

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
 Data File : VY004315.D
 Acq On : 07 Apr 2021 15:18
 Operator : SY/MD
 Sample : M1963-02
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 08 01:01:07 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	171797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	296815	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	283125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130155	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105344	63.79	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.58%
35) Dibromofluoromethane	7.728	113	90847	54.93	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.86%
50) Toluene-d8	10.185	98	368980	59.32	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	118.64%
62) 4-Bromofluorobenzene	12.483	95	125579	58.91	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.82%

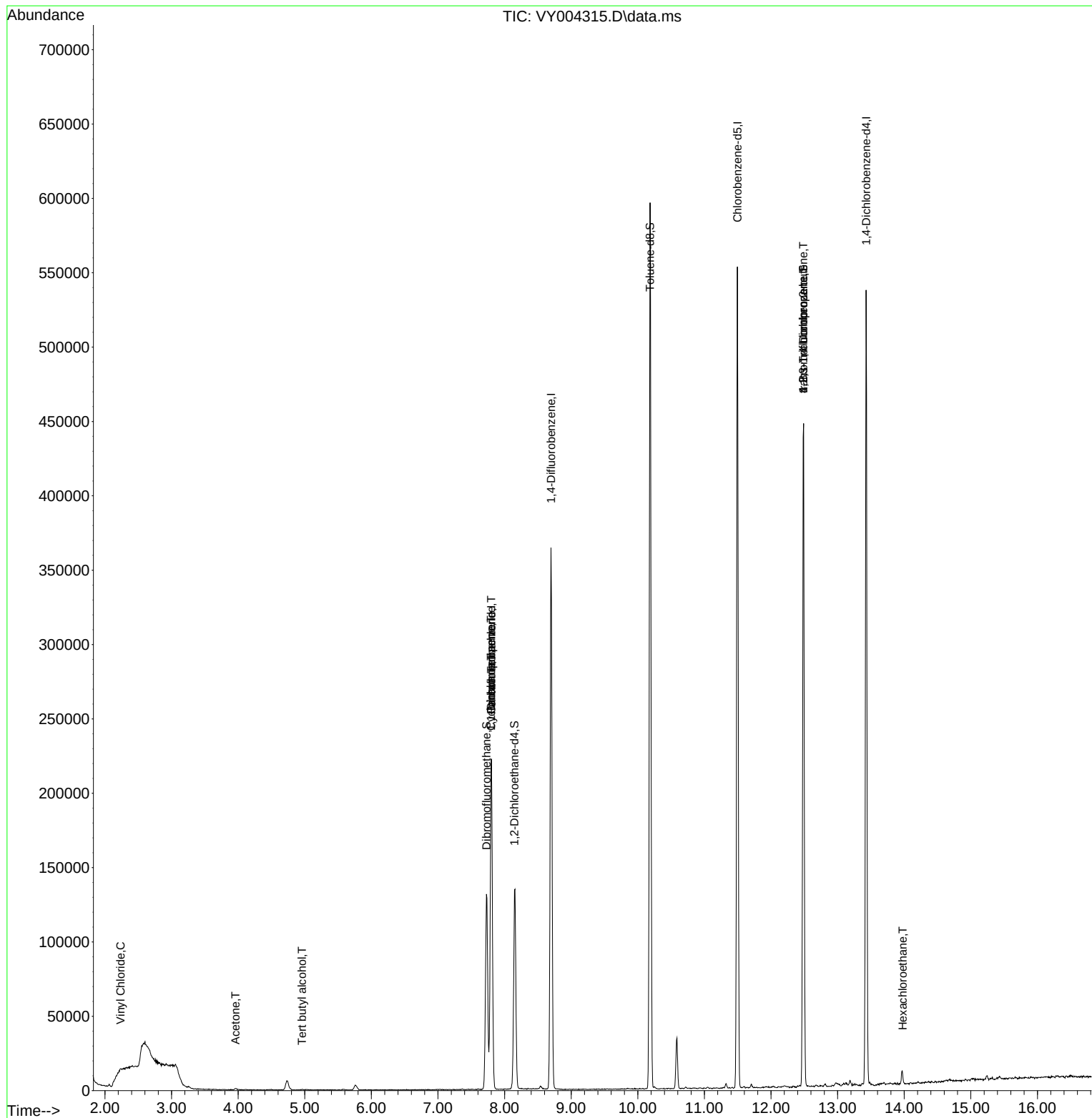
Target Compounds						Qvalue
4) Vinyl Chloride	2.235	62	8756	3.91	ug/l #	42
11) Tert butyl alcohol	4.960	59	626	4.66	ug/l #	71
13) Acrolein	3.729	56	27	Below Cal	#	15
16) Acetone	3.960	43	1666	4.84	ug/l	99
31) Cyclohexane	7.795	56	4003	1.37	ug/l #	11
36) 1,1-Dichloropropene	7.795	75	13869	5.12	ug/l #	49
38) Carbon Tetrachloride	7.801	117	17019	7.22	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	68489	57.95	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	68489	106.80	ug/l #	10
90) Hexachloroethane	13.977	117	49	7.34	ug/l #	12

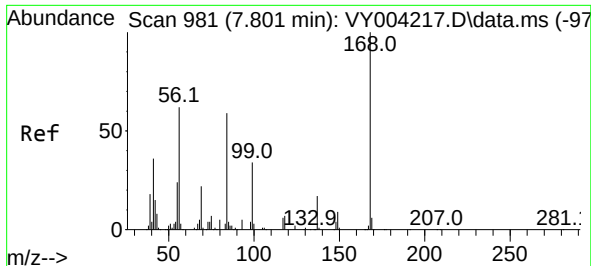
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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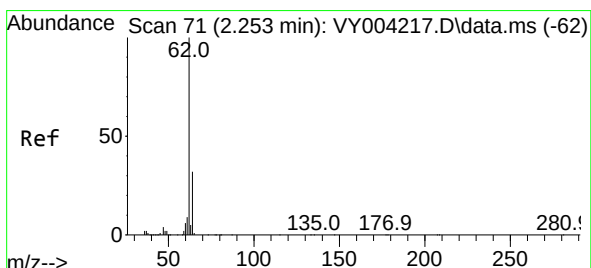
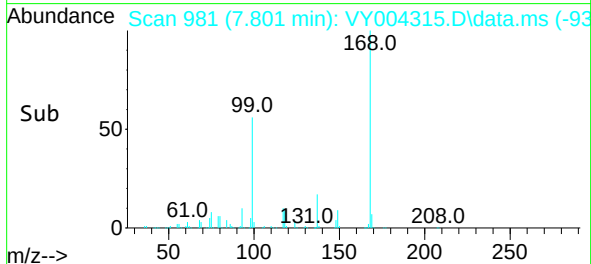
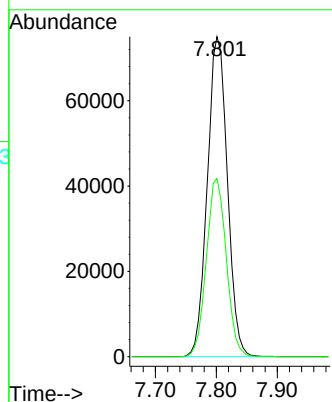
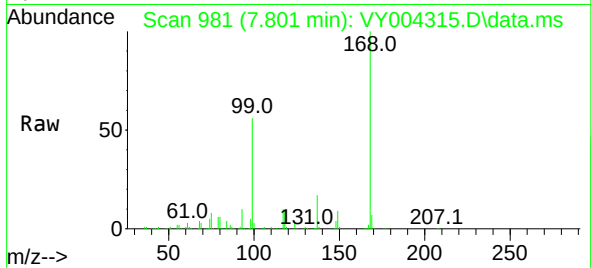




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004315.D
Acq: 07 Apr 2021 15:18

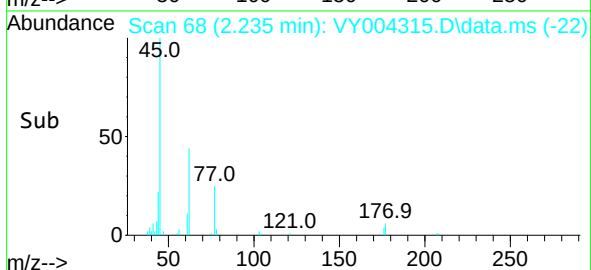
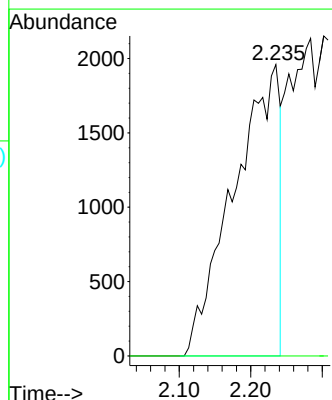
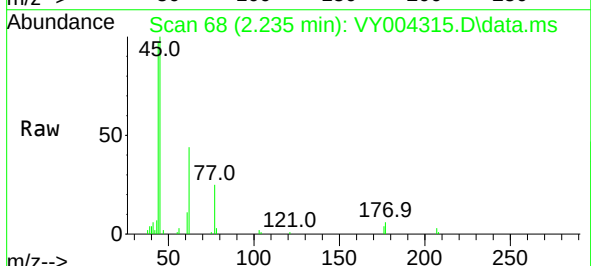
Instrument :
MSVOA_Y
ClientSampleId :

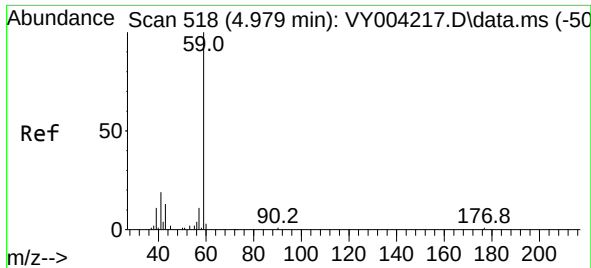
Tgt Ion:168 Resp: 171797
Ion Ratio Lower Upper
168 100
99 55.7 42.6 64.0



#4
Vinyl Chloride
Concen: 3.91 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.018 min
Lab File: VY004315.D
Acq: 07 Apr 2021 15:18

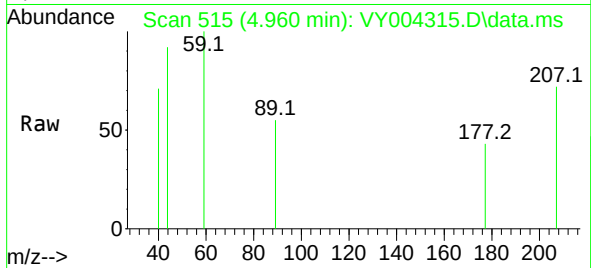
Tgt Ion: 62 Resp: 8756
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



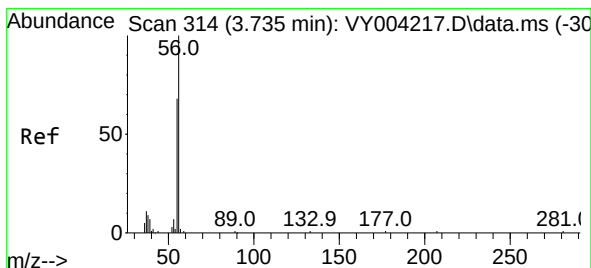
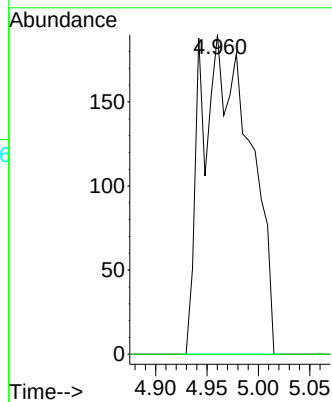
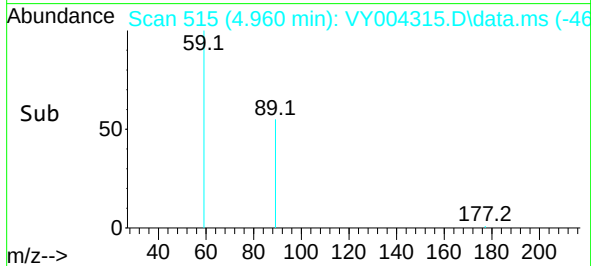


#11
Tert butyl alcohol
Concen: 4.66 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY004315.D
Acq: 07 Apr 2021 15:18

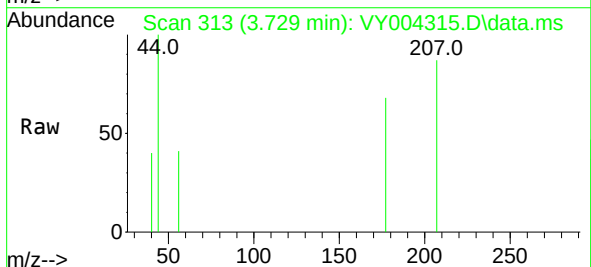
Instrument :
MSVOA_Y
ClientSampled :



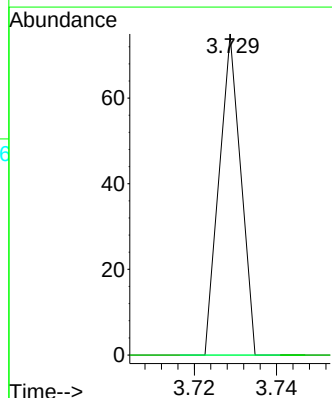
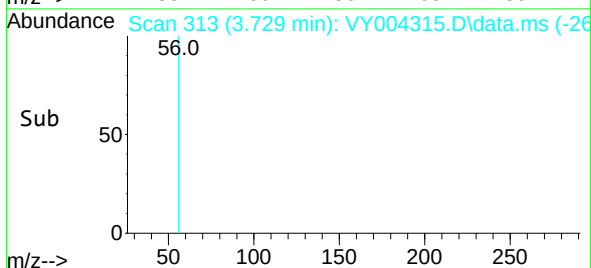
Tgt Ion: 59 Resp: 626
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

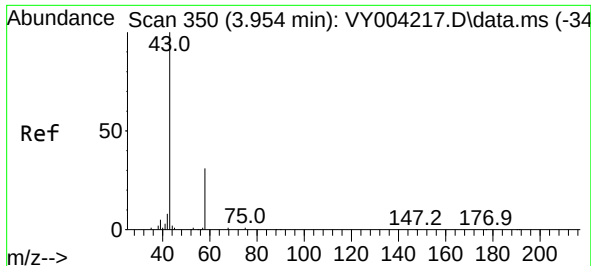


#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY004315.D
Acq: 07 Apr 2021 15:18



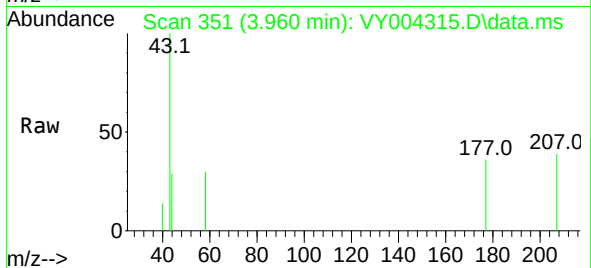
Tgt Ion: 56 Resp: 27
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.4#



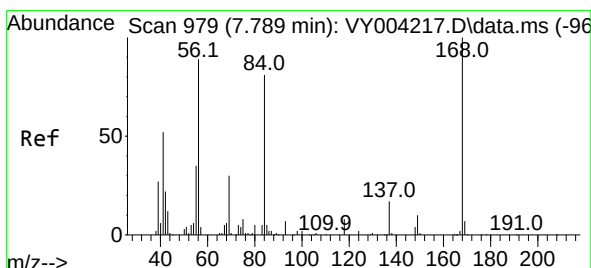
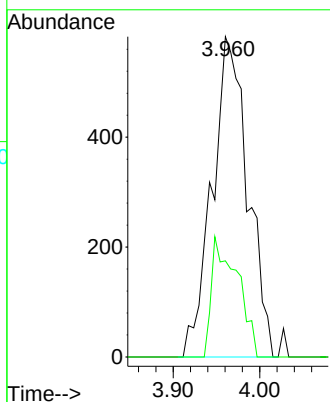
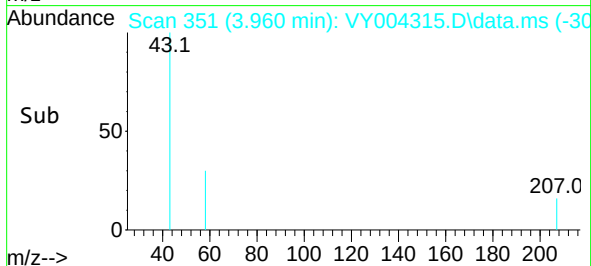


#16
Acetone
Concen: 4.84 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004315.D
Acq: 07 Apr 2021 15:18

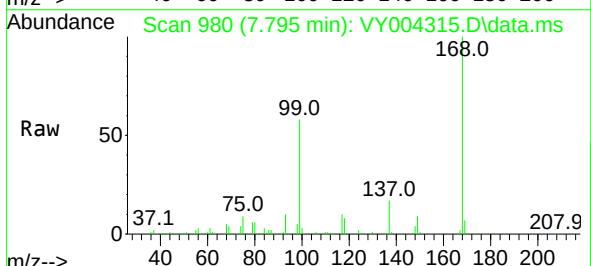
Instrument :
MSVOA_Y
ClientSampleId :



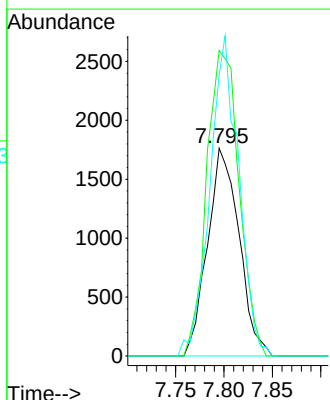
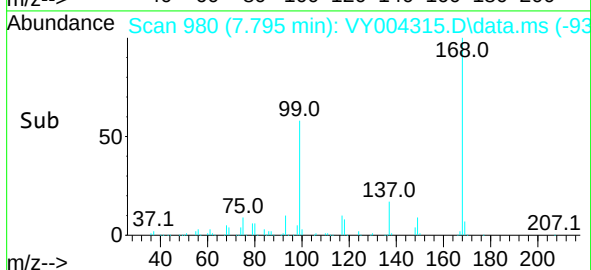
Tgt Ion: 43 Resp: 1666
Ion Ratio Lower Upper
43 100
58 30.0 24.5 36.7

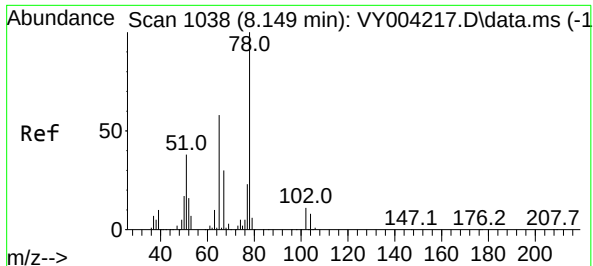


#31
Cyclohexane
Concen: 1.37 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004315.D
Acq: 07 Apr 2021 15:18



Tgt Ion: 56 Resp: 4003
Ion Ratio Lower Upper
56 100
69 147.0 26.6 40.0#
84 135.2 72.3 108.5#

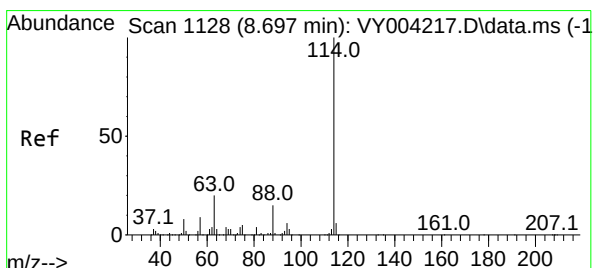
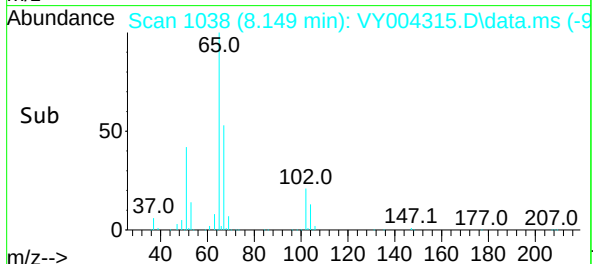
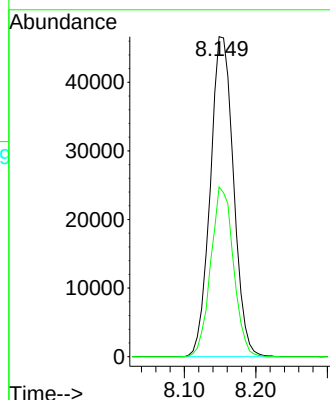
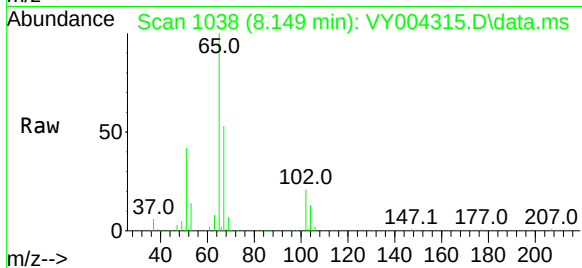




#33
1,2-Dichloroethane-d4
Concen: 63.79 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004315.D
Acq: 07 Apr 2021 15:18

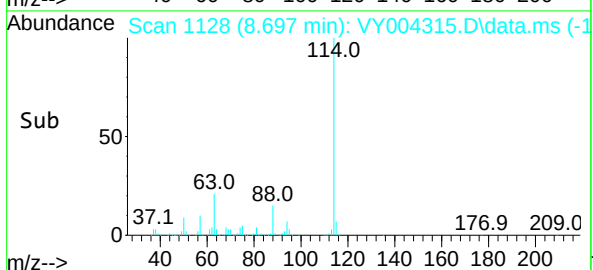
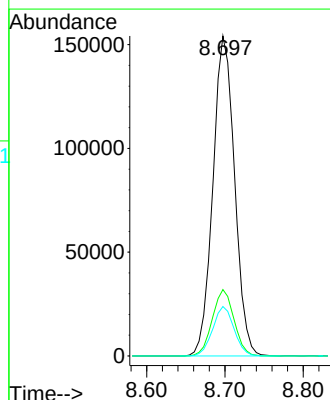
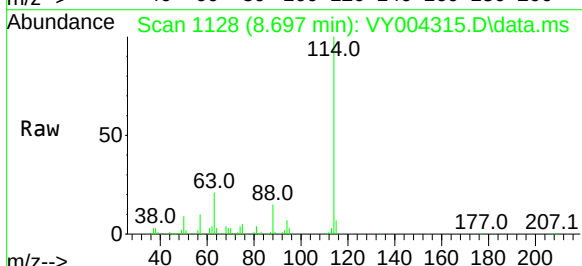
Instrument :
MSVOA_Y
ClientSampleId :

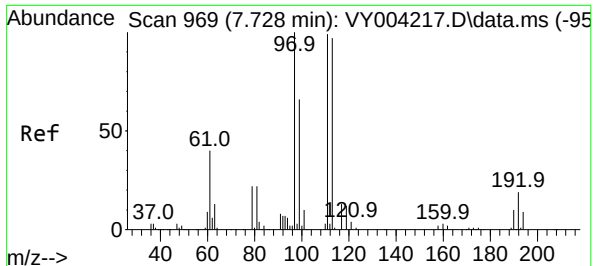
Tgt Ion: 65 Resp: 105344
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004315.D
Acq: 07 Apr 2021 15:18

Tgt Ion:114 Resp: 296815
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.4
88 15.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 54.93 ug/l

RT: 7.728 min Scan# 969

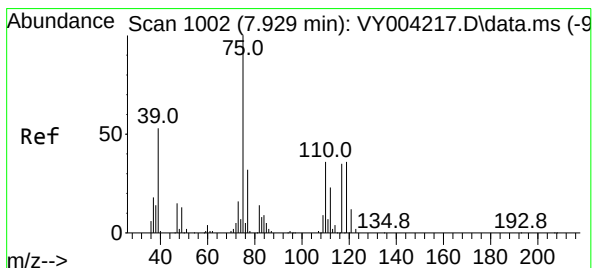
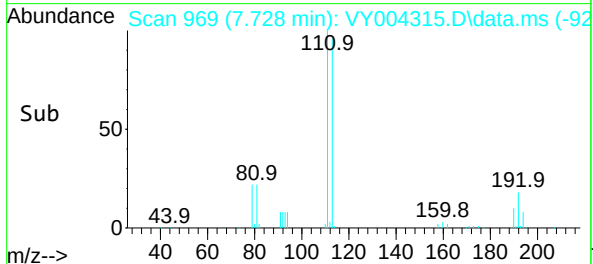
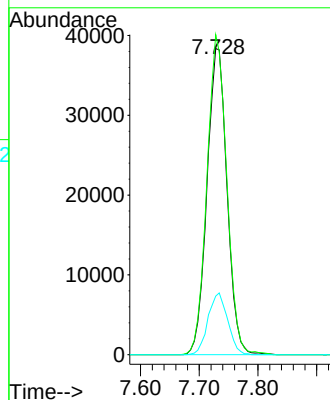
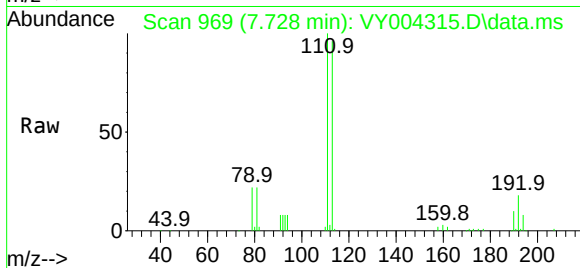
Delta R.T. -0.000 min

Lab File: VY004315.D

Acq: 07 Apr 2021 15:18

Tgt Ion:	113	Resp:	90847
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	124.0
192	19.7	16.4	24.6

Instrument :
MSVOA_Y
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 5.12 ug/l

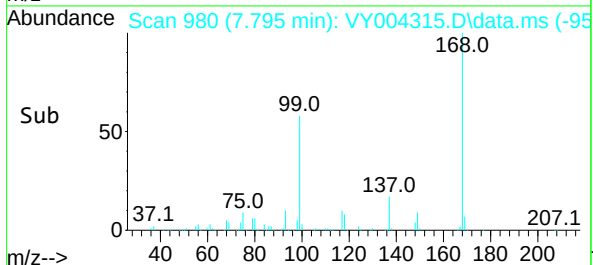
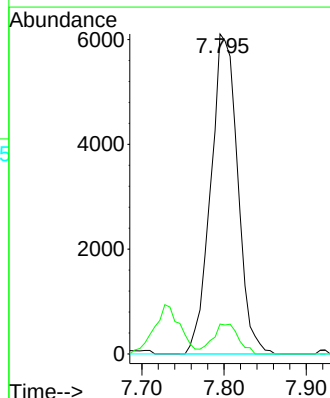
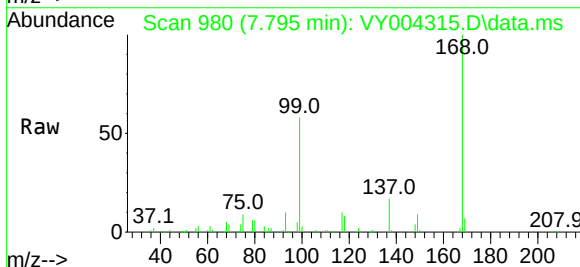
RT: 7.795 min Scan# 980

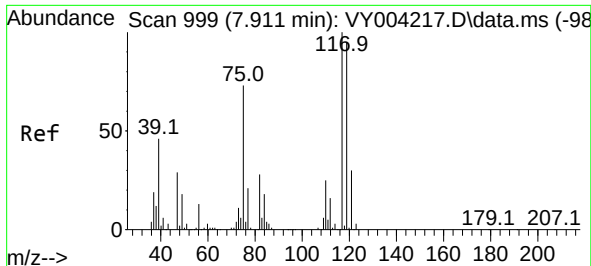
Delta R.T. -0.134 min

Lab File: VY004315.D

Acq: 07 Apr 2021 15:18

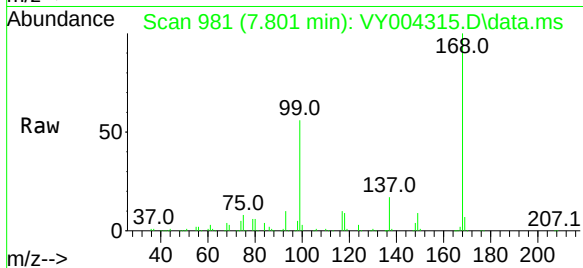
Tgt Ion:	75	Resp:	13869
Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.3#
77	0.0	25.1	37.7#



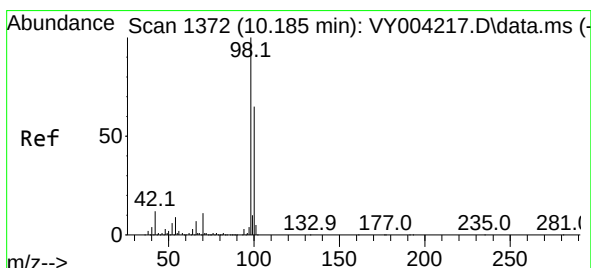
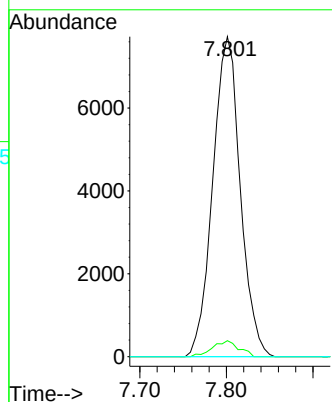
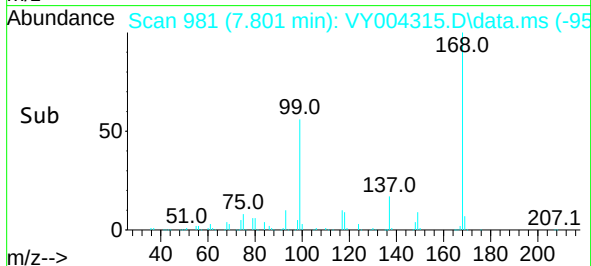


#38
Carbon Tetrachloride
Concen: 7.22 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004315.D
Acq: 07 Apr 2021 15:18

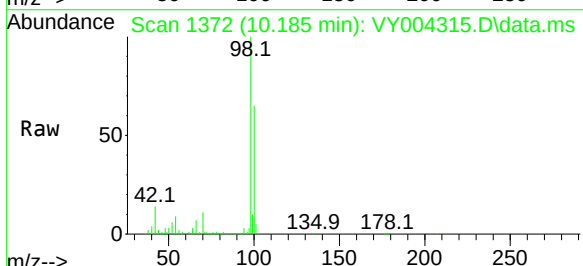
Instrument :
MSVOA_Y
ClientSampleId :



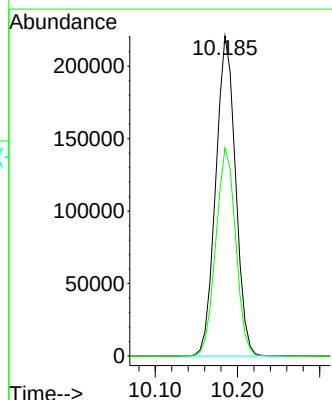
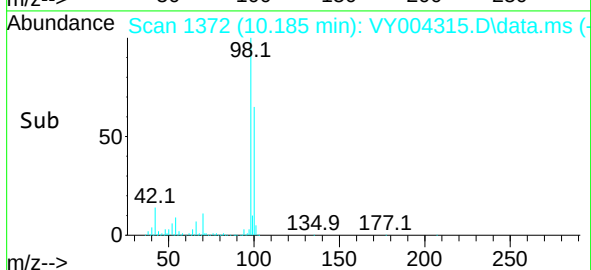
Tgt Ion: 117 Resp: 17019
Ion Ratio Lower Upper
117 100
119 5.0 75.6 113.4#
121 0.0 24.3 36.5#

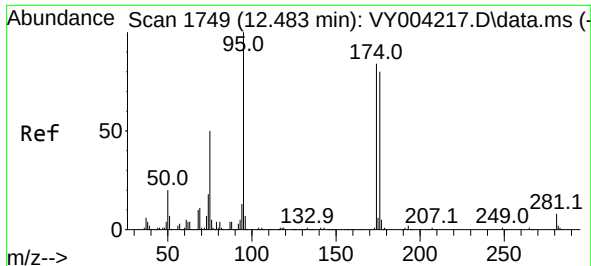


#50
Toluene-d8
Concen: 59.32 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004315.D
Acq: 07 Apr 2021 15:18



Tgt Ion: 98 Resp: 368980
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

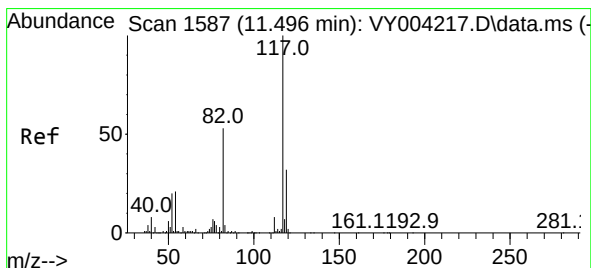
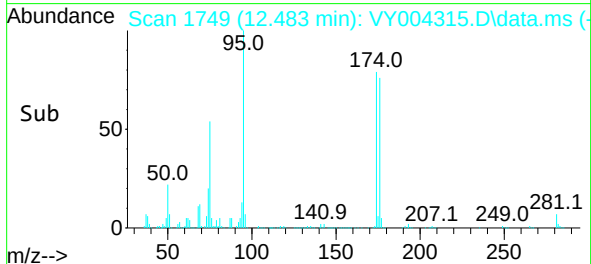
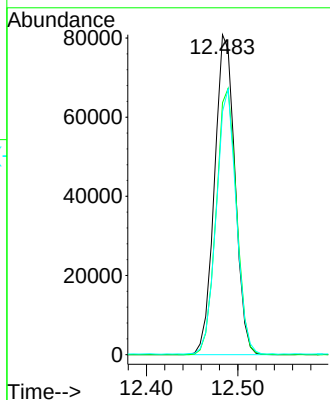
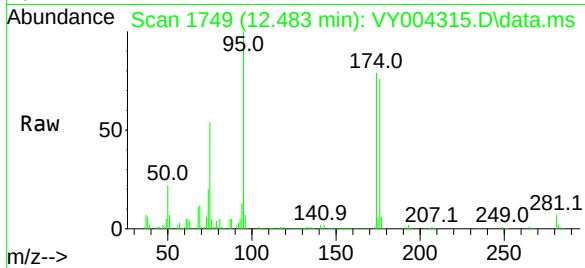




#62
4-Bromofluorobenzene
Concen: 58.91 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004315.D
Acq: 07 Apr 2021 15:18

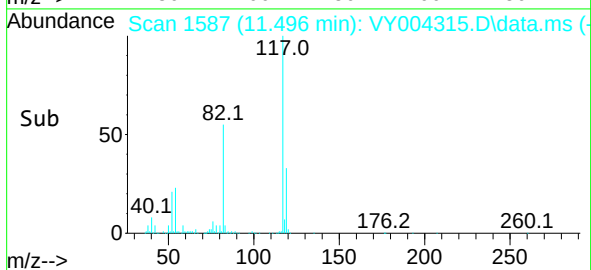
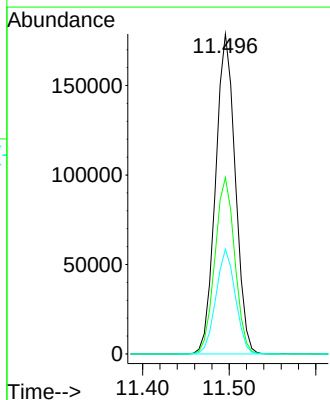
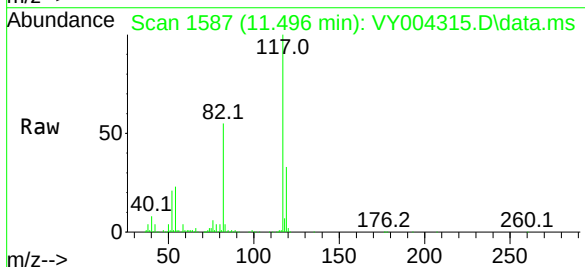
Instrument :
MSVOA_Y
ClientSampleId :

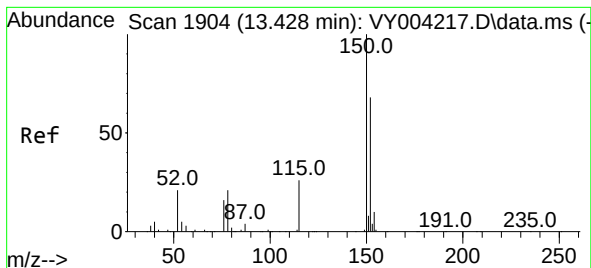
Tgt Ion: 95 Resp: 125579
Ion Ratio Lower Upper
95 100
174 82.9 0.0 171.4
176 80.7 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004315.D
Acq: 07 Apr 2021 15:18

Tgt Ion: 117 Resp: 283125
Ion Ratio Lower Upper
117 100
82 55.1 42.7 64.1
119 32.7 25.7 38.5

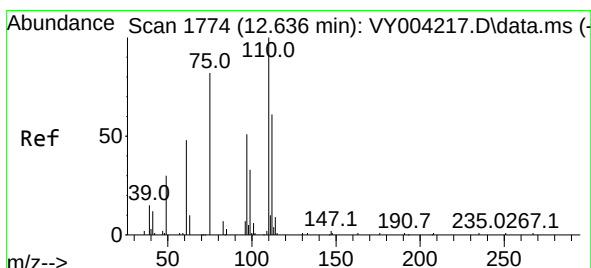
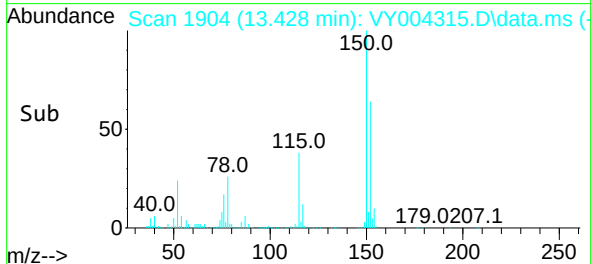
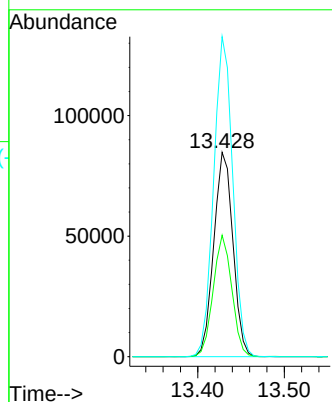
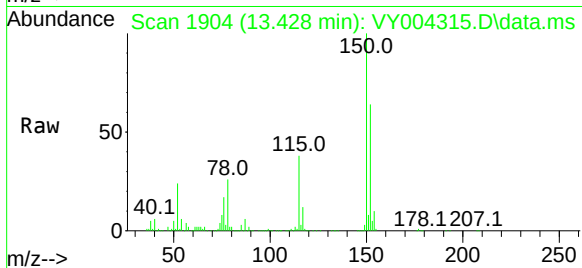




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004315.D
 Acq: 07 Apr 2021 15:18

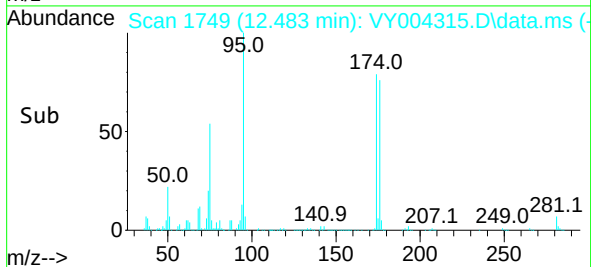
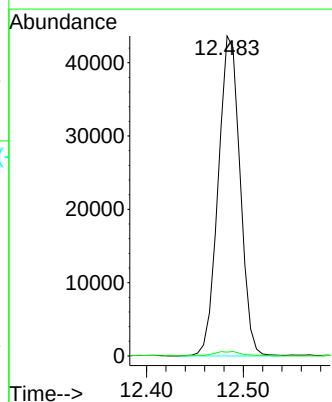
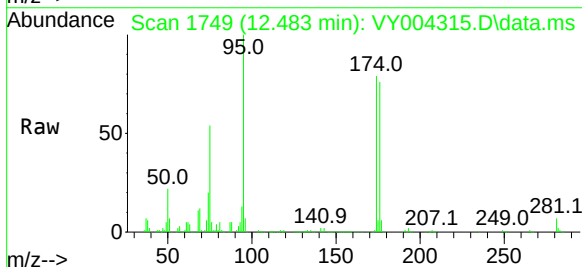
Instrument :
 MSVOA_Y
 ClientSampled :

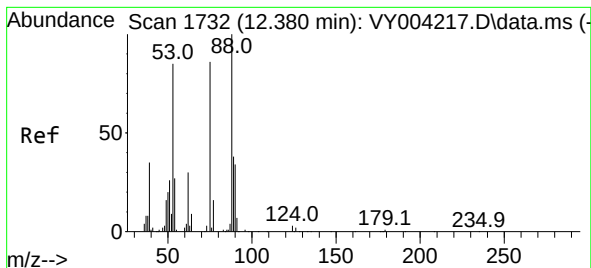
Tgt Ion:152 Resp: 130155
 Ion Ratio Lower Upper
 152 100
 115 57.9 29.0 87.1
 150 155.9 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 57.95 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004315.D
 Acq: 07 Apr 2021 15:18

Tgt Ion: 75 Resp: 68489
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#

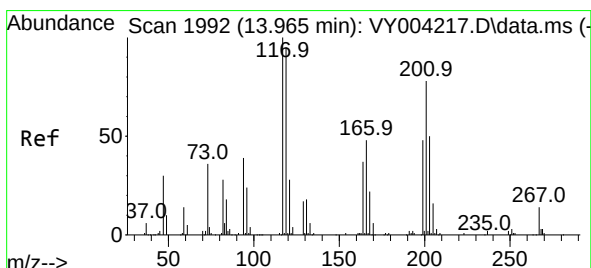
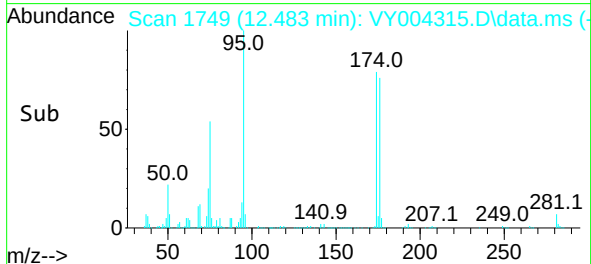
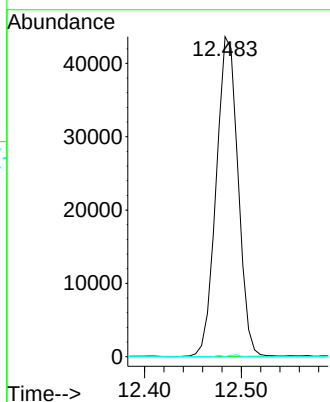
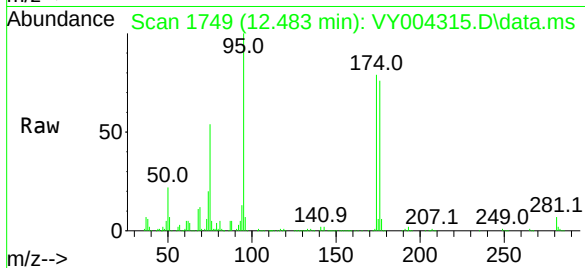




#81
trans-1,4-Dichloro-2-butene
Concen: 106.80 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004315.D
Acq: 07 Apr 2021 15:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 68489
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.4 39.4 59.2#



#90
Hexachloroethane
Concen: 7.34 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.012 min
Lab File: VY004315.D
Acq: 07 Apr 2021 15:18

Tgt Ion: 117 Resp: 49
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

