

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101521\
 Data File : VY006405.D
 Acq On : 15 Oct 2021 14:42
 Operator : SY/MD
 Sample : M4243-20
 Misc : 6.39G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 04:45:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

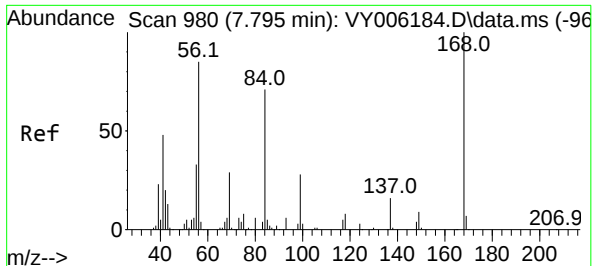
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	119714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	198962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	195088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	82873	64.679	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.360%	
35) Dibromofluoromethane	7.722	113	58950	55.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.920%	
50) Toluene-d8	10.185	98	259858	58.412	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.820%	
62) 4-Bromofluorobenzene	12.483	95	87872	58.143	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	167	1.490	ug/l #	77
16) Acetone	3.948	43	905	2.529	ug/l #	88
20) Methylene Chloride	4.728	84	8151	3.095	ug/l #	83
31) Cyclohexane	7.801	56	2519	1.038	ug/l #	7
36) 1,1-Dichloropropene	7.801	75	8932	4.512	ug/l #	51
38) Carbon Tetrachloride	7.795	117	11315	5.413	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	52124	56.193	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52124	110.427	ug/l #	8

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

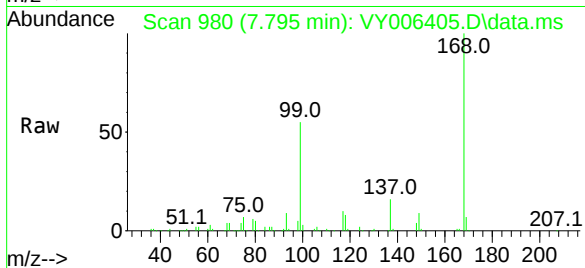
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
Response via : Initial Calibration



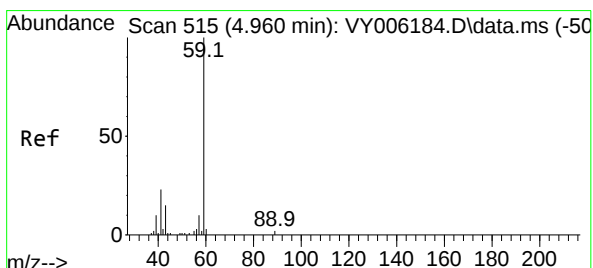
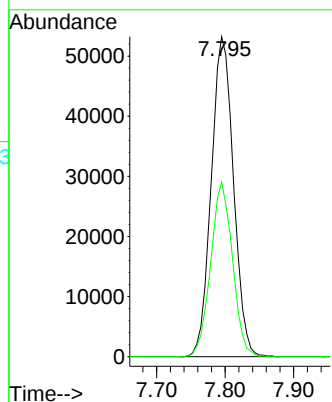
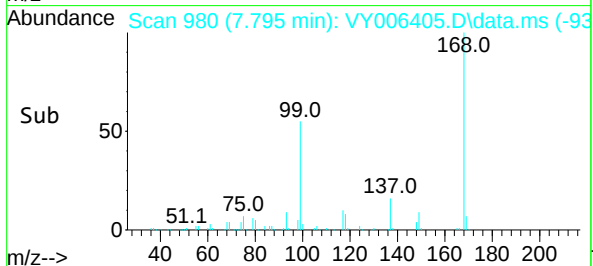


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006405.D
Acq: 15 Oct 2021 14:42

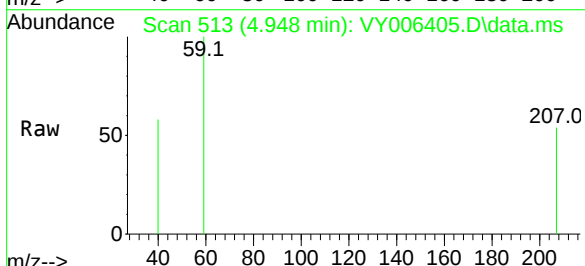
Instrument :
MSVOA_Y
ClientSampled :



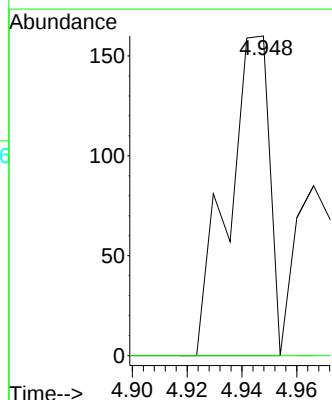
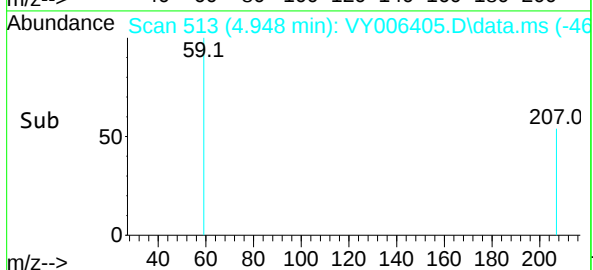
Tgt Ion:168 Resp: 119714
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3

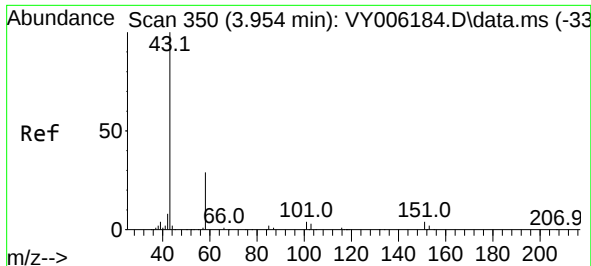


#11
Tert butyl alcohol
Concen: 1.490 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY006405.D
Acq: 15 Oct 2021 14:42



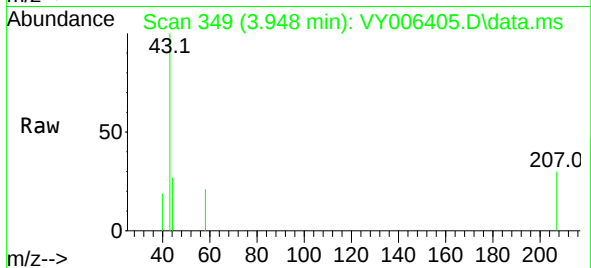
Tgt Ion: 59 Resp: 167
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



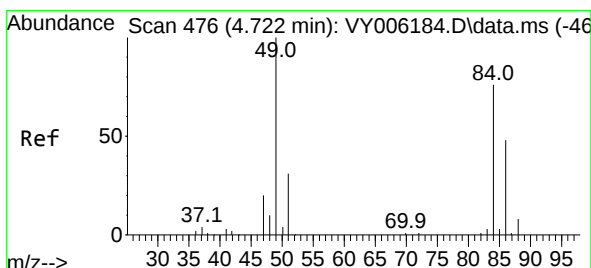
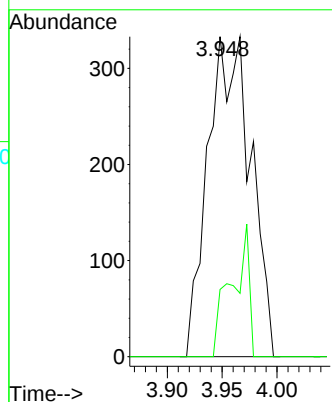
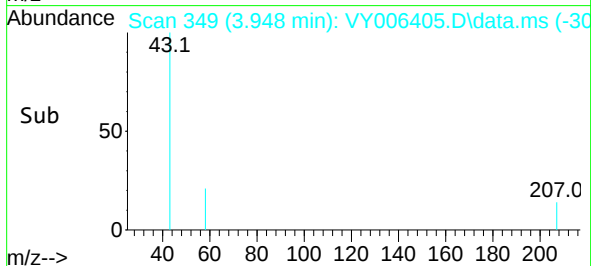


#16
Acetone
Concen: 2.529 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006405.D
Acq: 15 Oct 2021 14:42

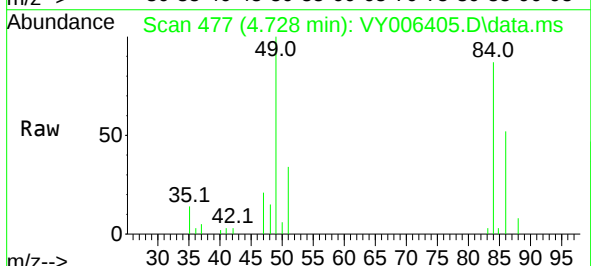
Instrument :
MSVOA_Y
ClientSampled :



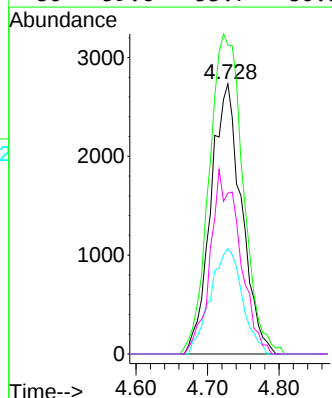
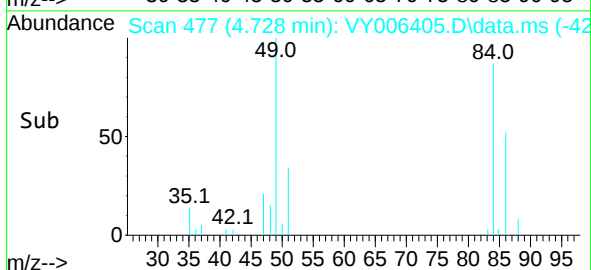
Tgt Ion: 43 Resp: 905
Ion Ratio Lower Upper
43 100
58 21.0 22.0 33.0#

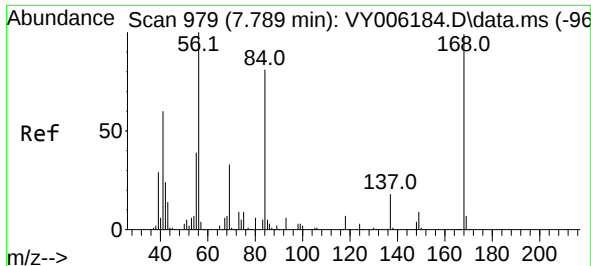


#20
Methylene Chloride
Concen: 3.095 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006405.D
Acq: 15 Oct 2021 14:42



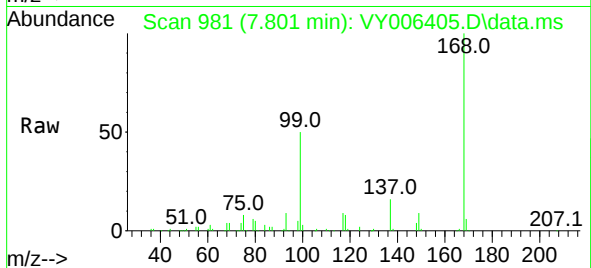
Tgt Ion: 84 Resp: 8151
Ion Ratio Lower Upper
84 100
49 114.4 114.4 171.6#
51 39.0 35.3 52.9
86 59.6 53.7 80.5



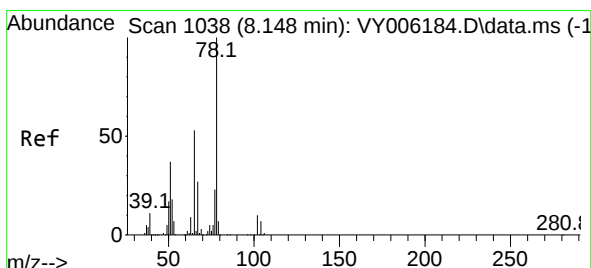
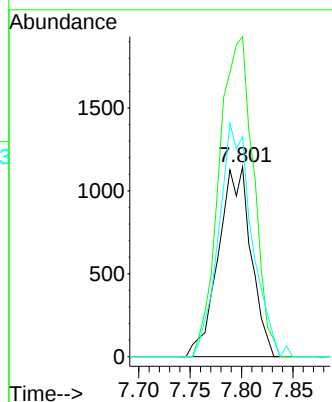
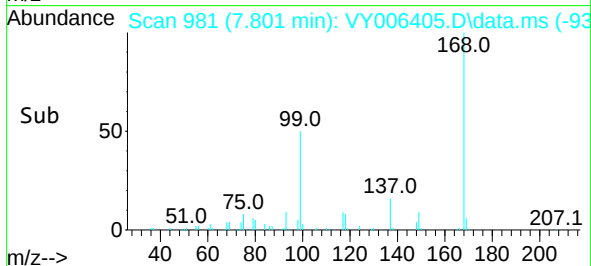


#31
Cyclohexane
Concen: 1.038 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006405.D
Acq: 15 Oct 2021 14:42

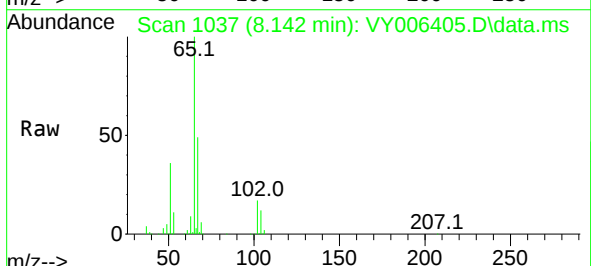
Instrument :
MSVOA_Y
ClientSampleId :



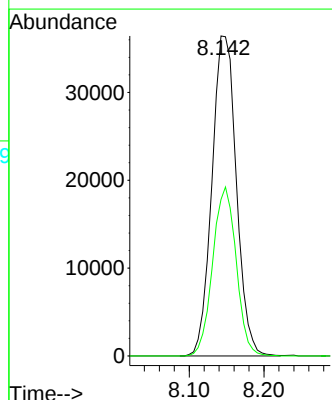
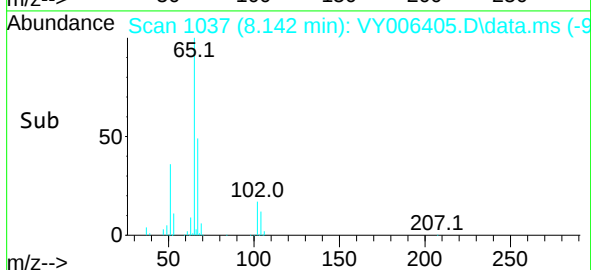
Tgt Ion: 56 Resp: 2519
Ion Ratio Lower Upper
56 100
69 168.7 26.7 40.1#
84 116.2 67.2 100.8#

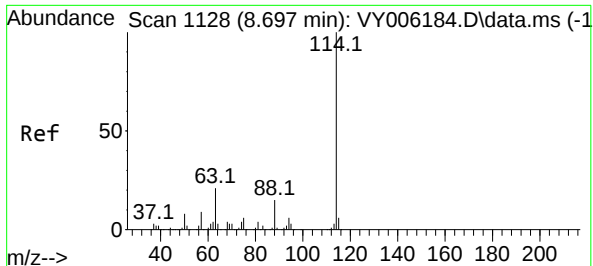


#33
1,2-Dichloroethane-d4
Concen: 64.679 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006405.D
Acq: 15 Oct 2021 14:42



Tgt Ion: 65 Resp: 82873
Ion Ratio Lower Upper
65 100
67 50.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006405.D

Acq: 15 Oct 2021 14:42

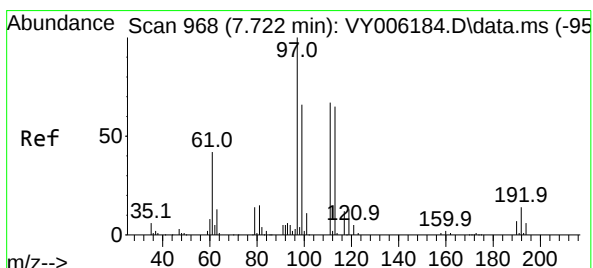
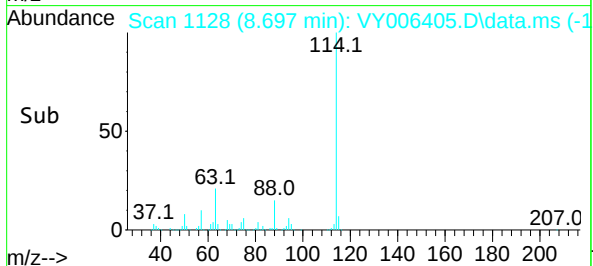
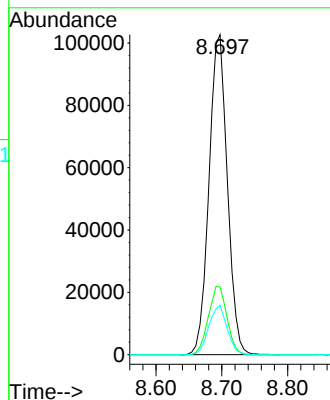
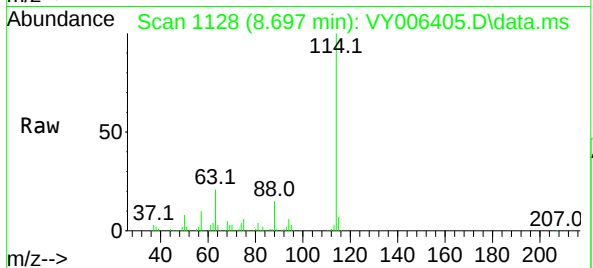
Tgt Ion:114 Resp: 198962

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.458 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006405.D

Acq: 15 Oct 2021 14:42

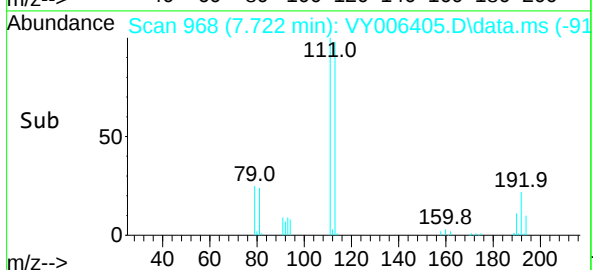
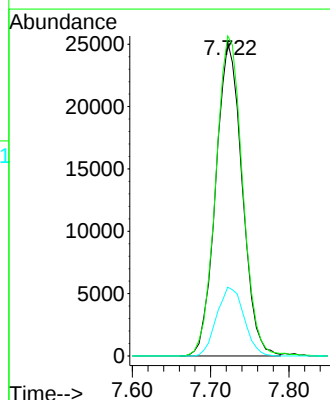
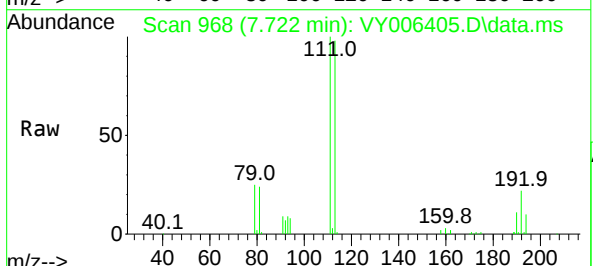
Tgt Ion:113 Resp: 58950

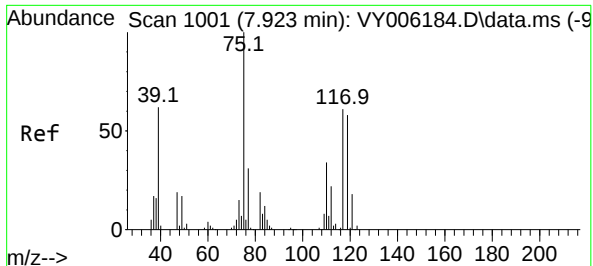
Ion Ratio Lower Upper

113 100

111 104.1 82.6 124.0

192 22.6 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.512 ug/l

RT: 7.801 min Scan# 981

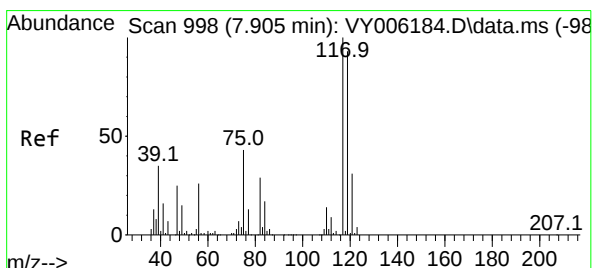
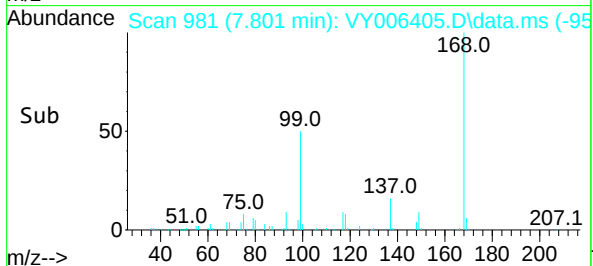
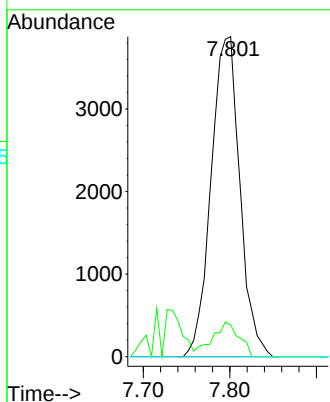
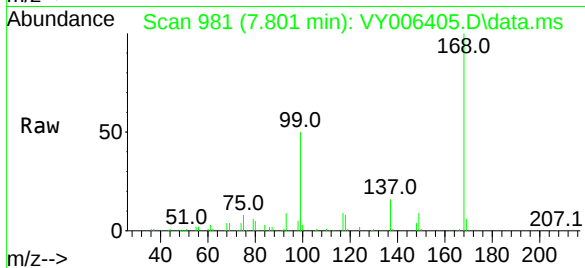
Delta R.T. -0.122 min

Lab File: VY006405.D

Acq: 15 Oct 2021 14:42

Tgt Ion:	75	Resp:	8932
Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.1	51.2#
77	0.0	24.4	36.6#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.413 ug/l

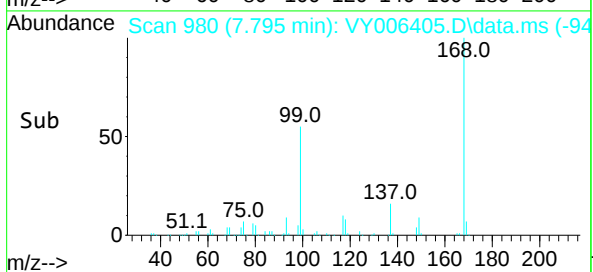
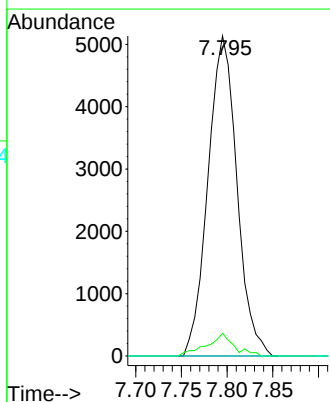
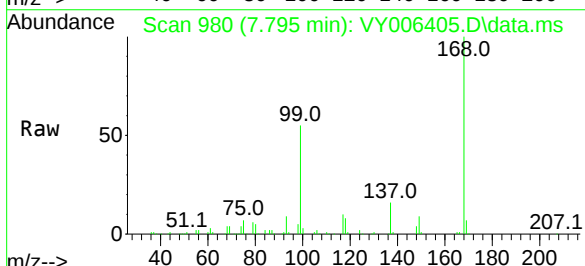
RT: 7.795 min Scan# 980

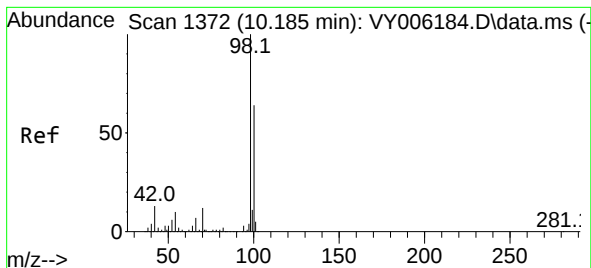
Delta R.T. -0.110 min

Lab File: VY006405.D

Acq: 15 Oct 2021 14:42

Tgt Ion:	117	Resp:	11315
Ion	Ratio	Lower	Upper
117	100		
119	7.0	77.9	116.9#
121	0.0	24.8	37.2#

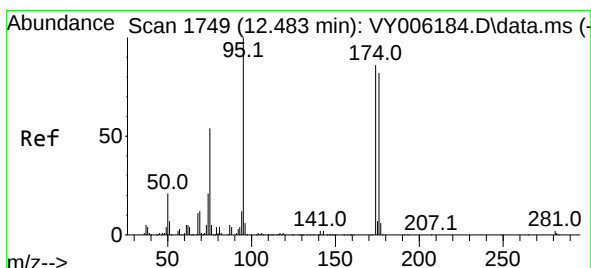
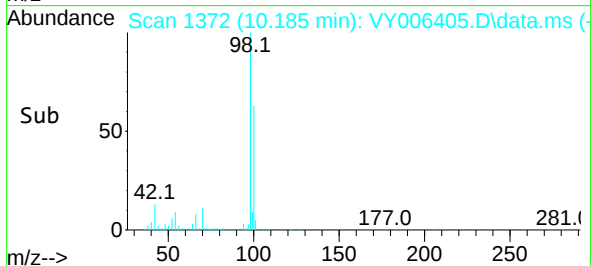
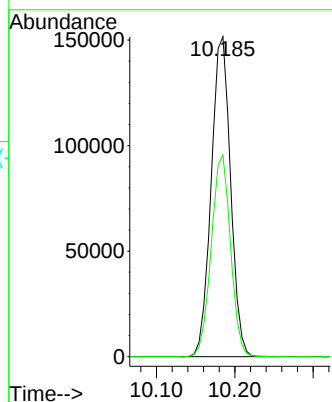
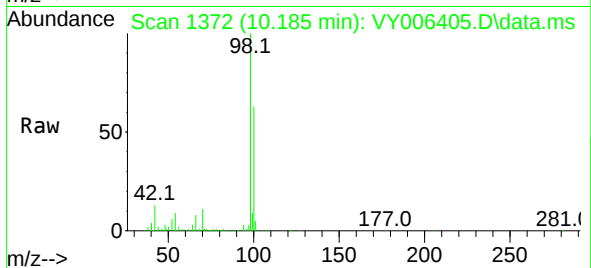




#50
Toluene-d8
Concen: 58.412 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006405.D
Acq: 15 Oct 2021 14:42

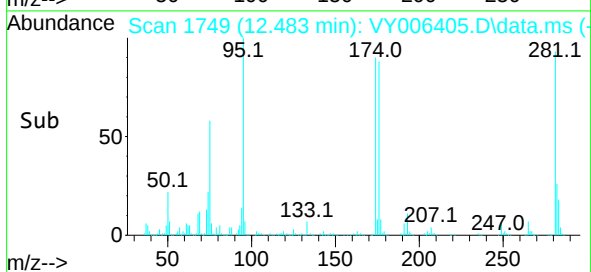
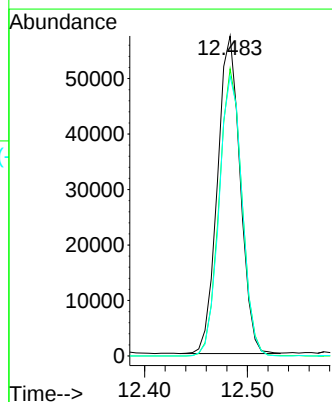
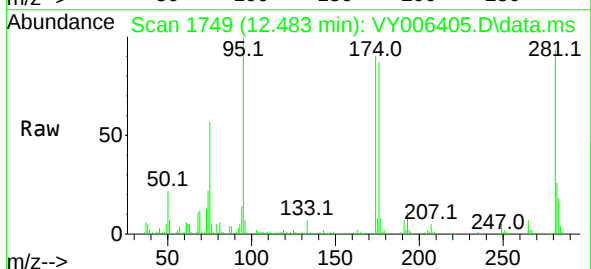
Instrument :
MSVOA_Y
ClientSampled :

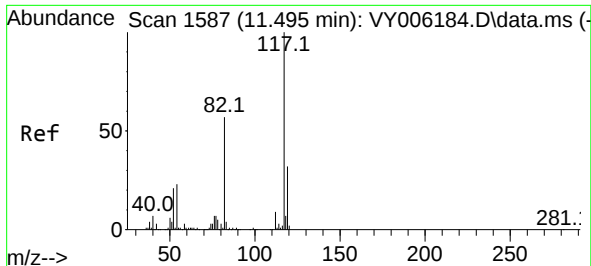
Tgt Ion: 98 Resp: 259858
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 58.143 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006405.D
Acq: 15 Oct 2021 14:42

Tgt Ion: 95 Resp: 87872
Ion Ratio Lower Upper
95 100
174 90.4 0.0 177.0
176 89.3 0.0 175.8

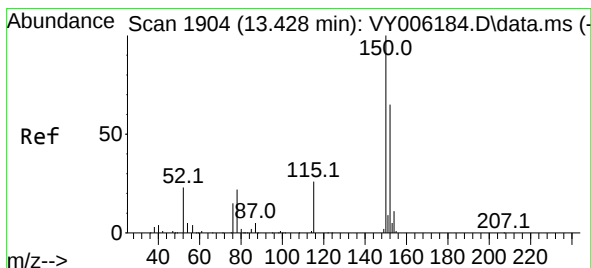
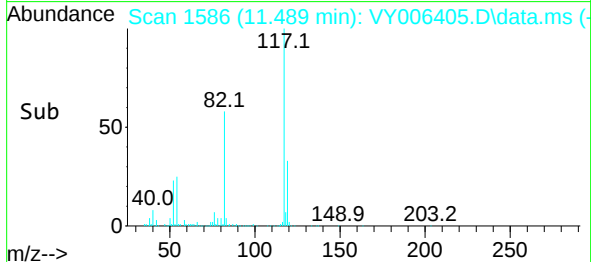
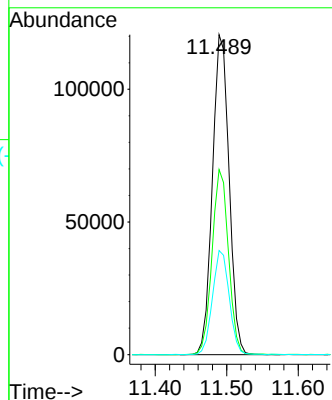
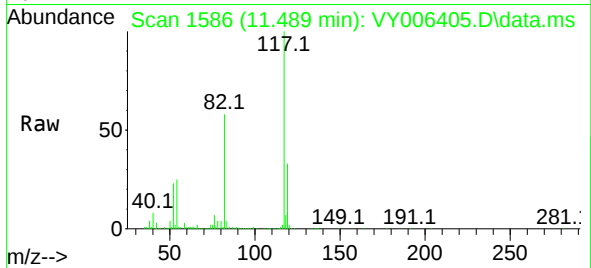




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006405.D
Acq: 15 Oct 2021 14:42

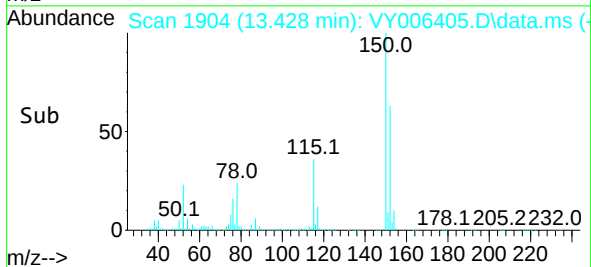
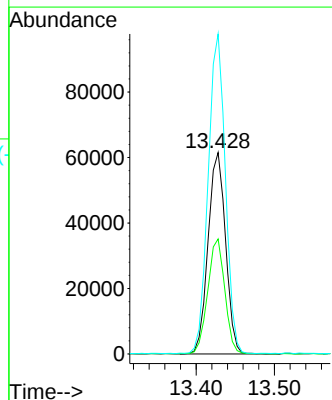
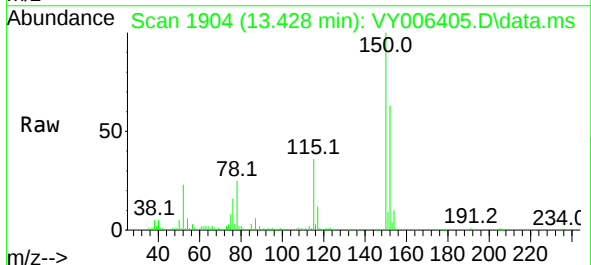
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:117 Resp: 195088
Ion Ratio Lower Upper
117 100
82 57.8 43.0 64.4
119 32.5 25.4 38.0

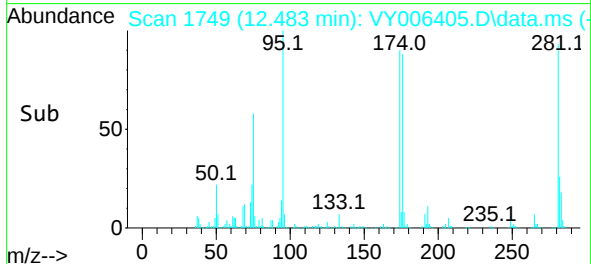
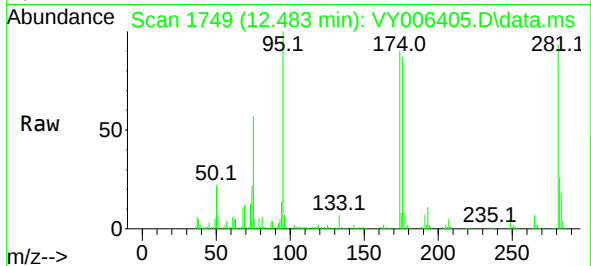
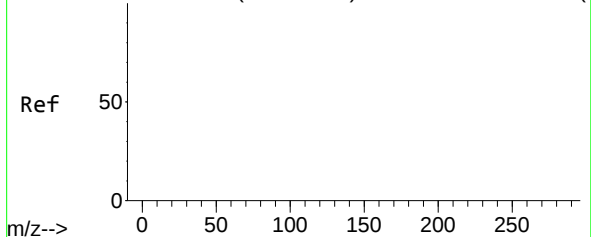


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006405.D
Acq: 15 Oct 2021 14:42

Tgt Ion:152 Resp: 95436
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 155.4 0.0 347.6

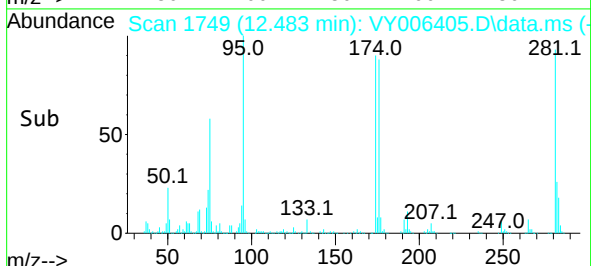
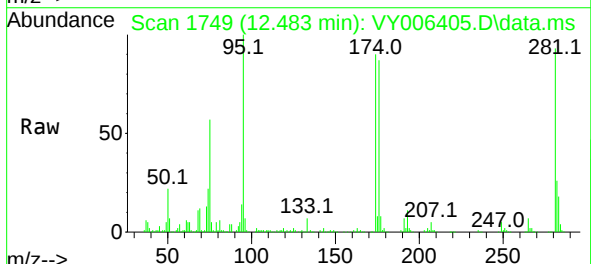
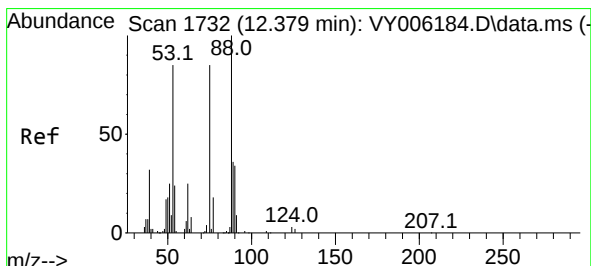
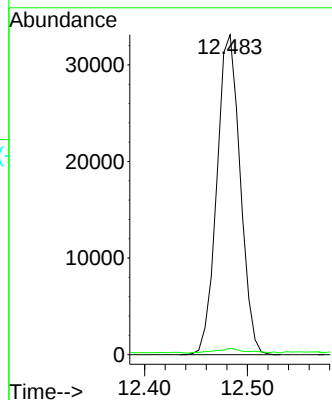


Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



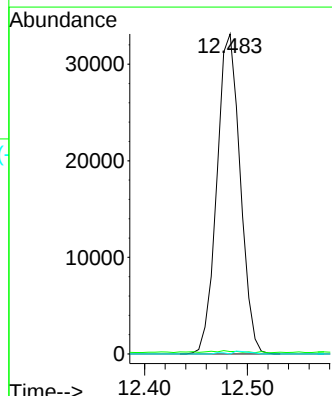
#76
1,2,3-Trichloropropane
Concen: 56.193 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006405.D
Acq: 15 Oct 2021 14:42

Tgt Ion: 75 Resp: 52124
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.427 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006405.D
Acq: 15 Oct 2021 14:42

Tgt Ion: 75 Resp: 52124
Ion Ratio Lower Upper
75 100
53 0.6 85.3 127.9#
89 0.8 37.0 55.4#



Instrument :
MSVOA_Y
ClientSampled :