

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
 Data File : VY004455.D
 Acq On : 15 Apr 2021 20:47
 Operator : SY/MD
 Sample : M2049-08
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 16 05:07:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

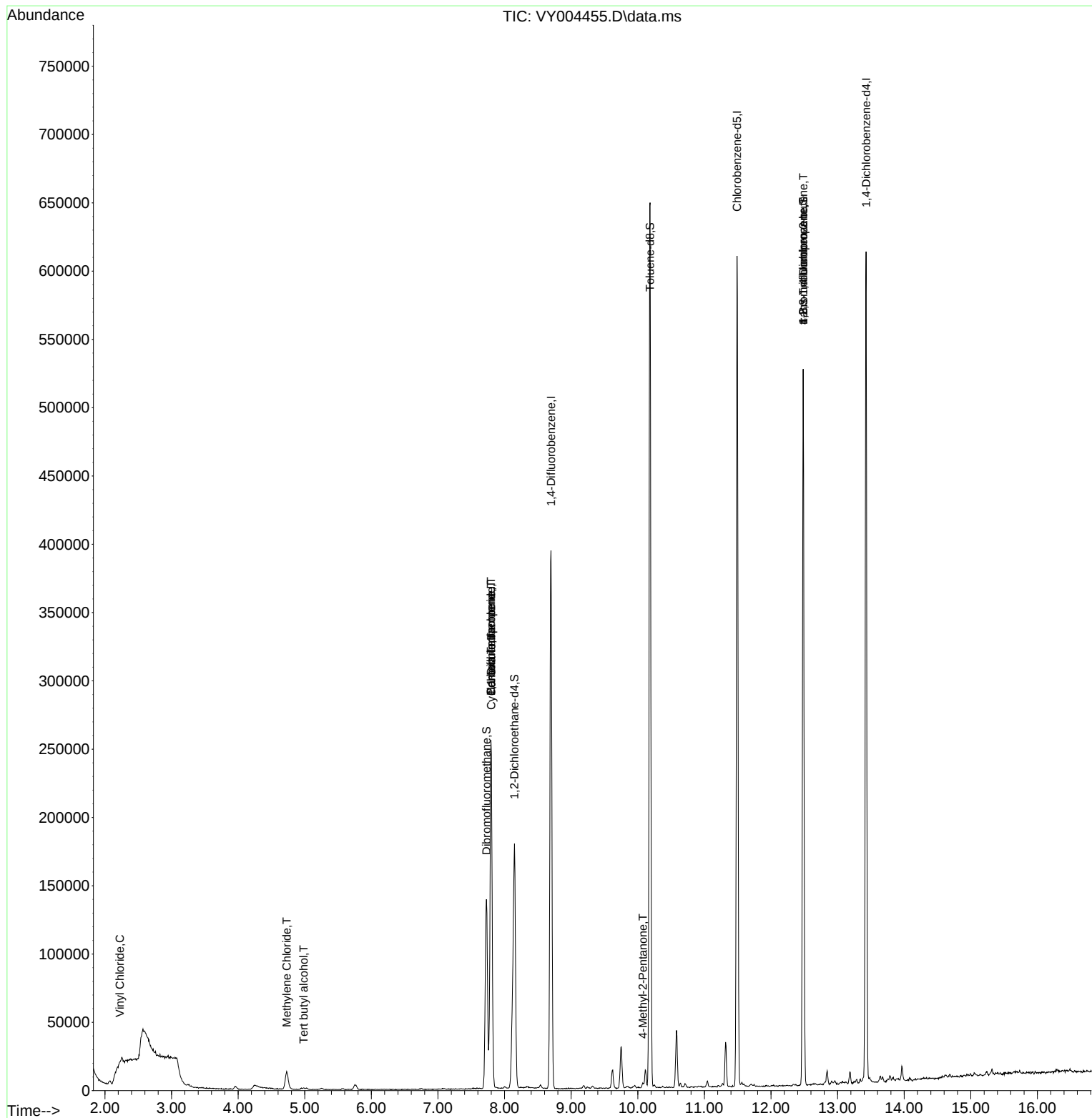
Internal Standards						
1) Pentafluorobenzene	7.795	168	192813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	333681	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	319039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147594	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	120736	56.36	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.72%	
35) Dibromofluoromethane	7.728	113	98857	53.39	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.78%	
50) Toluene-d8	10.185	98	413824	52.54	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.08%	
62) 4-Bromofluorobenzene	12.483	95	144671	54.12	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.24%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.223	62	10084	3.70	ug/l	# 43
11) Tert butyl alcohol	4.985	59	1943	9.20	ug/l	# 79
16) Acetone	3.954	43	3938	Below Cal		# 82
20) Methylene Chloride	4.729	84	9060	4.38	ug/l	# 94
31) Cyclohexane	7.801	56	4517	1.15	ug/l	# 29
36) 1,1-Dichloropropene	7.795	75	15602	4.71	ug/l	# 50
38) Carbon Tetrachloride	7.795	117	19156	6.68	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.075	43	2350	1.13	ug/l	# 93
76) 1,2,3-Trichloropropane	12.483	75	79212	50.00	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	79212	89.45	ug/l	# 12

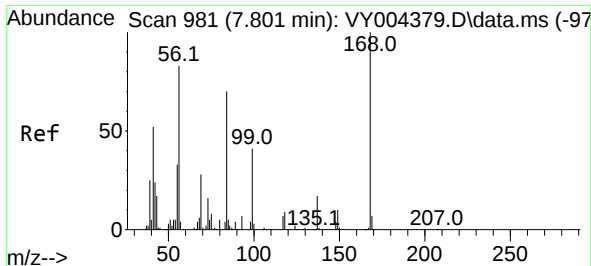
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

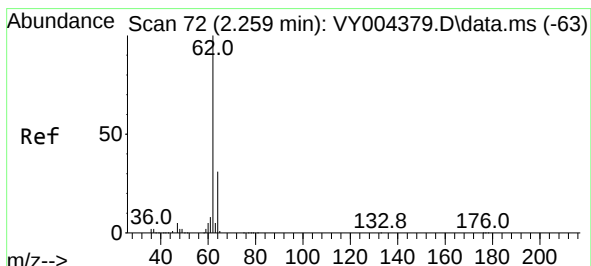
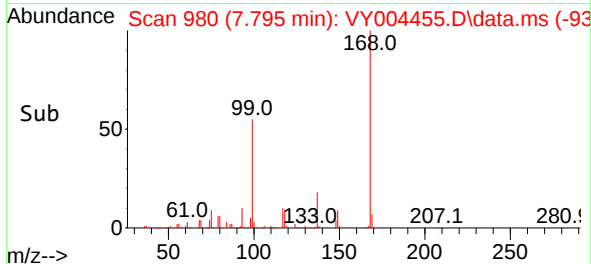
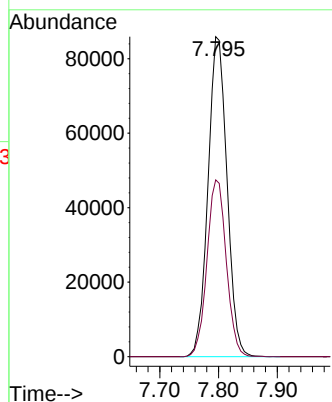
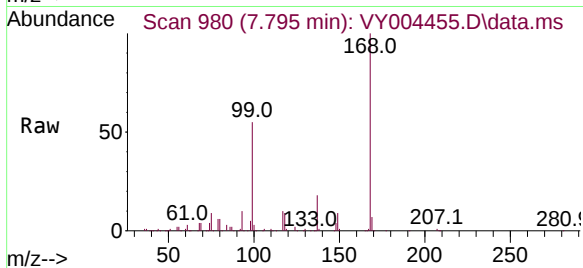




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004455.D
Acq: 15 Apr 2021 20:47

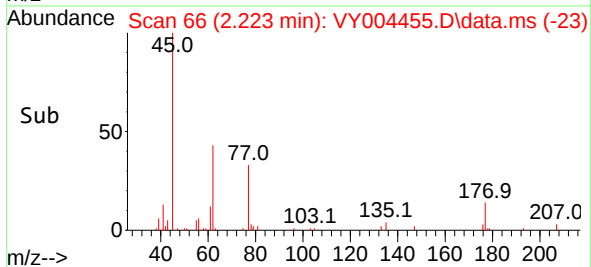
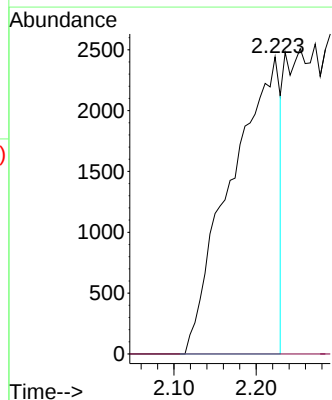
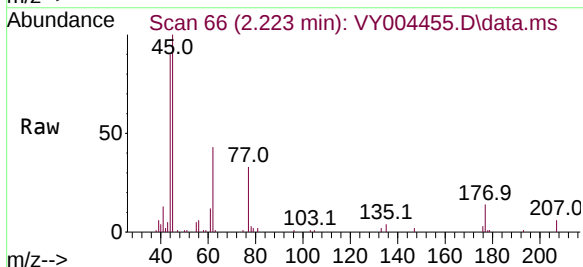
Instrument :
MSVOA_Y
ClientSampleId :

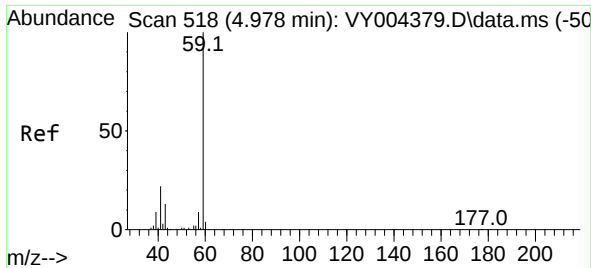
Tgt Ion:168 Resp: 192813
Ion Ratio Lower Upper
168 100
99 55.2 45.5 68.3



#4
Vinyl Chloride
Concen: 3.70 ug/l
RT: 2.223 min Scan# 66
Delta R.T. -0.036 min
Lab File: VY004455.D
Acq: 15 Apr 2021 20:47

Tgt Ion: 62 Resp: 10084
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



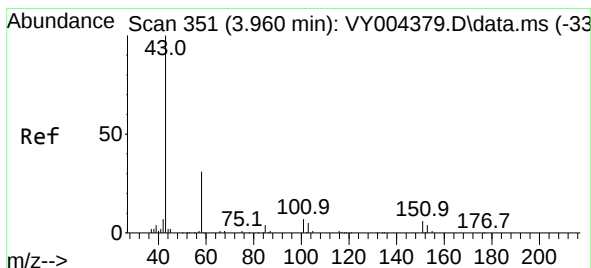
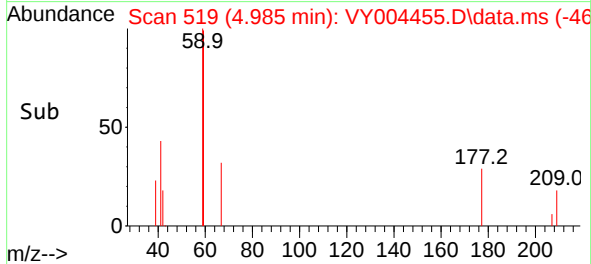
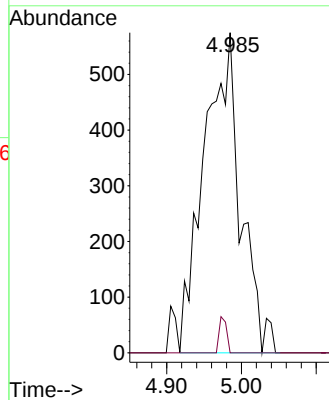
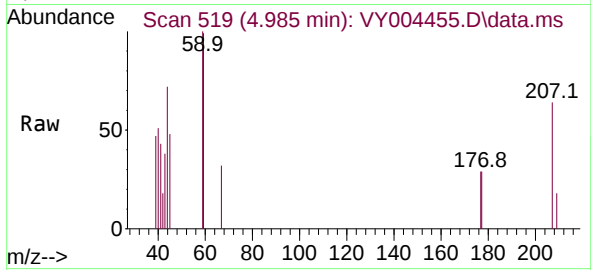


#11

Tert butyl alcohol
Concen: 9.20 ug/l
RT: 4.985 min Scan# 519
Delta R.T. 0.006 min
Lab File: VY004455.D
Acq: 15 Apr 2021 20:47

Instrument :
MSVOA_Y
ClientSampled :

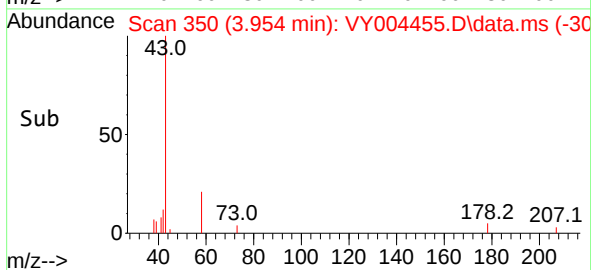
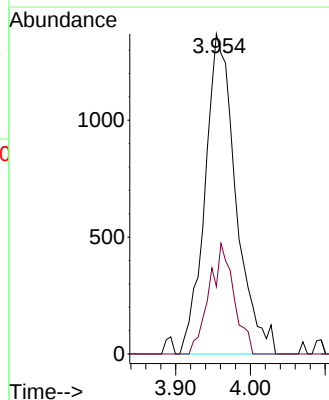
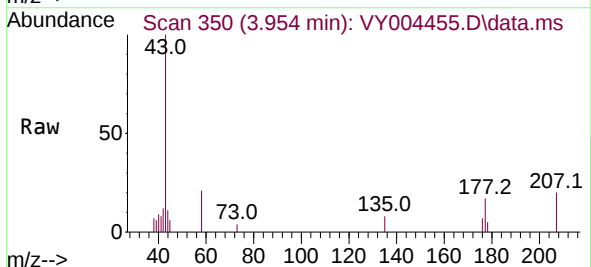
Tgt Ion: 59 Resp: 1943
Ion Ratio Lower Upper
59 100
57 2.3 8.1 12.1#

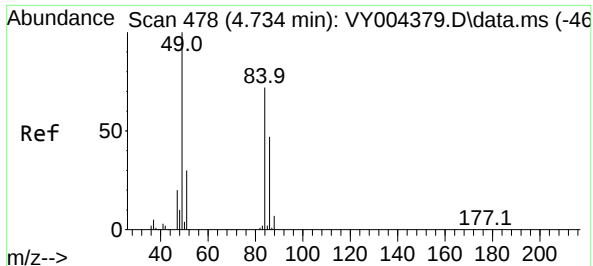


#16

Acetone
Concen: Below Cal
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004455.D
Acq: 15 Apr 2021 20:47

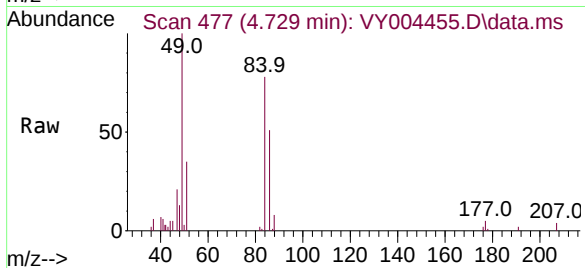
Tgt Ion: 43 Resp: 3938
Ion Ratio Lower Upper
43 100
58 21.0 24.6 37.0#





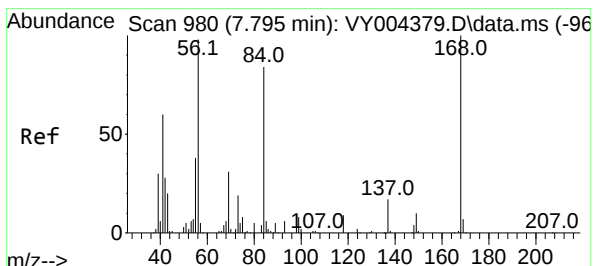
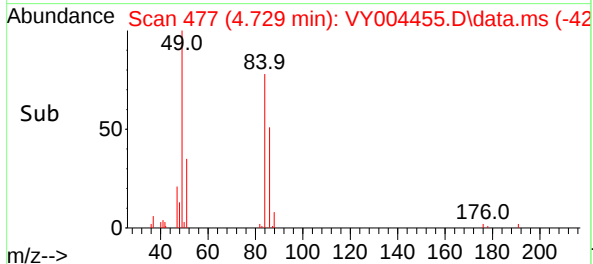
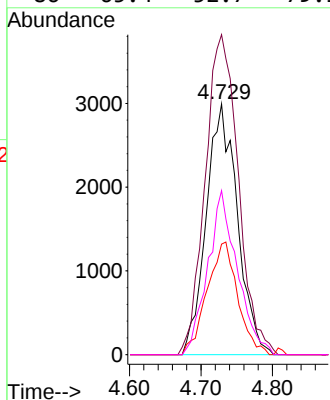
#20
Methylene Chloride
Concen: 4.38 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004455.D
Acq: 15 Apr 2021 20:47

Instrument :
MSVOA_Y
ClientSampleId :

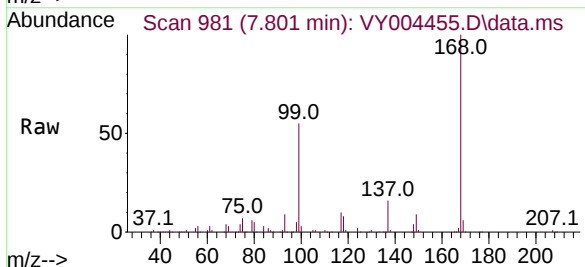


Tgt Ion: 84 Resp: 9060

Ion	Ratio	Lower	Upper
84	100		
49	127.6	111.2	166.8
51	44.1	33.4	50.2
86	65.4	52.7	79.1

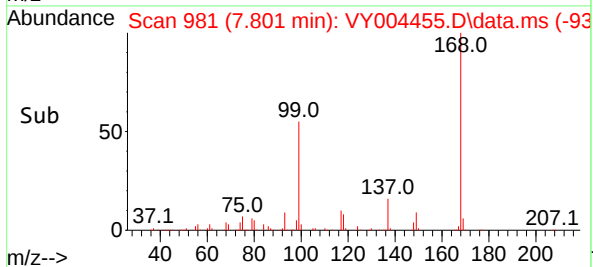
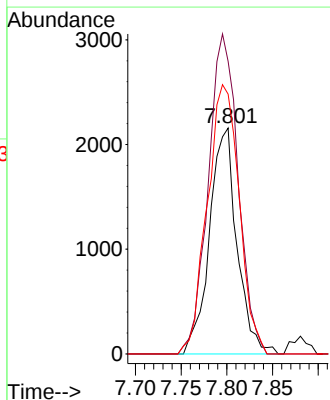


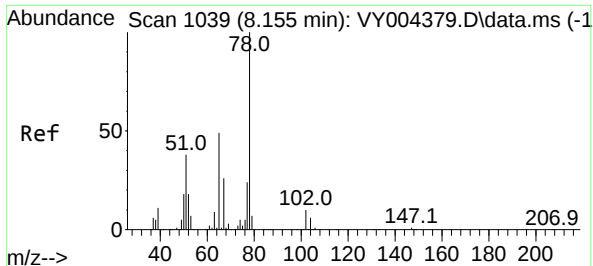
#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004455.D
Acq: 15 Apr 2021 20:47



Tgt Ion: 56 Resp: 4517

Ion	Ratio	Lower	Upper
56	100		
69	129.5	25.8	38.6#
84	115.0	68.2	102.4#





#33

1,2-Dichloroethane-d4

Concen: 56.36 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY004455.D

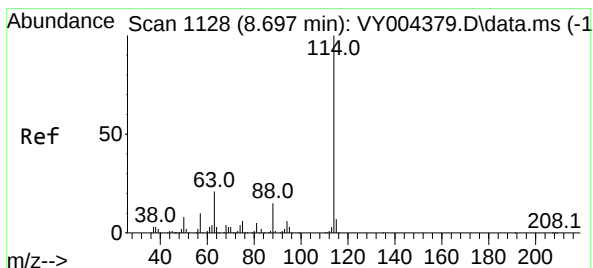
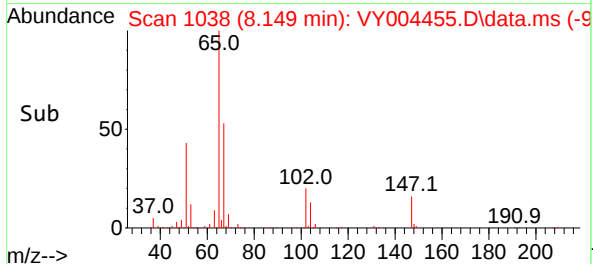
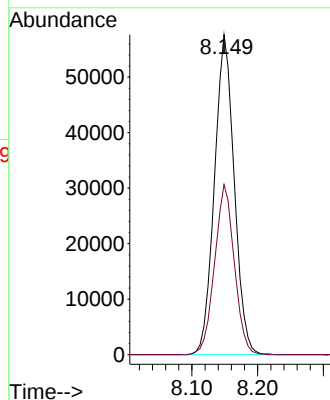
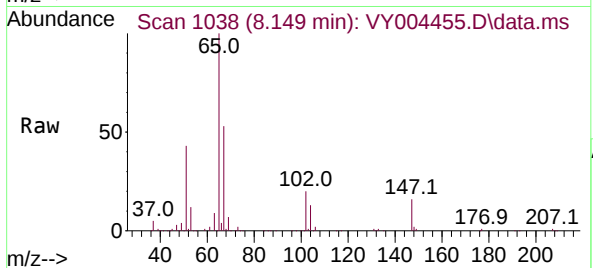
Acq: 15 Apr 2021 20:47

Tgt Ion: 65 Resp: 120736

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY004455.D

Acq: 15 Apr 2021 20:47

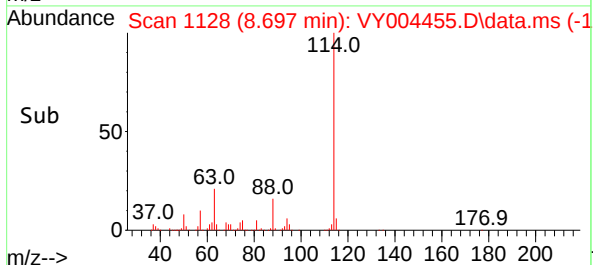
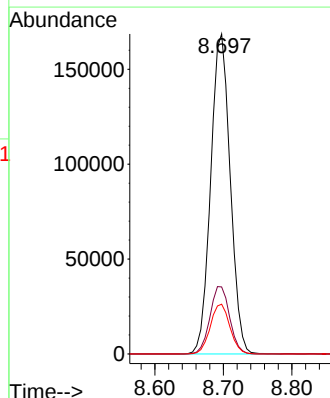
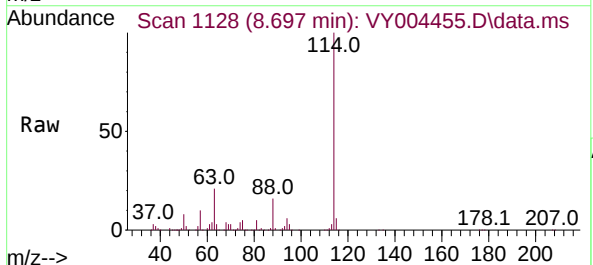
Tgt Ion: 114 Resp: 333681

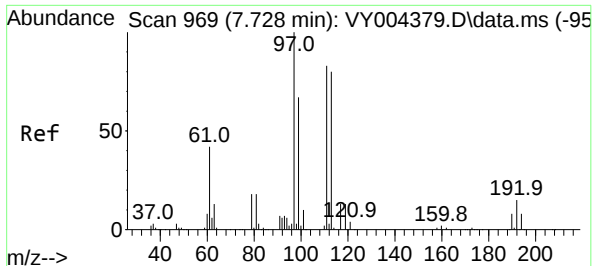
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.4

88 15.5 0.0 30.8





#35

Dibromofluoromethane

Concen: 53.39 ug/l

RT: 7.728 min Scan# 969

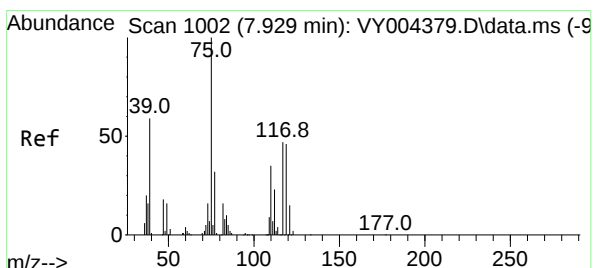
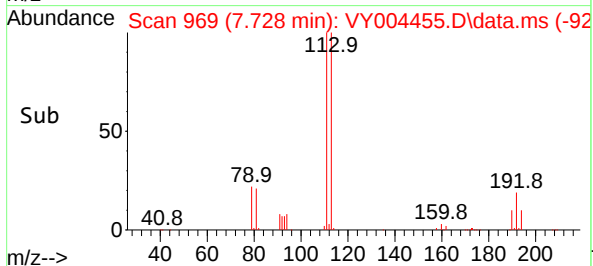
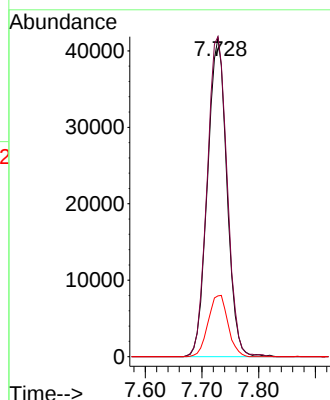
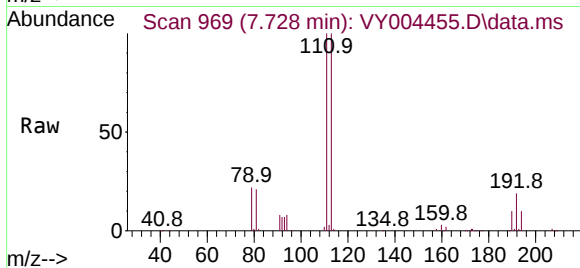
Delta R.T. 0.000 min

Lab File: VY004455.D

Acq: 15 Apr 2021 20:47

Tgt Ion:	113	Resp:	98857
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.6	123.8
192	19.7	16.1	24.1

Instrument :
MSVOA_Y
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.71 ug/l

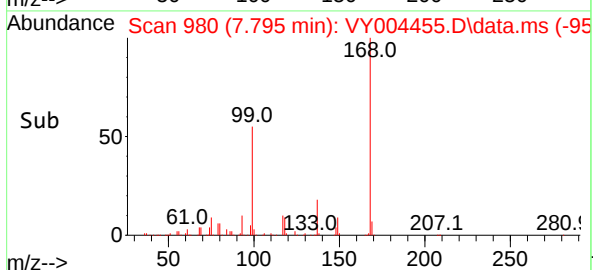
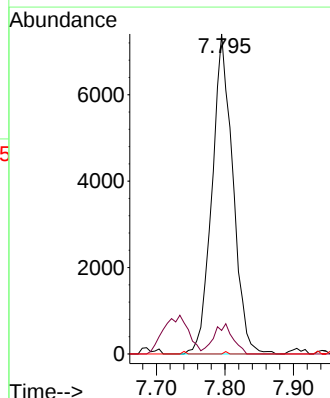
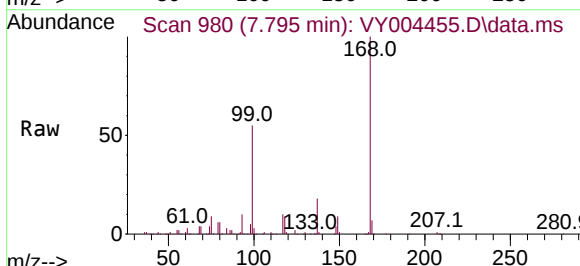
RT: 7.795 min Scan# 980

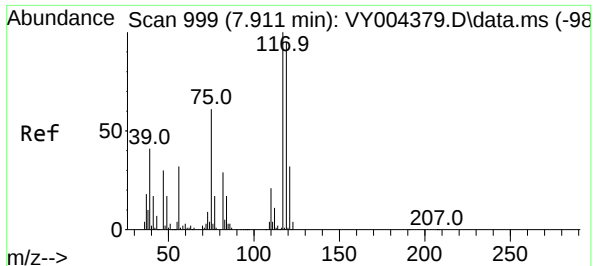
Delta R.T. -0.134 min

Lab File: VY004455.D

Acq: 15 Apr 2021 20:47

Tgt Ion:	75	Resp:	15602
Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.3	51.7#
77	0.1	24.3	36.5#

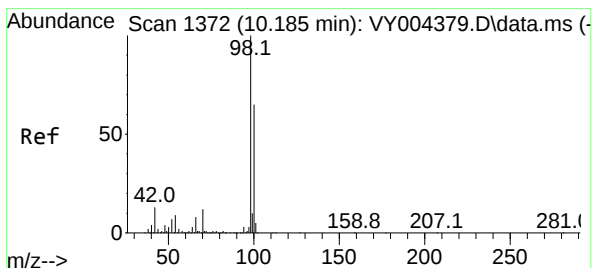
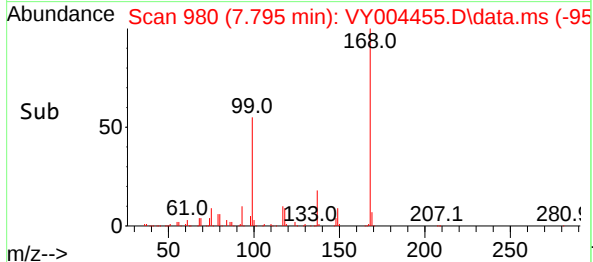
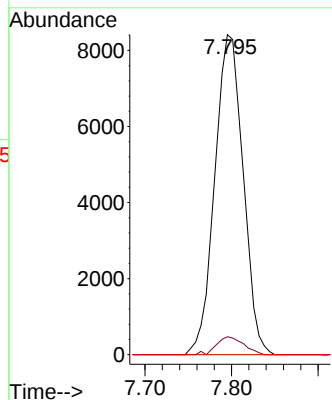
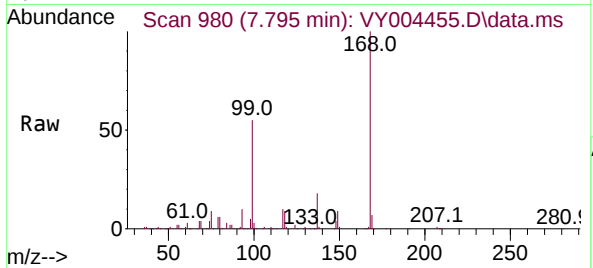




#38
Carbon Tetrachloride
Concen: 6.68 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.115 min
Lab File: VY004455.D
Acq: 15 Apr 2021 20:47

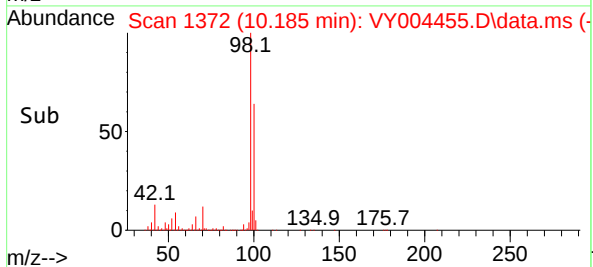
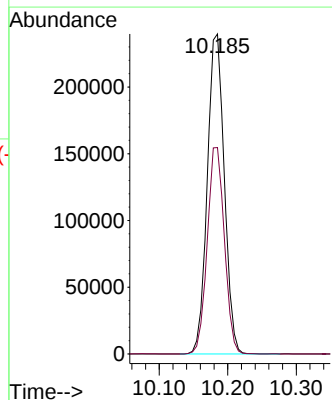
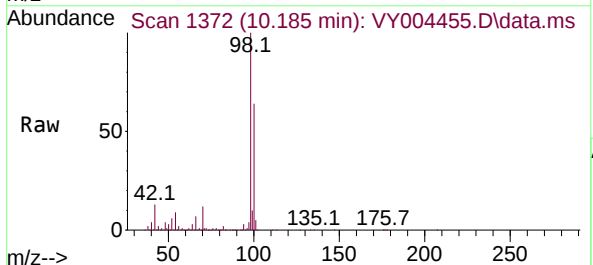
Instrument :
MSVOA_Y
ClientSampleId :

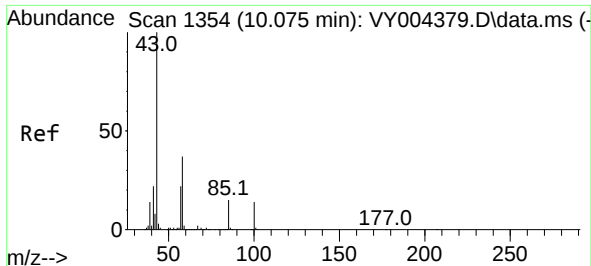
Tgt Ion:117 Resp: 19156
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 52.54 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004455.D
Acq: 15 Apr 2021 20:47

Tgt Ion: 98 Resp: 413824
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6

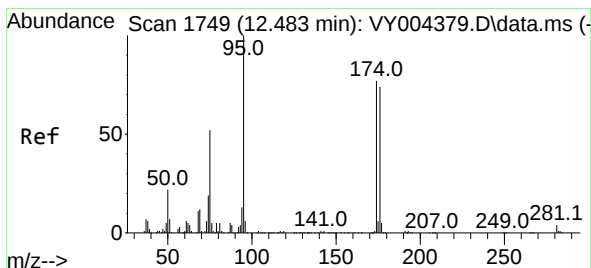
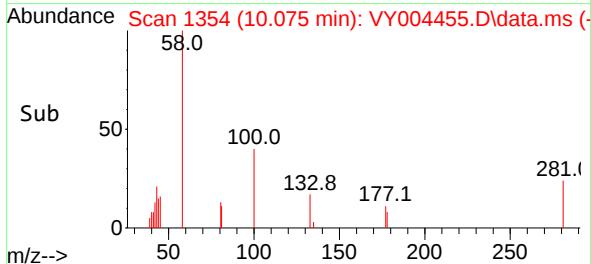
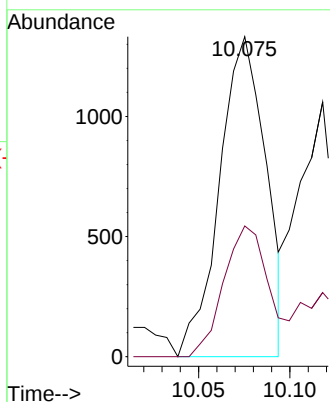
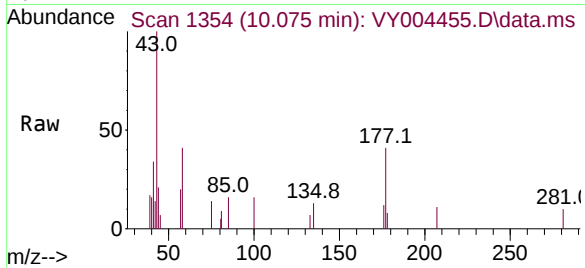




#51
4-Methyl-2-Pentanone
Concen: 1.13 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004455.D
Acq: 15 Apr 2021 20:47

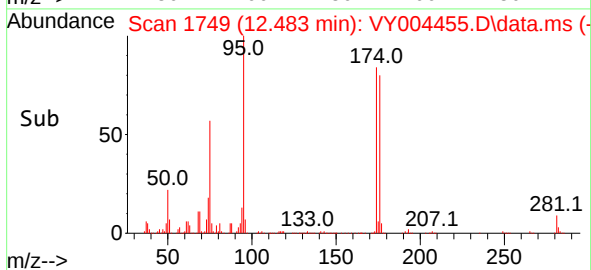
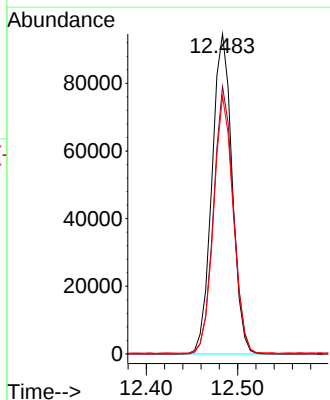
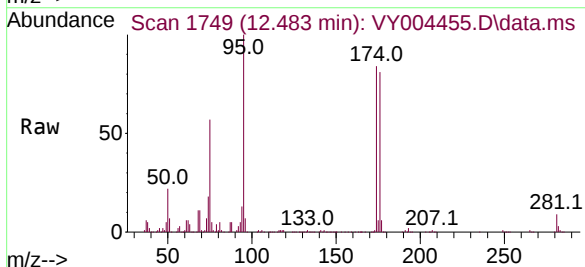
Instrument :
MSVOA_Y
ClientSampled :

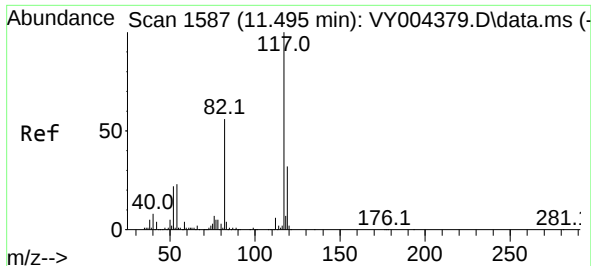
Tgt Ion: 43 Resp: 2350
Ion Ratio Lower Upper
43 100
58 40.5 29.2 43.8



#62
4-Bromofluorobenzene
Concen: 54.12 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004455.D
Acq: 15 Apr 2021 20:47

Tgt Ion: 95 Resp: 144671
Ion Ratio Lower Upper
95 100
174 82.1 0.0 162.4
176 78.6 0.0 156.0

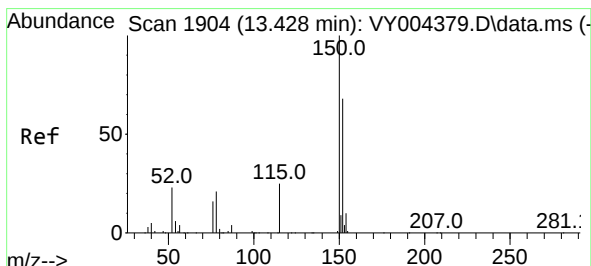
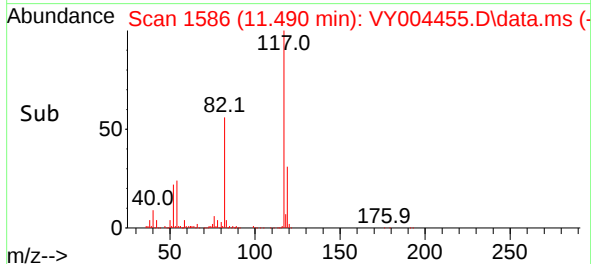
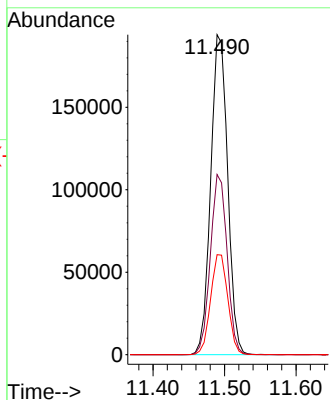
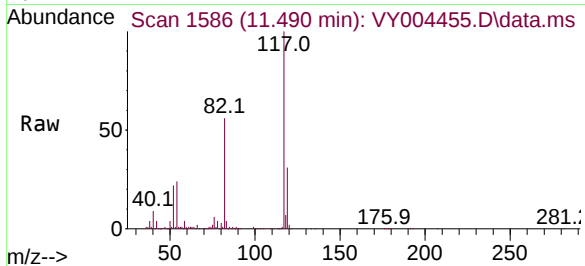




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004455.D
Acq: 15 Apr 2021 20:47

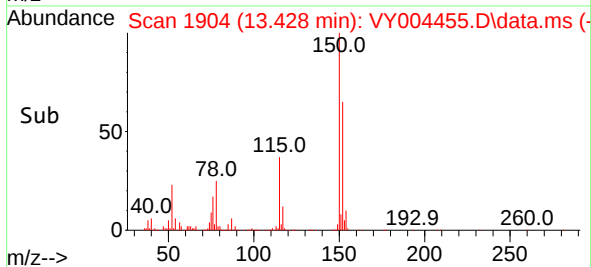
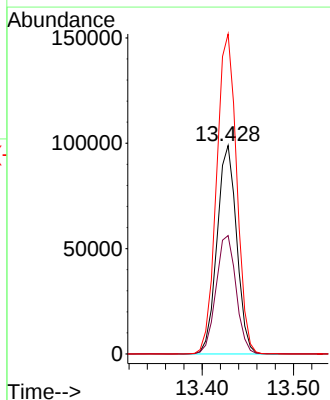
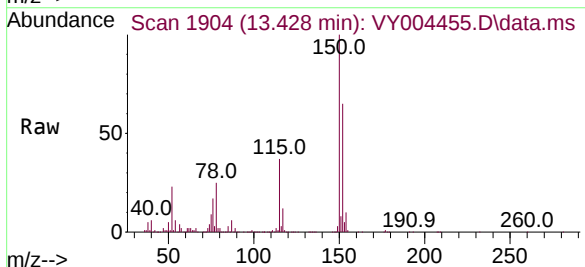
Instrument :
MSVOA_Y
ClientSampled :

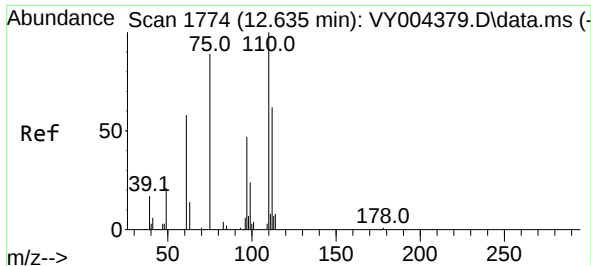
Tgt Ion:117 Resp: 319039
Ion Ratio Lower Upper
117 100
82 56.3 44.9 67.3
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004455.D
Acq: 15 Apr 2021 20:47

Tgt Ion:152 Resp: 147594
Ion Ratio Lower Upper
152 100
115 58.4 29.6 88.8
150 157.2 0.0 348.4

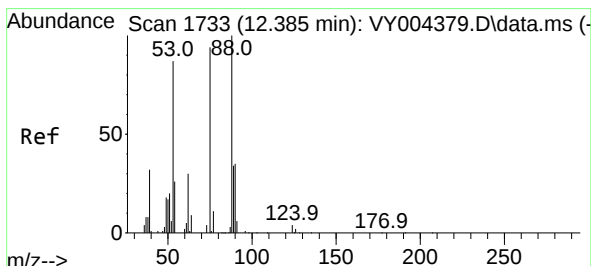
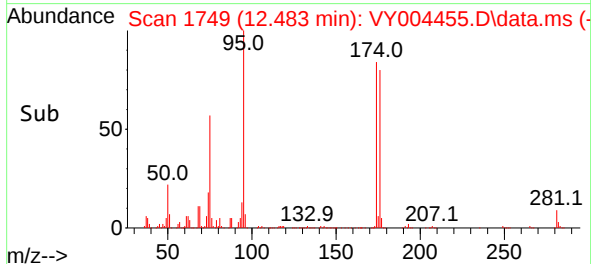
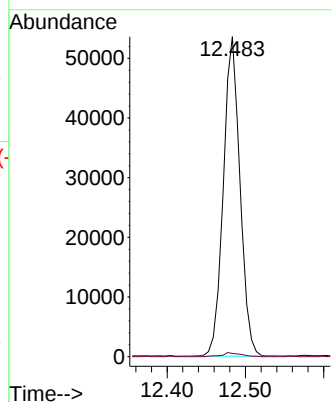
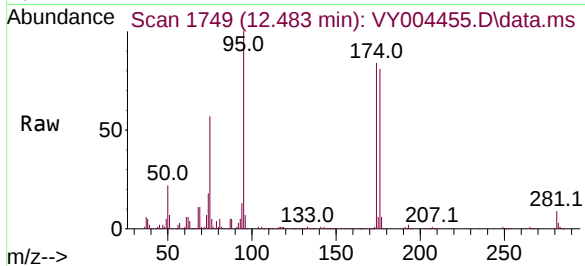




#76
1,2,3-Trichloropropane
Concen: 50.00 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004455.D
Acq: 15 Apr 2021 20:47

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 79212
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.45 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004455.D
Acq: 15 Apr 2021 20:47

Tgt Ion: 75 Resp: 79212
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.0 36.1 54.1#

