

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
 Data File : VY004802.D
 Acq On : 17 May 2021 14:09
 Operator : SY/MD
 Sample : M2420-04
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 18 01:04:31 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)

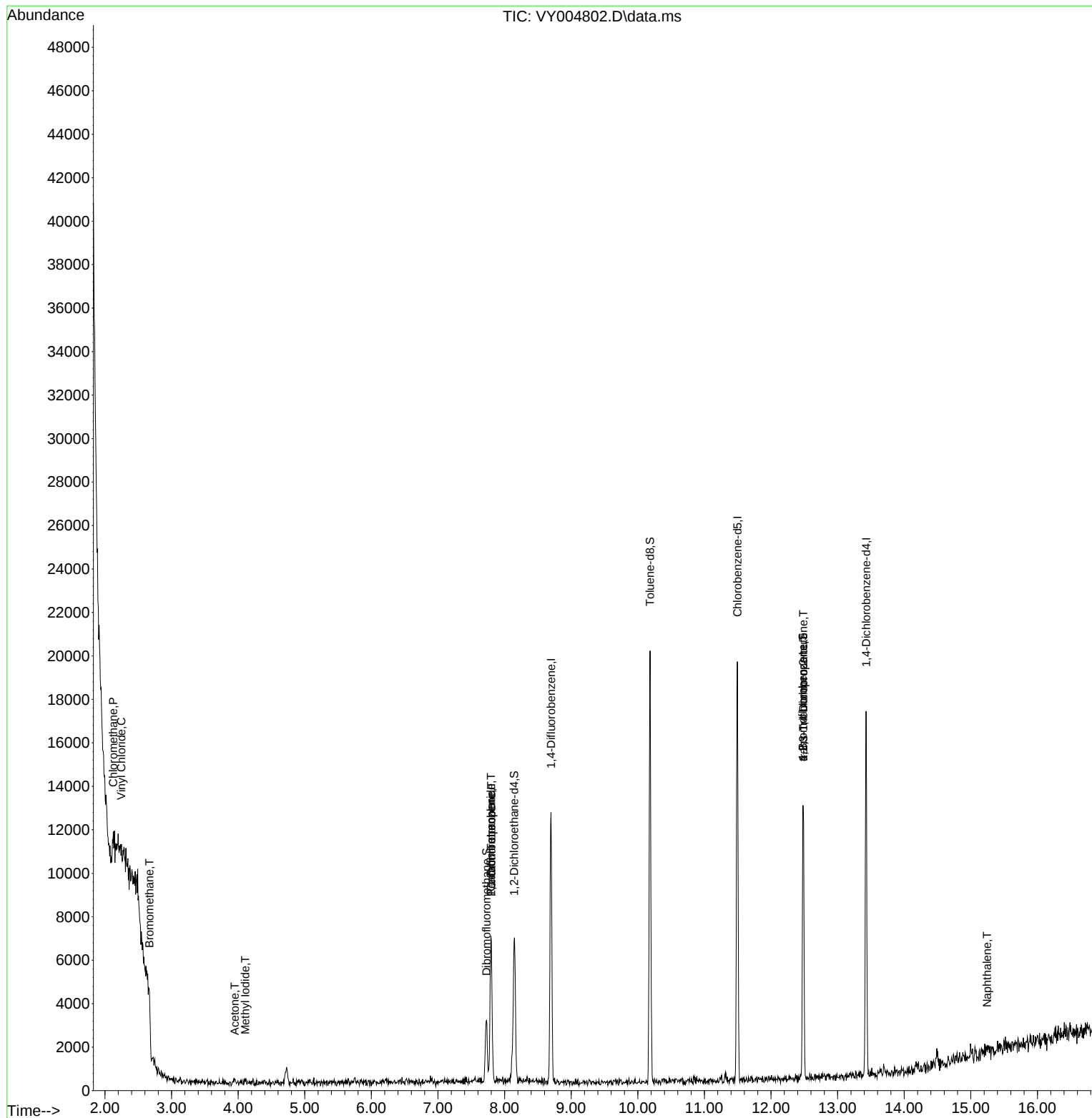
Internal Standards						
1) Pentafluorobenzene	7.801	168	5206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	10072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	9635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3866	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	4816	77.72	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	155.44%		
35) Dibromofluoromethane	7.728	113	2087	37.85	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	75.70%		
50) Toluene-d8	10.185	98	12346	49.57	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.14%		
62) 4-Bromofluorobenzene	12.477	95	4148	49.34	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.68%		
Target Compounds						Qvalue
3) Chloromethane	2.125	50	378	4.89	ug/l	95
4) Vinyl Chloride	2.247	62	351	4.44	ug/l #	43
5) Bromomethane	2.668	94	167	4.14	ug/l #	80
10) Methyl Iodide	4.107	142	161	2.83	ug/l #	38
16) Acetone	3.948	43	203	14.58	ug/l #	45
20) Methylene Chloride	4.716	84	258	Below Cal	#	79
36) 1,1-Dichloropropene	7.801	75	564	5.46	ug/l #	42
38) Carbon Tetrachloride	7.795	117	552	5.95	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	2441	59.45	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2441	103.07	ug/l #	13
95) Naphthalene	15.245	128	195	1.23	ug/l #	69

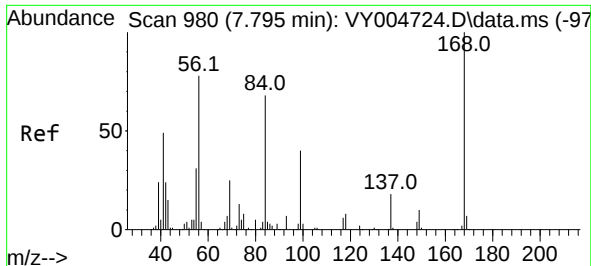
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
Data File : VY004802.D
Acq On : 17 May 2021 14:09
Operator : SY/MD
Sample : M2420-04
Misc : 5.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 18 01:04:31 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

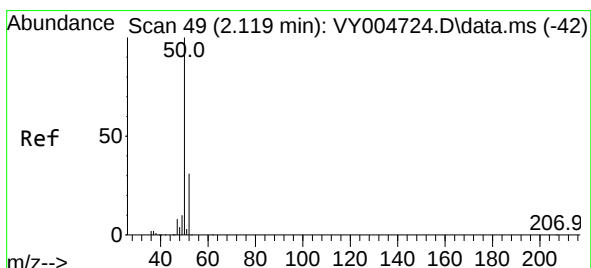
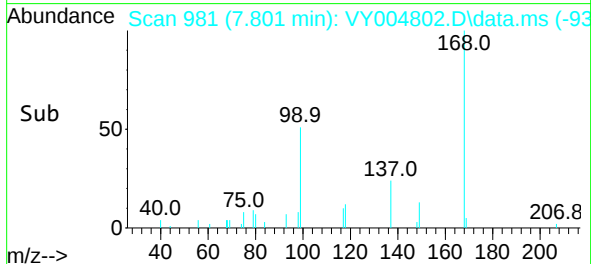
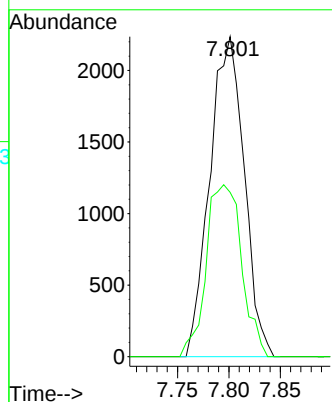
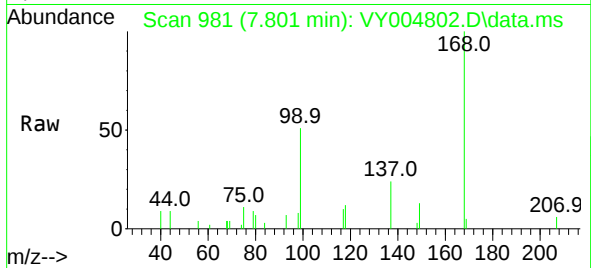




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004802.D
Acq: 17 May 2021 14:09

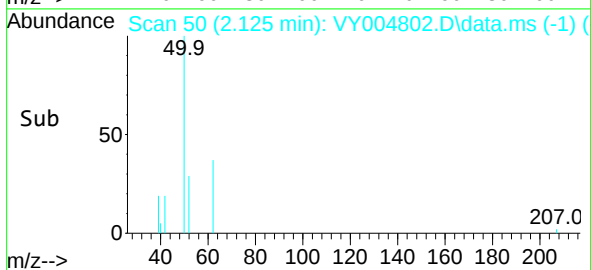
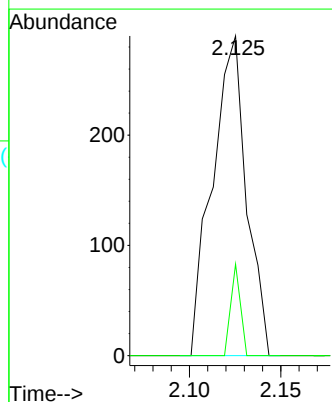
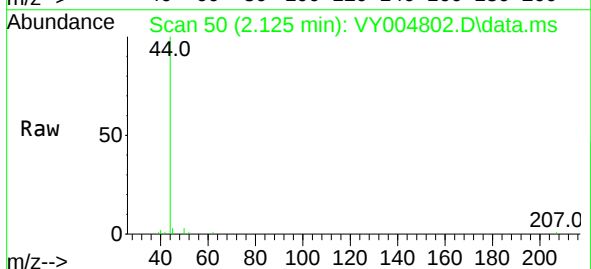
Instrument :
MSVOA_Y
ClientSampled :

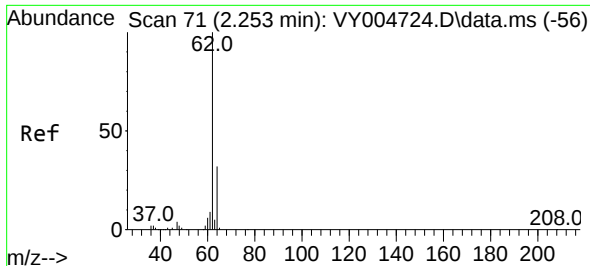
Tgt Ion:168 Resp: 5206
Ion Ratio Lower Upper
168 100
99 51.3 45.6 68.4



#3
Chloromethane
Concen: 4.89 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY004802.D
Acq: 17 May 2021 14:09

Tgt Ion: 50 Resp: 378
Ion Ratio Lower Upper
50 100
52 28.6 25.0 37.6

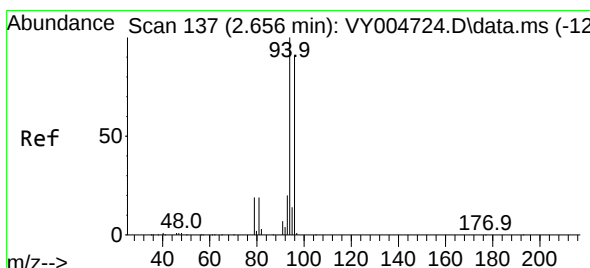
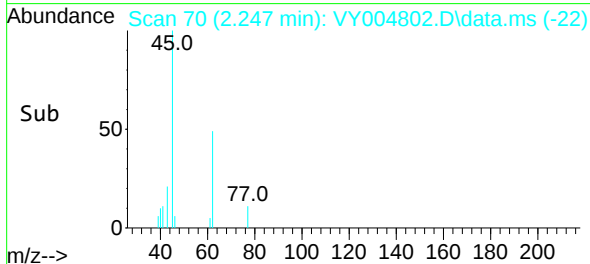
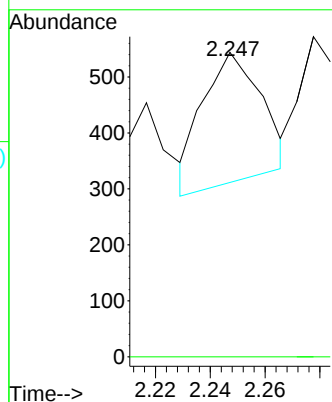
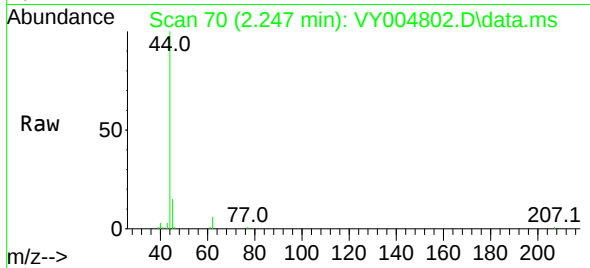




#4
 Vinyl Chloride
 Concen: 4.44 ug/l
 RT: 2.247 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: VY004802.D
 Acq: 17 May 2021 14:09

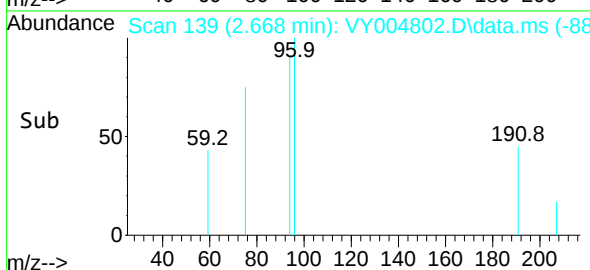
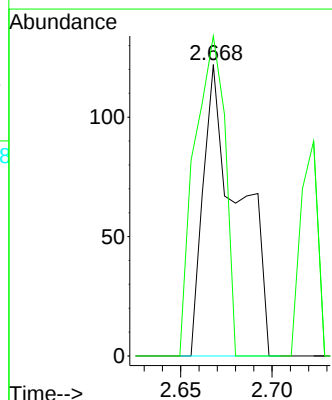
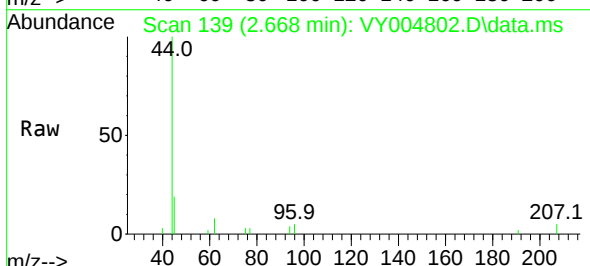
Instrument :
 MSVOA_Y
 ClientSampled :

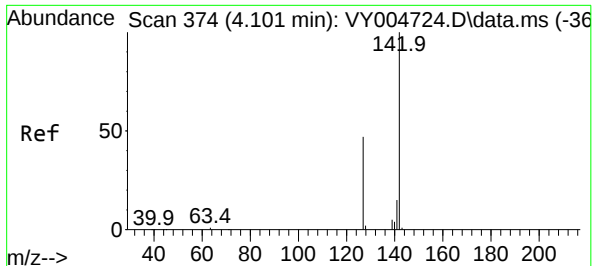
Tgt Ion: 62 Resp: 351
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.2#



#5
 Bromomethane
 Concen: 4.14 ug/l
 RT: 2.668 min Scan# 139
 Delta R.T. 0.012 min
 Lab File: VY004802.D
 Acq: 17 May 2021 14:09

Tgt Ion: 94 Resp: 167
 Ion Ratio Lower Upper
 94 100
 96 109.8 72.6 109.0#





#10

Methyl Iodide

Concen: 2.83 ug/l

RT: 4.107 min Scan# 375

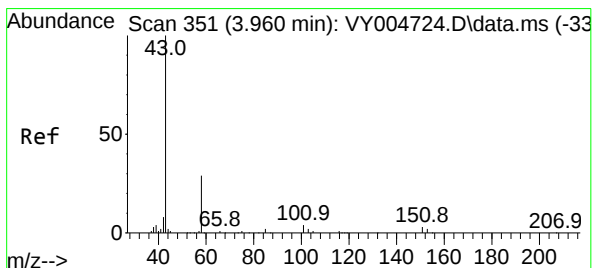
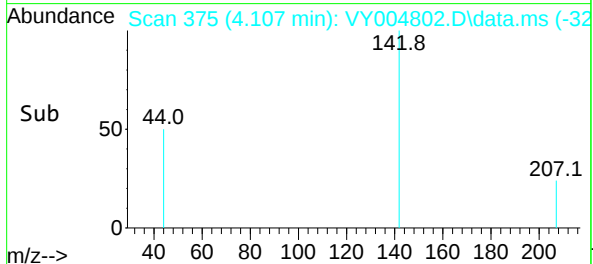
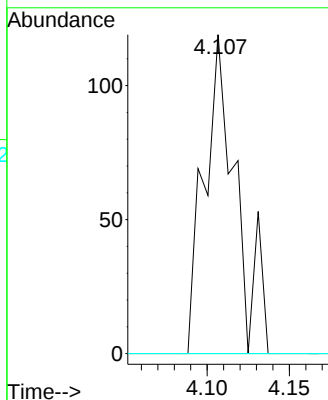
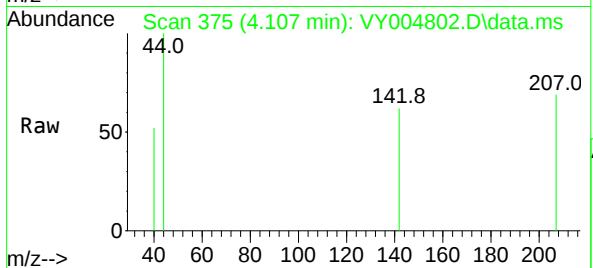
Delta R.T. 0.006 min

Lab File: VY004802.D

Acq: 17 May 2021 14:09

Tgt Ion:	142	Resp:	161
Ion	Ratio	Lower	Upper
142	100		
127	0.0	37.1	55.7#
141	0.0	11.9	17.9#

Instrument :
MSVOA_Y
ClientSampled :



#16

Acetone

Concen: 14.58 ug/l

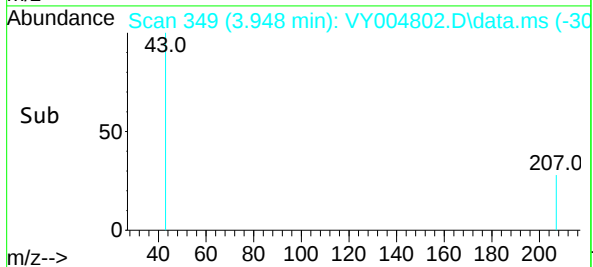
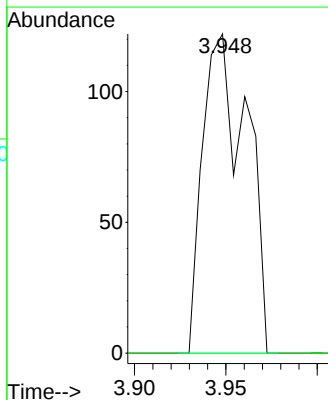
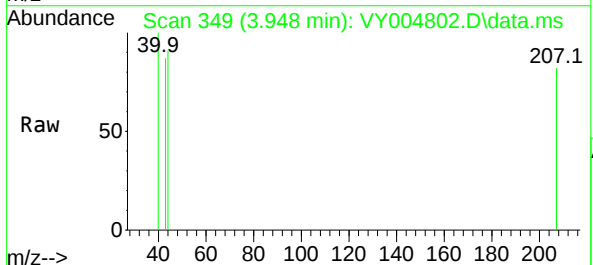
RT: 3.948 min Scan# 349

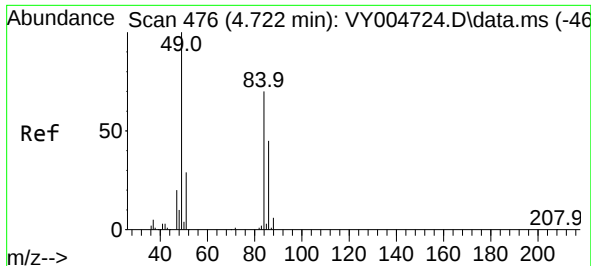
Delta R.T. -0.012 min

Lab File: VY004802.D

Acq: 17 May 2021 14:09

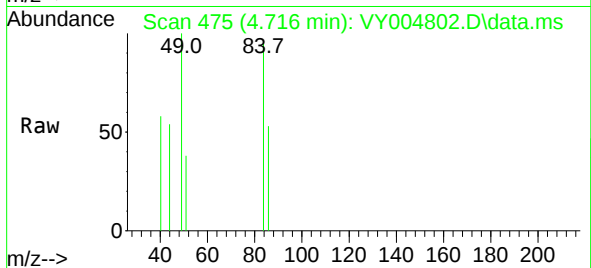
Tgt Ion:	43	Resp:	203
Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.6	35.4#



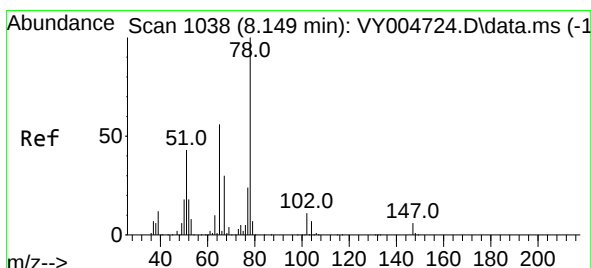
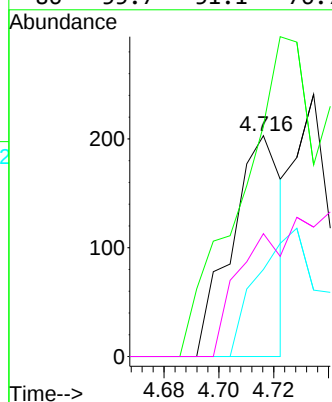
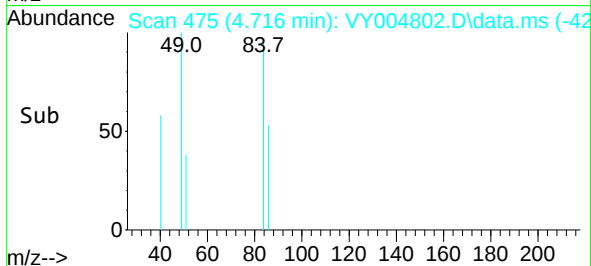


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY004802.D
Acq: 17 May 2021 14:09

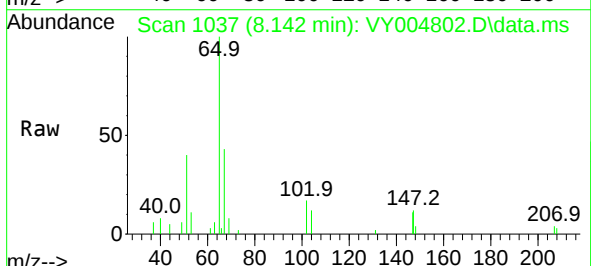
Instrument :
MSVOA_Y
ClientSampled :



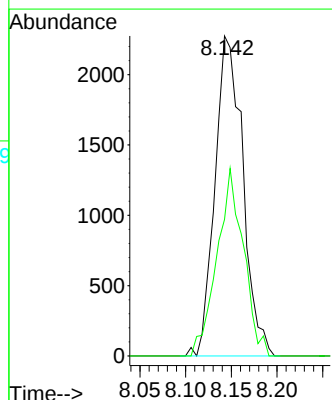
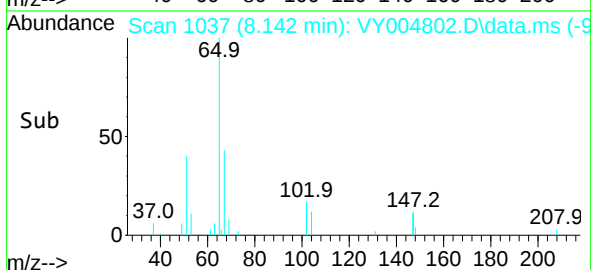
Tgt Ion: 84 Resp: 258
Ion Ratio Lower Upper
84 100
49 104.4 113.8 170.8#
51 39.4 33.5 50.3
86 55.7 51.1 76.7

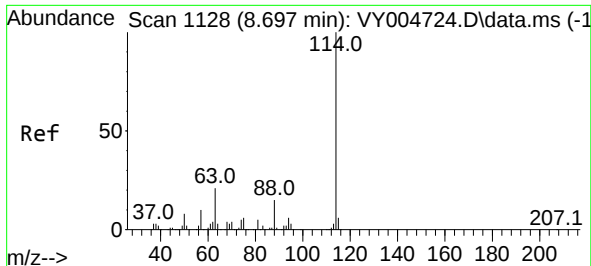


#33
1,2-Dichloroethane-d4
Concen: 77.72 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY004802.D
Acq: 17 May 2021 14:09



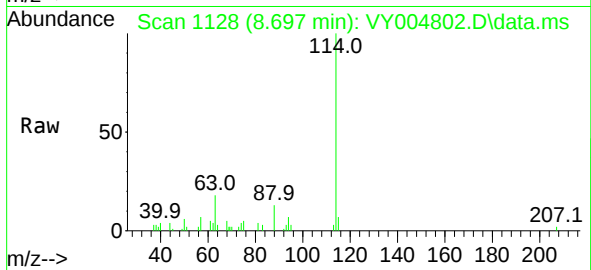
Tgt Ion: 65 Resp: 4816
Ion Ratio Lower Upper
65 100
67 55.9 0.0 108.0



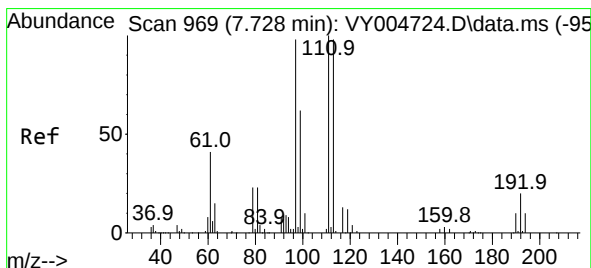
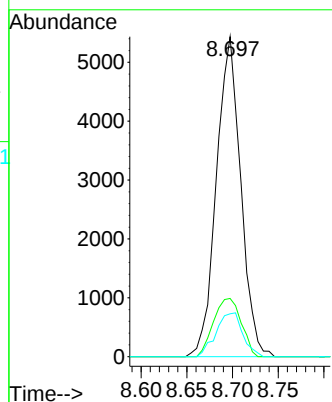
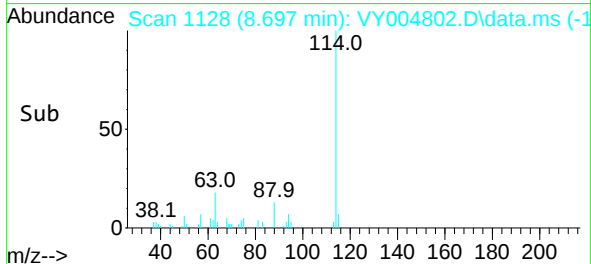


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004802.D
Acq: 17 May 2021 14:09

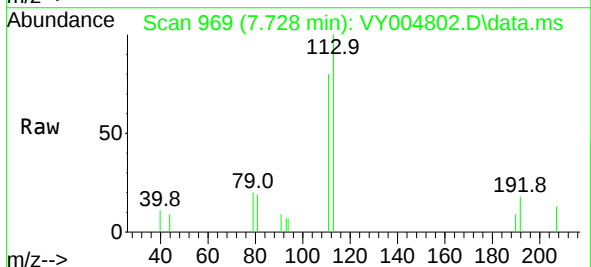
Instrument :
MSVOA_Y
ClientSampled :



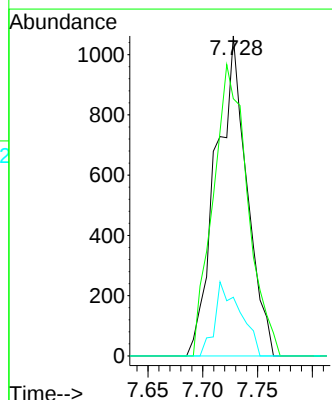
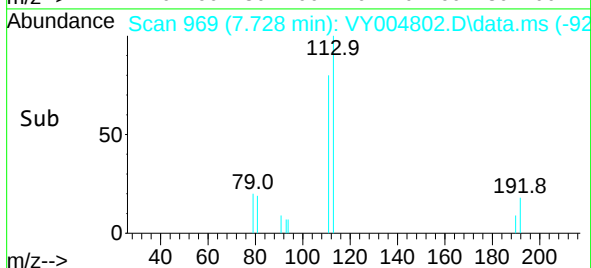
Tgt Ion:	114	Resp:	10072
Ion Ratio	Lower	Upper	
114	100		
63	18.2	0.0	42.8
88	13.4	0.0	31.0

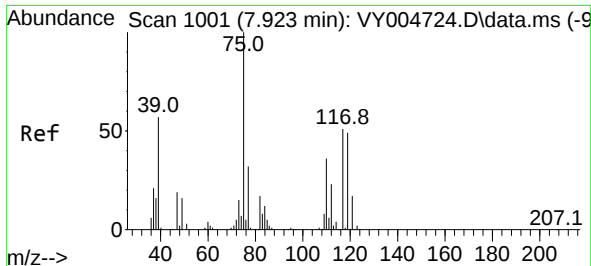


#35
Dibromofluoromethane
Concen: 37.85 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004802.D
Acq: 17 May 2021 14:09



Tgt Ion:	113	Resp:	2087
Ion Ratio	Lower	Upper	
113	100		
111	101.8	80.5	120.7
192	19.0	15.0	22.6





#36

1,1-Dichloropropene

Concen: 5.46 ug/l

RT: 7.801 min Scan# 981

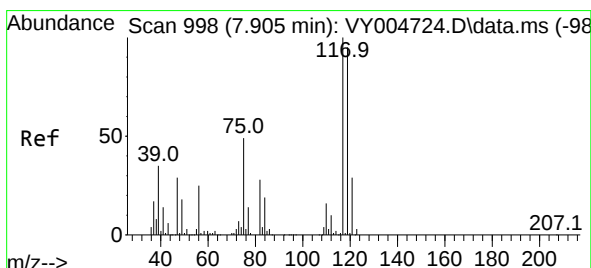
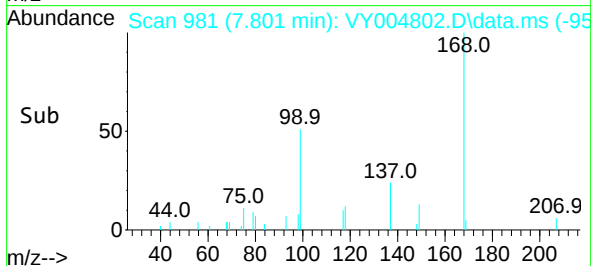
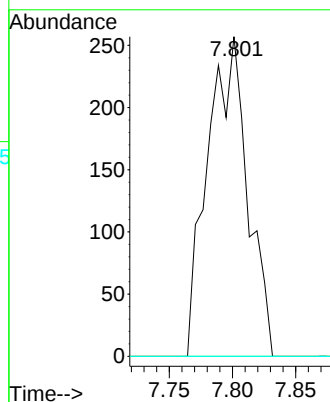
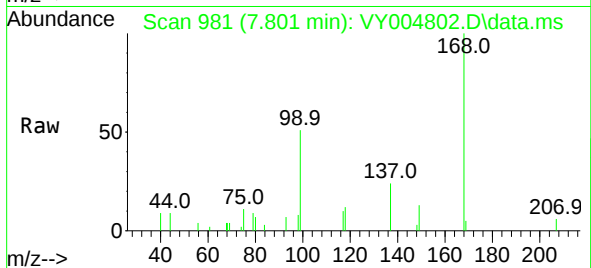
Delta R.T. -0.122 min

Lab File: VY004802.D

Acq: 17 May 2021 14:09

Tgt Ion: 75	Resp:	564
Ion Ratio	Lower	Upper
75	100	
110	0.0	17.0 50.9#
77	0.0	25.0 37.4#

Instrument :
MSVOA_Y
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.95 ug/l

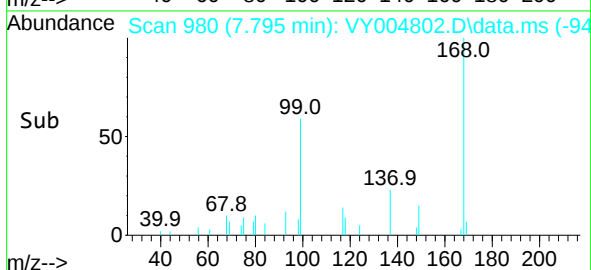
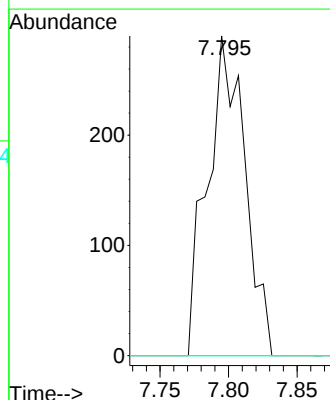
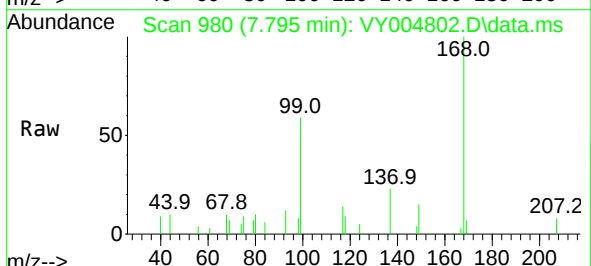
RT: 7.795 min Scan# 980

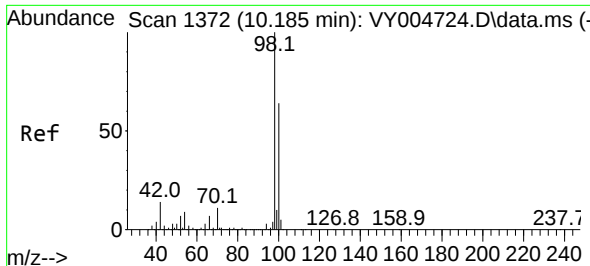
Delta R.T. -0.110 min

Lab File: VY004802.D

Acq: 17 May 2021 14:09

Tgt Ion: 117	Resp:	552
Ion Ratio	Lower	Upper
117	100	
119	0.0	76.3 114.5#
121	0.0	23.0 34.6#

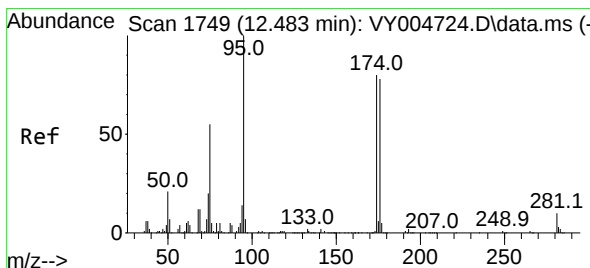
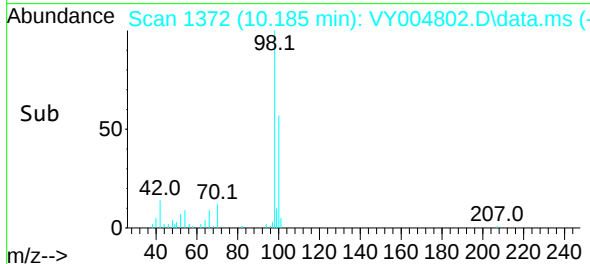
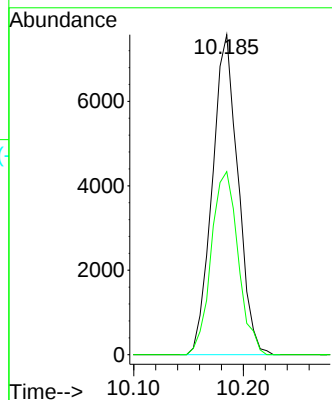
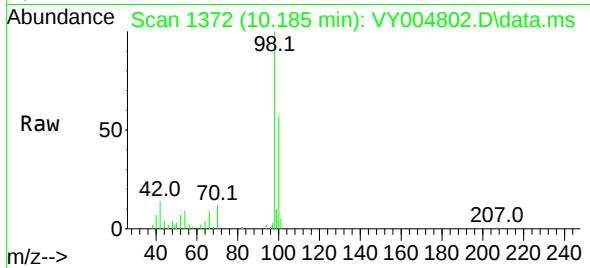




#50
Toluene-d8
Concen: 49.57 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004802.D
Acq: 17 May 2021 14:09

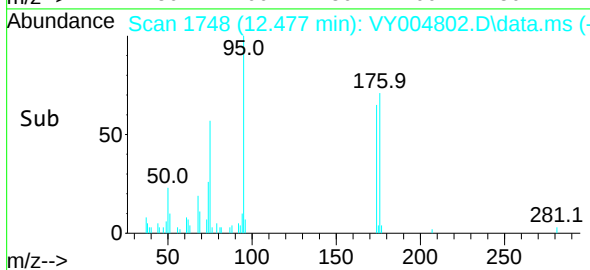
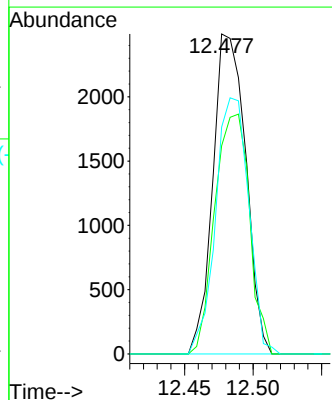
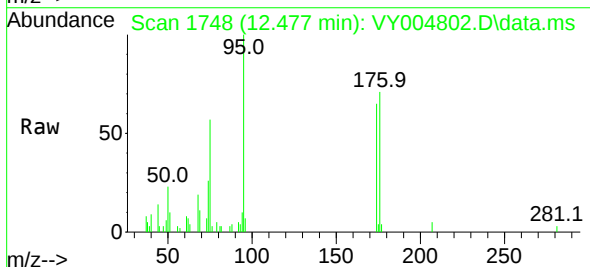
Instrument :
MSVOA_Y
ClientSampled :

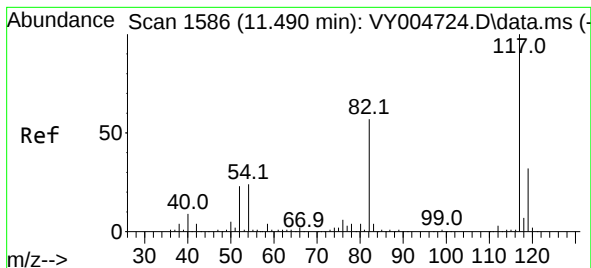
Tgt Ion: 98 Resp: 12346
Ion Ratio Lower Upper
98 100
100 60.0 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 49.34 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY004802.D
Acq: 17 May 2021 14:09

Tgt Ion: 95 Resp: 4148
Ion Ratio Lower Upper
95 100
174 79.0 0.0 164.2
176 80.7 0.0 159.0

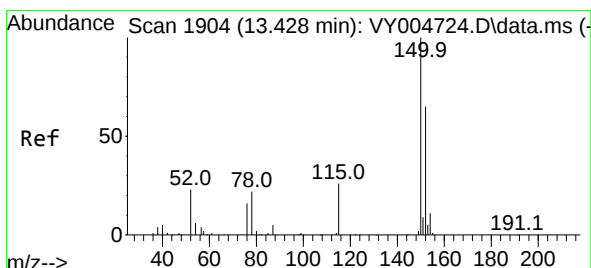
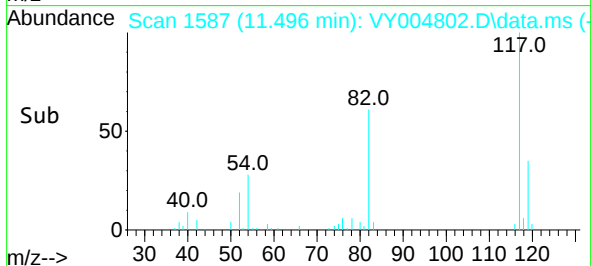
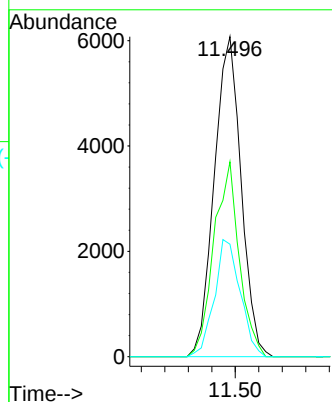
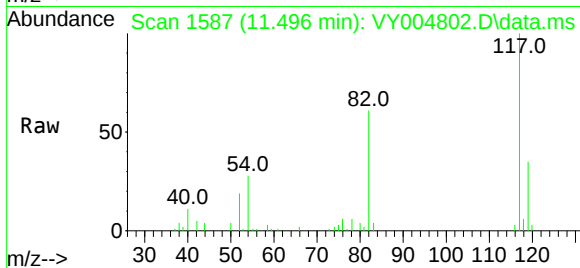




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004802.D
Acq: 17 May 2021 14:09

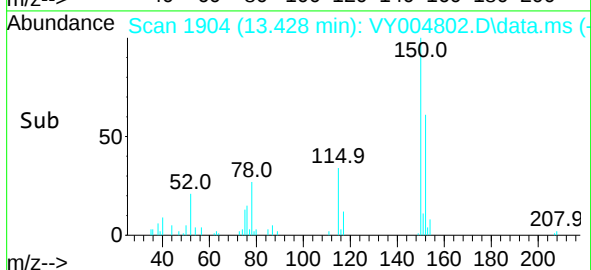
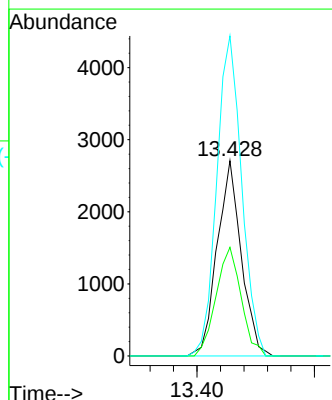
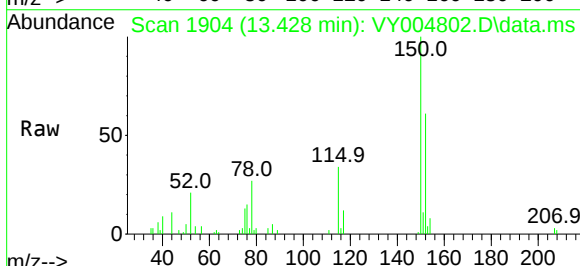
Instrument :
MSVOA_Y
ClientSampled :

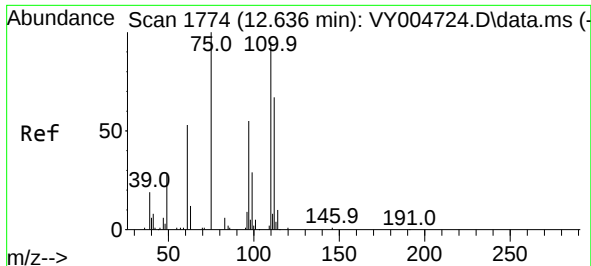
Tgt Ion:117 Resp: 9635
Ion Ratio Lower Upper
117 100
82 60.9 45.4 68.2
119 35.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004802.D
Acq: 17 May 2021 14:09

Tgt Ion:152 Resp: 3866
Ion Ratio Lower Upper
152 100
115 57.8 29.4 88.3
150 169.4 0.0 349.8

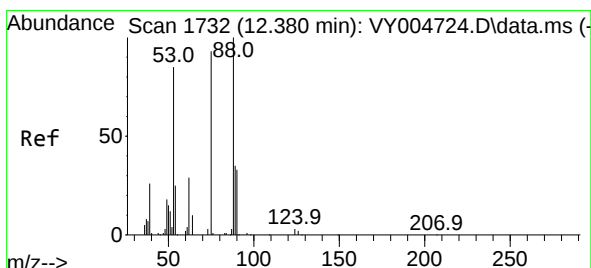
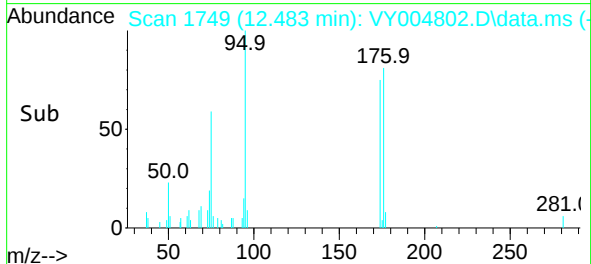
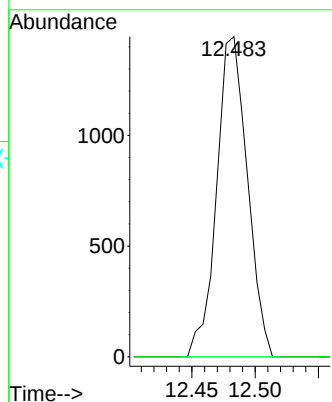
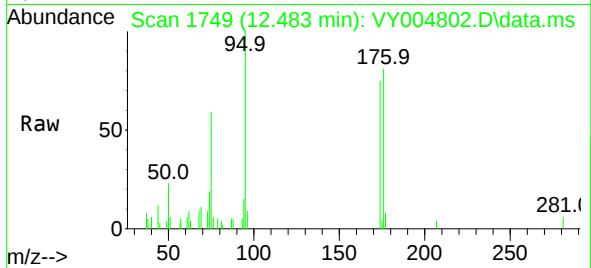




#76
1,2,3-Trichloropropane
Concen: 59.45 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004802.D
Acq: 17 May 2021 14:09

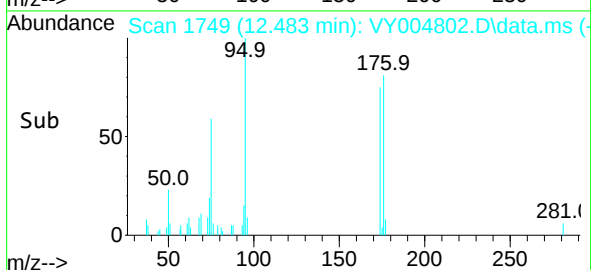
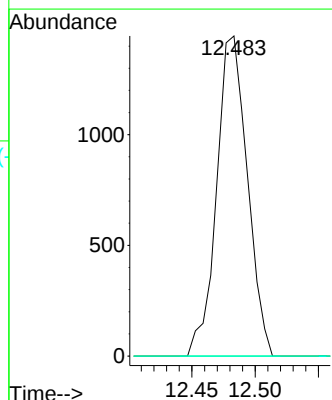
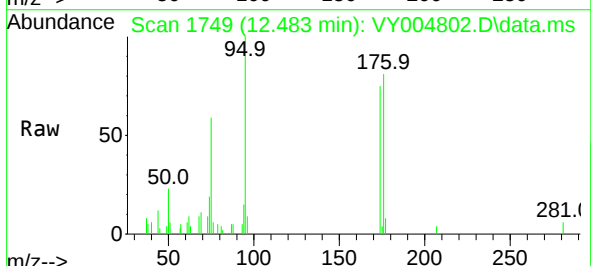
Instrument :
MSVOA_Y
ClientSampled :

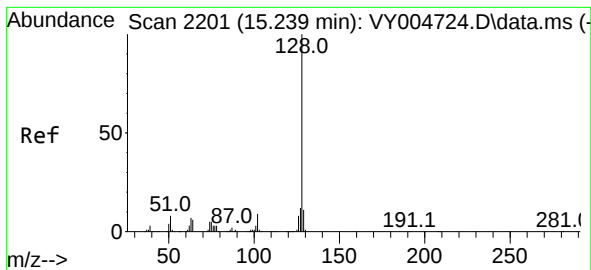
Tgt Ion: 75 Resp: 2441
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 103.07 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004802.D
Acq: 17 May 2021 14:09

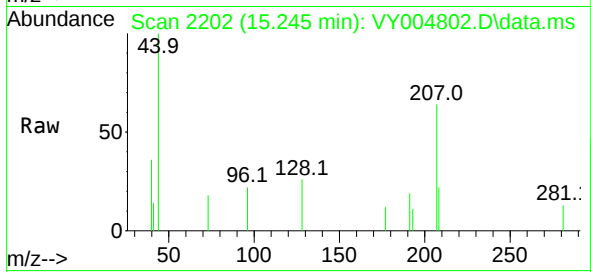
Tgt Ion: 75 Resp: 2441
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.0 35.5 53.3#





#95
Naphthalene
Concen: 1.23 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY004802.D
Acq: 17 May 2021 14:09

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 195
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

