 01:22:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

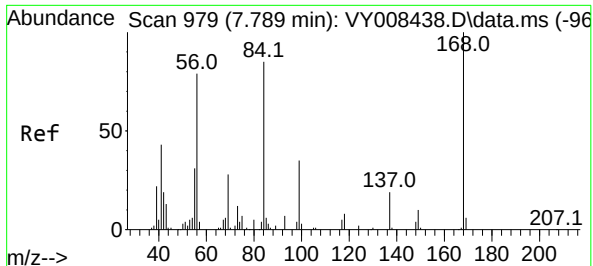
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	17514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	30802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	28236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	12021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	10536	51.127	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.260%	
35) Dibromofluoromethane	7.722	113	6797	34.192	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 68.380%	
50) Toluene-d8	10.179	98	36756	46.553	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.100%	
62) 4-Bromofluorobenzene	12.483	95	11558	43.178	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.360%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	427	8.896	ug/l #	47
20) Methylene Chloride	4.723	84	948	Below Cal	#	71
36) 1,1-Dichloropropene	7.789	75	1423	4.500	ug/l #	48
38) Carbon Tetrachloride	7.789	117	1740	5.296	ug/l #	11
68) m/p-Xylenes	11.709	106	624	1.406	ug/l	98
69) o-Xylene	12.032	106	590	1.381	ug/l	92
76) 1,2,3-Trichloropropane	12.483	75	6380	41.010	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.813	105	2031	2.685	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.483	75	6380	95.139	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.123	105	4137	5.511	ug/l	95
85) sec-Butylbenzene	13.123	105	4137	4.174	ug/l #	56

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

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Quant Title : SW846 8260
QLast Update : Thu Apr 21 14:28:40 2022
Response via : Initial Calibration

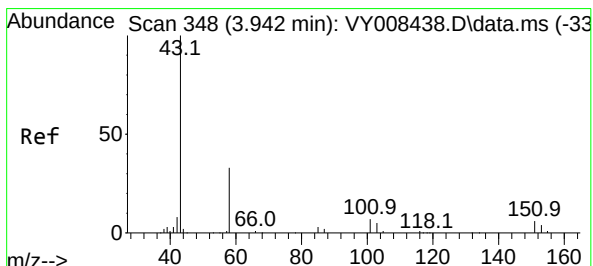
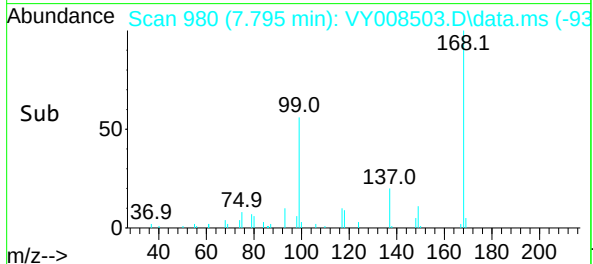
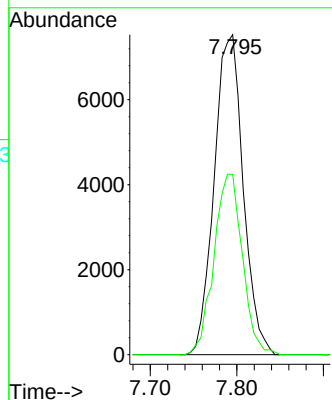
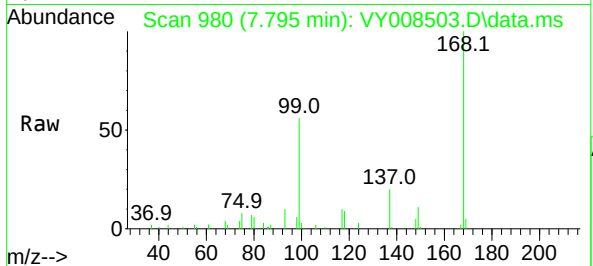




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008503.D
Acq: 26 Apr 2022 14:53

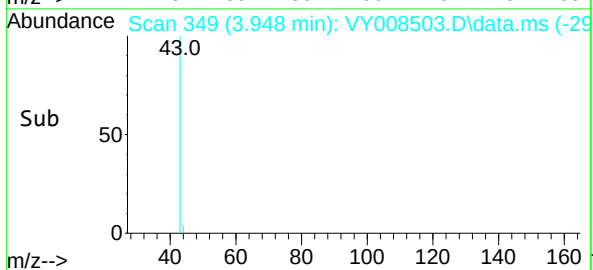
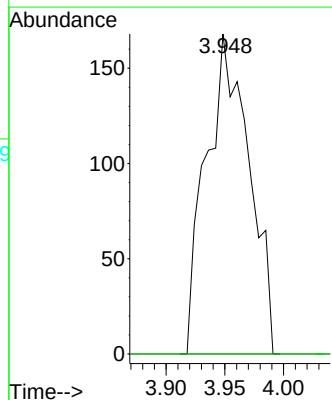
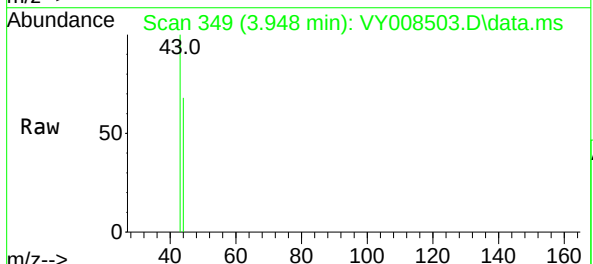
Instrument :
MSVOA_Y
ClientSampleId :
C5

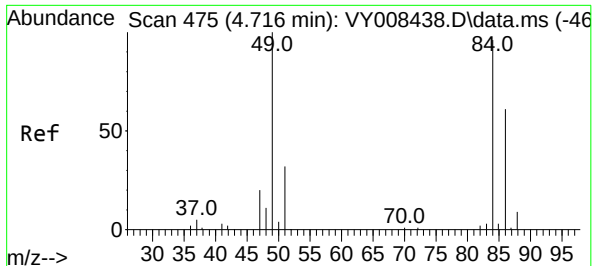
Tgt Ion:168 Resp: 17514
Ion Ratio Lower Upper
168 100
99 56.4 46.9 70.3



#16
Acetone
Concen: 8.896 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008503.D
Acq: 26 Apr 2022 14:53

Tgt Ion: 43 Resp: 427
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.723 min Scan# 41

Delta R.T. 0.007 min

Lab File: VY008503.D

Acq: 26 Apr 2022 14:53

Instrument :

MSVOA_Y

ClientSampleId :

C5

Tgt Ion: 84 Resp: 948

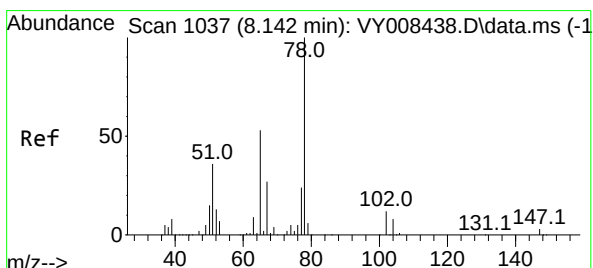
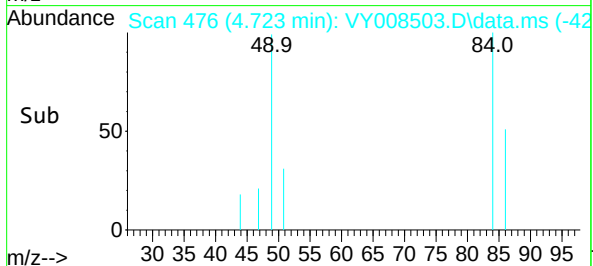
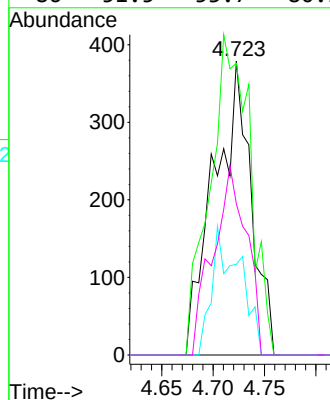
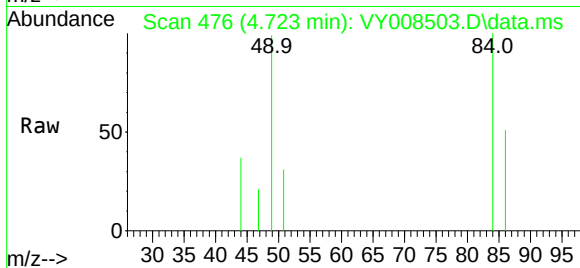
Ion Ratio Lower Upper

84 100

49 99.2 114.4 171.6#

51 30.9 35.3 52.9#

86 51.5 53.7 80.5#



#33

1,2-Dichloroethane-d4

Concen: 51.127 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY008503.D

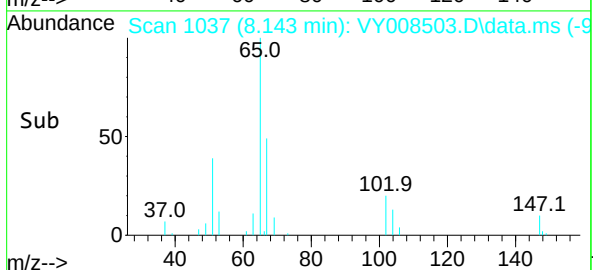
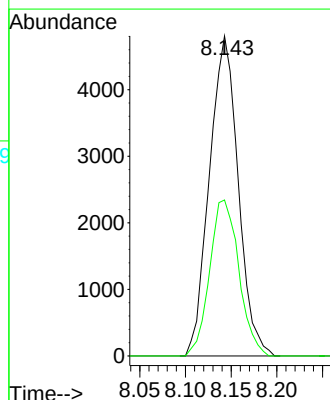
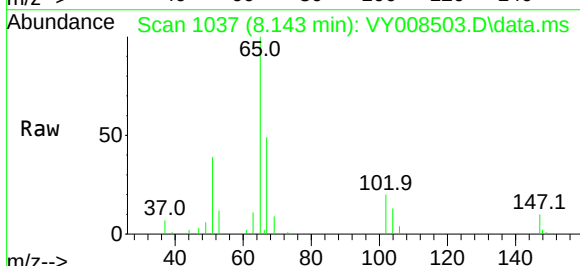
Acq: 26 Apr 2022 14:53

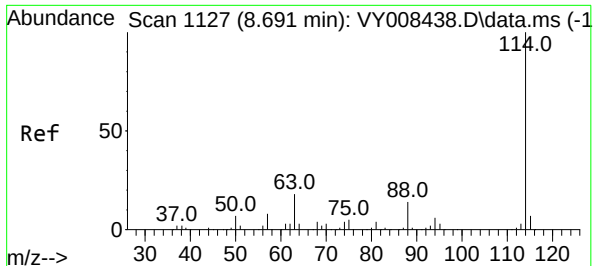
Tgt Ion: 65 Resp: 10536

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: VY008503.D

Acq: 26 Apr 2022 14:53

Instrument :

MSVOA_Y

ClientSampleId :

C5

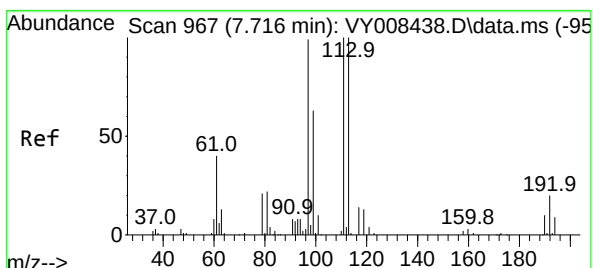
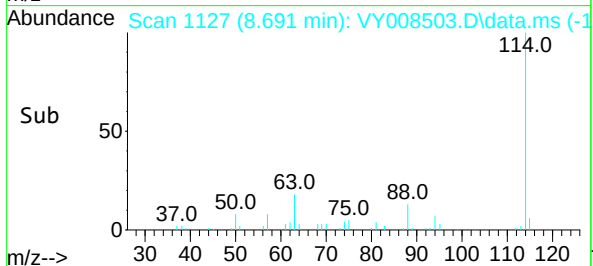
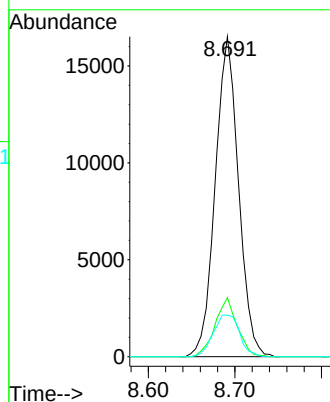
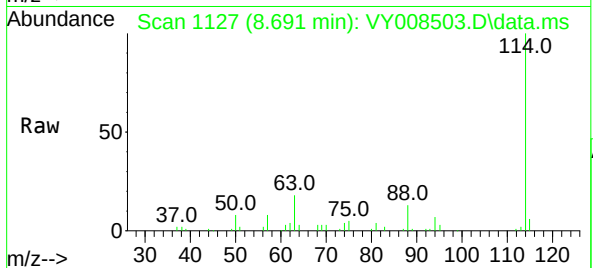
Tgt Ion:114 Resp: 30802

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 13.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 34.192 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008503.D

Acq: 26 Apr 2022 14:53

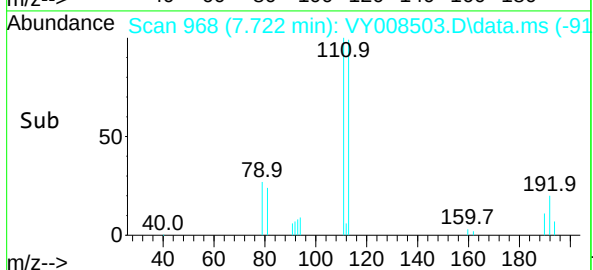
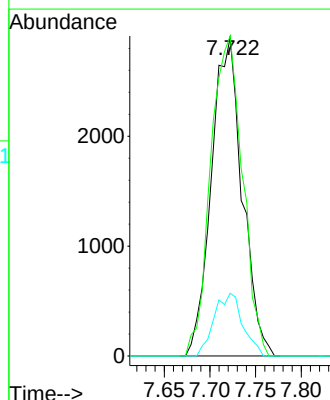
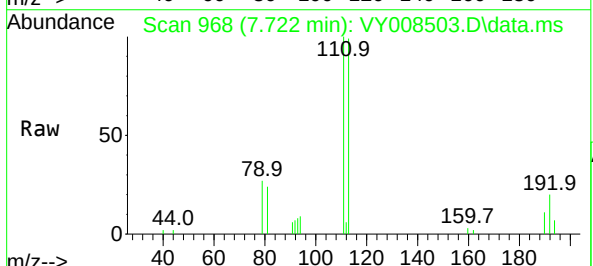
Tgt Ion:113 Resp: 6797

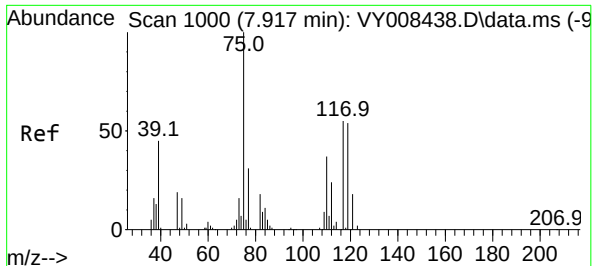
Ion Ratio Lower Upper

113 100

111 103.9 82.6 124.0

192 18.2 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.500 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008503.D

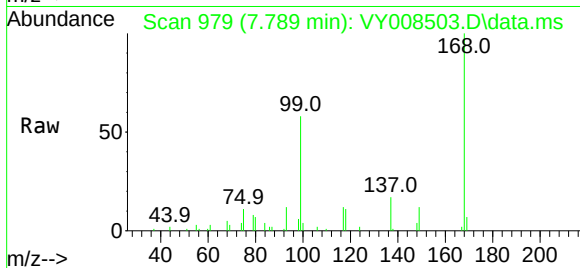
Acq: 26 Apr 2022 14:53

Instrument :

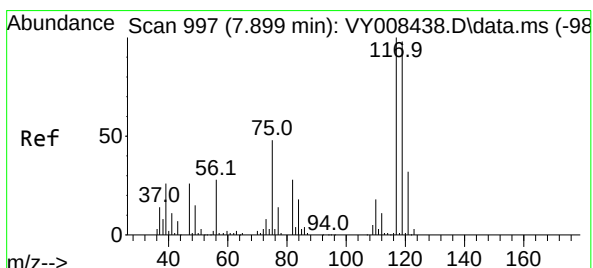
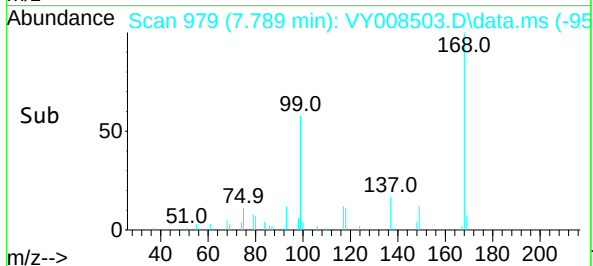
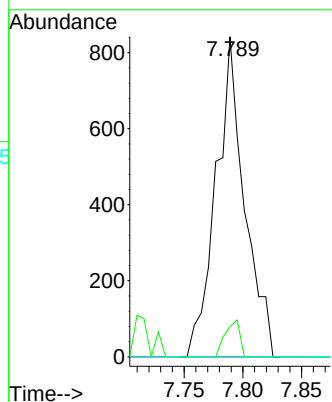
MSVOA_Y

ClientSampleId :

C5



Tgt Ion: 75	Resp: 1423
Ion Ratio	Lower Upper
75	100
110	5.8 17.1 51.2#
77	0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.296 ug/l

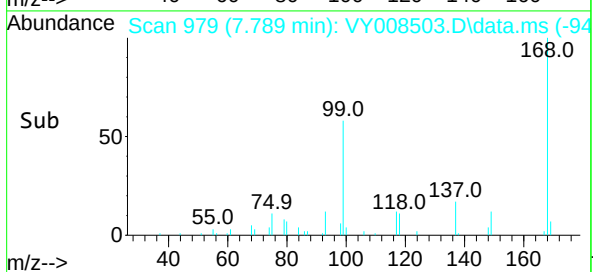
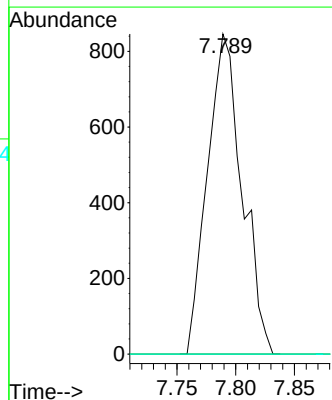
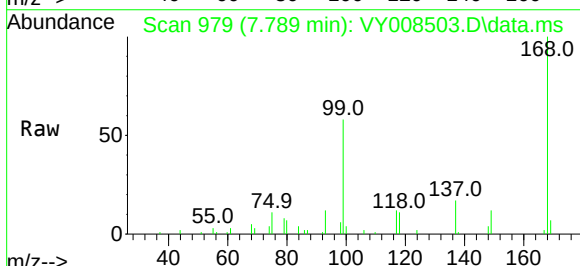
RT: 7.789 min Scan# 979

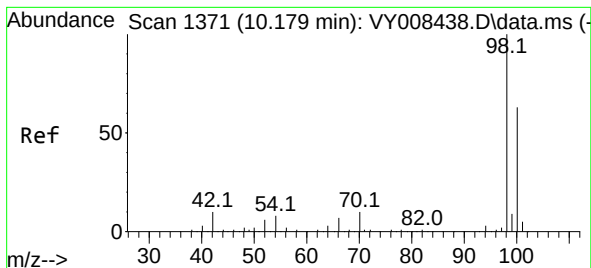
Delta R.T. -0.110 min

Lab File: VY008503.D

Acq: 26 Apr 2022 14:53

Tgt Ion: 117	Resp: 1740
Ion Ratio	Lower Upper
117	100
119	0.0 77.9 116.9#
121	0.0 24.8 37.2#





#50

Toluene-d8

Concen: 46.553 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008503.D

Acq: 26 Apr 2022 14:53

Instrument :

MSVOA_Y

ClientSampleId :

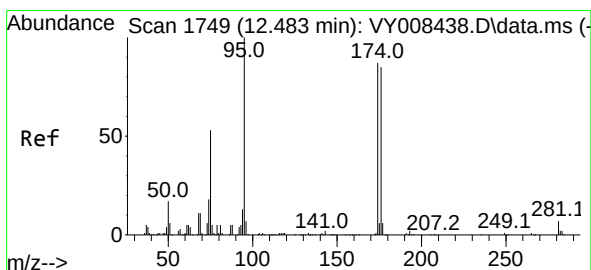
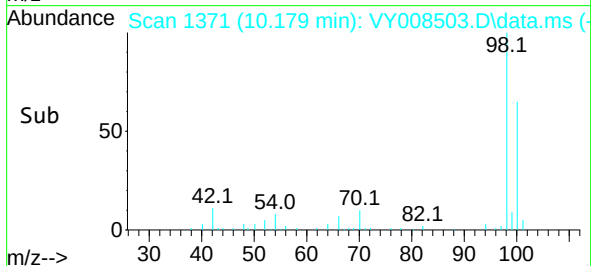
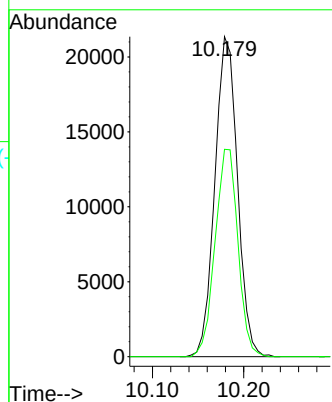
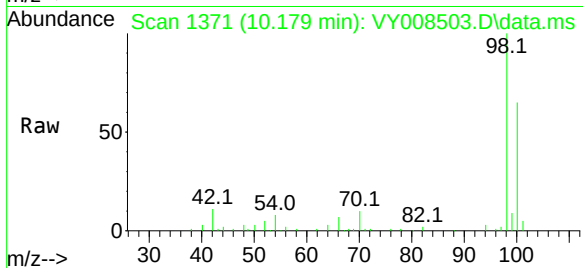
C5

Tgt Ion: 98 Resp: 36756

Ion Ratio Lower Upper

98 100

100 65.4 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 43.178 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY008503.D

Acq: 26 Apr 2022 14:53

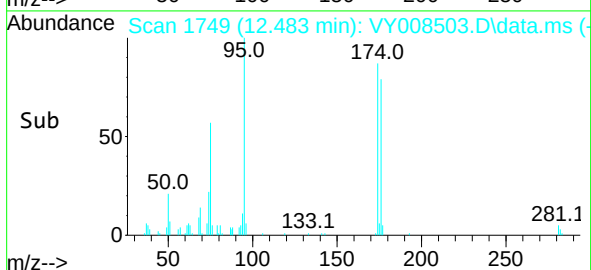
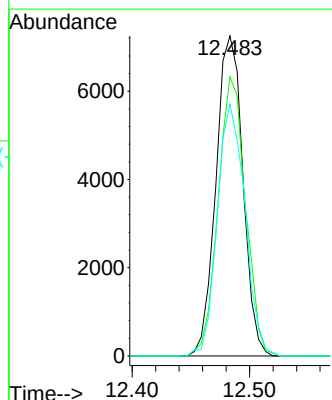
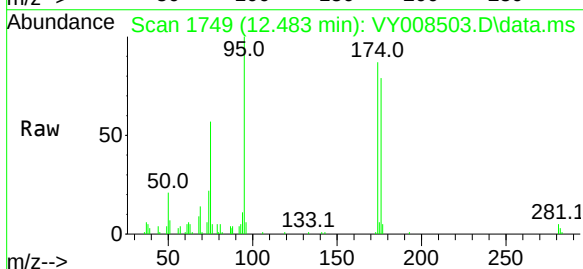
Tgt Ion: 95 Resp: 11558

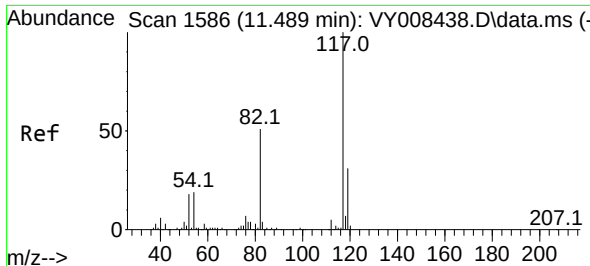
Ion Ratio Lower Upper

95 100

174 88.4 0.0 177.0

176 80.9 0.0 175.8

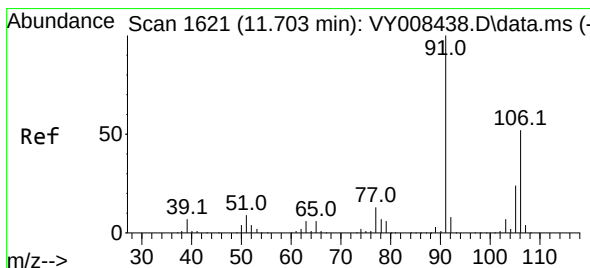
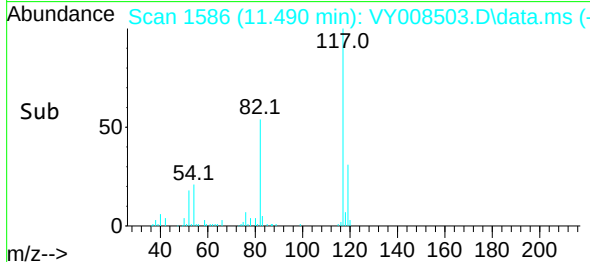
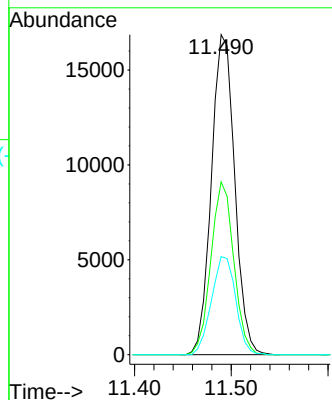
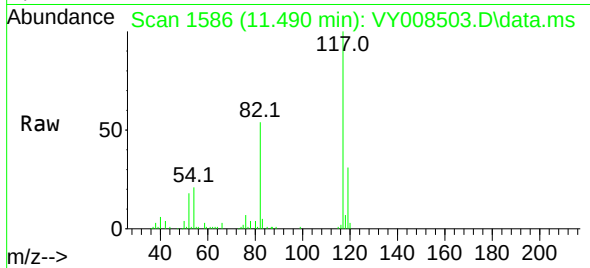




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008503.D
Acq: 26 Apr 2022 14:53

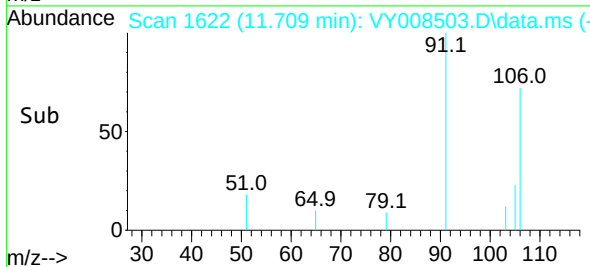
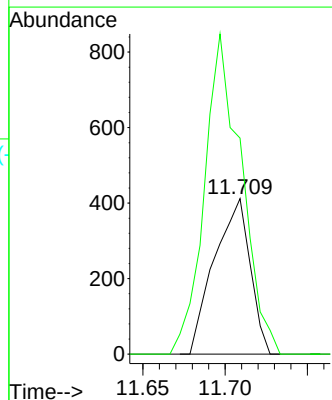
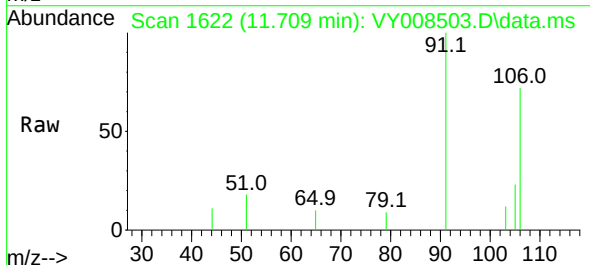
Instrument :
MSVOA_Y
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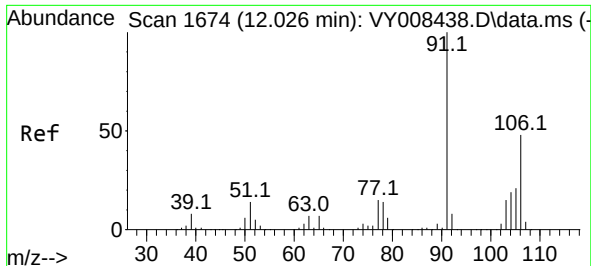
Tgt Ion:117	Resp:	28236
Ion Ratio	Lower	Upper
117	100	
82	54.0	43.0 64.4
119	30.7	25.4 38.0



#68
m/p-Xylenes
Concen: 1.406 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY008503.D
Acq: 26 Apr 2022 14:53

Tgt Ion:106	Resp:	624
Ion Ratio	Lower	Upper
106	100	
91	211.9	166.6 249.8

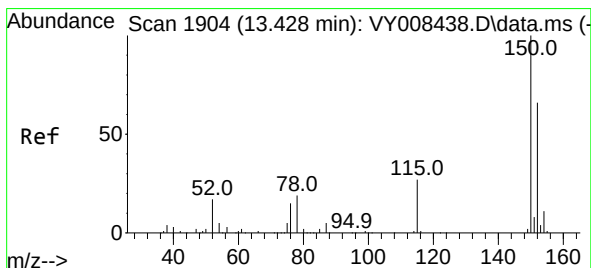
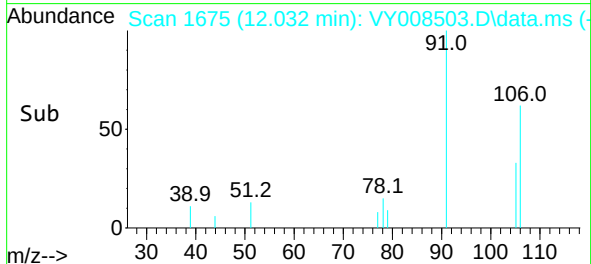
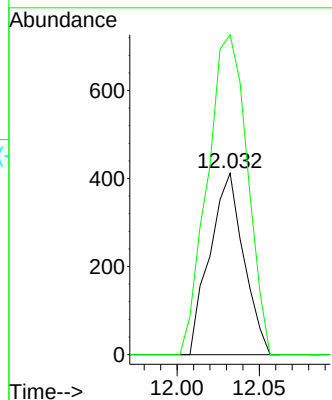
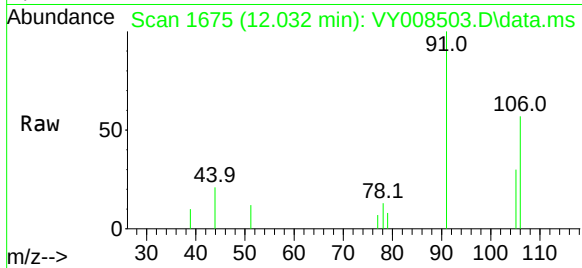




#69
o-Xylene
Concen: 1.381 ug/l
RT: 12.032 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY008503.D
Acq: 26 Apr 2022 14:53

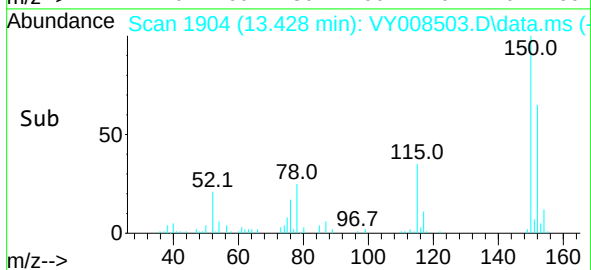
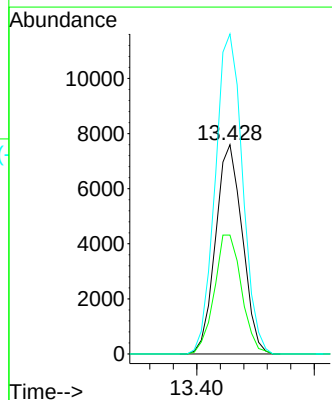
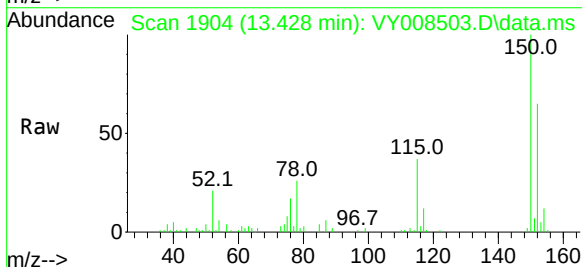
Instrument :
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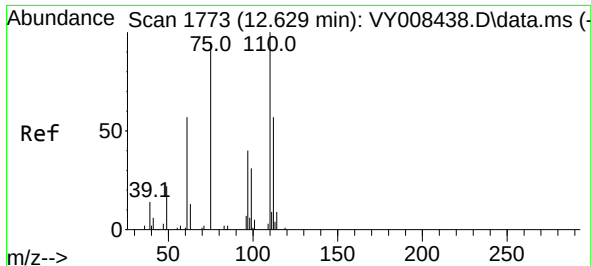
Tgt Ion:106 Resp: 590
Ion Ratio Lower Upper
106 100
91 207.5 110.3 331.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008503.D
Acq: 26 Apr 2022 14:53

Tgt Ion:152 Resp: 12021
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 156.3 0.0 347.6

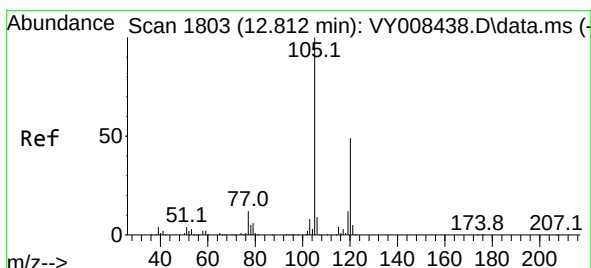
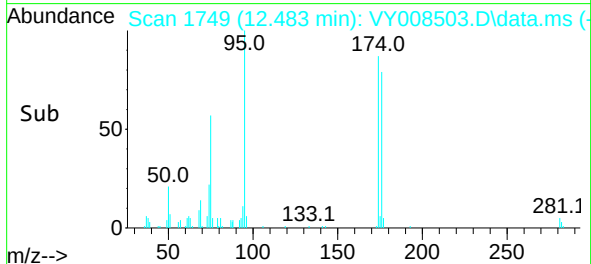
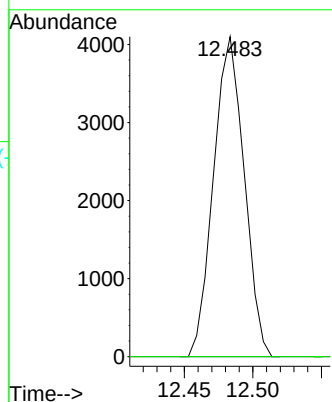
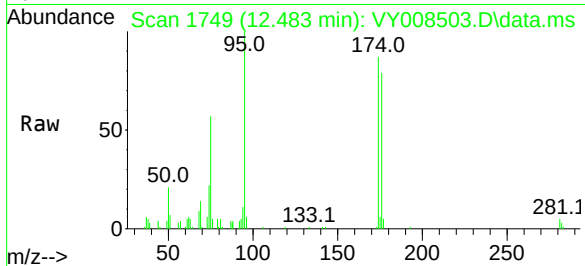




#76
1,2,3-Trichloropropane
Concen: 41.010 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008503.D
Acq: 26 Apr 2022 14:53

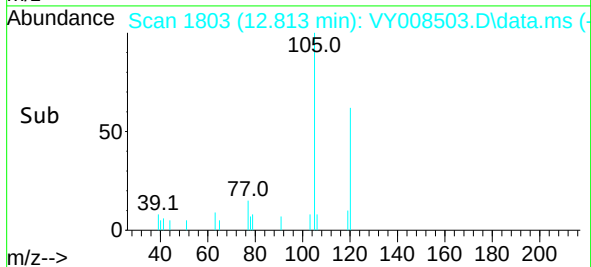
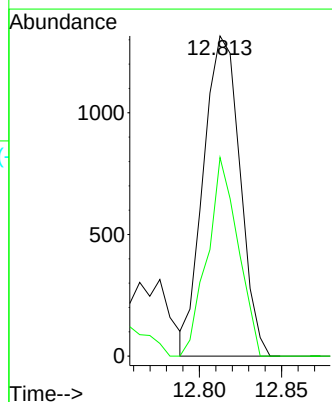
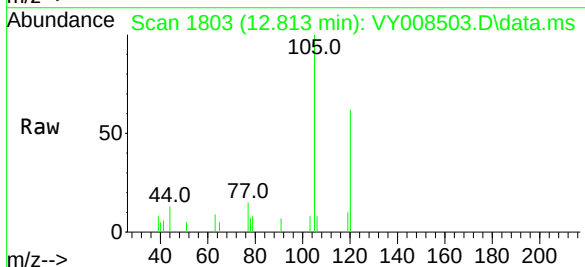
Instrument :
MSVOA_Y
ClientSampleId :
C5

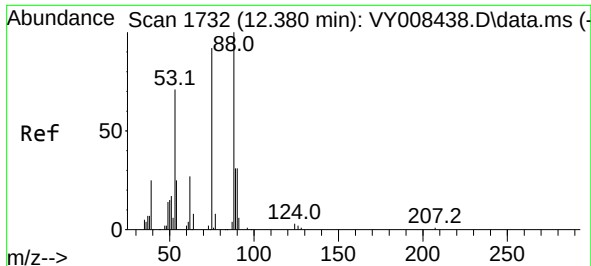
Tgt Ion: 75 Resp: 6380
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#80
1,3,5-Trimethylbenzene
Concen: 2.685 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY008503.D
Acq: 26 Apr 2022 14:53

Tgt Ion: 105 Resp: 2031
Ion Ratio Lower Upper
105 100
120 52.0 24.4 73.4

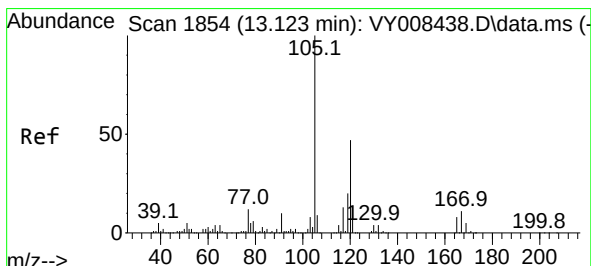
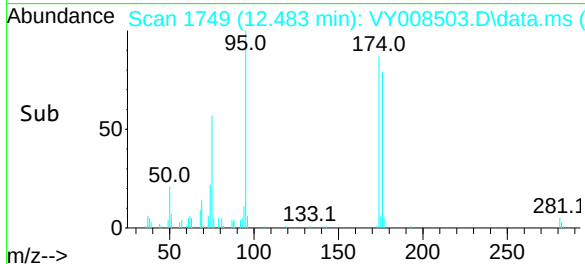
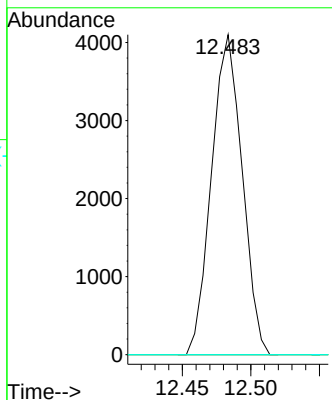
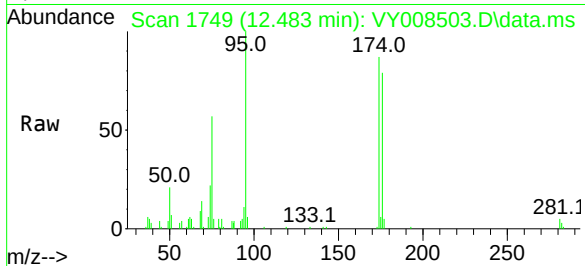




#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.139 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY008503.D
 Acq: 26 Apr 2022 14:53

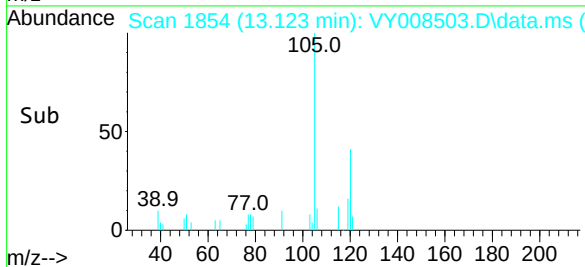
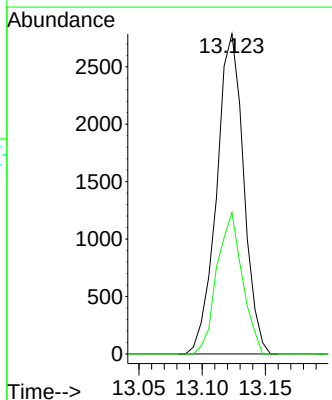
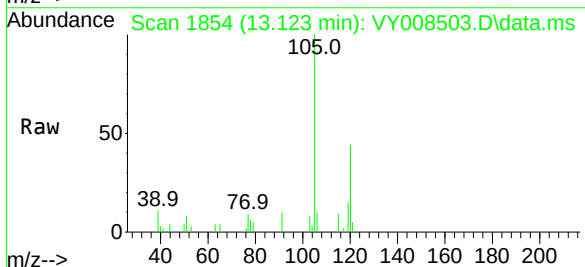
Instrument :
 MSVOA_Y
 ClientSampleId :
 C5

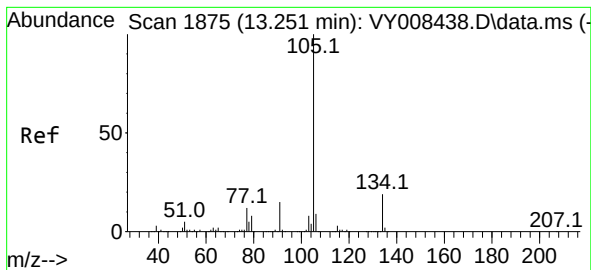
Tgt Ion: 75 Resp: 6380
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 5.511 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VY008503.D
 Acq: 26 Apr 2022 14:53

Tgt Ion: 105 Resp: 4137
 Ion Ratio Lower Upper
 105 100
 120 41.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 4.174 ug/l

RT: 13.123 min Scan# 11

Delta R.T. -0.128 min

Lab File: VY008503.D

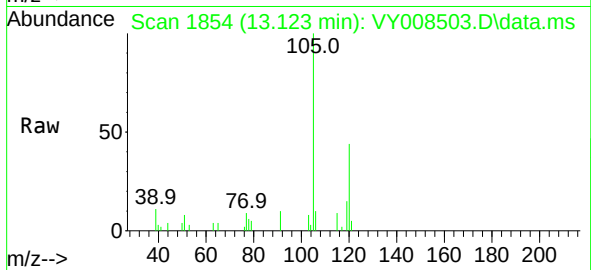
Acq: 26 Apr 2022 14:53

Instrument :

MSVOA_Y

ClientSampleId :

C5



Tgt Ion:105 Resp: 4137

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.4#

