

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
 Data File : VY004321.D
 Acq On : 07 Apr 2021 17:37
 Operator : SY/MD
 Sample : M1961-03
 Misc : 6.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 08 01:02:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

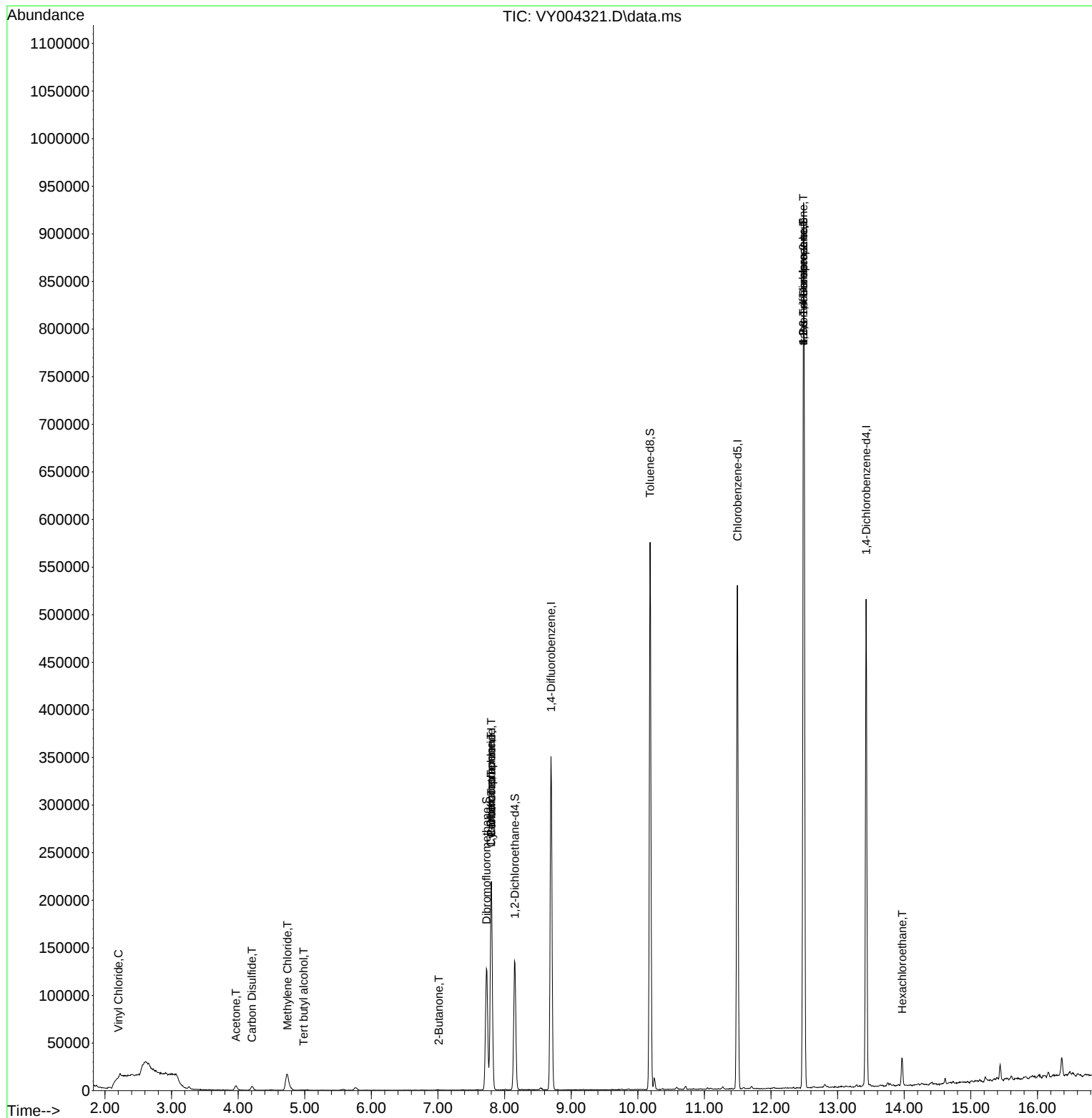
Internal Standards						
1) Pentafluorobenzene	7.801	168	165857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	290357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	269775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123111	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	105589	66.22	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.44%
35) Dibromofluoromethane	7.728	113	89487	55.31	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.62%
50) Toluene-d8	10.185	98	355423	58.41	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.82%
62) 4-Bromofluorobenzene	12.483	95	124557	59.73	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.46%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.204	62	7517	3.48	ug/l #	42
11) Tert butyl alcohol	4.984	59	180	1.39	ug/l #	71
16) Acetone	3.966	43	8170	24.60	ug/l	94
17) Carbon Disulfide	4.204	76	7770	1.97	ug/l	99
20) Methylene Chloride	4.741	84	12736	5.59	ug/l	99
25) 2-Butanone	7.015	43	771	1.39	ug/l #	86
31) Cyclohexane	7.795	56	3840	1.36	ug/l #	18
36) 1,1-Dichloropropene	7.795	75	13363	5.04	ug/l #	49
38) Carbon Tetrachloride	7.801	117	16482	7.15	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	72359	64.73	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	72359	119.29	ug/l #	11
90) Hexachloroethane	13.971	117	22	7.31	ug/l #	12

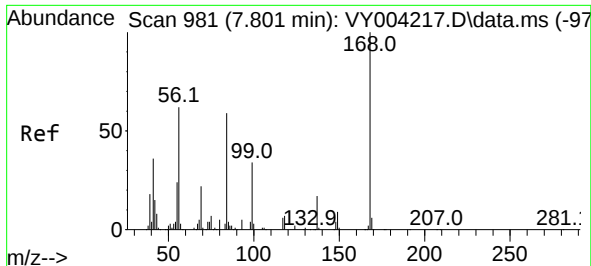
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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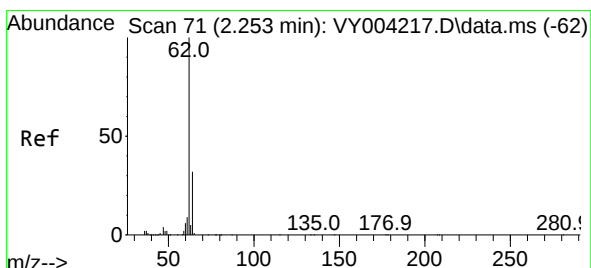
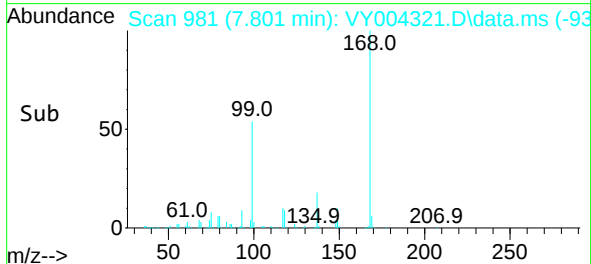
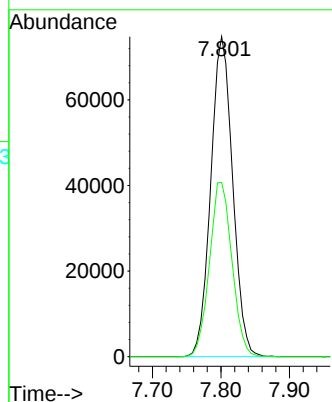
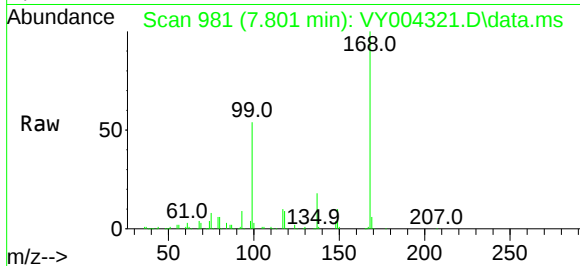




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004321.D
Acq: 07 Apr 2021 17:37

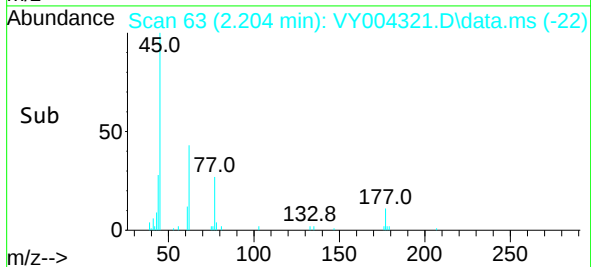
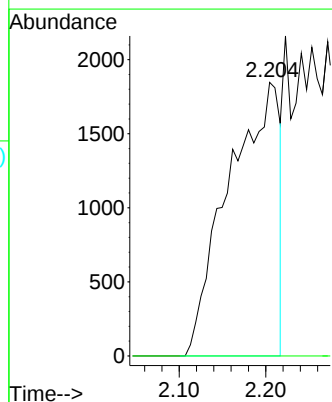
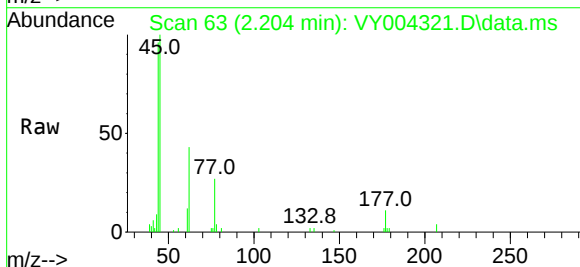
Instrument :
MSVOA_Y
ClientSampleId :

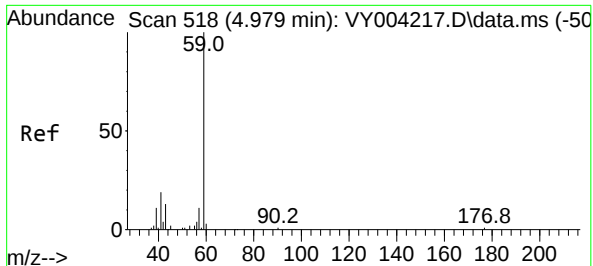
Tgt Ion:168 Resp: 165857
Ion Ratio Lower Upper
168 100
99 54.5 42.6 64.0



#4
Vinyl Chloride
Concen: 3.48 ug/l
RT: 2.204 min Scan# 63
Delta R.T. -0.049 min
Lab File: VY004321.D
Acq: 07 Apr 2021 17:37

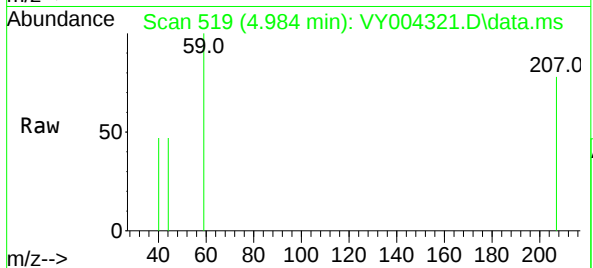
Tgt Ion: 62 Resp: 7517
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



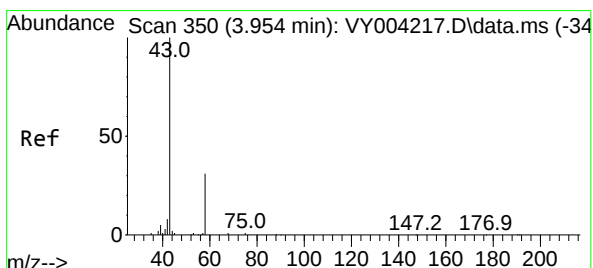
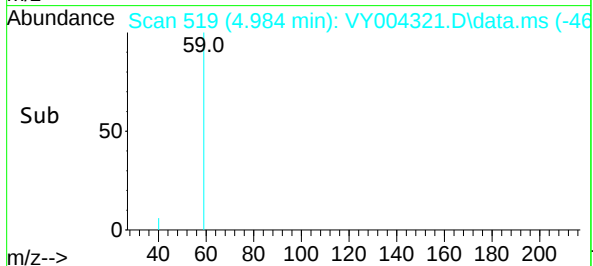
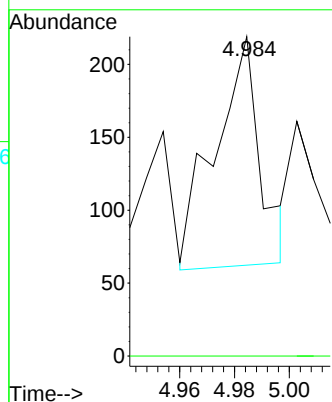


#11
Tert butyl alcohol
Concen: 1.39 ug/l
RT: 4.984 min Scan# 519
Delta R.T. 0.006 min
Lab File: VY004321.D
Acq: 07 Apr 2021 17:37

Instrument :
MSVOA_Y
ClientSampled :

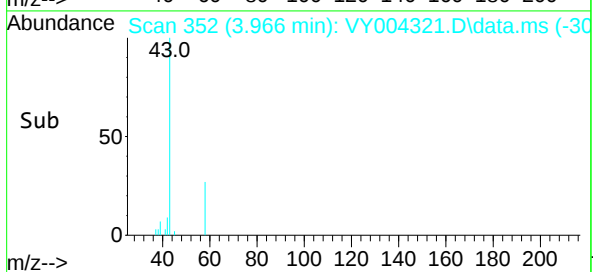
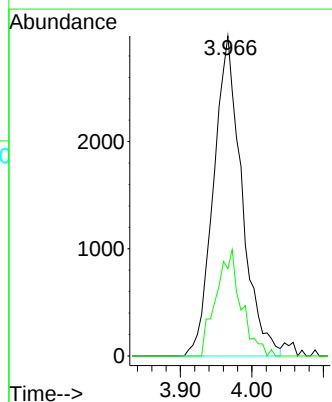
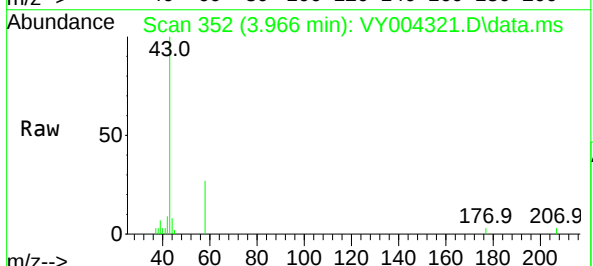


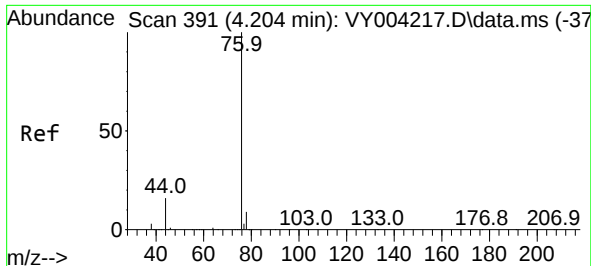
Tgt Ion: 59 Resp: 180
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#16
Acetone
Concen: 24.60 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004321.D
Acq: 07 Apr 2021 17:37

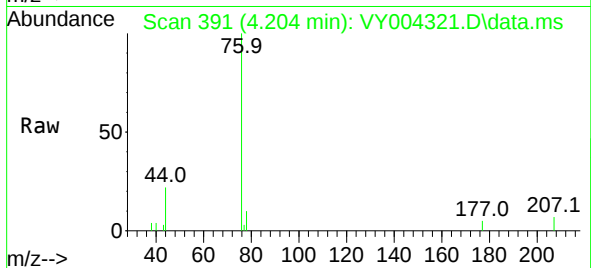
Tgt Ion: 43 Resp: 8170
Ion Ratio Lower Upper
43 100
58 27.3 24.5 36.7



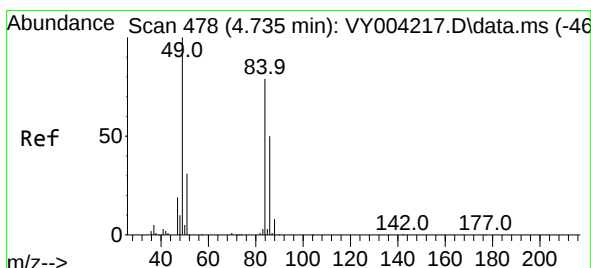
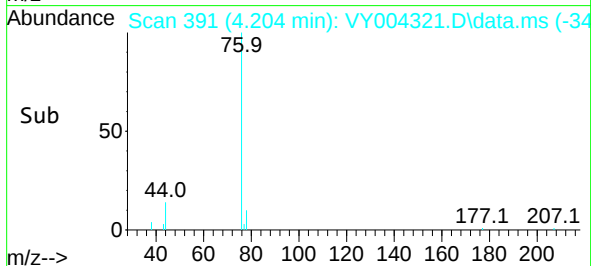
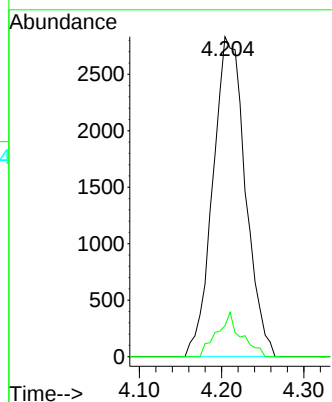


#17
Carbon Disulfide
Concen: 1.97 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004321.D
Acq: 07 Apr 2021 17:37

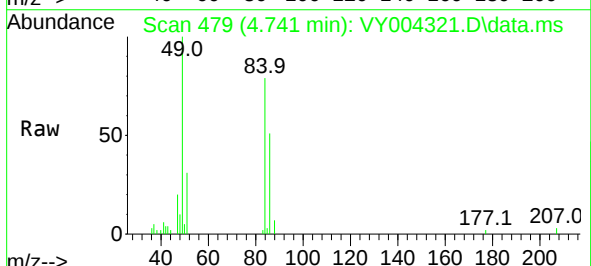
Instrument :
MSVOA_Y
ClientSampled :



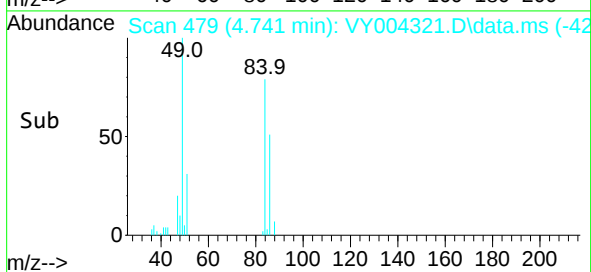
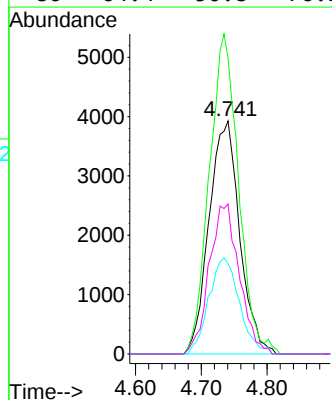
Tgt Ion: 76 Resp: 7770
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2

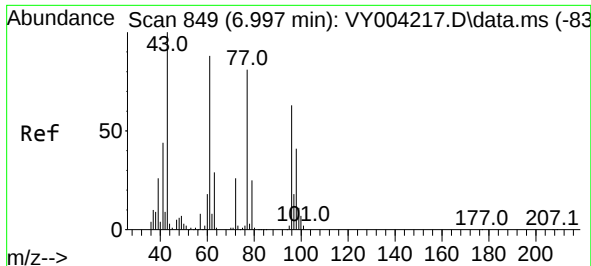


#20
Methylene Chloride
Concen: 5.59 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004321.D
Acq: 07 Apr 2021 17:37



Tgt Ion: 84 Resp: 12736
Ion Ratio Lower Upper
84 100
49 127.0 101.5 152.3
51 38.8 31.5 47.3
86 64.4 50.8 76.2





#25

2-Butanone

Concen: 1.39 ug/l

RT: 7.015 min Scan# 852

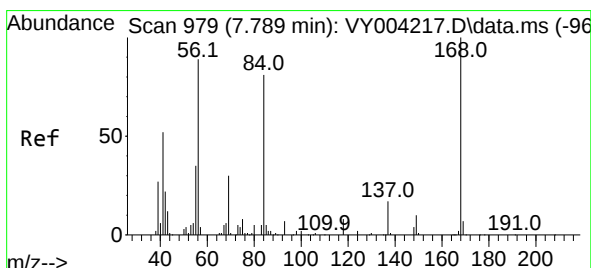
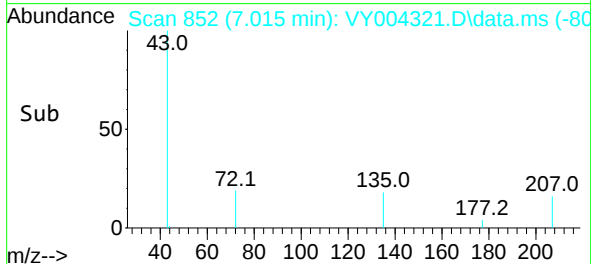
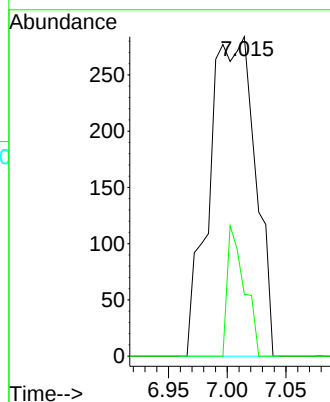
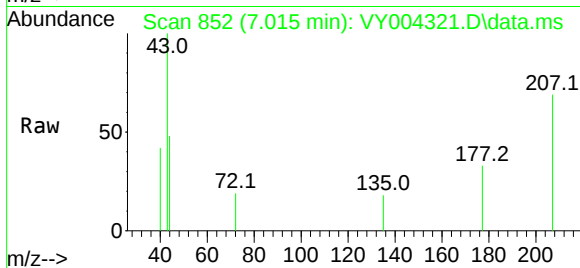
Delta R.T. 0.018 min

Lab File: VY004321.D

Acq: 07 Apr 2021 17:37

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 43 Resp: 771
Ion Ratio Lower Upper
43 100
72 19.4 21.0 31.6#



#31

Cyclohexane

Concen: 1.36 ug/l

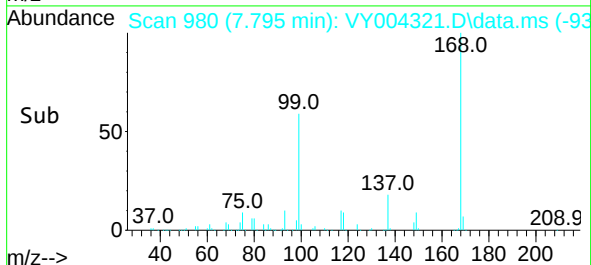
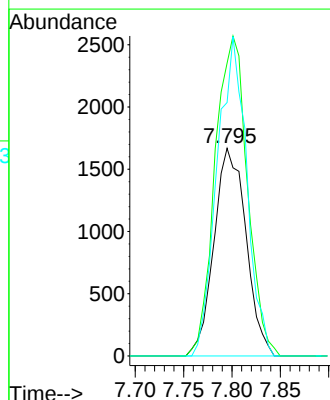
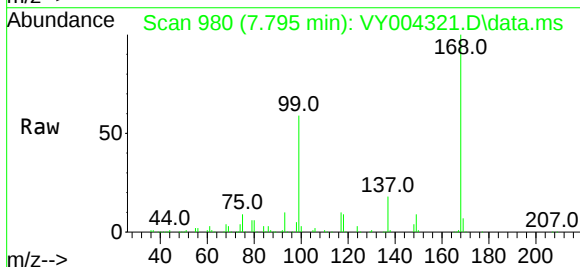
RT: 7.795 min Scan# 980

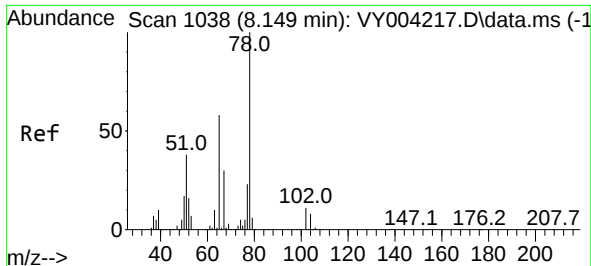
Delta R.T. 0.006 min

Lab File: VY004321.D

Acq: 07 Apr 2021 17:37

Tgt Ion: 56 Resp: 3840
Ion Ratio Lower Upper
56 100
69 140.9 26.6 40.0#
84 131.0 72.3 108.5#

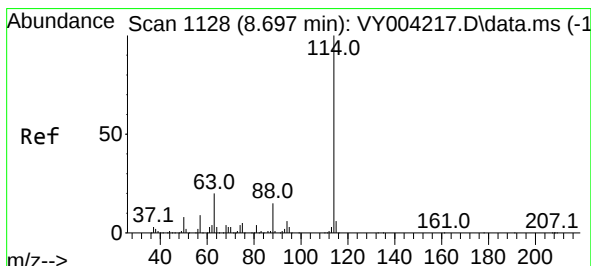
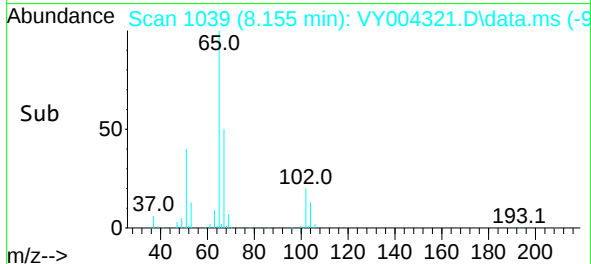
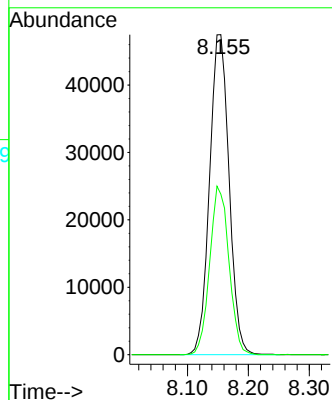
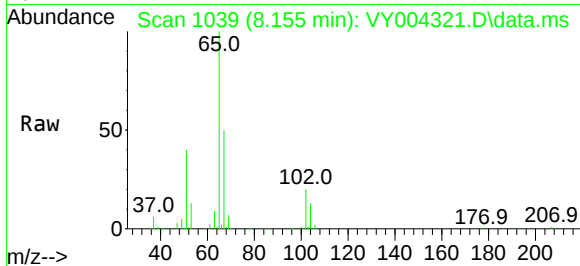




#33
 1,2-Dichloroethane-d4
 Concen: 66.22 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.006 min
 Lab File: VY004321.D
 Acq: 07 Apr 2021 17:37

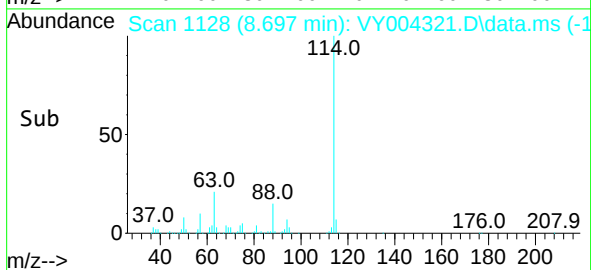
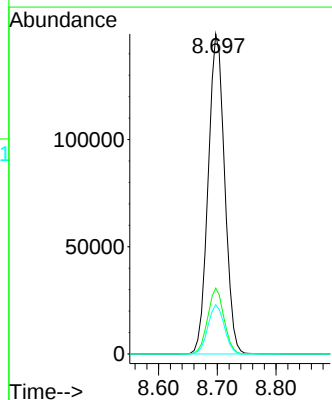
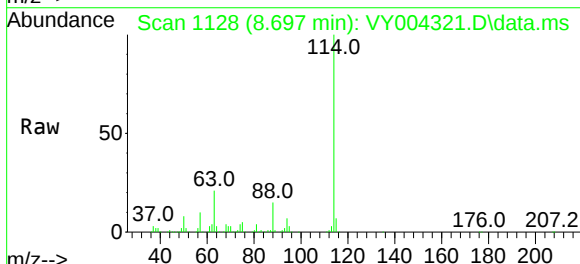
Instrument :
 MSVOA_Y
 ClientSampleId :

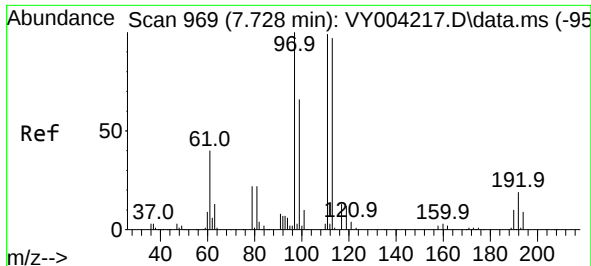
Tgt Ion: 65 Resp: 105589
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004321.D
 Acq: 07 Apr 2021 17:37

Tgt Ion: 114 Resp: 290357
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.4
 88 15.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 55.31 ug/l

RT: 7.728 min Scan# 969

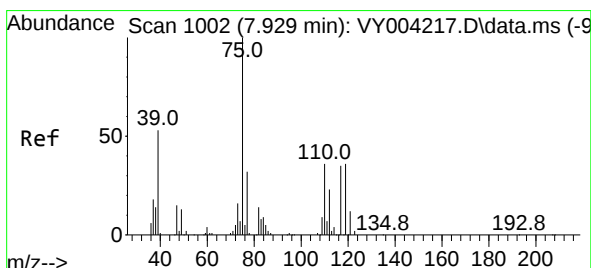
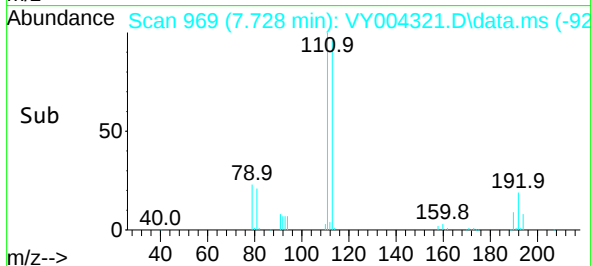
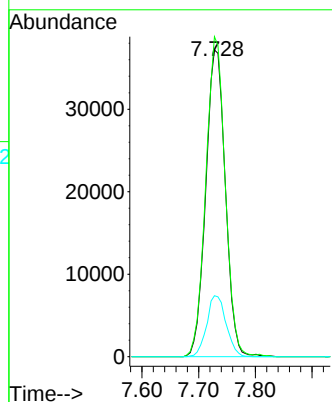
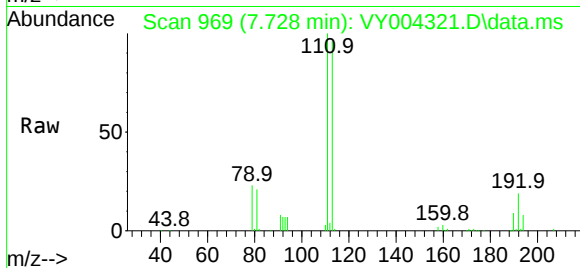
Delta R.T. -0.000 min

Lab File: VY004321.D

Acq: 07 Apr 2021 17:37

Tgt Ion:	113	Resp:	89487
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	124.0
192	19.6	16.4	24.6

Instrument :
MSVOA_Y
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 5.04 ug/l

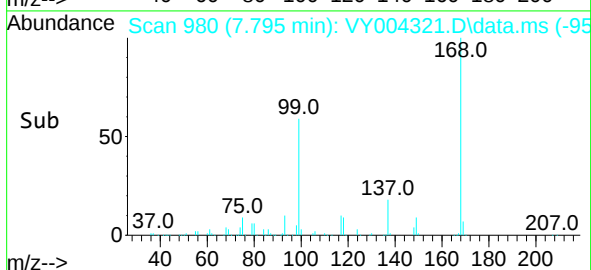
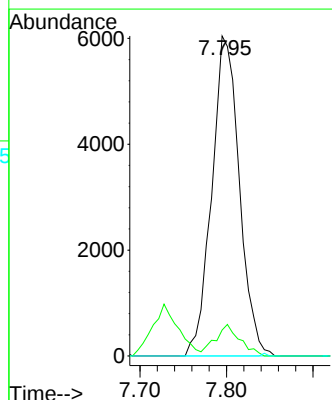
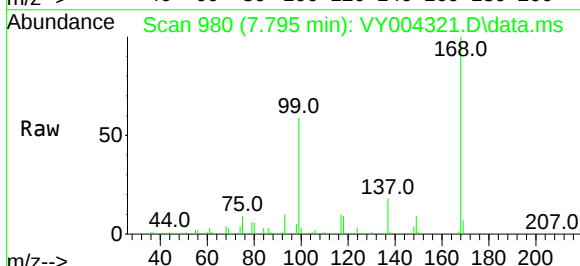
RT: 7.795 min Scan# 980

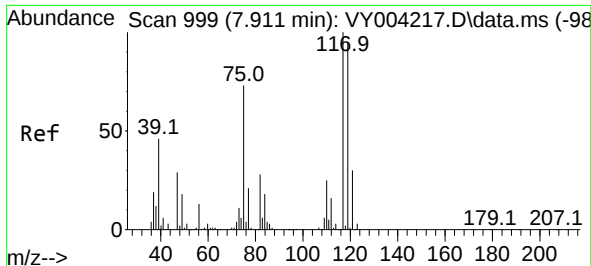
Delta R.T. -0.134 min

Lab File: VY004321.D

Acq: 07 Apr 2021 17:37

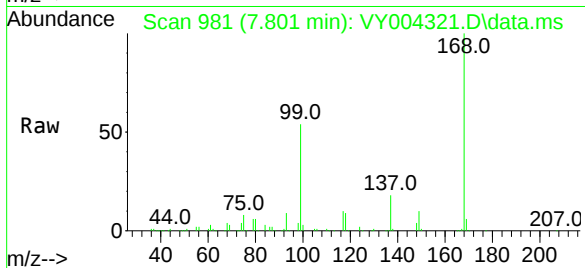
Tgt Ion:	75	Resp:	13363
Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.3#
77	0.0	25.1	37.7#



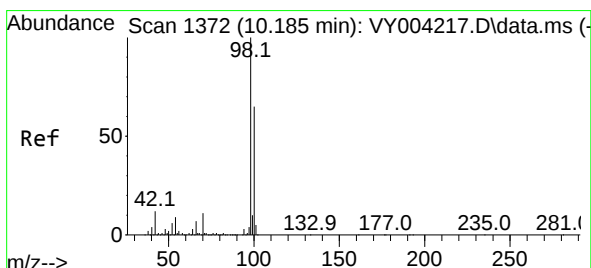
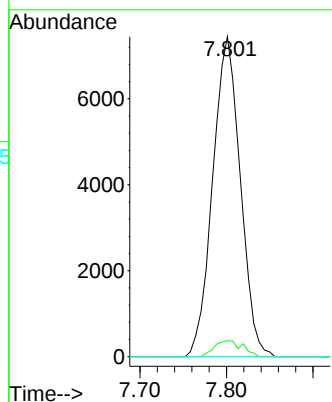
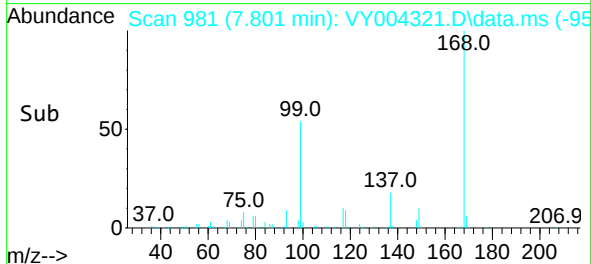


#38
Carbon Tetrachloride
Concen: 7.15 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004321.D
Acq: 07 Apr 2021 17:37

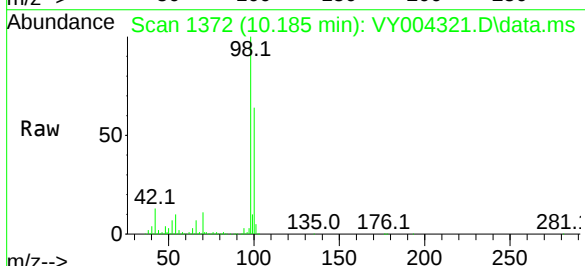
Instrument :
MSVOA_Y
ClientSampleId :



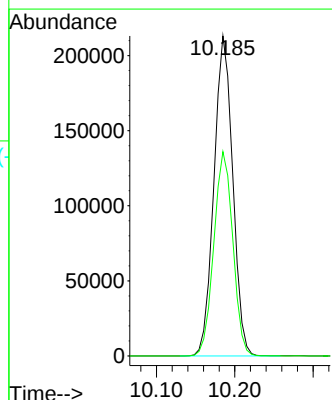
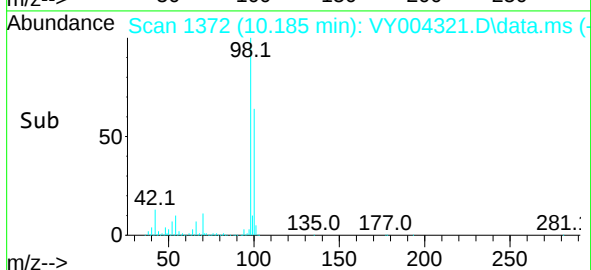
Tgt Ion:117 Resp: 16482
Ion Ratio Lower Upper
117 100
119 5.0 75.6 113.4#
121 0.0 24.3 36.5#

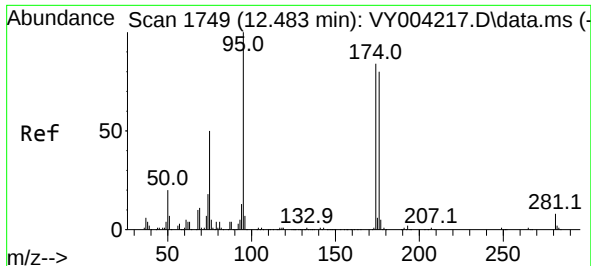


#50
Toluene-d8
Concen: 58.41 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004321.D
Acq: 07 Apr 2021 17:37



Tgt Ion: 98 Resp: 355423
Ion Ratio Lower Upper
98 100
100 64.5 52.5 78.7

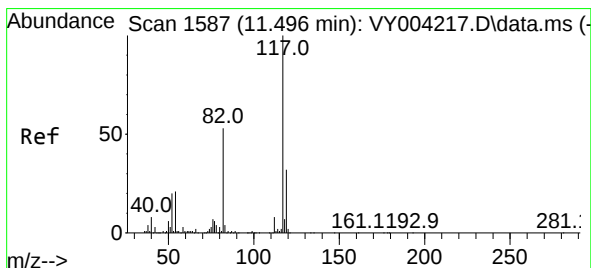
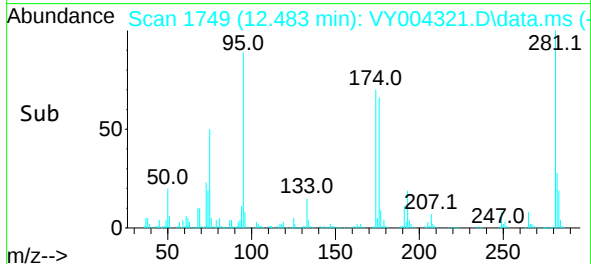
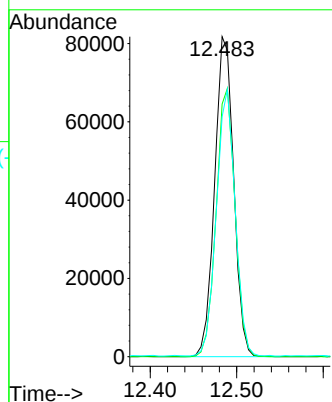
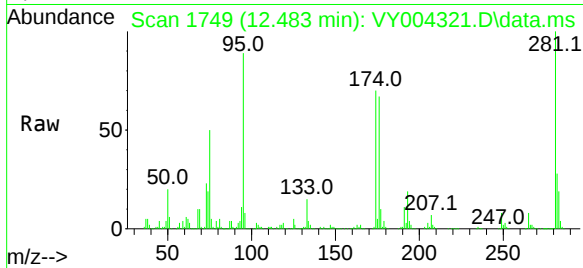




#62
4-Bromofluorobenzene
Concen: 59.73 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004321.D
Acq: 07 Apr 2021 17:37

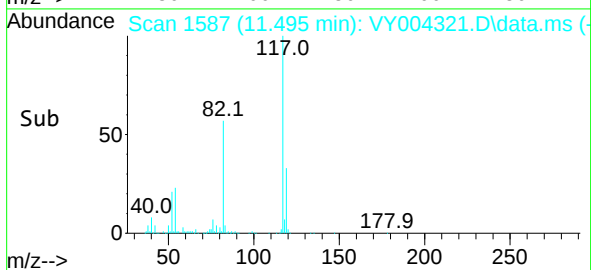
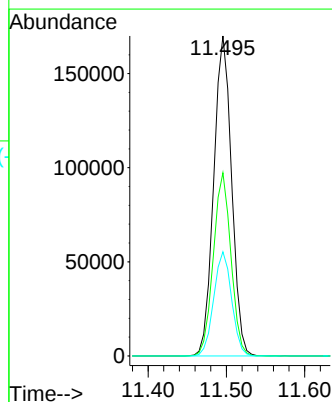
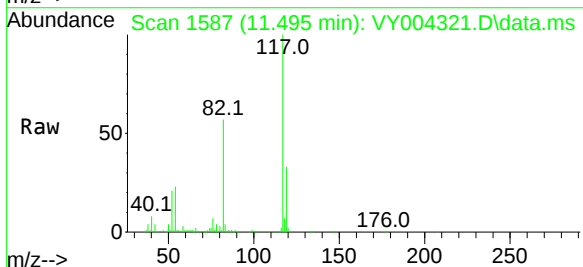
Instrument :
MSVOA_Y
ClientSampleId :

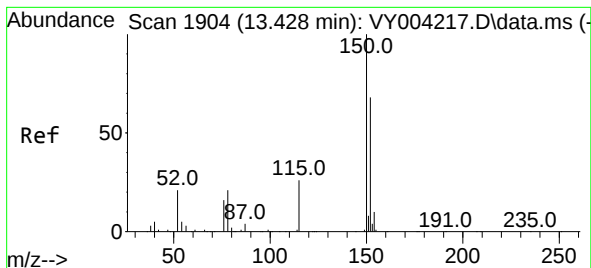
Tgt Ion: 95 Resp: 124557
Ion Ratio Lower Upper
95 100
174 83.3 0.0 171.4
176 82.3 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004321.D
Acq: 07 Apr 2021 17:37

Tgt Ion: 117 Resp: 269775
Ion Ratio Lower Upper
117 100
82 57.2 42.7 64.1
119 32.6 25.7 38.5

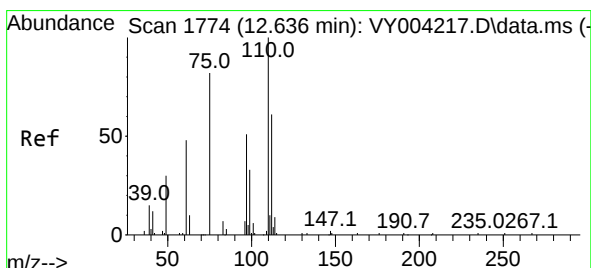
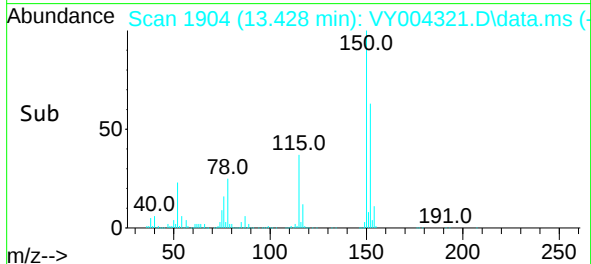
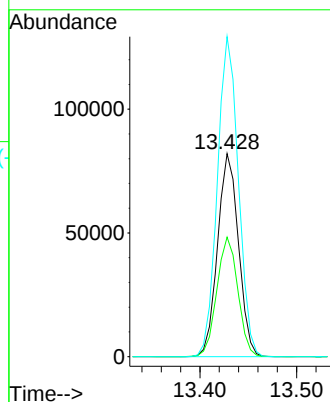
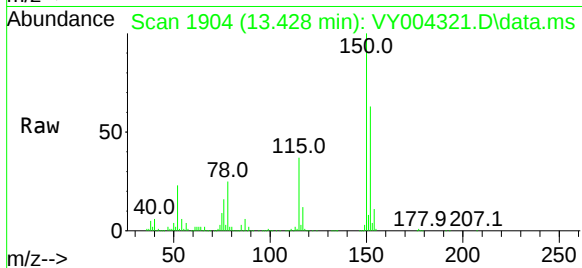




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004321.D
 Acq: 07 Apr 2021 17:37

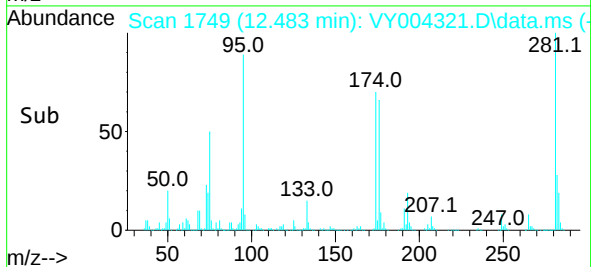
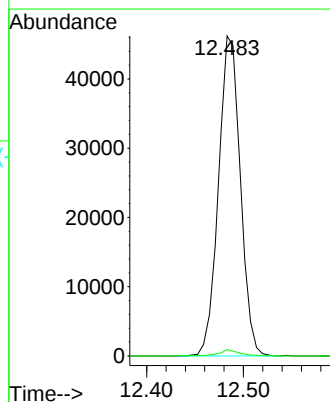
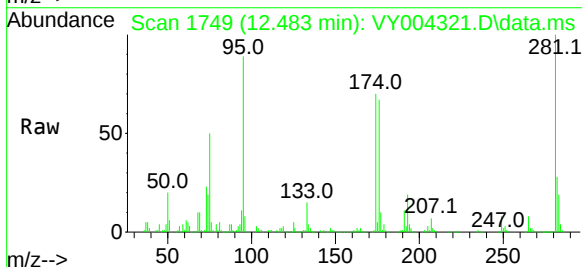
Instrument :
 MSVOA_Y
 ClientSampled :

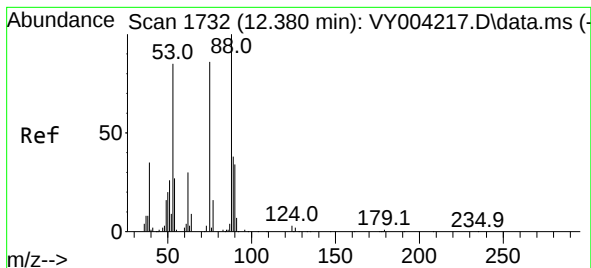
Tgt Ion:152 Resp: 123111
 Ion Ratio Lower Upper
 152 100
 115 59.2 29.0 87.1
 150 158.3 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 64.73 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004321.D
 Acq: 07 Apr 2021 17:37

Tgt Ion: 75 Resp: 72359
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#

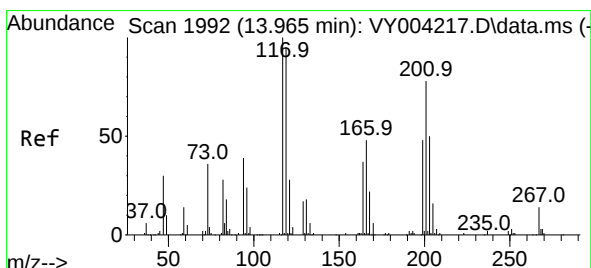
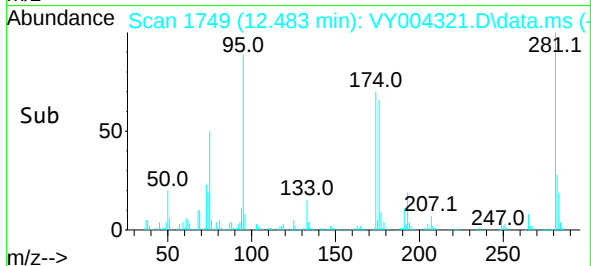
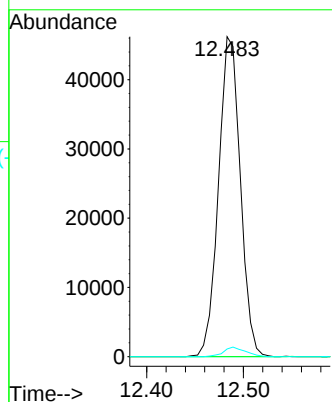
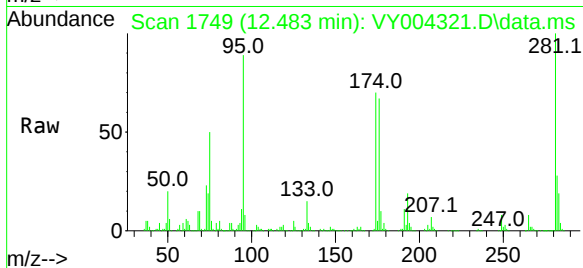




#81
trans-1,4-Dichloro-2-butene
Concen: 119.29 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004321.D
Acq: 07 Apr 2021 17:37

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 72359
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 3.0 39.4 59.2#



#90
Hexachloroethane
Concen: 7.31 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VY004321.D
Acq: 07 Apr 2021 17:37

Tgt Ion: 117 Resp: 22
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

