

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081821\
 Data File : VY005742.D
 Acq On : 18 Aug 2021 16:08
 Operator : SY/MD
 Sample : M3428-07
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 19 05:18:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

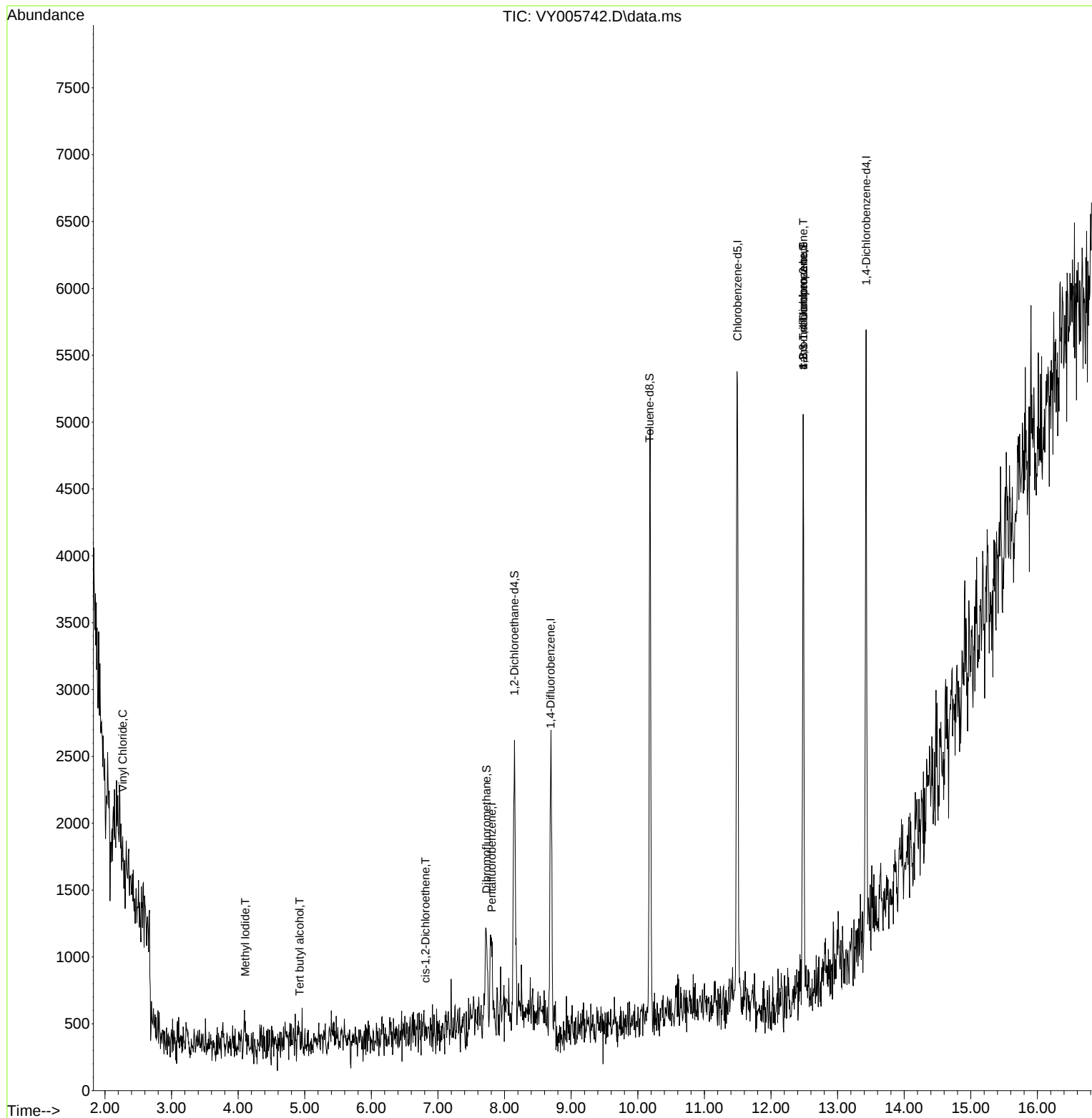
Internal Standards						
1) Pentafluorobenzene	7.807	168	874	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	2506	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	3170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1809	204.475	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 408.940%#	
35) Dibromofluoromethane	7.728	113	558	39.771	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 79.540%	
50) Toluene-d8	10.179	98	3139	53.345	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.700%	
62) 4-Bromofluorobenzene	12.483	95	1253	64.303	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 128.600%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.266	62	20	1.947	ug/l	# 42
10) Methyl Iodide	4.107	142	248	26.687	ug/l	# 39
11) Tert butyl alcohol	4.924	59	22	25.155	ug/l	# 73
20) Methylene Chloride	4.710	84	38	Below Cal	#	4
27) cis-1,2-Dichloroethene	6.814	96	25	2.610	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	756	61.824	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	756	124.630	ug/l	# 11

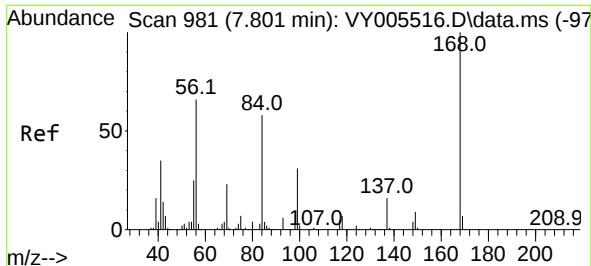
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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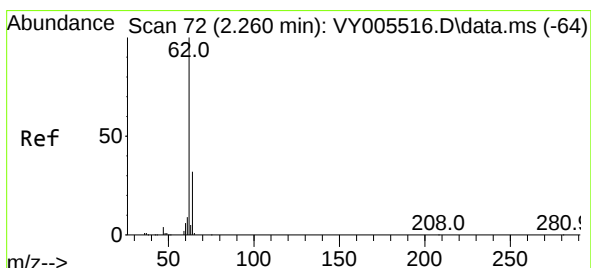
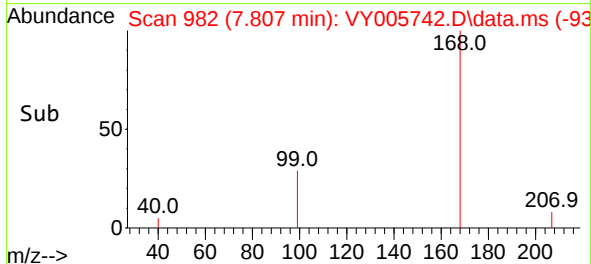
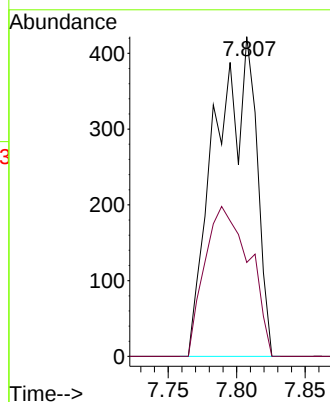
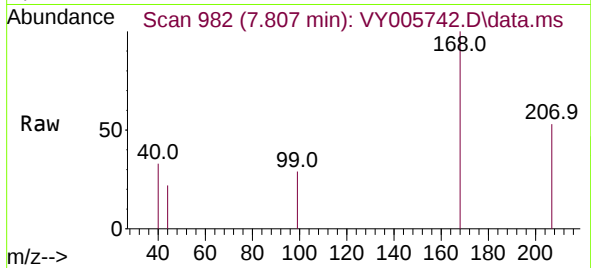




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY005742.D
Acq: 18 Aug 2021 16:08

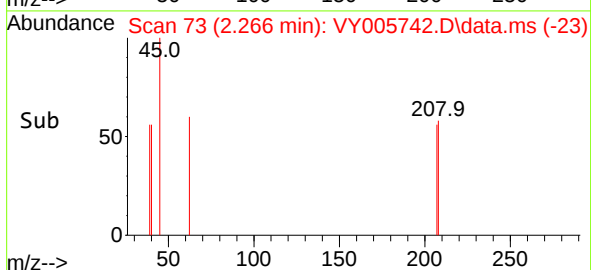
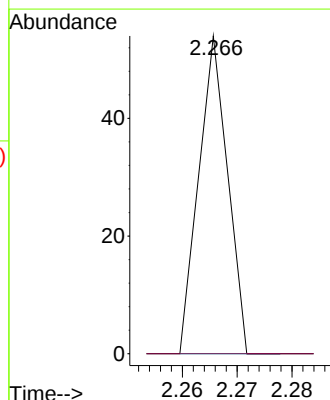
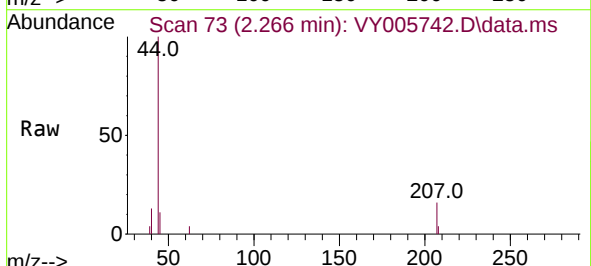
Instrument :
MSVOA_Y
ClientSampled :

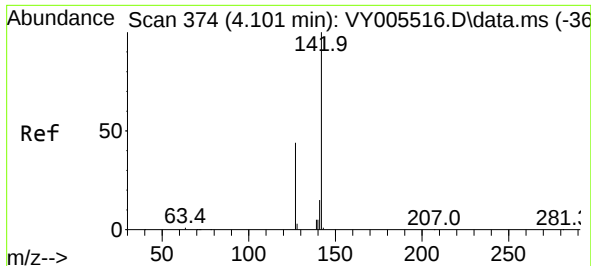
Tgt Ion:168 Resp: 874
Ion Ratio Lower Upper
168 100
99 29.4 38.9 58.3#



#4
Vinyl Chloride
Concen: 1.947 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY005742.D
Acq: 18 Aug 2021 16:08

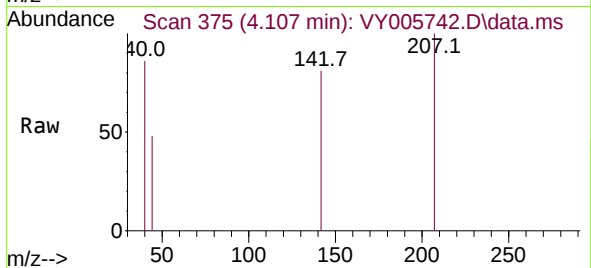
Tgt Ion: 62 Resp: 20
Ion Ratio Lower Upper
62 100
64 0.0 25.9 38.9#



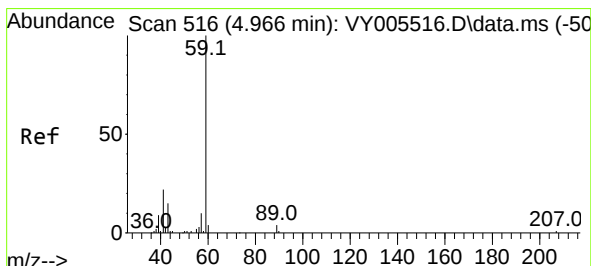
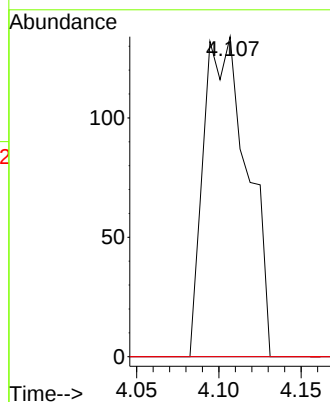
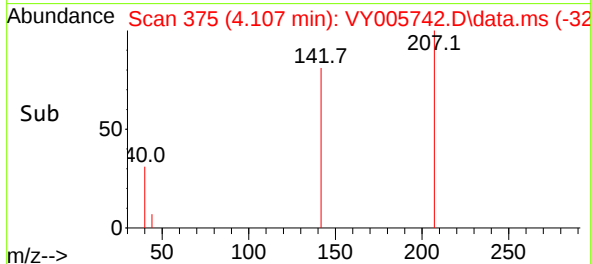


#10
Methyl Iodide
Concen: 26.687 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY005742.D
Acq: 18 Aug 2021 16:08

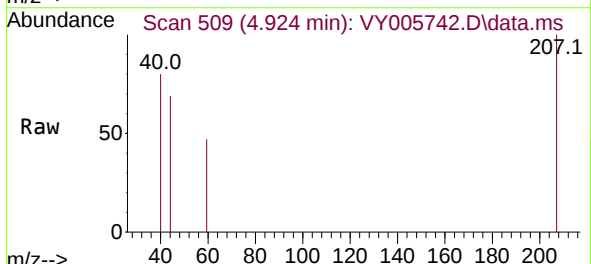
Instrument :
MSVOA_Y
ClientSampled :



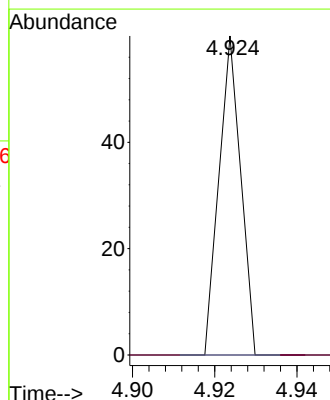
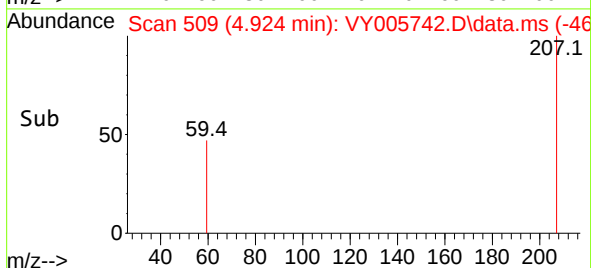
Tgt Ion:142 Resp: 248
Ion Ratio Lower Upper
142 100
127 0.0 36.6 54.8#
141 0.0 12.2 18.4#

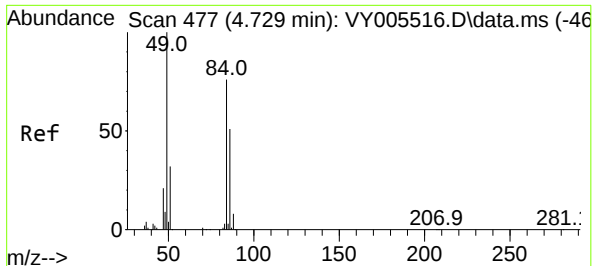


#11
Tert butyl alcohol
Concen: 25.155 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.043 min
Lab File: VY005742.D
Acq: 18 Aug 2021 16:08



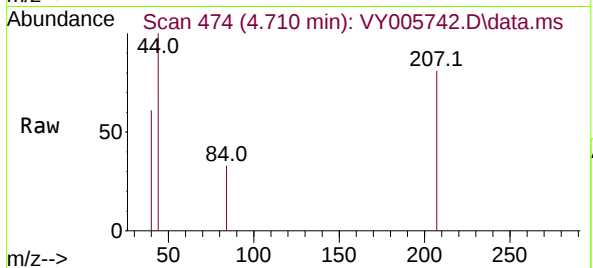
Tgt Ion: 59 Resp: 22
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#





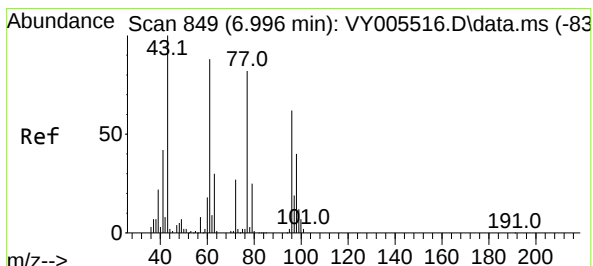
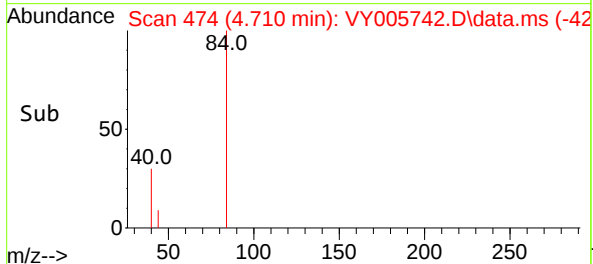
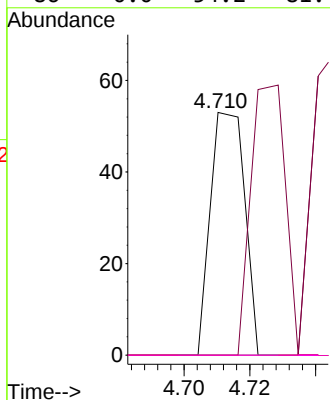
#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.019 min
Lab File: VY005742.D
Acq: 18 Aug 2021 16:08

Instrument :
MSVOA_Y
ClientSampled :

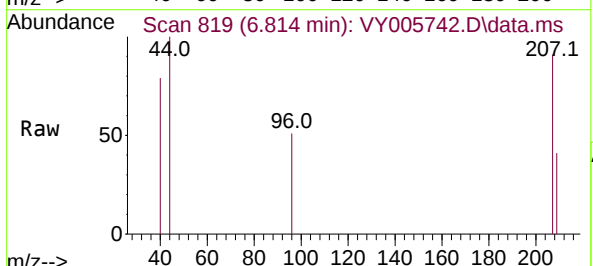


Tgt Ion: 84 Resp: 38

Ion	Ratio	Lower	Upper
84	100		
49	0.0	105.8	158.6#
51	0.0	33.4	50.2#
86	0.0	54.2	81.4#

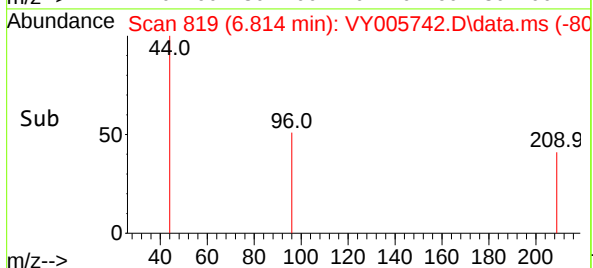
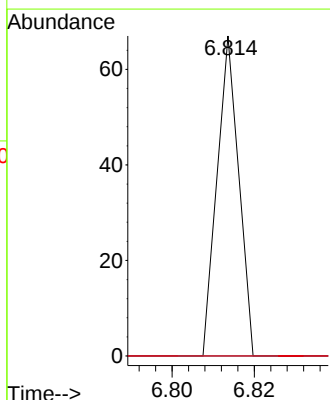


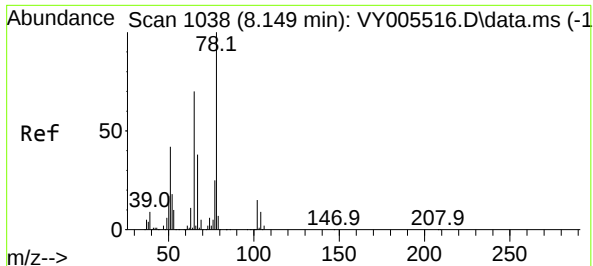
#27
cis-1,2-Dichloroethene
Concen: 2.610 ug/l
RT: 6.814 min Scan# 819
Delta R.T. -0.183 min
Lab File: VY005742.D
Acq: 18 Aug 2021 16:08



Tgt Ion: 96 Resp: 25

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	290.0
98	0.0	0.0	128.0

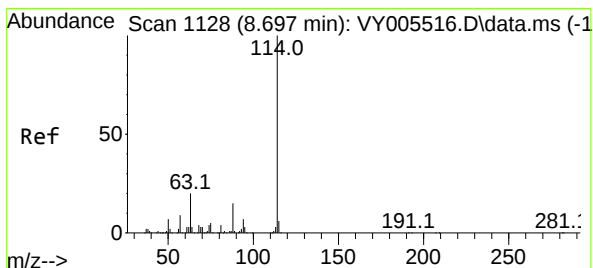
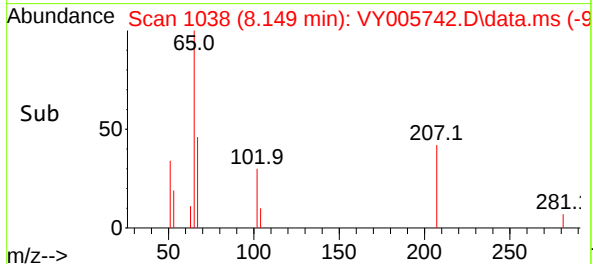
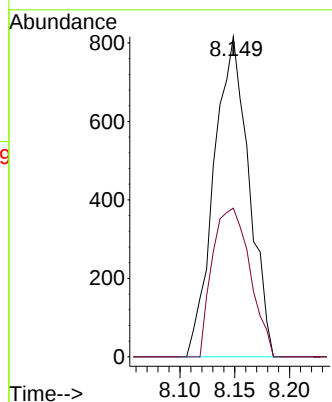
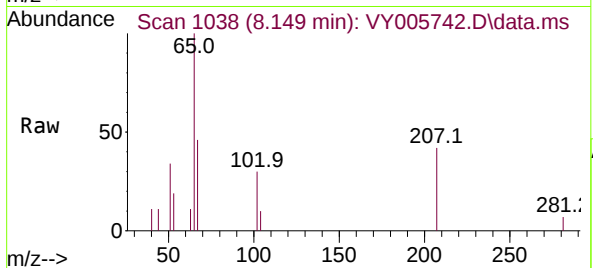




#33
1,2-Dichloroethane-d4
Concen: 204.475 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005742.D
Acq: 18 Aug 2021 16:08

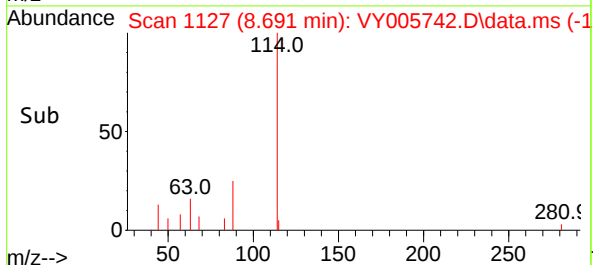
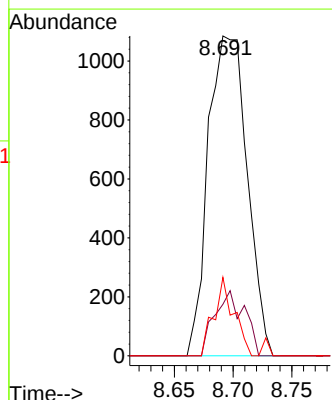
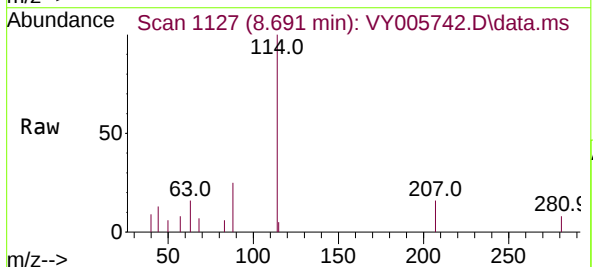
Instrument :
MSVOA_Y
ClientSampleId :

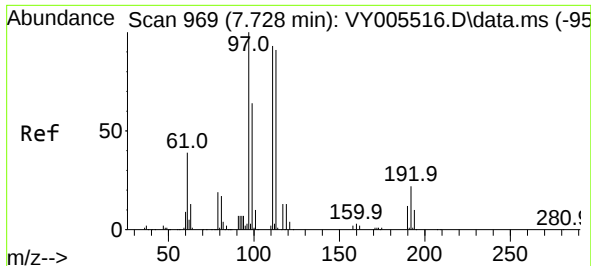
Tgt Ion: 65 Resp: 1809
Ion Ratio Lower Upper
65 100
67 49.9 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005742.D
Acq: 18 Aug 2021 16:08

Tgt Ion: 114 Resp: 2506
Ion Ratio Lower Upper
114 100
63 16.1 0.0 39.2
88 24.5 0.0 30.8

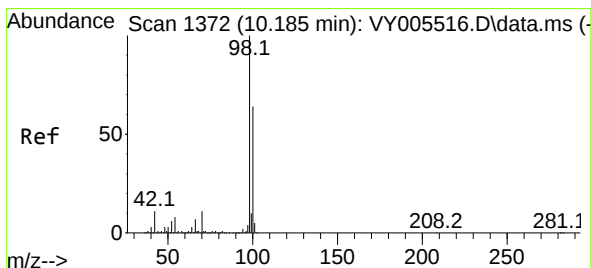
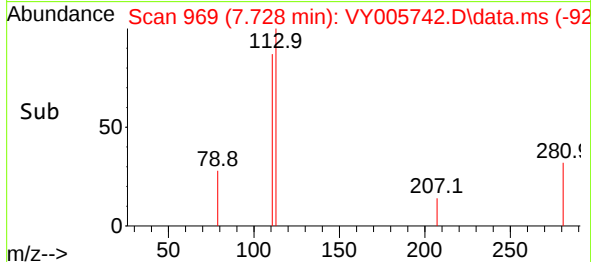
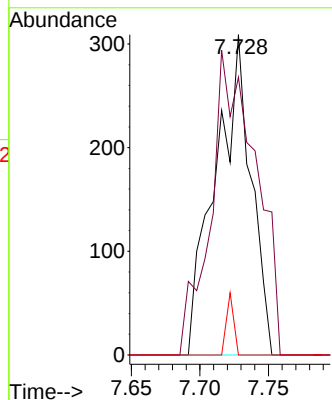
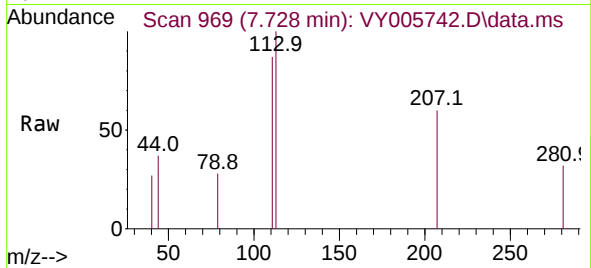




#35
Dibromofluoromethane
Concen: 39.771 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005742.D
Acq: 18 Aug 2021 16:08

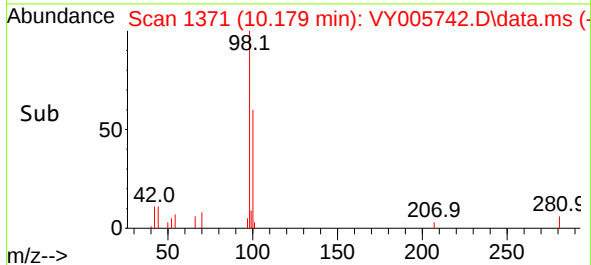
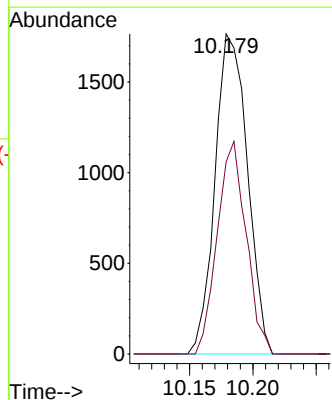
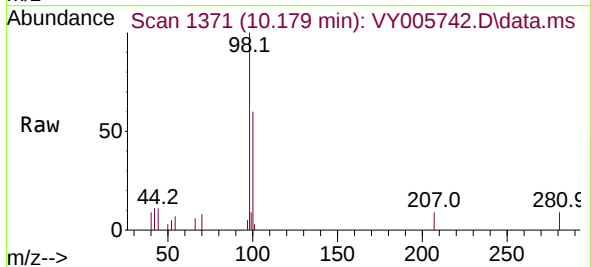
Instrument :
MSVOA_Y
ClientSampled :

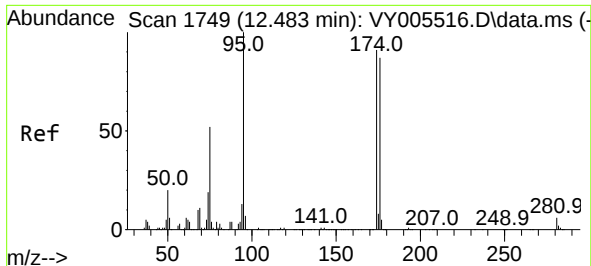
Tgt Ion:113 Resp: 558
Ion Ratio Lower Upper
113 100
111 120.3 81.9 122.9
192 3.9 19.2 28.8#



#50
Toluene-d8
Concen: 53.345 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY005742.D
Acq: 18 Aug 2021 16:08

Tgt Ion: 98 Resp: 3139
Ion Ratio Lower Upper
98 100
100 59.3 51.3 76.9

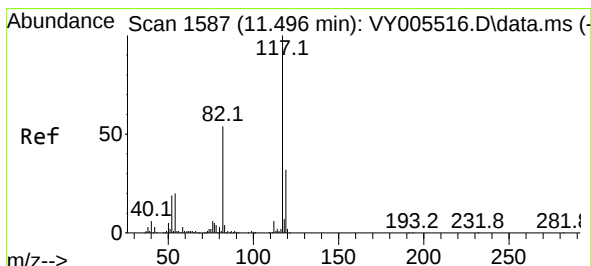
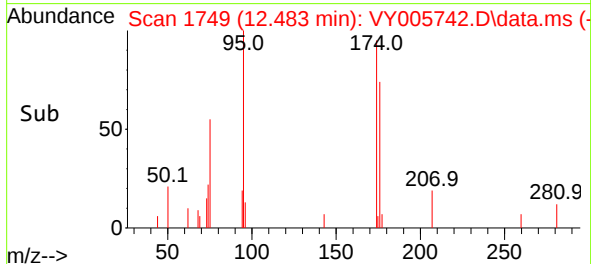
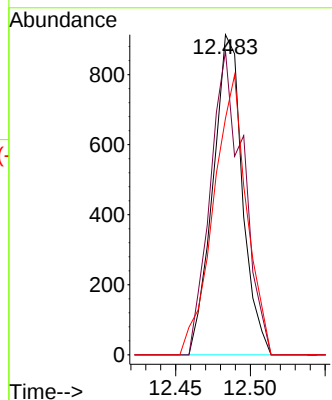
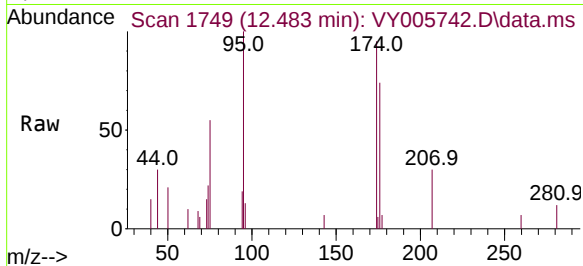




#62
4-Bromofluorobenzene
Concen: 64.303 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005742.D
Acq: 18 Aug 2021 16:08

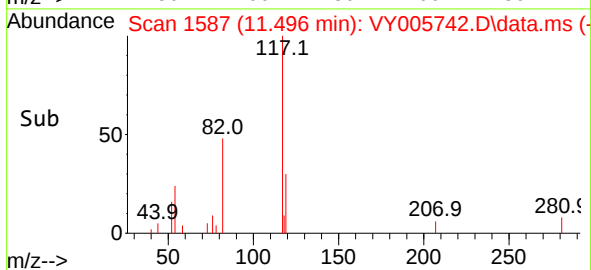
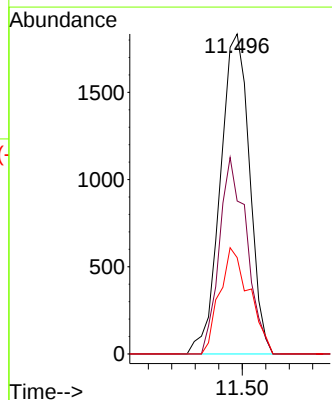
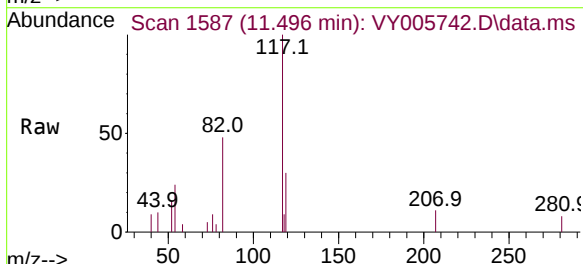
Instrument :
MSVOA_Y
ClientSampleId :

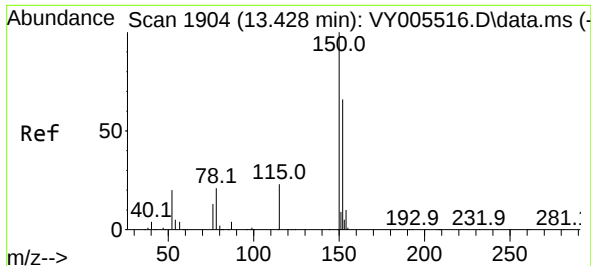
Tgt Ion:	95	Resp:	1253
Ion	Ratio	Lower	Upper
95	100		
174	106.5	0.0	191.4
176	98.3	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005742.D
Acq: 18 Aug 2021 16:08

Tgt Ion:	117	Resp:	3170
Ion	Ratio	Lower	Upper
117	100		
82	47.8	43.5	65.3
119	30.1	25.5	38.3

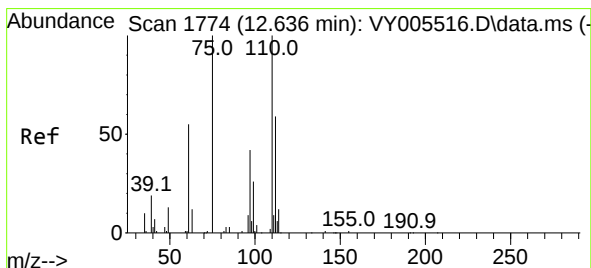
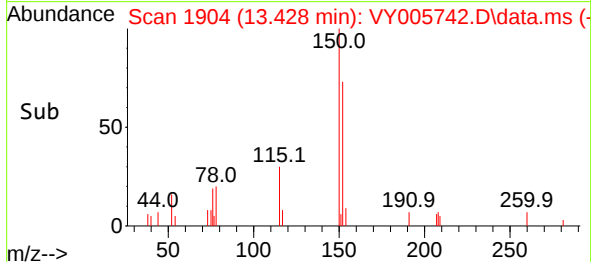
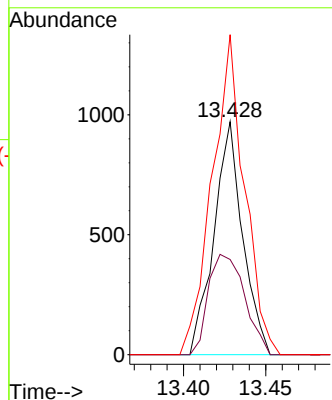
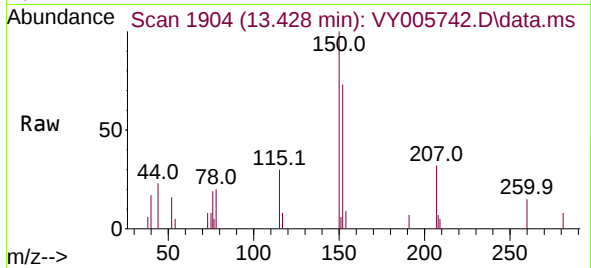




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005742.D
Acq: 18 Aug 2021 16:08

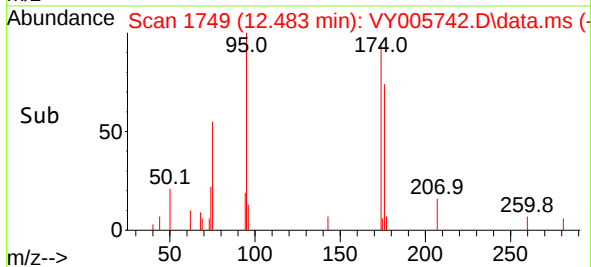
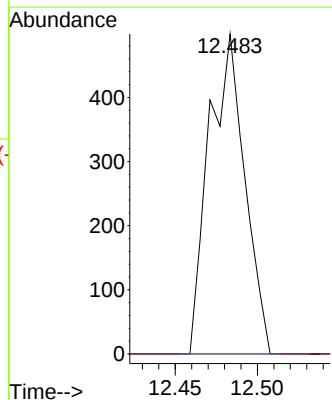
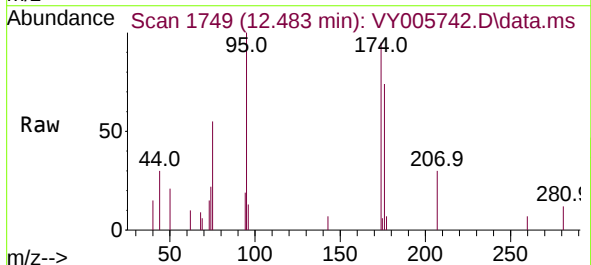
Instrument :
MSVOA_Y
ClientSampled :

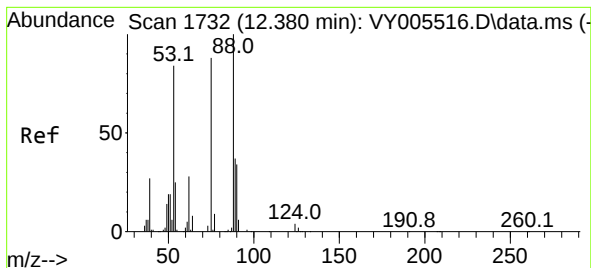
Tgt Ion:152 Resp: 1180
Ion Ratio Lower Upper
152 100
115 54.4 27.3 81.9
150 154.7 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 61.824 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005742.D
Acq: 18 Aug 2021 16:08

Tgt Ion: 75 Resp: 756
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81

trans-1,4-Dichloro-2-butene

Concen: 124.630 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY005742.D

Acq: 18 Aug 2021 16:08

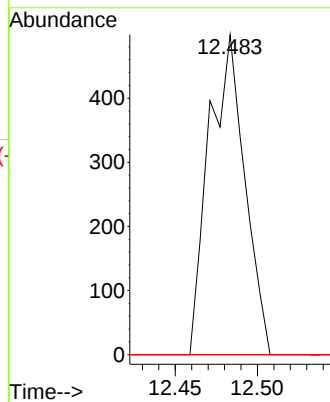
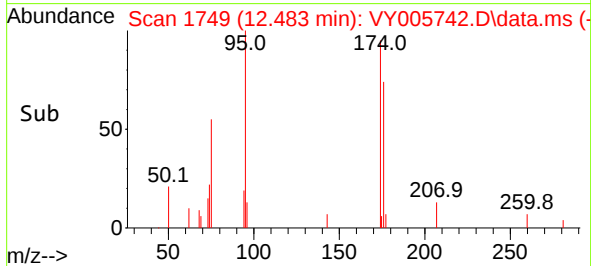
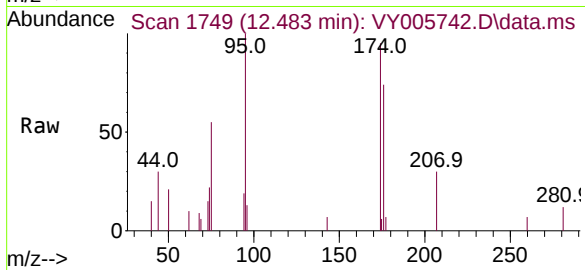
Tgt Ion: 75 Resp: 756

Ion Ratio Lower Upper

75 100

53 0.0 76.7 115.1#

89 0.0 38.4 57.6#



Instrument :
MSVOA_Y
ClientSampleId :