

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
 Data File : VY004834.D
 Acq On : 18 May 2021 18:10
 Operator : SY/MD
 Sample : M2432-02
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

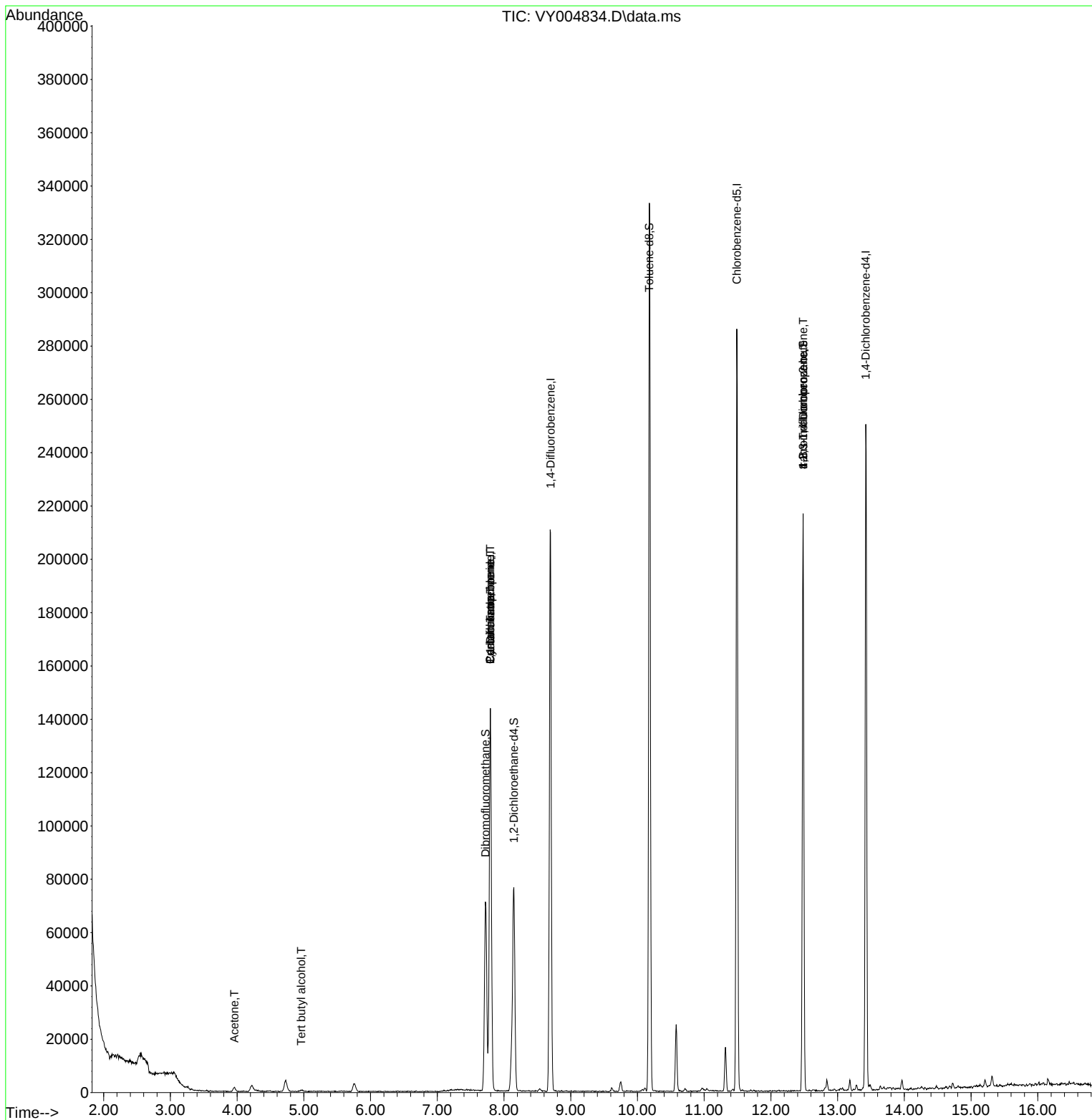
Quant Time: May 19 01:06:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

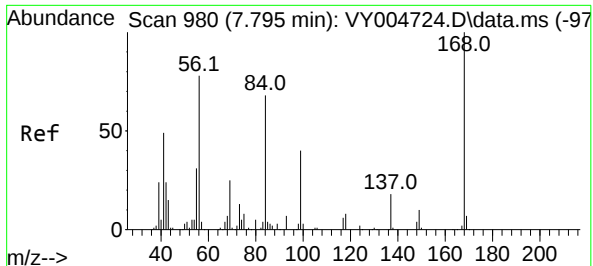
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	104664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	173020	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	147263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60122	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	54694	43.90	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.80%		
35) Dibromofluoromethane	7.722	113	51194	54.05	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	108.10%		
50) Toluene-d8	10.179	98	211139	49.34	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.68%		
62) 4-Bromofluorobenzene	12.483	95	58880	40.77	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	81.54%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	613	4.90	ug/l #	71
16) Acetone	3.960	43	2449	8.75	ug/l #	82
20) Methylene Chloride	4.722	84	2818	Below Cal		88
31) Cyclohexane	7.795	56	2541	1.26	ug/l #	7
36) 1,1-Dichloropropene	7.795	75	9194	5.19	ug/l #	51
38) Carbon Tetrachloride	7.795	117	10588	6.64	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	33185	51.97	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	33185	90.11	ug/l #	13

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

Quant Time: May 19 01:06:05 2021
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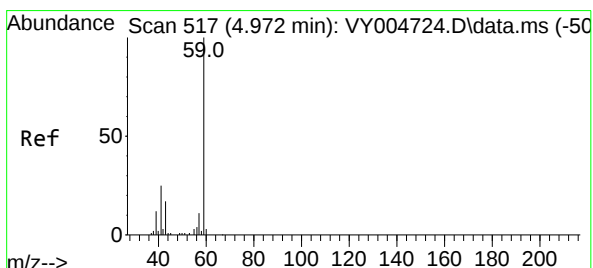
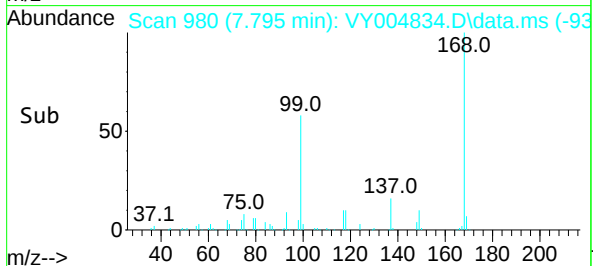
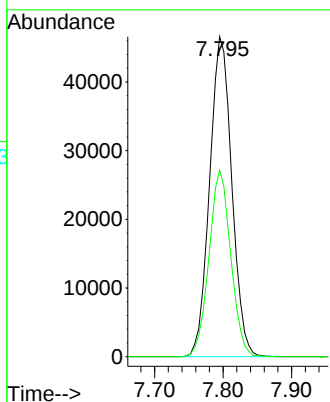
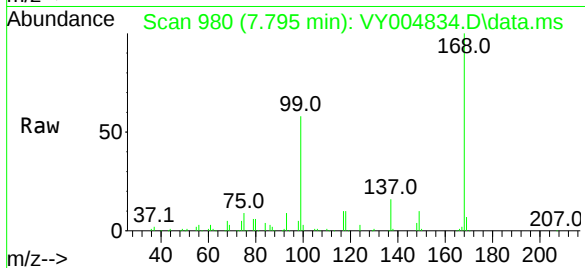




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004834.D
Acq: 18 May 2021 18:10

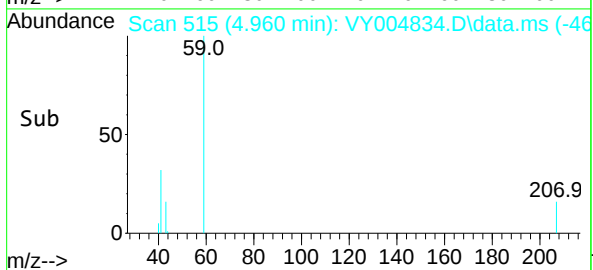
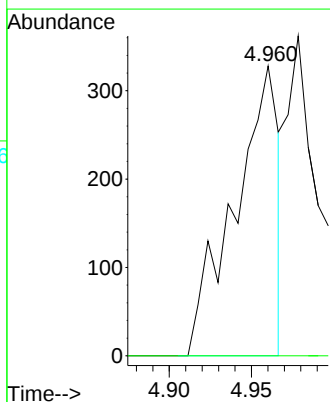
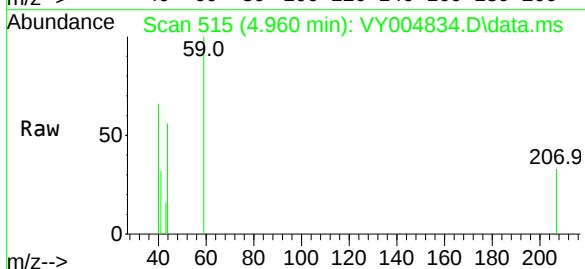
Instrument :
MSVOA_Y
ClientSampleId :

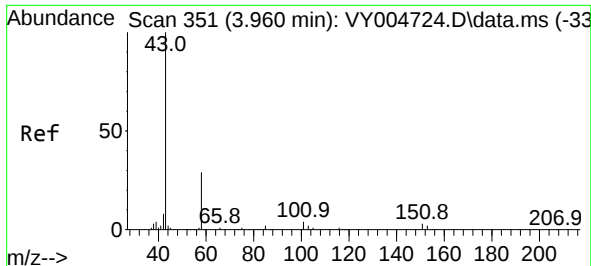
Tgt Ion:168 Resp: 104664
Ion Ratio Lower Upper
168 100
99 58.2 45.6 68.4



#11
Tert butyl alcohol
Concen: 4.90 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY004834.D
Acq: 18 May 2021 18:10

Tgt Ion: 59 Resp: 613
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

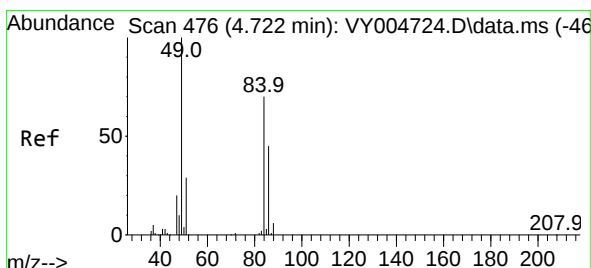
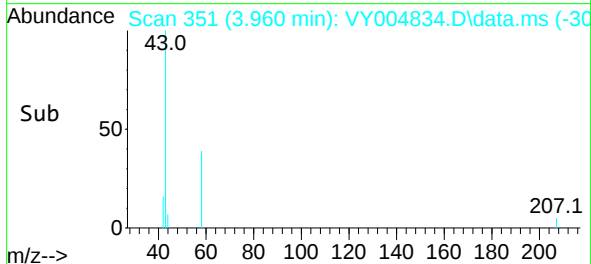
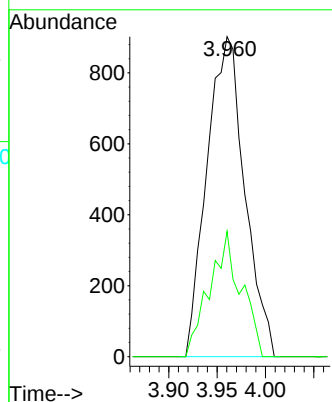
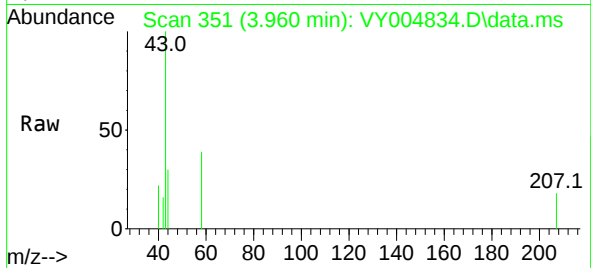




#16
Acetone
Concen: 8.75 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004834.D
Acq: 18 May 2021 18:10

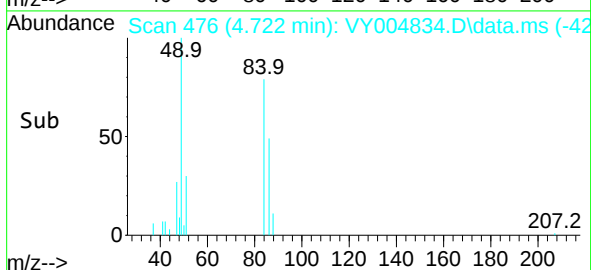
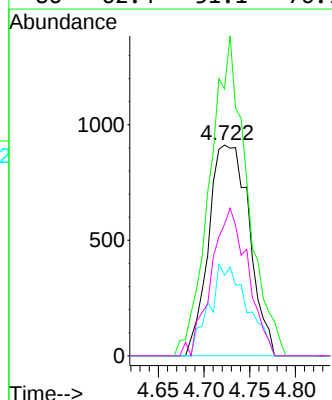
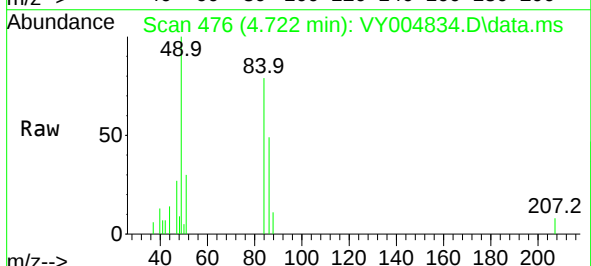
Instrument :
MSVOA_Y
ClientSampleId :

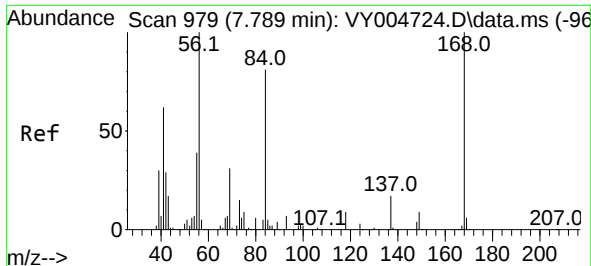
Tgt Ion: 43 Resp: 2449
Ion Ratio Lower Upper
43 100
58 39.1 23.6 35.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY004834.D
Acq: 18 May 2021 18:10

Tgt Ion: 84 Resp: 2818
Ion Ratio Lower Upper
84 100
49 119.4 113.8 170.8
51 38.4 33.5 50.3
86 62.4 51.1 76.7

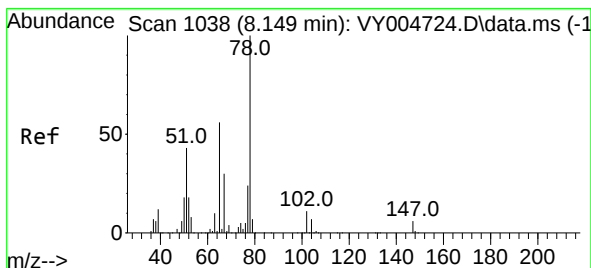
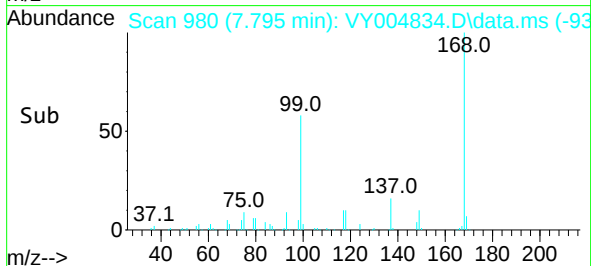
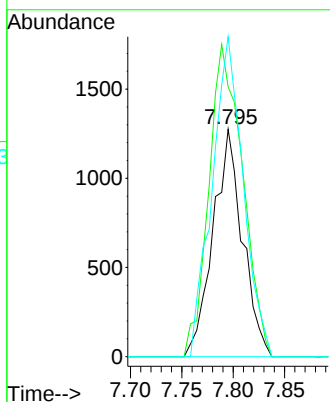
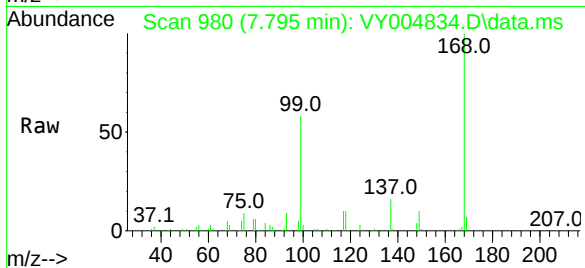




#31
Cyclohexane
Concen: 1.26 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004834.D
Acq: 18 May 2021 18:10

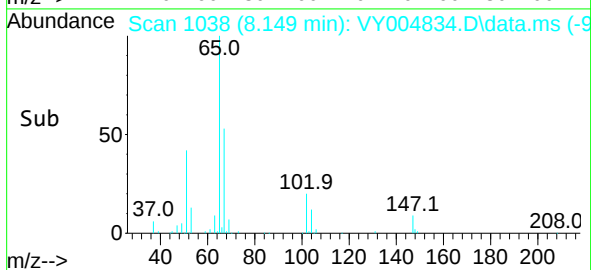
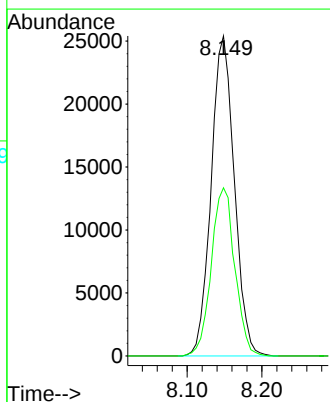
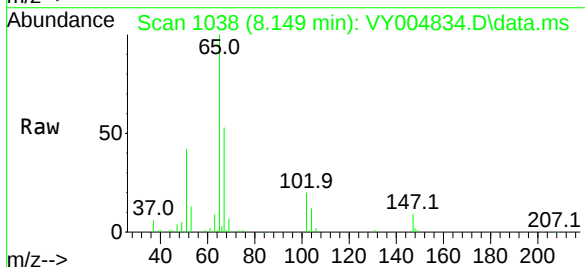
Instrument :
MSVOA_Y
ClientSampleId :

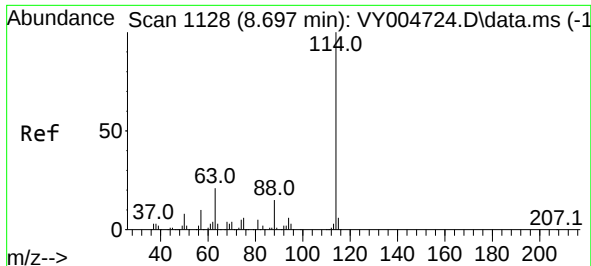
Tgt Ion: 56 Resp: 2541
Ion Ratio Lower Upper
56 100
69 118.7 24.4 36.6#
84 140.7 64.8 97.2#



#33
1,2-Dichloroethane-d4
Concen: 43.90 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004834.D
Acq: 18 May 2021 18:10

Tgt Ion: 65 Resp: 54694
Ion Ratio Lower Upper
65 100
67 53.4 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY004834.D

Acq: 18 May 2021 18:10

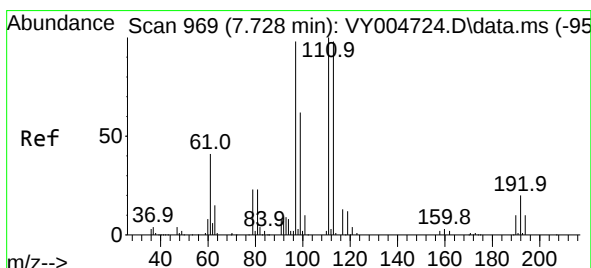
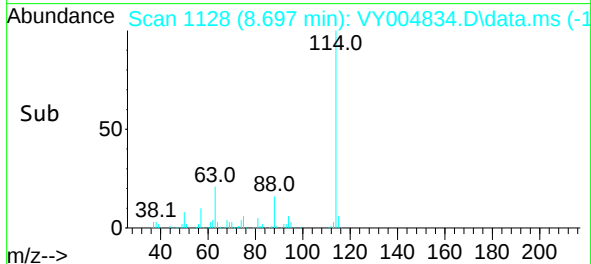
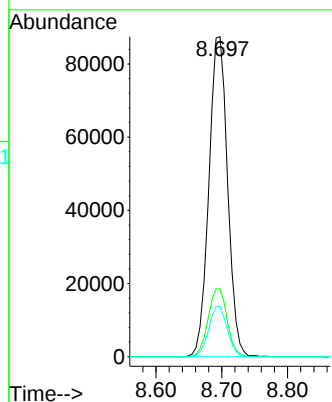
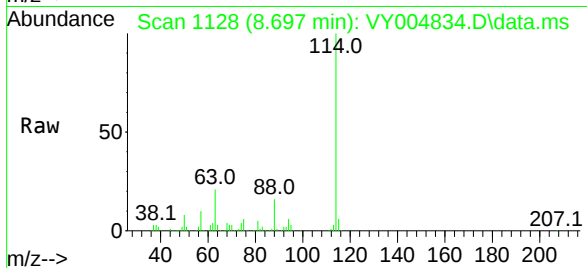
Tgt Ion:114 Resp: 173020

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.8

88 15.7 0.0 31.0



#35

Dibromofluoromethane

Concen: 54.05 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY004834.D

Acq: 18 May 2021 18:10

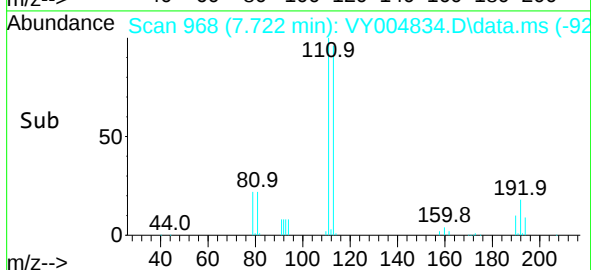
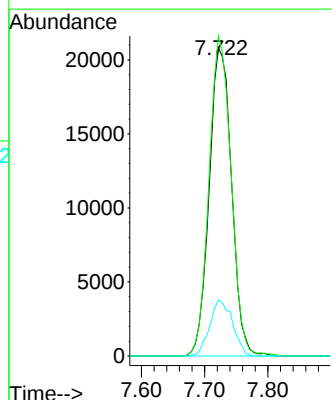
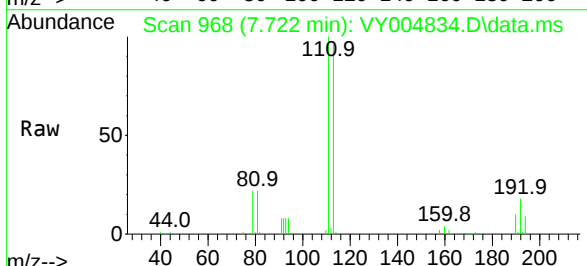
Tgt Ion:113 Resp: 51194

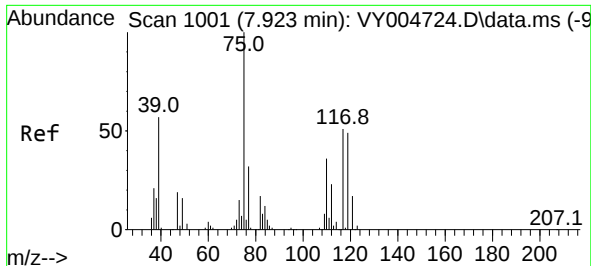
Ion Ratio Lower Upper

113 100

111 102.4 80.5 120.7

192 18.5 15.0 22.6





#36

1,1-Dichloropropene

Concen: 5.19 ug/l

RT: 7.795 min Scan# 980

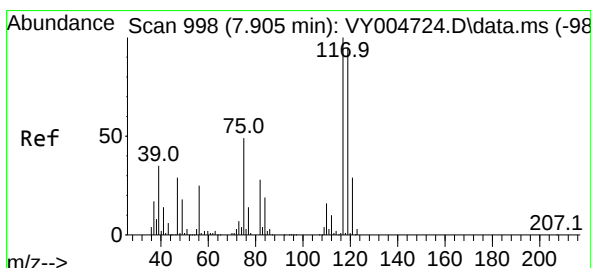
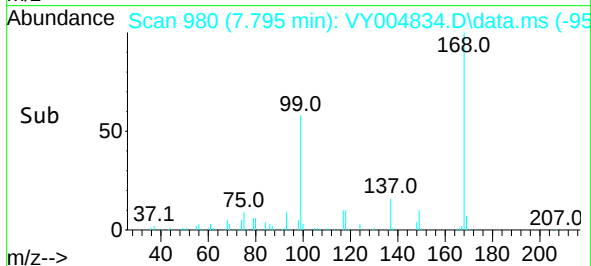
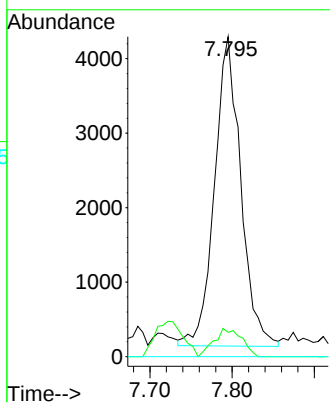
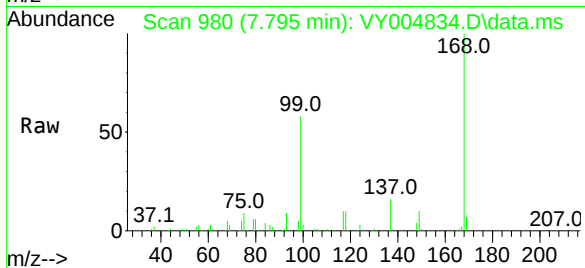
Delta R.T. -0.128 min

Lab File: VY004834.D

Acq: 18 May 2021 18:10

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	75	Resp:	9194
Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.0	50.9#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 6.64 ug/l

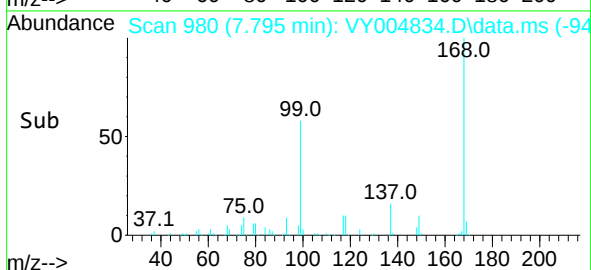
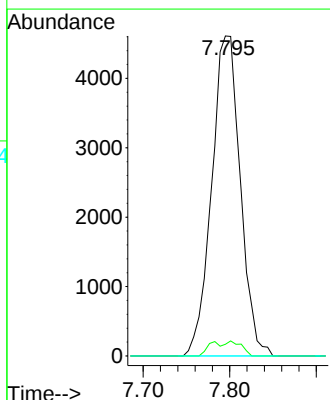
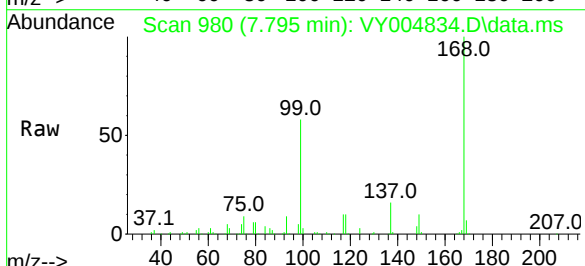
RT: 7.795 min Scan# 980

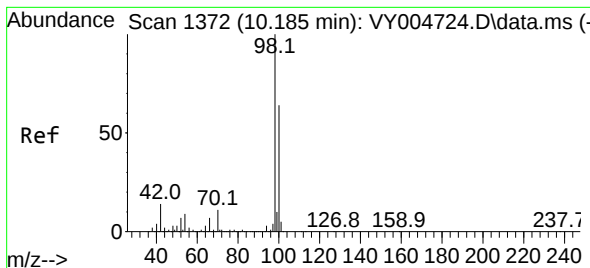
Delta R.T. -0.110 min

Lab File: VY004834.D

Acq: 18 May 2021 18:10

Tgt Ion:	117	Resp:	10588
Ion	Ratio	Lower	Upper
117	100		
119	3.7	76.3	114.5#
121	0.0	23.0	34.6#

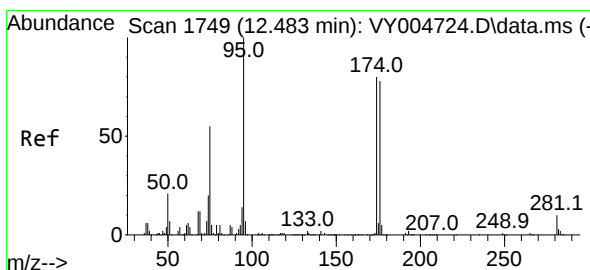
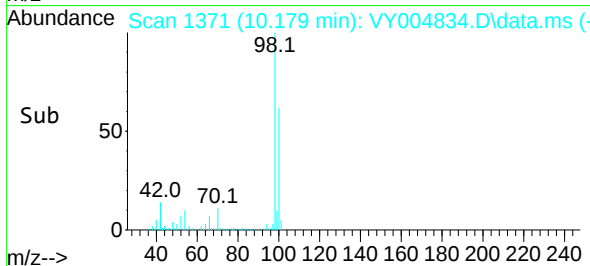
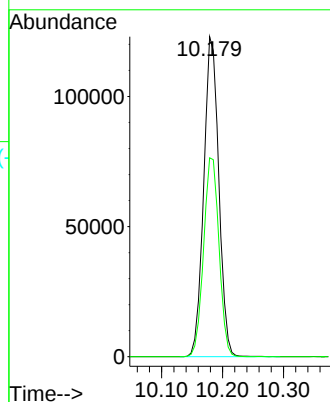
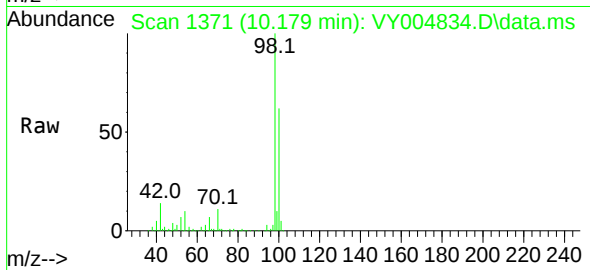




#50
Toluene-d8
Concen: 49.34 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004834.D
Acq: 18 May 2021 18:10

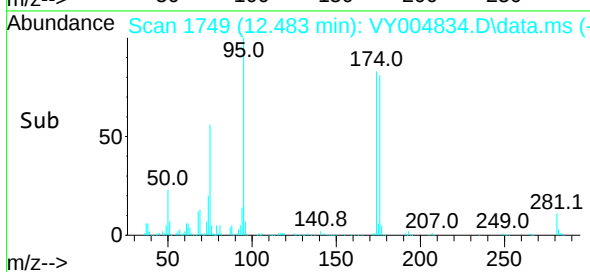
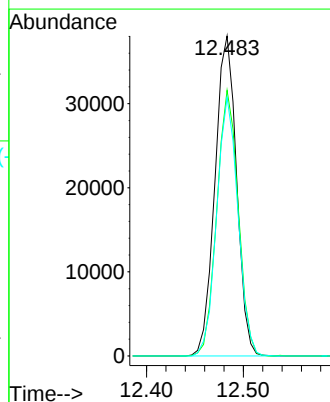
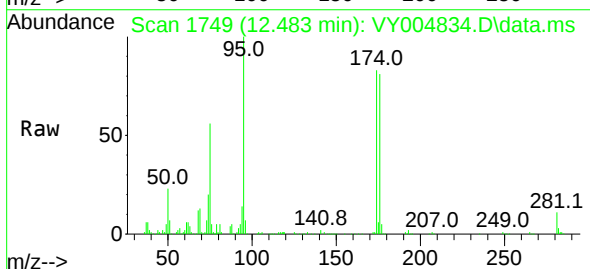
Instrument :
MSVOA_Y
ClientSampled :

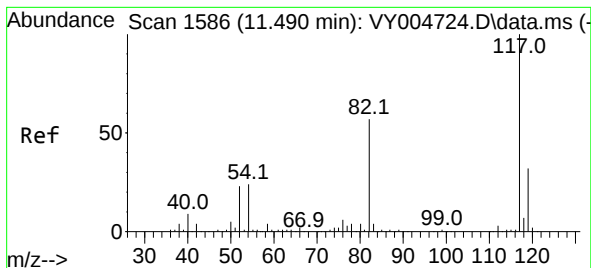
Tgt Ion: 98 Resp: 211139
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 40.77 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004834.D
Acq: 18 May 2021 18:10

Tgt Ion: 95 Resp: 58880
Ion Ratio Lower Upper
95 100
174 82.1 0.0 164.2
176 79.6 0.0 159.0

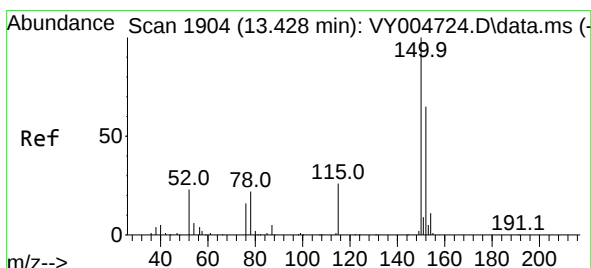
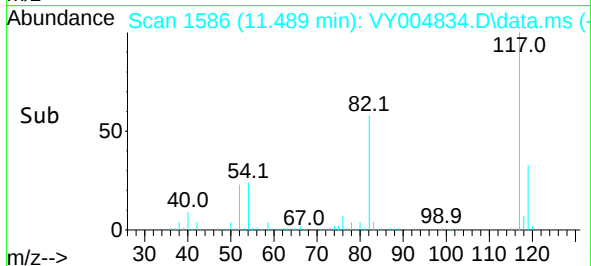
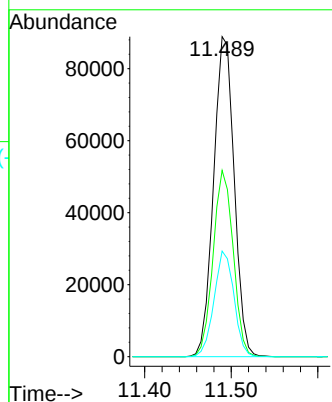
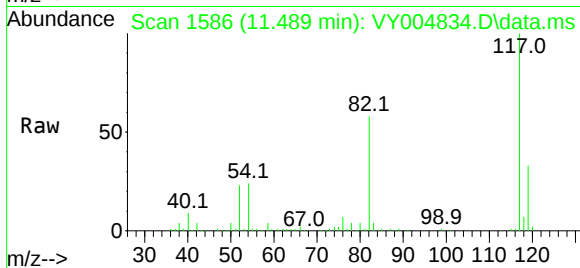




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY004834.D
Acq: 18 May 2021 18:10

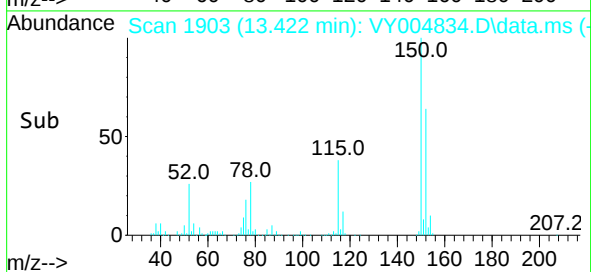
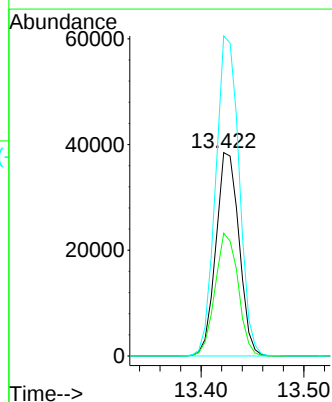
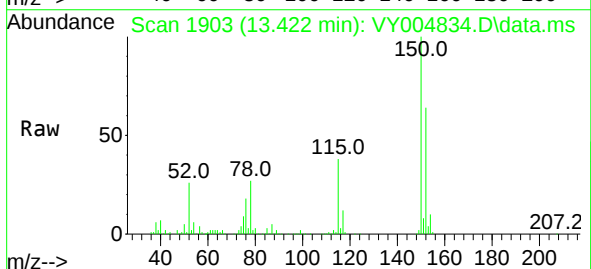
Instrument :
MSVOA_Y
ClientSampleId :

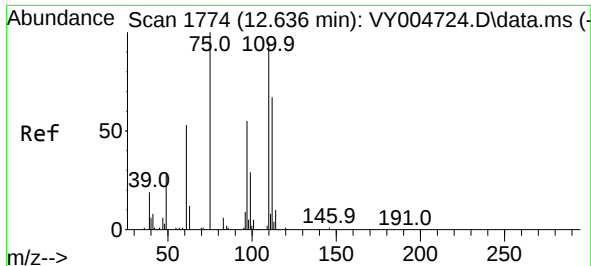
Tgt Ion:117 Resp: 147263
Ion Ratio Lower Upper
117 100
82 58.2 45.4 68.2
119 33.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY004834.D
Acq: 18 May 2021 18:10

Tgt Ion:152 Resp: 60122
Ion Ratio Lower Upper
152 100
115 60.1 29.4 88.3
150 159.5 0.0 349.8

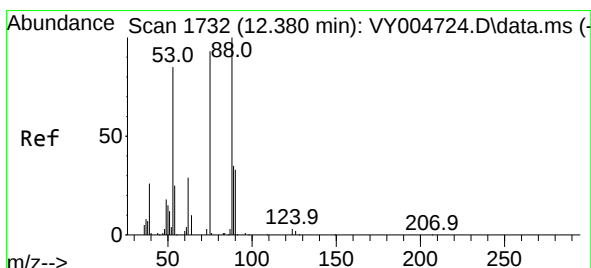
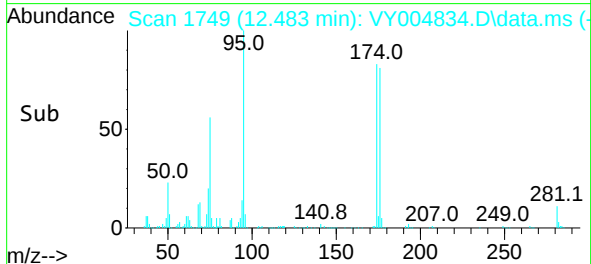
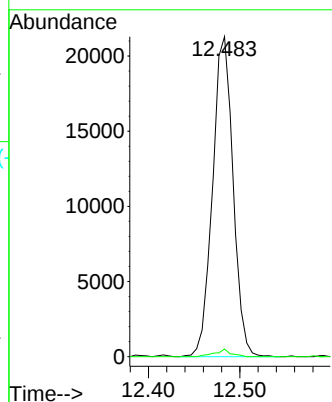
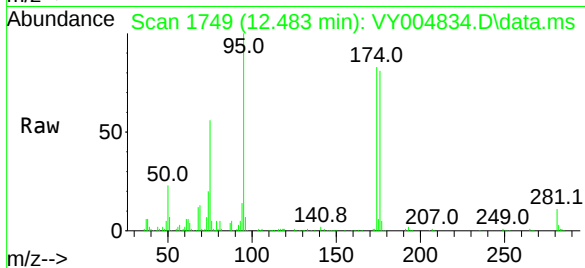




#76
1,2,3-Trichloropropane
Concen: 51.97 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004834.D
Acq: 18 May 2021 18:10

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 33185
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.11 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004834.D
Acq: 18 May 2021 18:10

Tgt Ion: 75 Resp: 33185
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.2 35.5 53.3#

