

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
 Data File : VY005253.D
 Acq On : 28 Jun 2021 16:46
 Operator : SY/MD
 Sample : M2857-13RE
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-17-9.5-10.0RE

Quant Time: Jun 29 01:18:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

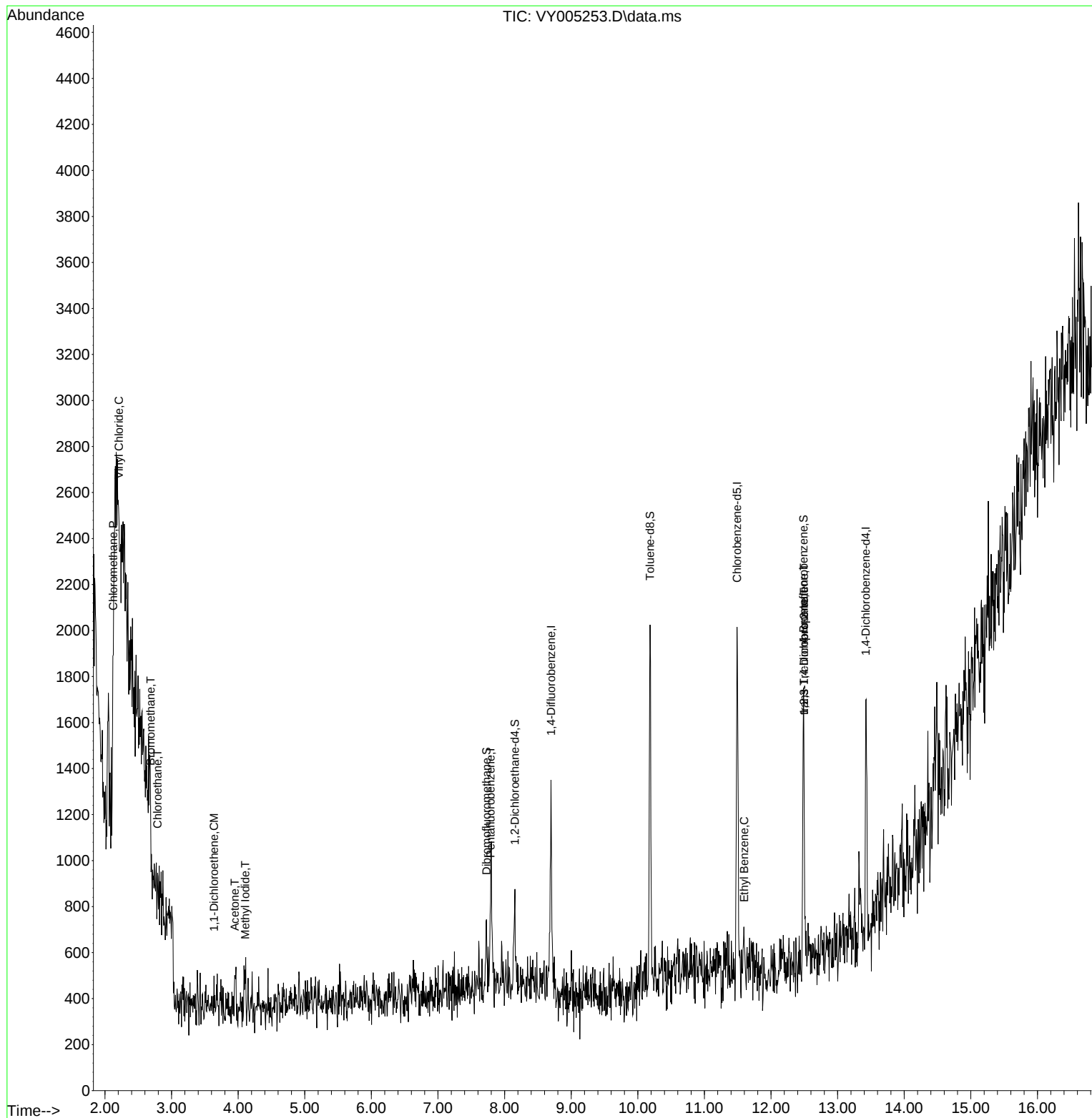
Internal Standards						
1) Pentafluorobenzene	7.789	168	572	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.697	114	1079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	1025	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	381	80.265	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 160.540%	
35) Dibromofluoromethane	7.728	113	193	30.329	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 60.660%	
50) Toluene-d8	10.185	98	1293	50.809	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.620%	
62) 4-Bromofluorobenzene	12.489	95	386	45.519	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.040%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	68	13.575	ug/l #	40
4) Vinyl Chloride	2.211	62	85	14.841	ug/l	91
5) Bromomethane	2.686	94	141	38.814	ug/l	100
6) Chloroethane	2.790	64	177	47.260	ug/l #	42
10) Methyl Iodide	4.107	142	177	26.544	ug/l #	58
12) 1,1-Dichloroethene	3.637	96	20	4.223	ug/l #	1
16) Acetone	3.948	43	219	199.714	ug/l #	40
67) Ethyl Benzene	11.599	91	40	1.142	ug/l #	42
76) 1,2,3-Trichloropropane	12.495	75	215	63.795	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	215	119.027	ug/l #	17

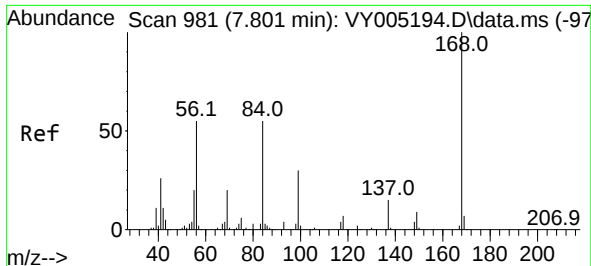
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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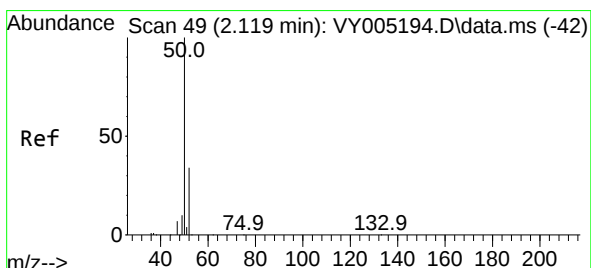
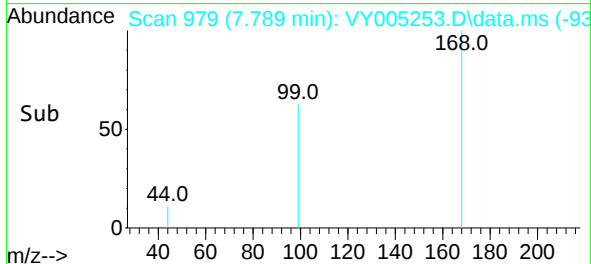
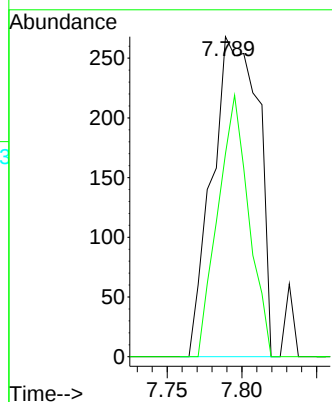
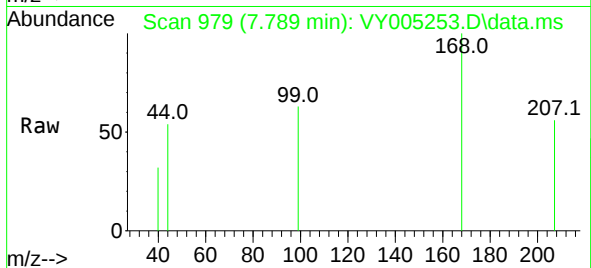




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.012 min
Lab File: VY005253.D
Acq: 28 Jun 2021 16:46

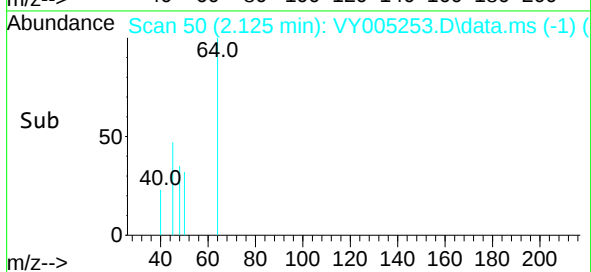
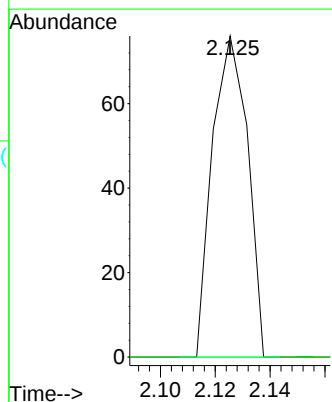
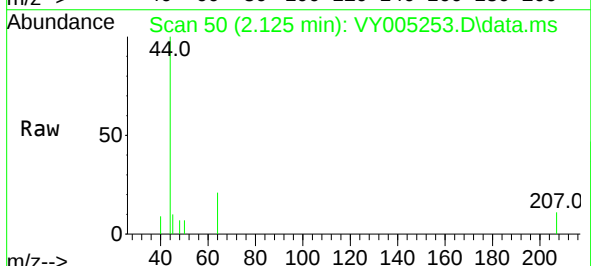
Instrument :
MSVOA_Y
ClientSampleId :
SB-17-9.5-10.0RE

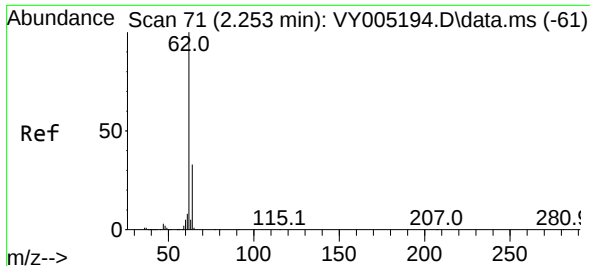
Tgt Ion:168 Resp: 572
Ion Ratio Lower Upper
168 100
99 63.4 36.2 54.4#



#3
Chloromethane
Concen: 13.575 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY005253.D
Acq: 28 Jun 2021 16:46

Tgt Ion: 50 Resp: 68
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.2#

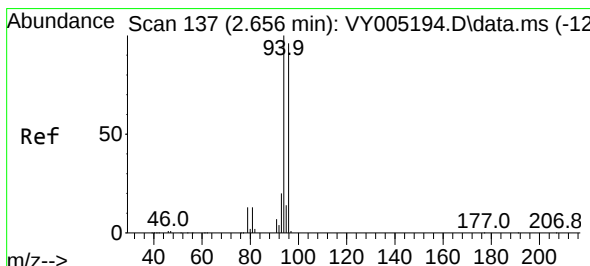
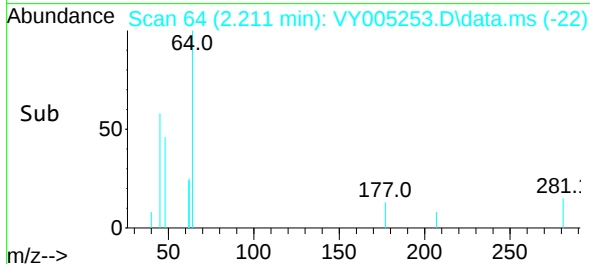
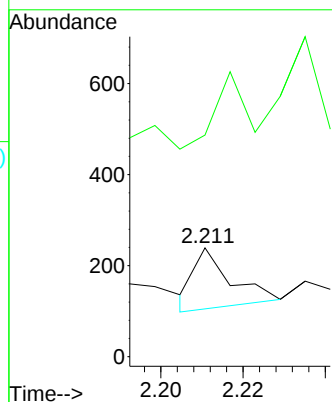
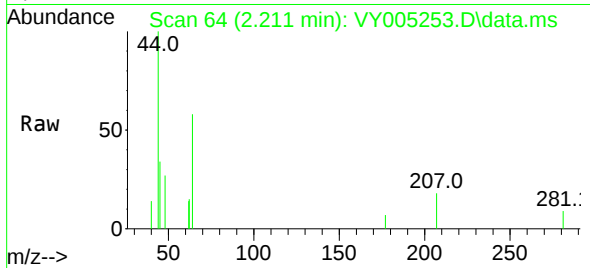




#4
 Vinyl Chloride
 Concen: 14.841 ug/l
 RT: 2.211 min Scan# 64
 Delta R.T. -0.043 min
 Lab File: VY005253.D
 Acq: 28 Jun 2021 16:46

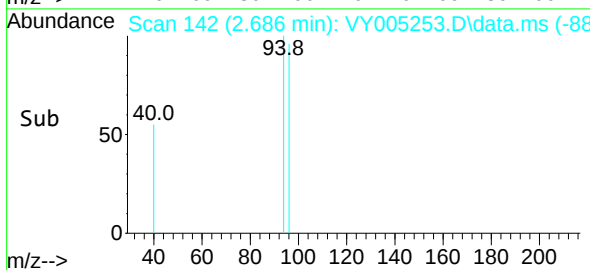
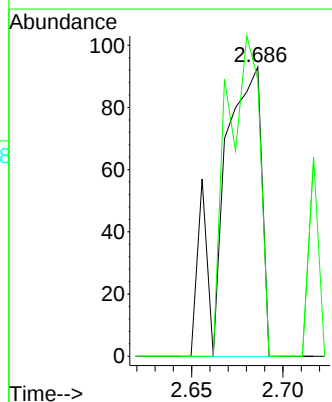
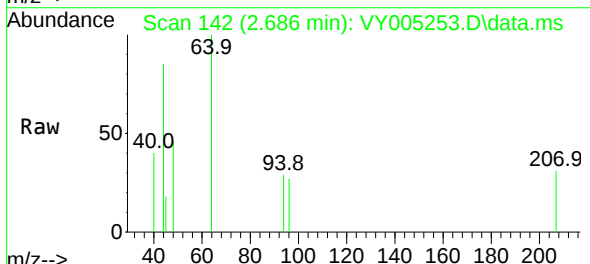
Instrument :
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 ClientSampleId :
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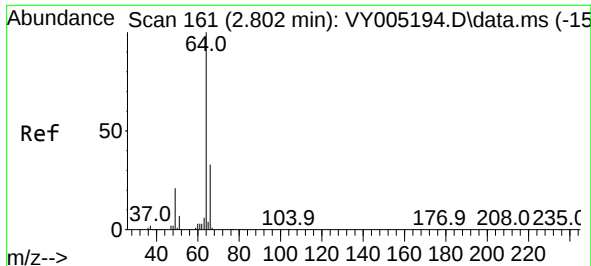
Tgt Ion: 62 Resp: 85
 Ion Ratio Lower Upper
 62 100
 64 27.4 26.1 39.1



#5
 Bromomethane
 Concen: 38.814 ug/l
 RT: 2.686 min Scan# 142
 Delta R.T. 0.031 min
 Lab File: VY005253.D
 Acq: 28 Jun 2021 16:46

Tgt Ion: 94 Resp: 141
 Ion Ratio Lower Upper
 94 100
 96 95.7 76.9 115.3

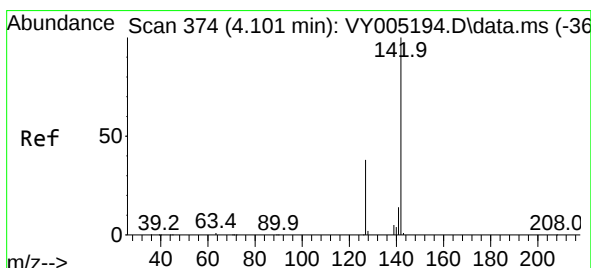
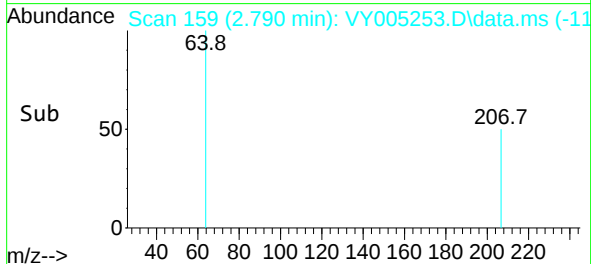
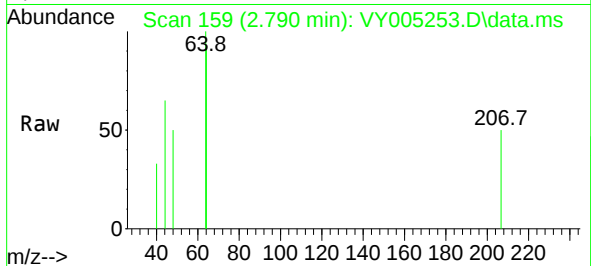




#6
Chloroethane
Concen: 47.260 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.012 min
Lab File: VY005253.D
Acq: 28 Jun 2021 16:46

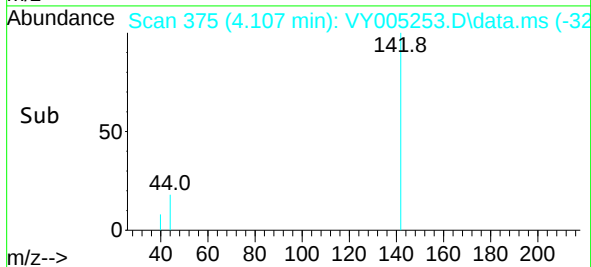
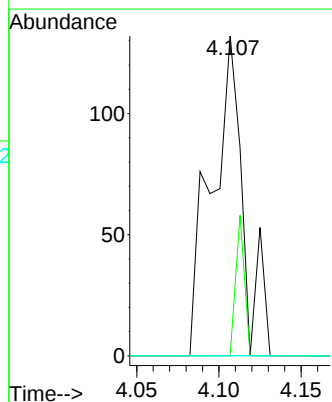
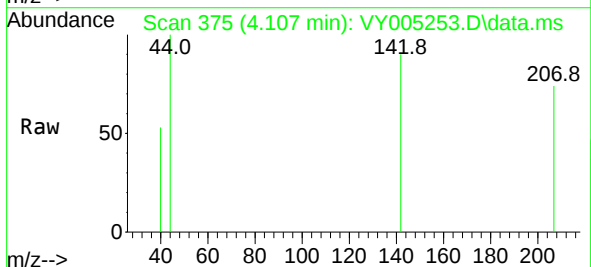
Instrument :
MSVOA_Y
ClientSampleId :
SB-17-9.5-10.0RE

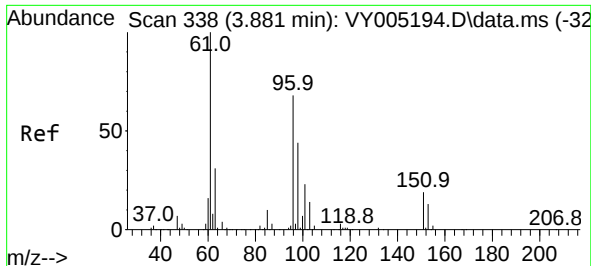
Tgt Ion: 64 Resp: 177
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#10
Methyl Iodide
Concen: 26.544 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY005253.D
Acq: 28 Jun 2021 16:46

Tgt Ion:142 Resp: 177
Ion Ratio Lower Upper
142 100
127 11.9 31.3 46.9#
141 0.0 11.3 16.9#

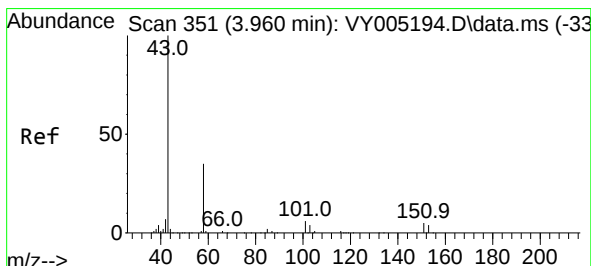
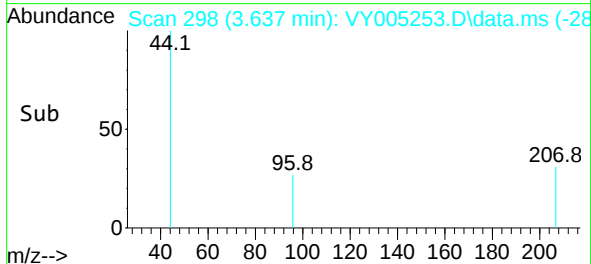
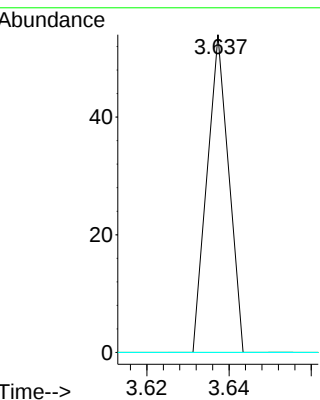
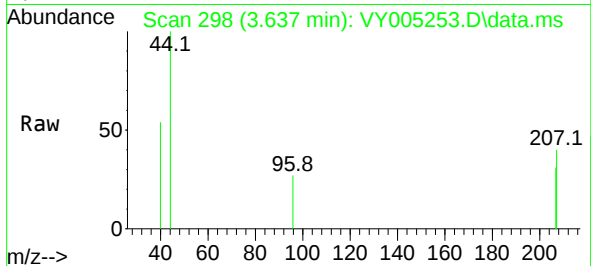




#12
1,1-Dichloroethene
Concen: 4.223 ug/l
RT: 3.637 min Scan# 298
Delta R.T. -0.244 min
Lab File: VY005253.D
Acq: 28 Jun 2021 16:46

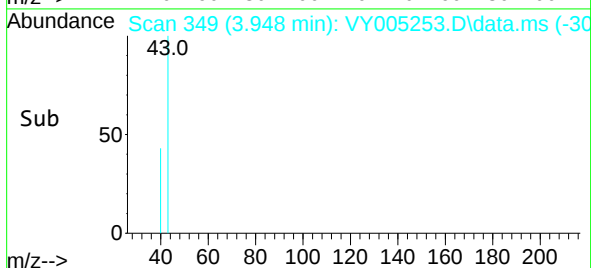
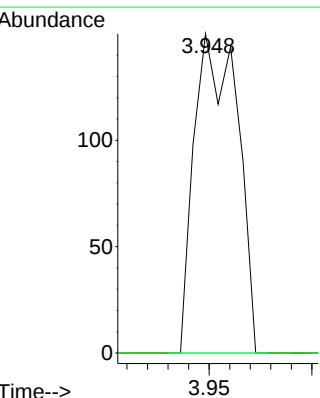
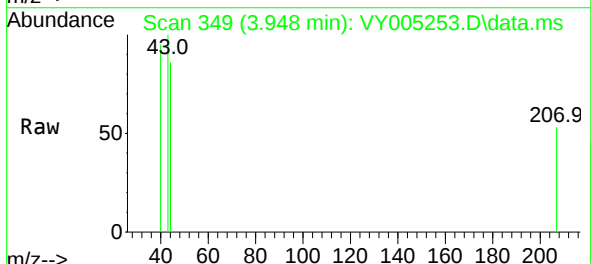
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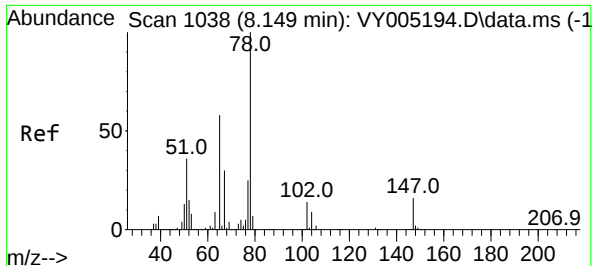
Tgt Ion: 96 Resp: 20
Ion Ratio Lower Upper
96 100
61 0.0 118.0 177.0#
98 0.0 51.7 77.5#



#16
Acetone
Concen: 199.714 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY005253.D
Acq: 28 Jun 2021 16:46

Tgt Ion: 43 Resp: 219
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#

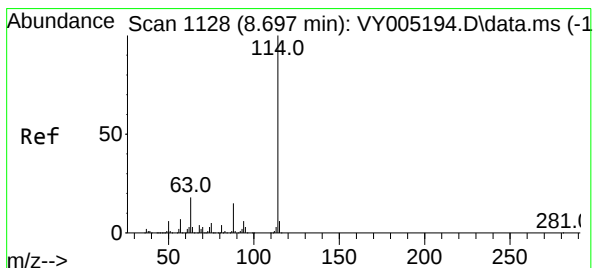
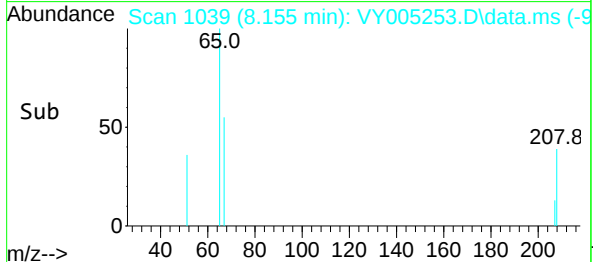
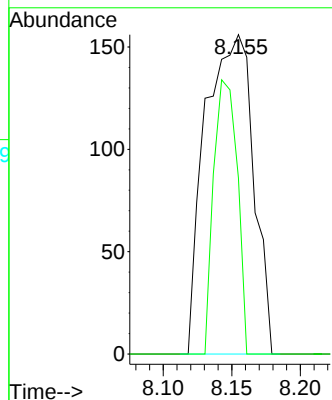
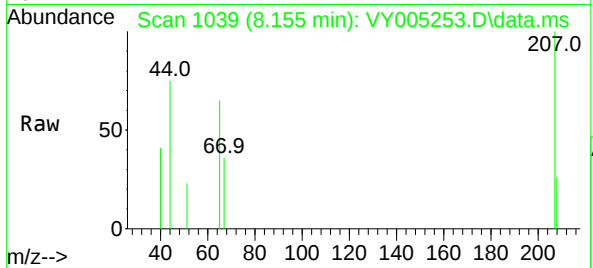




#33
 1,2-Dichloroethane-d4
 Concen: 80.265 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.006 min
 Lab File: VY005253.D
 Acq: 28 Jun 2021 16:46

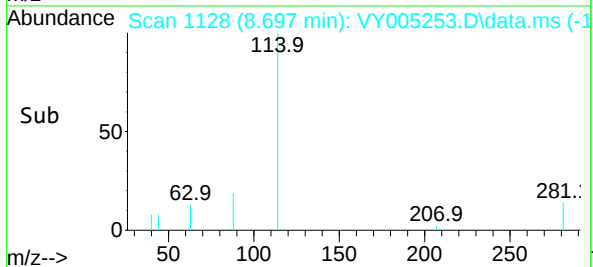
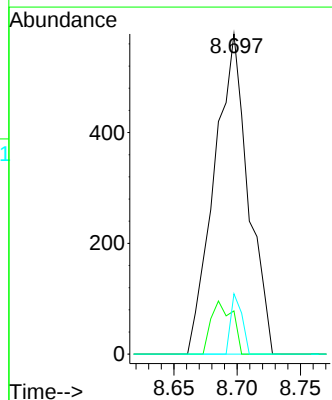
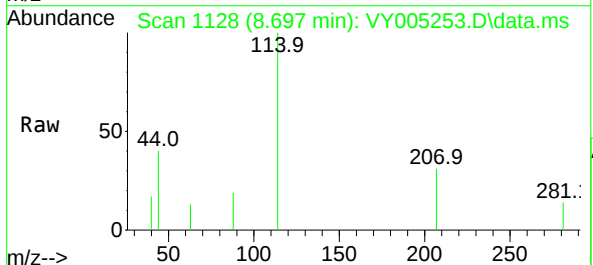
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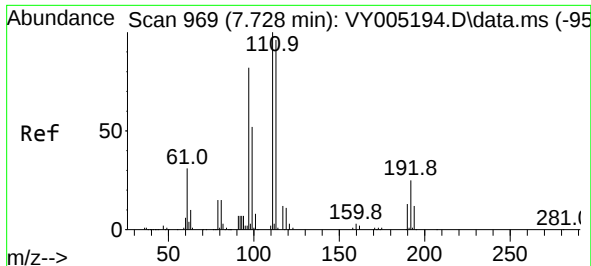
Tgt Ion: 65 Resp: 381
 Ion Ratio Lower Upper
 65 100
 67 42.0 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY005253.D
 Acq: 28 Jun 2021 16:46

Tgt Ion: 114 Resp: 1079
 Ion Ratio Lower Upper
 114 100
 63 13.5 0.0 35.2
 88 18.9 0.0 29.4

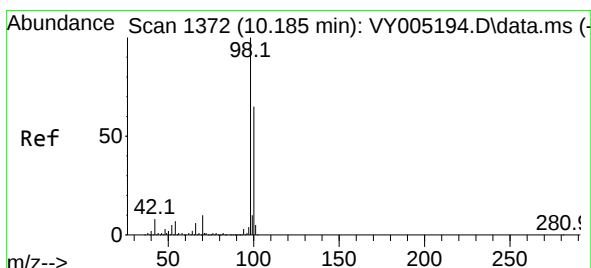
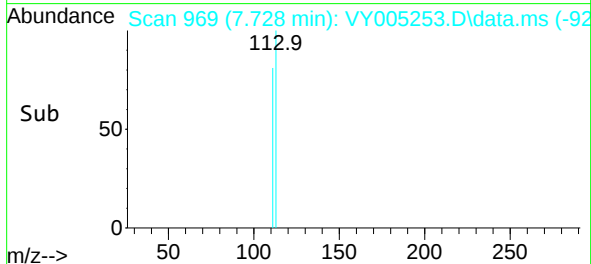
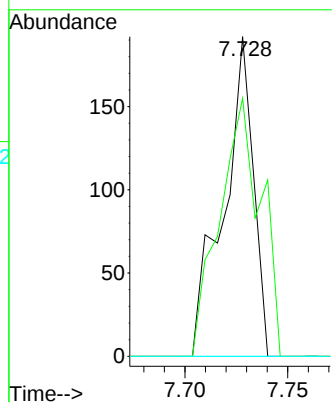
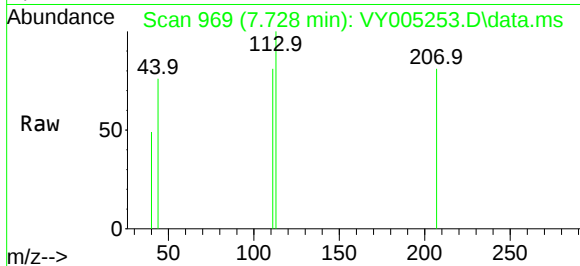




#35
Dibromofluoromethane
Concen: 30.329 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005253.D
Acq: 28 Jun 2021 16:46

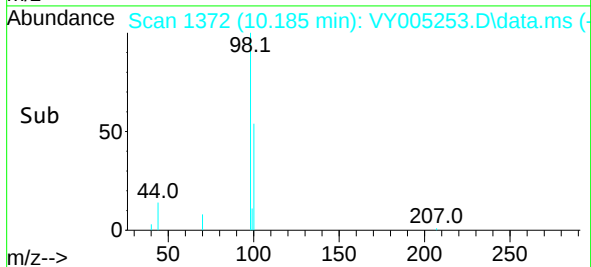
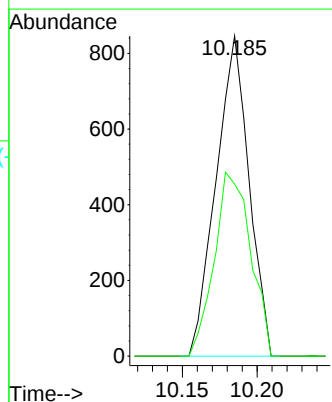
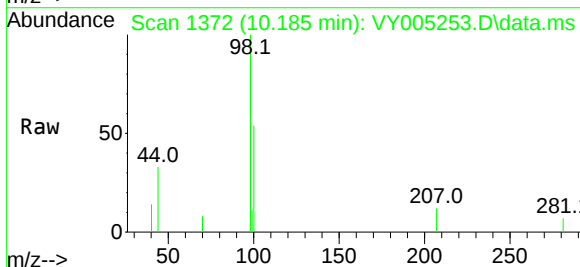
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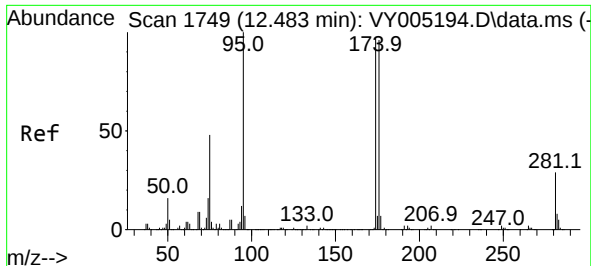
Tgt Ion:	113	Resp:	193
Ion	Ratio	Lower	Upper
113	100		
111	112.4	82.6	124.0
192	0.0	20.2	30.2#



#50
Toluene-d8
Concen: 50.809 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005253.D
Acq: 28 Jun 2021 16:46

Tgt Ion:	98	Resp:	1293
Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.9	77.9

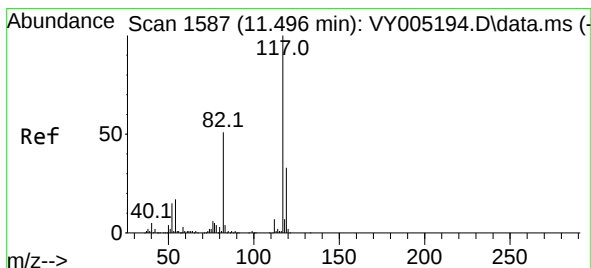
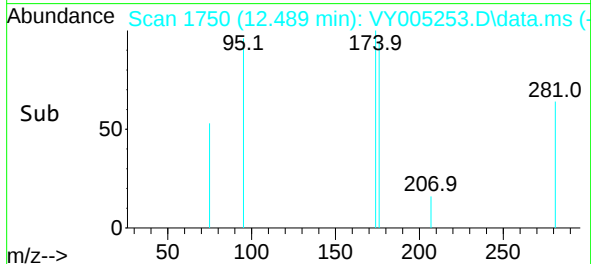
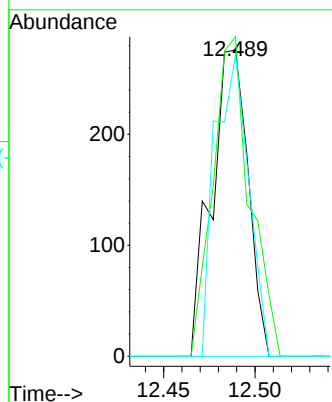
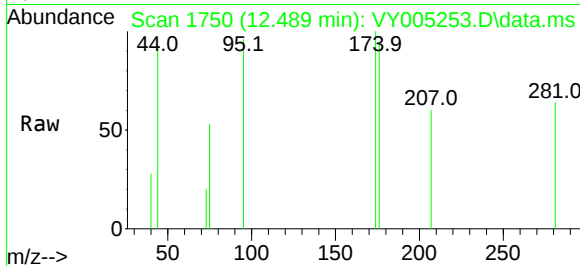




#62
4-Bromofluorobenzene
Concen: 45.519 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY005253.D
Acq: 28 Jun 2021 16:46

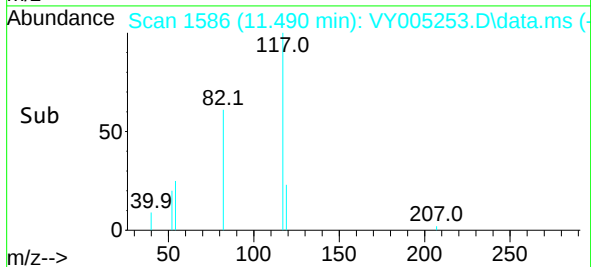
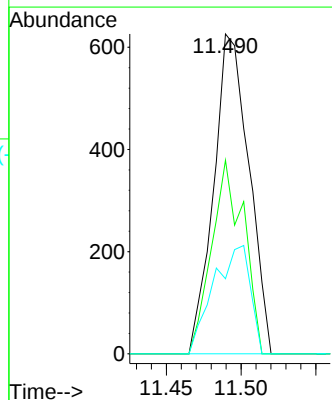
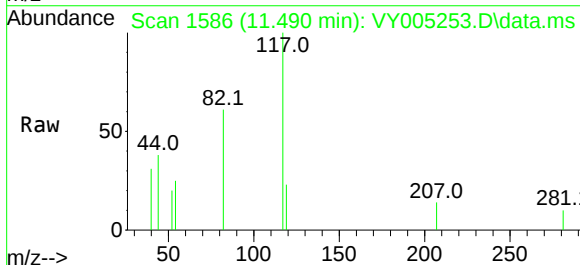
Instrument :
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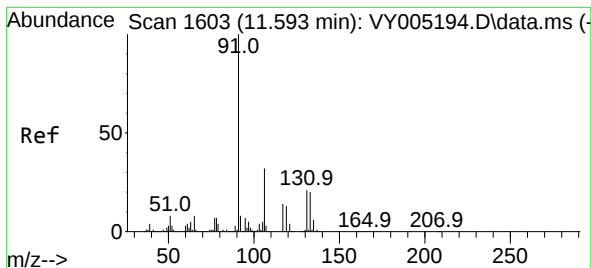
Tgt Ion: 95 Resp: 386
Ion Ratio Lower Upper
95 100
174 105.4 0.0 201.6
176 90.2 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005253.D
Acq: 28 Jun 2021 16:46

Tgt Ion: 117 Resp: 1025
Ion Ratio Lower Upper
117 100
82 60.5 40.6 60.8
119 23.5 26.1 39.1#

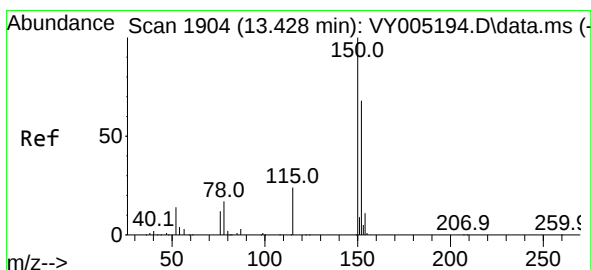
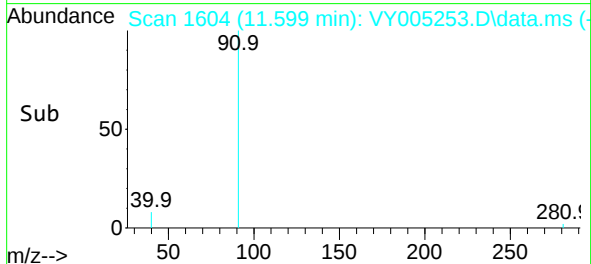
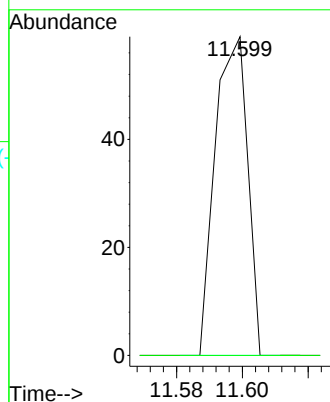
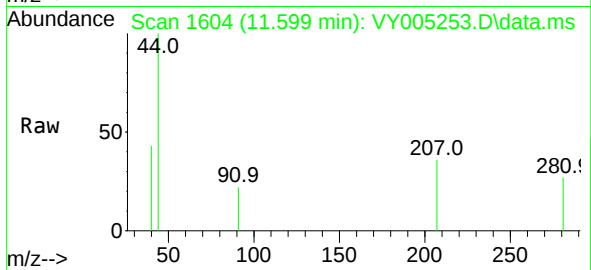




#67
Ethyl Benzene
Concen: 1.142 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY005253.D
Acq: 28 Jun 2021 16:46

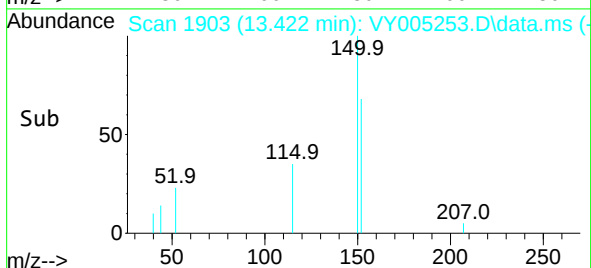
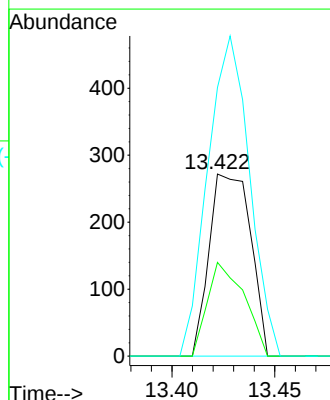
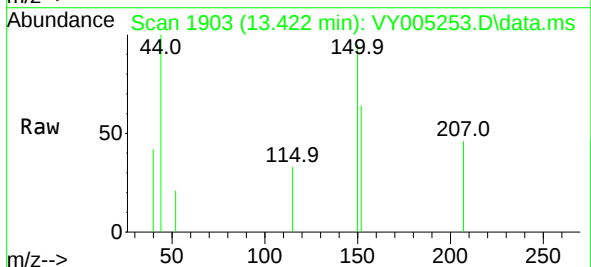
Instrument :
MSVOA_Y
ClientSampleId :
SB-17-9.5-10.0RE

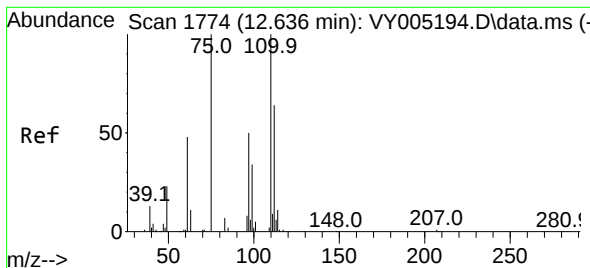
Tgt Ion: 91 Resp: 40
Ion Ratio Lower Upper
91 100
106 0.0 25.8 38.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY005253.D
Acq: 28 Jun 2021 16:46

Tgt Ion:152 Resp: 380
Ion Ratio Lower Upper
152 100
115 45.8 26.3 78.8
150 177.6 0.0 344.2

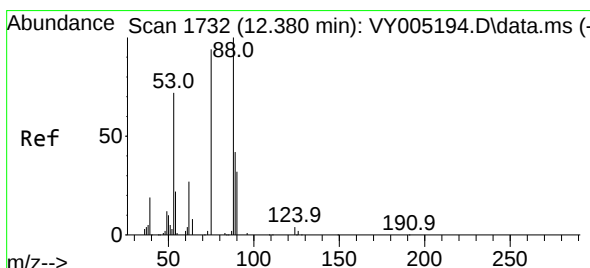
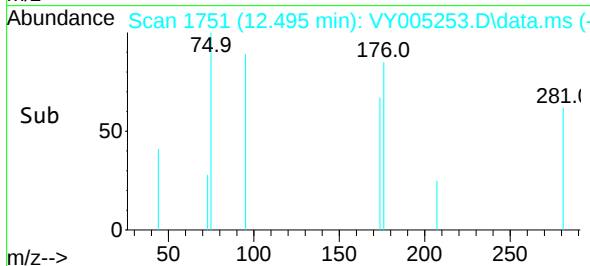
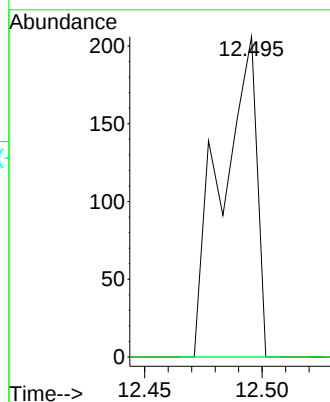
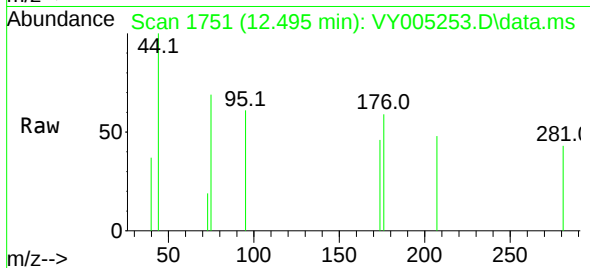




#76
1,2,3-Trichloropropane
Concen: 63.795 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.140 min
Lab File: VY005253.D
Acq: 28 Jun 2021 16:46

Instrument :
MSVOA_Y
ClientSampleId :
SB-17-9.5-10.0RE

Tgt Ion: 75 Resp: 215
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 119.027 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.116 min
Lab File: VY005253.D
Acq: 28 Jun 2021 16:46

Tgt Ion: 75 Resp: 215
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 38.0 57.0#

