

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
 Data File : VY003304.D
 Acq On : 22 Jul 2020 21:33
 Operator : SY/MD
 Sample : L3308-21
 Misc : 5.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 21RE

Quant Time: Jul 23 05:45:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	379461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	588627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	548946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	274149	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	196344	61.30	ug/l	0.00
Spiked Amount			Recovery	=	122.60%	
35) Dibromofluoromethane	7.72	113	185048	54.63	ug/l	0.00
Spiked Amount			Recovery	=	109.26%	
50) Toluene-d8	10.18	98	719403	57.12	ug/l	0.00
Spiked Amount			Recovery	=	114.24%	
62) 4-Bromofluorobenzene	12.48	95	227536	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	

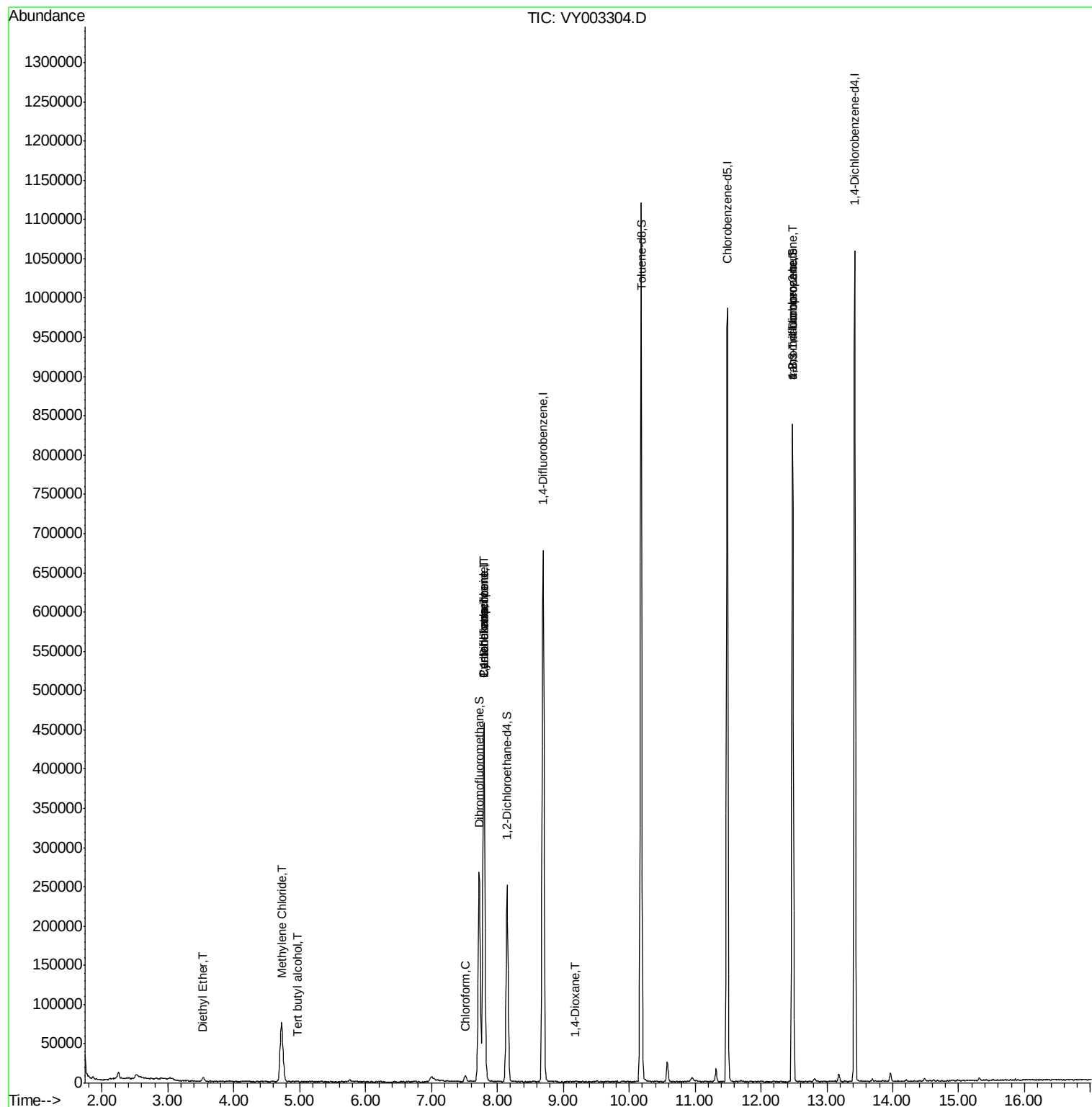
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.54	74	2767	1.494	ug/l	55
11) Tert butyl alcohol	4.96	59	413	1.193	ug/l #	72
20) Methylene Chloride	4.72	84	57734	11.846	ug/l	96
30) Chloroform	7.51	83	6979	1.125	ug/l	97
31) Cyclohexane	7.80	56	6959	1.195	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	27231	5.104	ug/l #	49
38) Carbon Tetrachloride	7.80	117	33868	6.149	ug/l #	18
49) 1,4-Dioxane	9.17	88	33	1.171	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	117930	48.597	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	117930	94.579	ug/l #	13

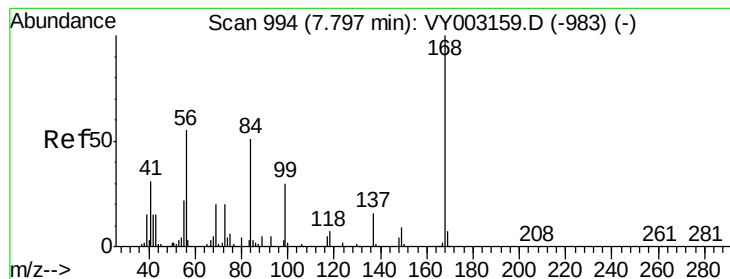
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.03G/5ML/MSVOA Y/SOIL
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Quant Time: Jul 23 05:45:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003304.D

Acq: 22 Jul 2020 21:33

Instrument :

MSVOA_Y

ClientSampleId :

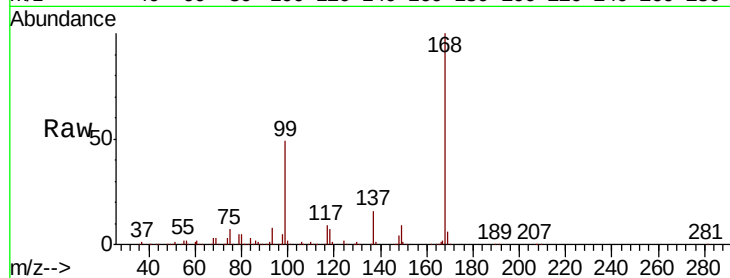
21RE

Tot Ion:168 Resp: 379461

Ion Ratio Lower Upper

168 100

99 48.8 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003304.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003304.D (-945) (-)

7.80

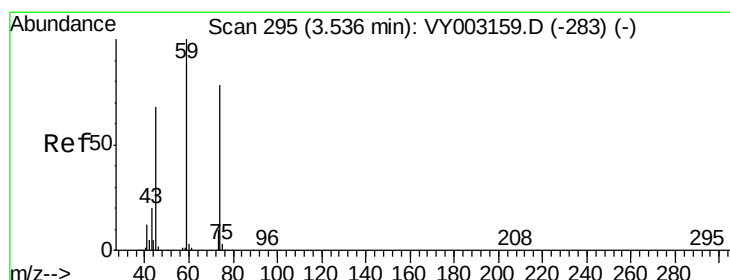
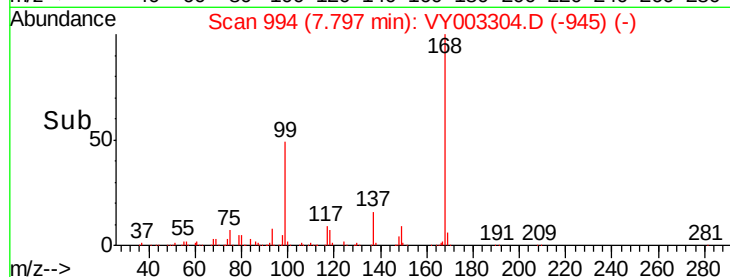
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.494 ug/l

RT: 3.54 min Scan# 295

Delta R.T. 0.00 min

Lab File: VY003304.D

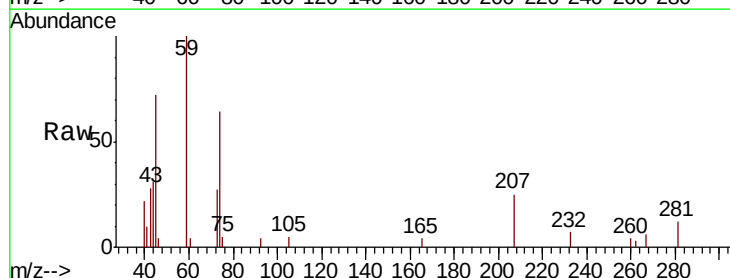
Acq: 22 Jul 2020 21:33

Tgt Ion: 74 Resp: 2767

Ion Ratio Lower Upper

74 100

45 132.8 45.3 135.8



Abundance Ion 74.00 (73.70 to 74.70): VY003304.D (-246) (-)

Ion 45.00 (44.70 to 45.70): VY003304.D (-246) (-)

3.54

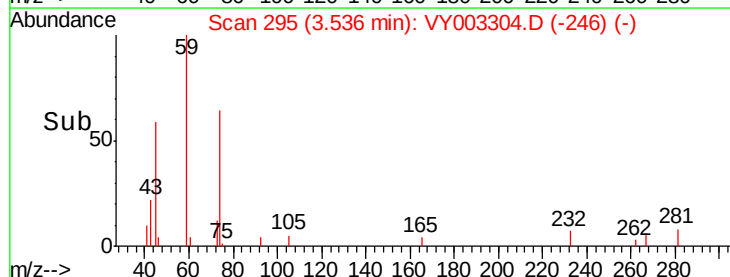
1500

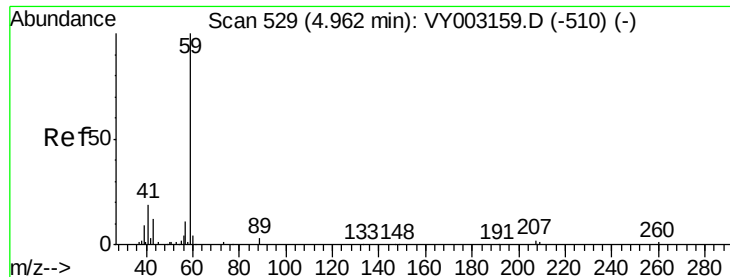
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500

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Time-->



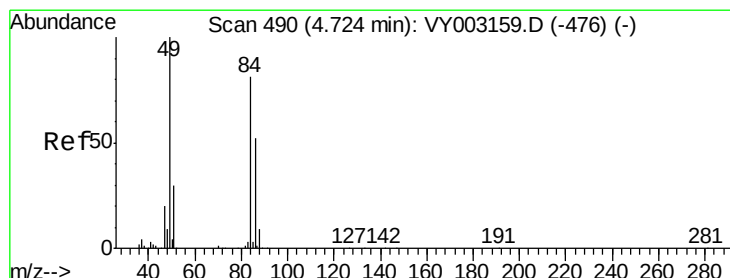
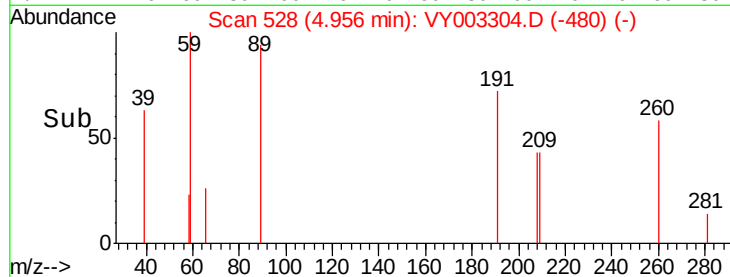
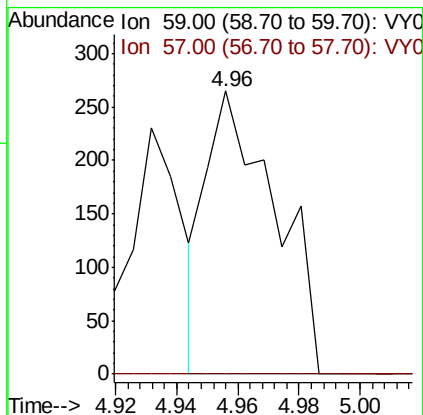
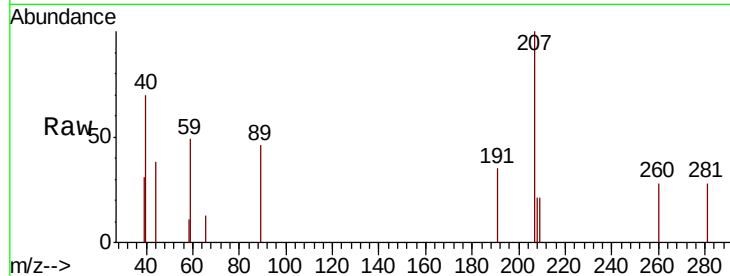


#11

Tert butyl alcohol
 Concen: 1.193 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY003304.D
 Acq: 22 Jul 2020 21:33

Instrument :
 MSVOA_Y
 ClientSampled :
 21RE

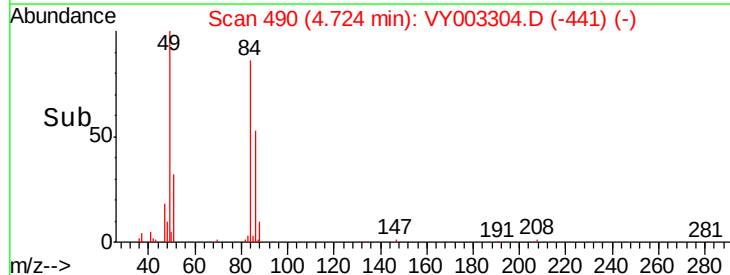
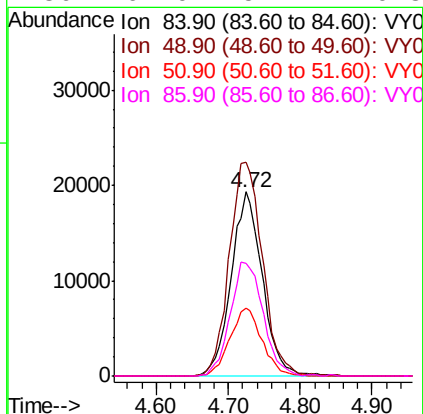
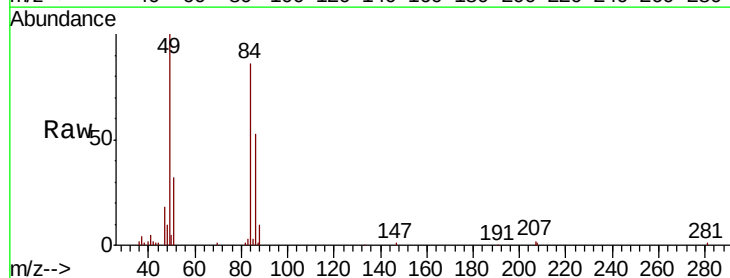
Tot Ion: 59 Resp: 413
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

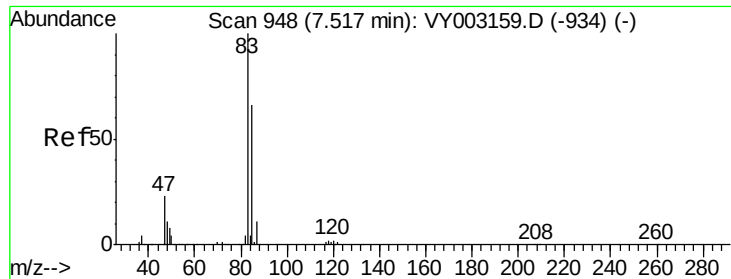


#20

Methylene Chloride
 Concen: 11.846 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY003304.D
 Acq: 22 Jul 2020 21:33

Tgt Ion: 84 Resp: 57734
 Ion Ratio Lower Upper
 84 100
 49 116.0 98.2 147.4
 51 36.9 29.8 44.6
 86 61.0 51.2 76.8

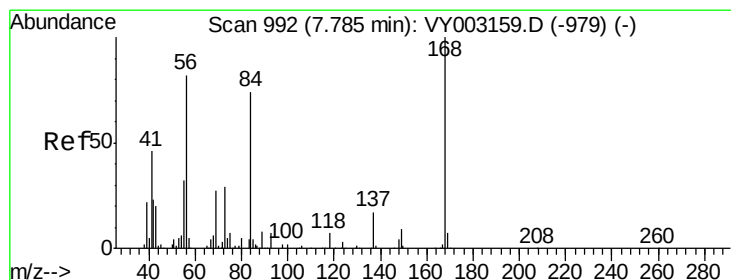
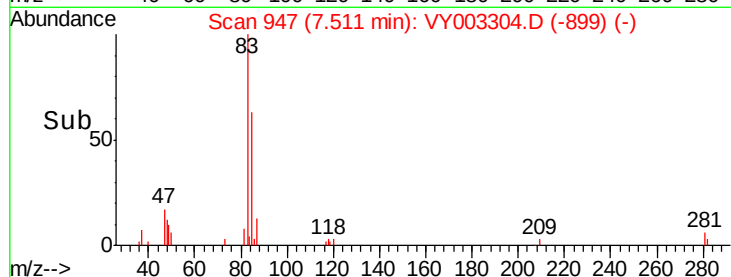
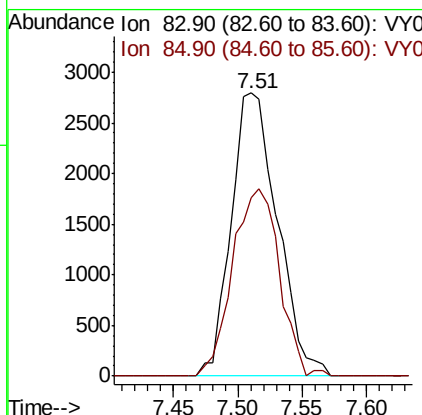
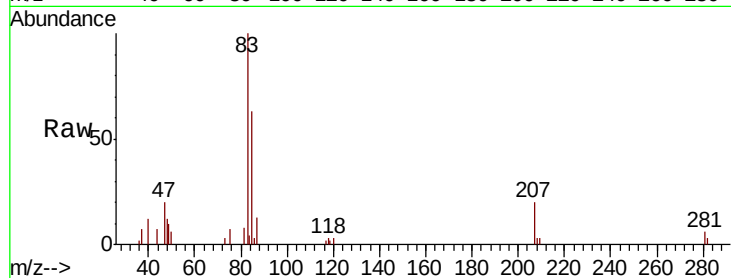




#30
Chloroform
Concen: 1.125 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003304.D
Acq: 22 Jul 2020 21:33

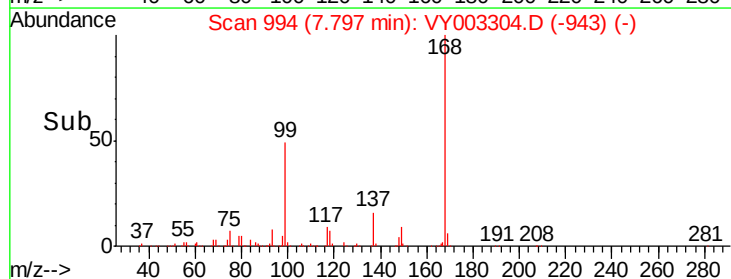
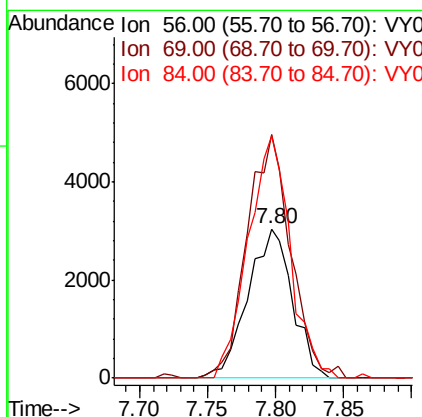
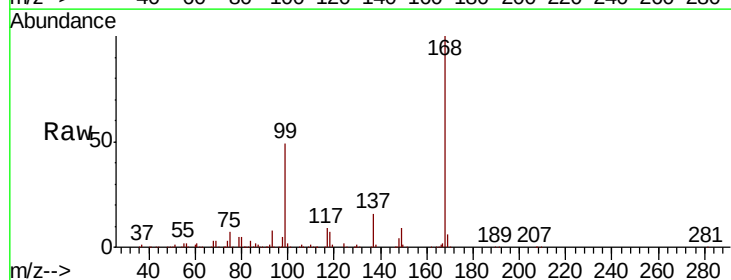
Instrument :
MSVOA_Y
ClientSampleId :
21RE

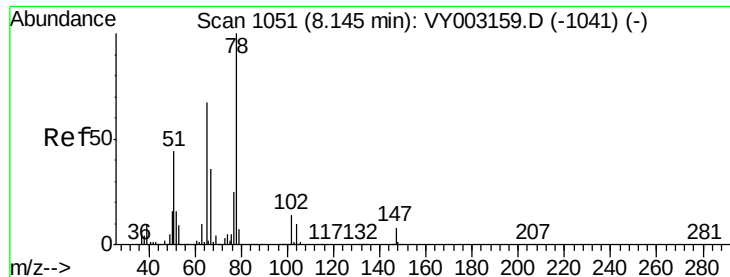
Tot Ion: 83 Resp: 6979
Ion Ratio Lower Upper
83 100
85 63.2 52.6 78.8



#31
Cyclohexane
Concen: 1.195 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003304.D
Acq: 22 Jul 2020 21:33

Tgt Ion: 56 Resp: 6959
Ion Ratio Lower Upper
56 100
69 163.0 26.7 40.1#
84 166.7 72.3 108.5#

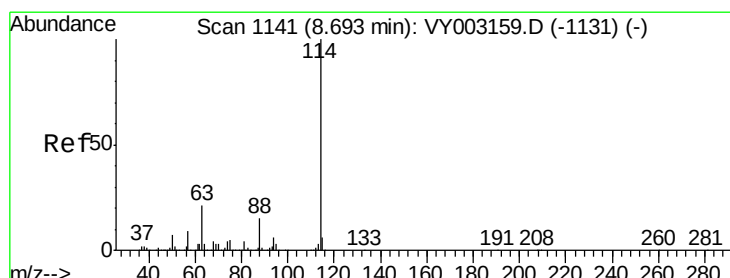
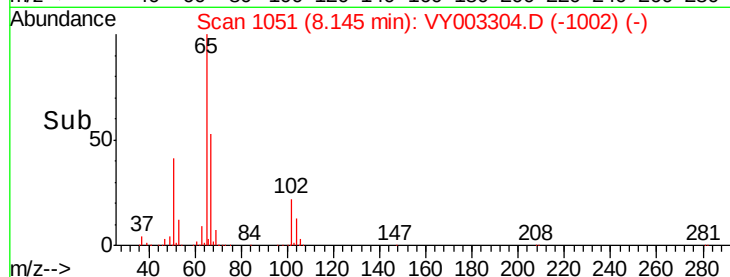
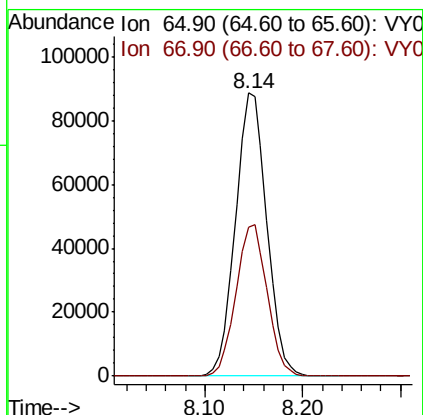
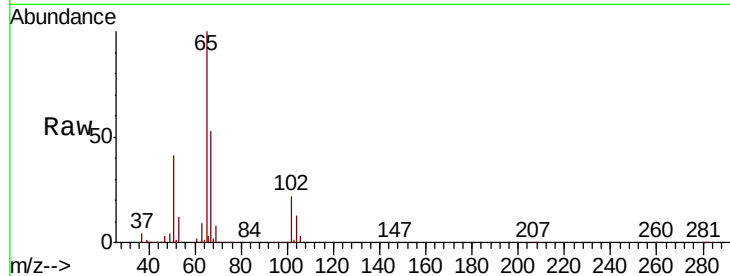




#33
 1,2-Dichloroethane-d4
 Concen: 61.304 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003304.D
 Acq: 22 Jul 2020 21:33

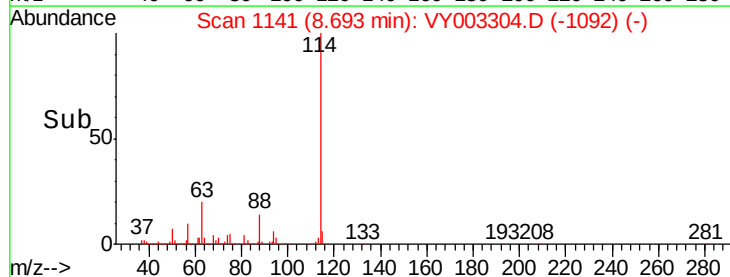
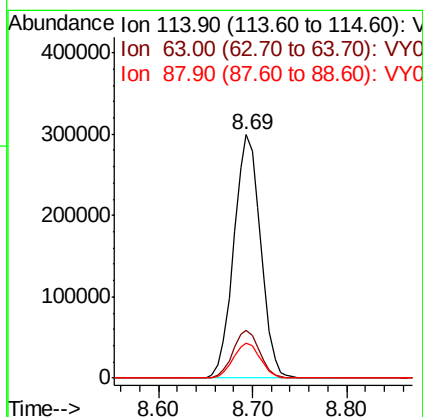
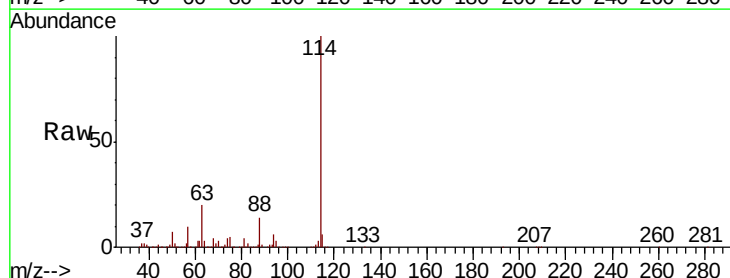
Instrument :
 MSVOA_Y
 ClientSampleId :
 21RE

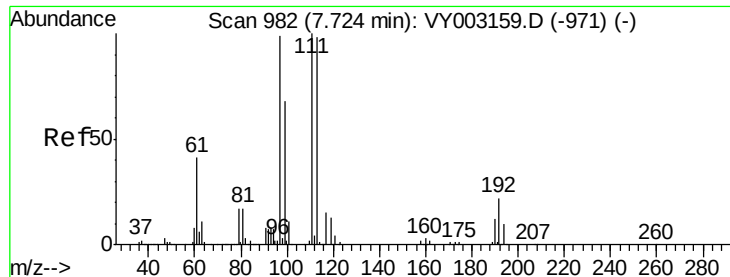
Tot Ion: 65 Resp: 196344
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003304.D
 Acq: 22 Jul 2020 21:33

Tgt Ion: 114 Resp: 588627
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.2
 88 14.4 0.0 30.2

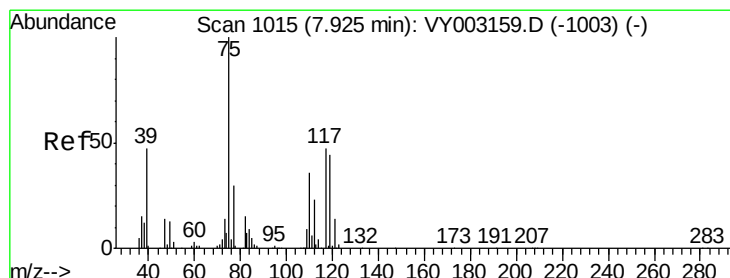
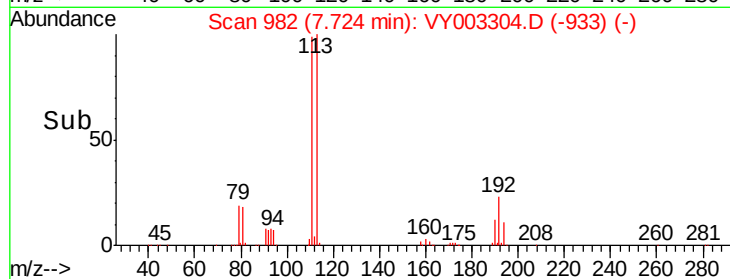
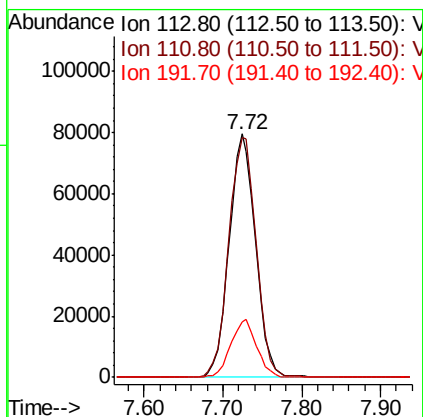
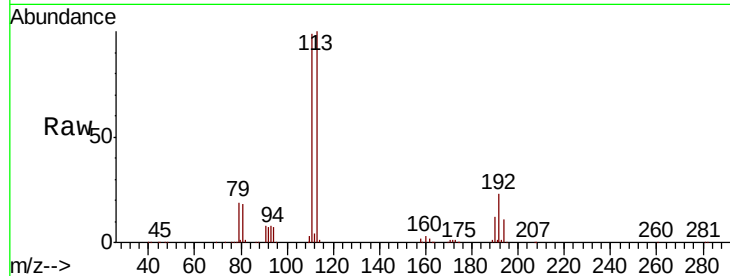




#35
 Dibromofluoromethane
 Concen: 54.628 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003304.D
 Acq: 22 Jul 2020 21:33

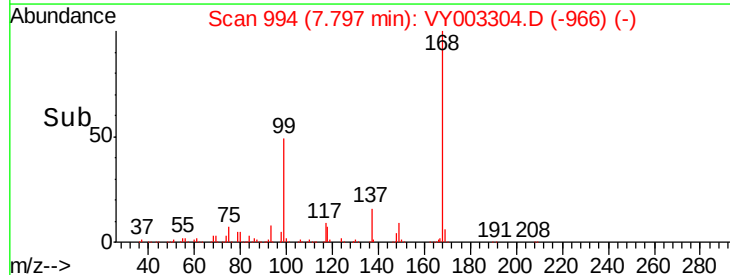
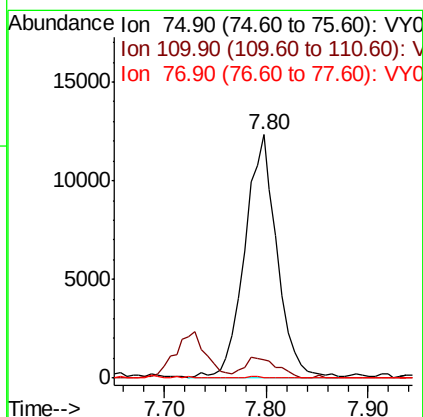
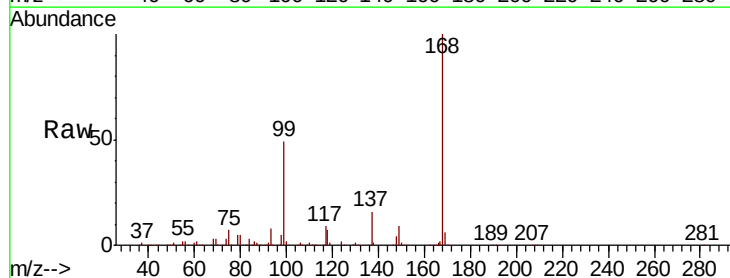
Instrument :
 MSVOA_Y
 ClientSampleId :
 21RE

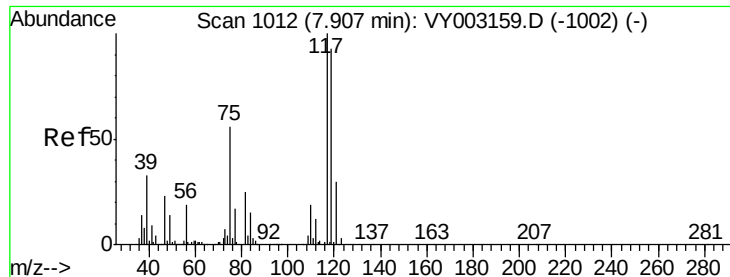
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.1	123.1
192	23.1	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 5.104 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003304.D
 Acq: 22 Jul 2020 21:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.1	54.1#
77	0.3	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.149 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003304.D

Acq: 22 Jul 2020 21:33

Instrument :

MSVOA_Y

ClientSampleId :

21RE

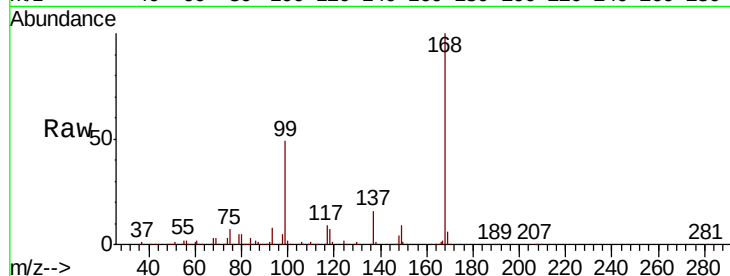
Tot Ion:117 Resp: 33868

Ion Ratio Lower Upper

117 100

119 5.9 74.5 111.7#

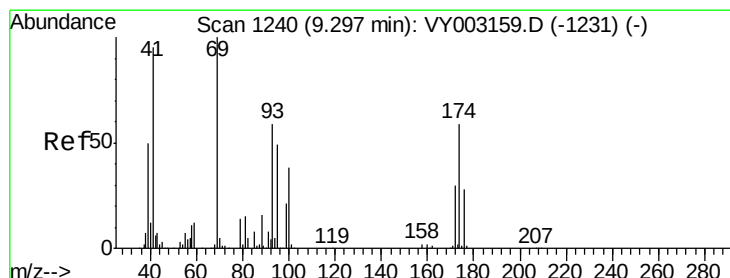
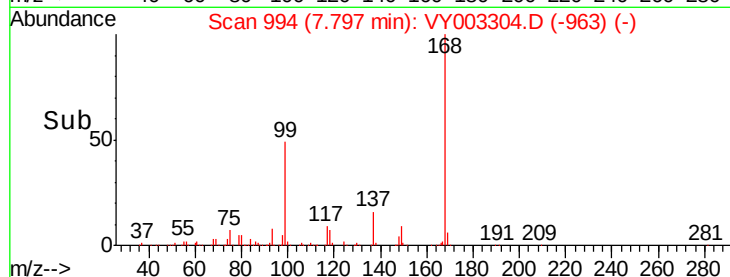
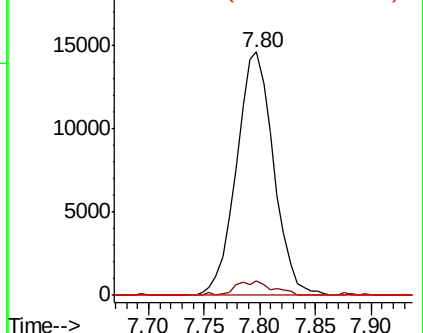
121 0.0 24.2 36.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 1.171 ug/l

RT: 9.17 min Scan# 1220

Delta R.T. -0.12 min

Lab File: VY003304.D

Acq: 22 Jul 2020 21:33

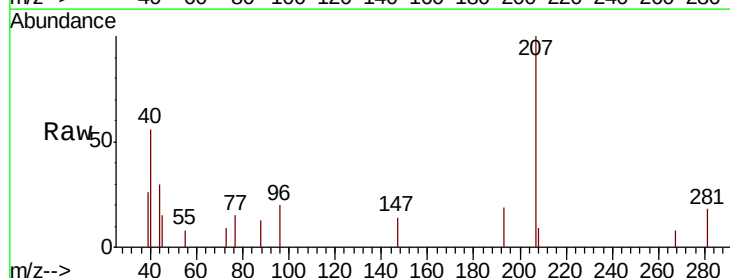
Tgt Ion: 88 Resp: 33

Ion Ratio Lower Upper

88 100

43 127.3 25.6 38.4#

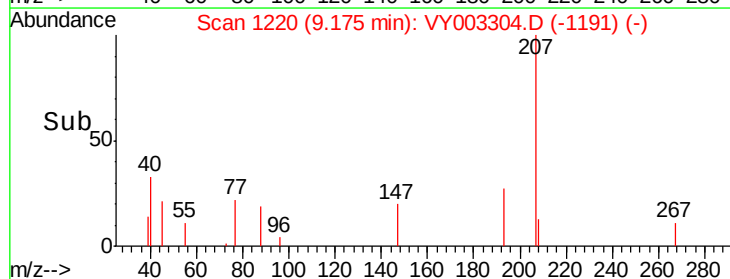
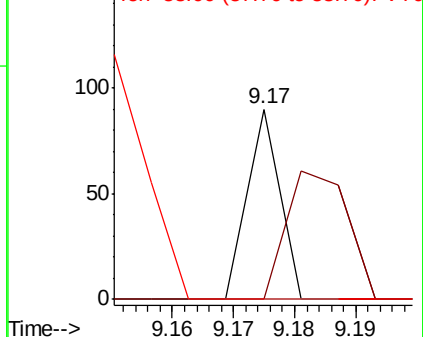
58 0.0 47.8 71.6#

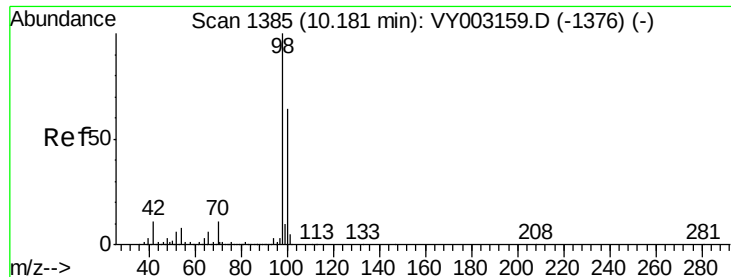


Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

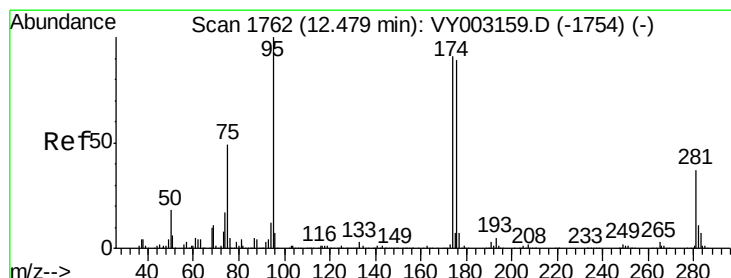
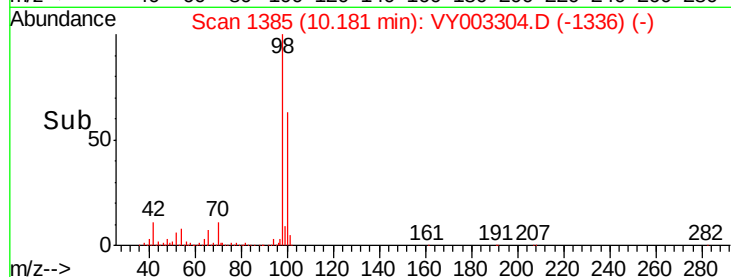
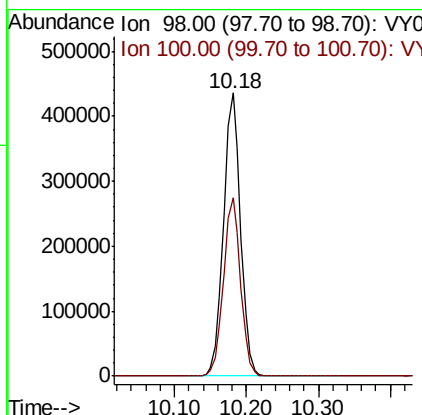
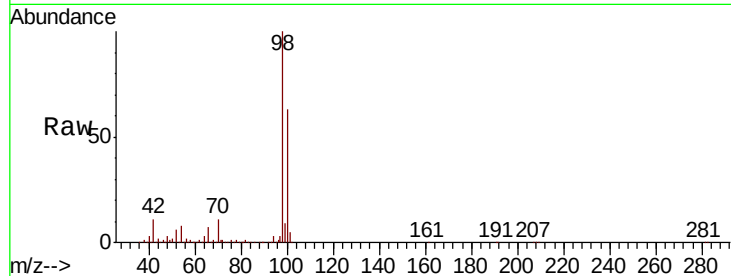




#50
Toluene-d8
Concen: 57.124 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003304.D
Acq: 22 Jul 2020 21:33

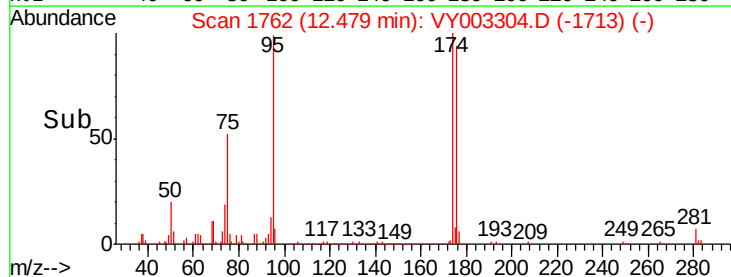
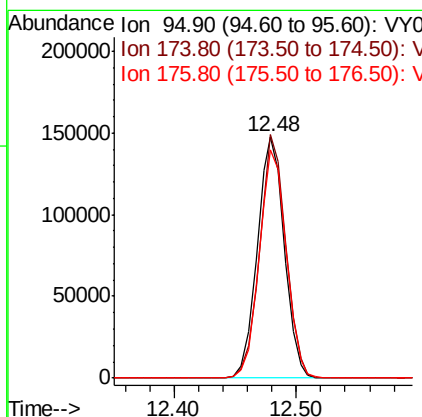
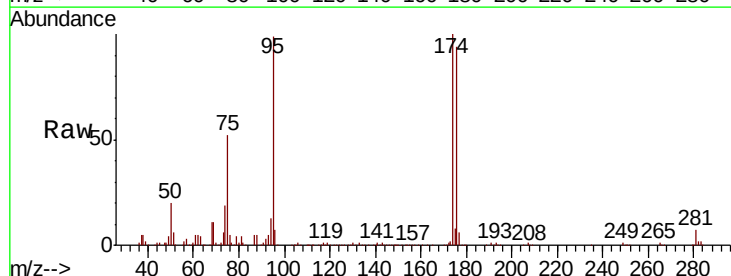
Instrument :
MSVOA_Y
ClientSampleId :
21RE

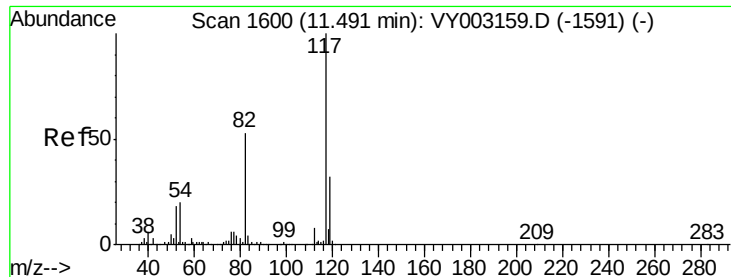
Tot Ion: 98 Resp: 719403
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 50.012 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003304.D
Acq: 22 Jul 2020 21:33

Tgt Ion: 95 Resp: 227536
Ion Ratio Lower Upper
95 100
174 97.6 0.0 190.6
176 94.5 0.0 186.4

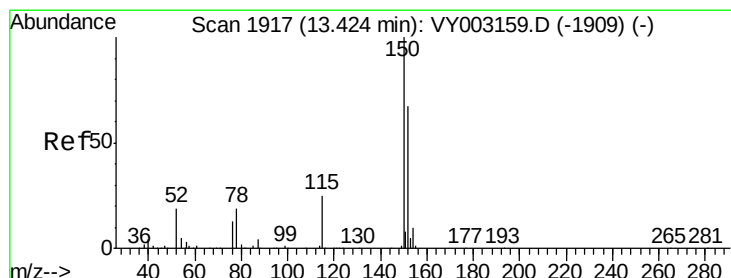
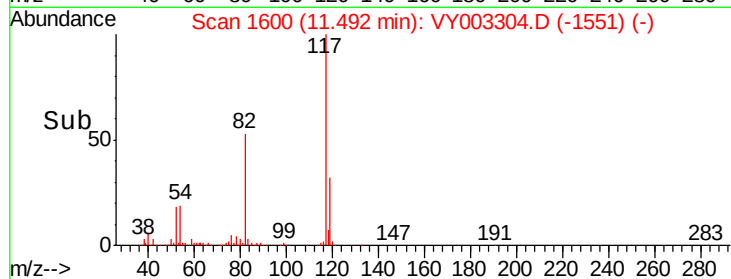
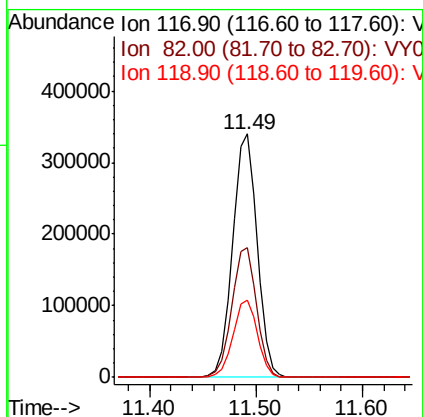
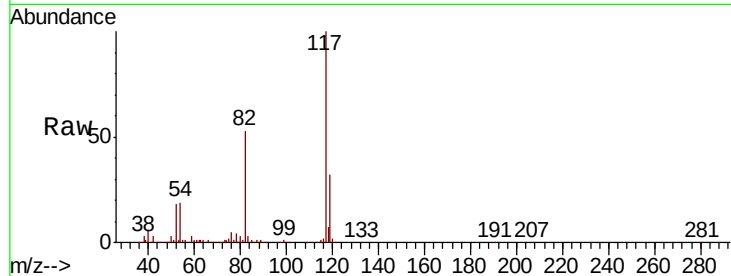




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003304.D
Acq: 22 Jul 2020 21:33

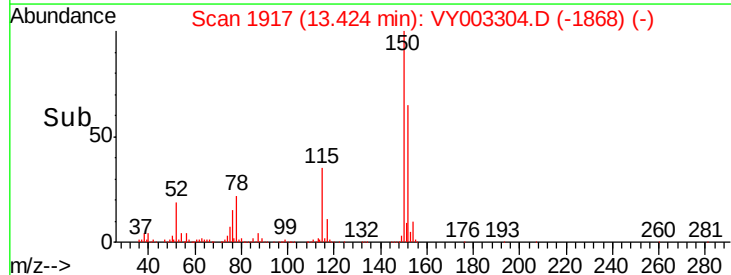
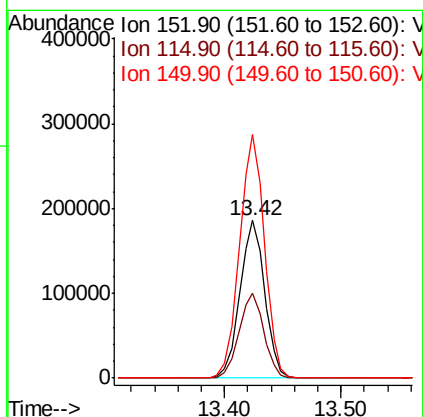
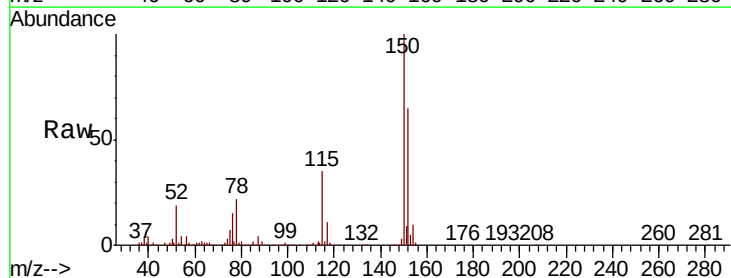
Instrument :
MSVOA_Y
ClientSampled :
21RE

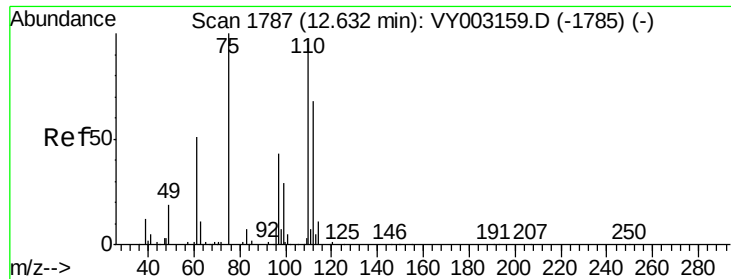
Tot Ion:117 Resp: 548946
Ion Ratio Lower Upper
117 100
82 53.2 42.0 63.0
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003304.D
Acq: 22 Jul 2020 21:33

Tgt Ion:152 Resp: 274149
Ion Ratio Lower Upper
152 100
115 54.2 26.9 80.7
150 155.6 0.0 338.0





#76

1,2,3-Trichloropropane

Concen: 48.597 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003304.D

Acq: 22 Jul 2020 21:33

Instrument :

MSVOA_Y

ClientSampleId :

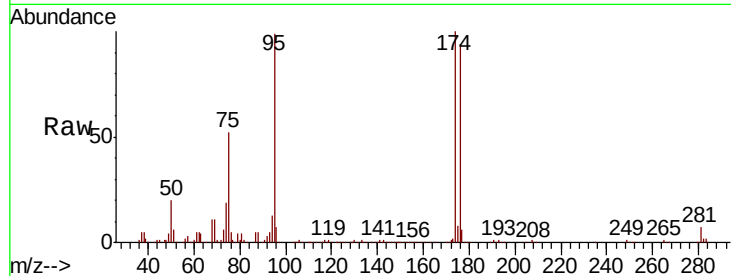
21RE

Tot Ion: 75 Resp: 117930

Ion Ratio Lower Upper

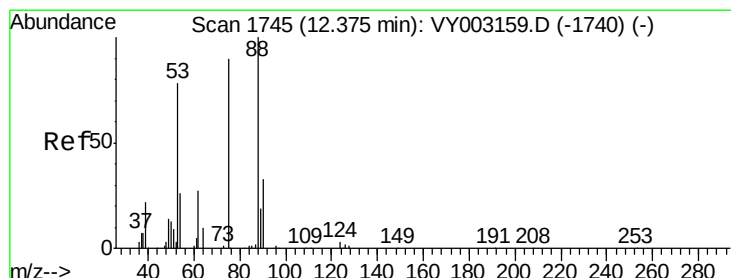
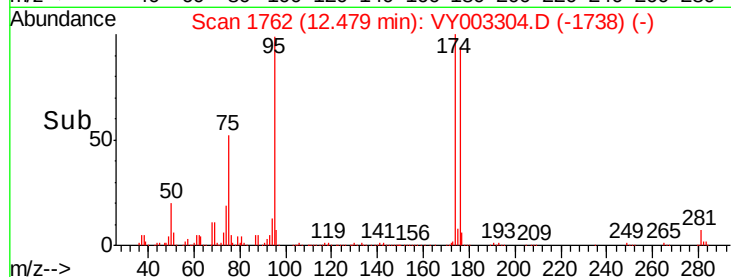
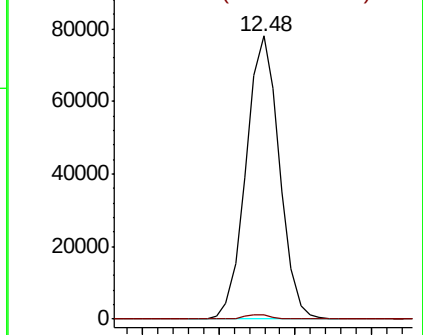
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#81

trans-1,4-Dichloro-2-butene

Concen: 94.579 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003304.D

Acq: 22 Jul 2020 21:33

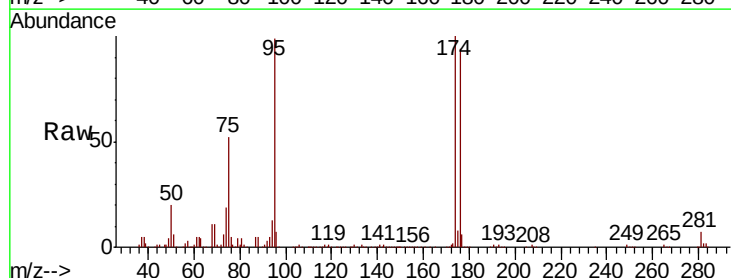
Tgt Ion: 75 Resp: 117930

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

89 0.4 37.3 55.9#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

