

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
 Data File : VY003298.D
 Acq On : 22 Jul 2020 19:09
 Operator : SY/MD
 Sample : L3308-14
 Misc : 5.09G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 14RE

Quant Time: Jul 23 05:44:56 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

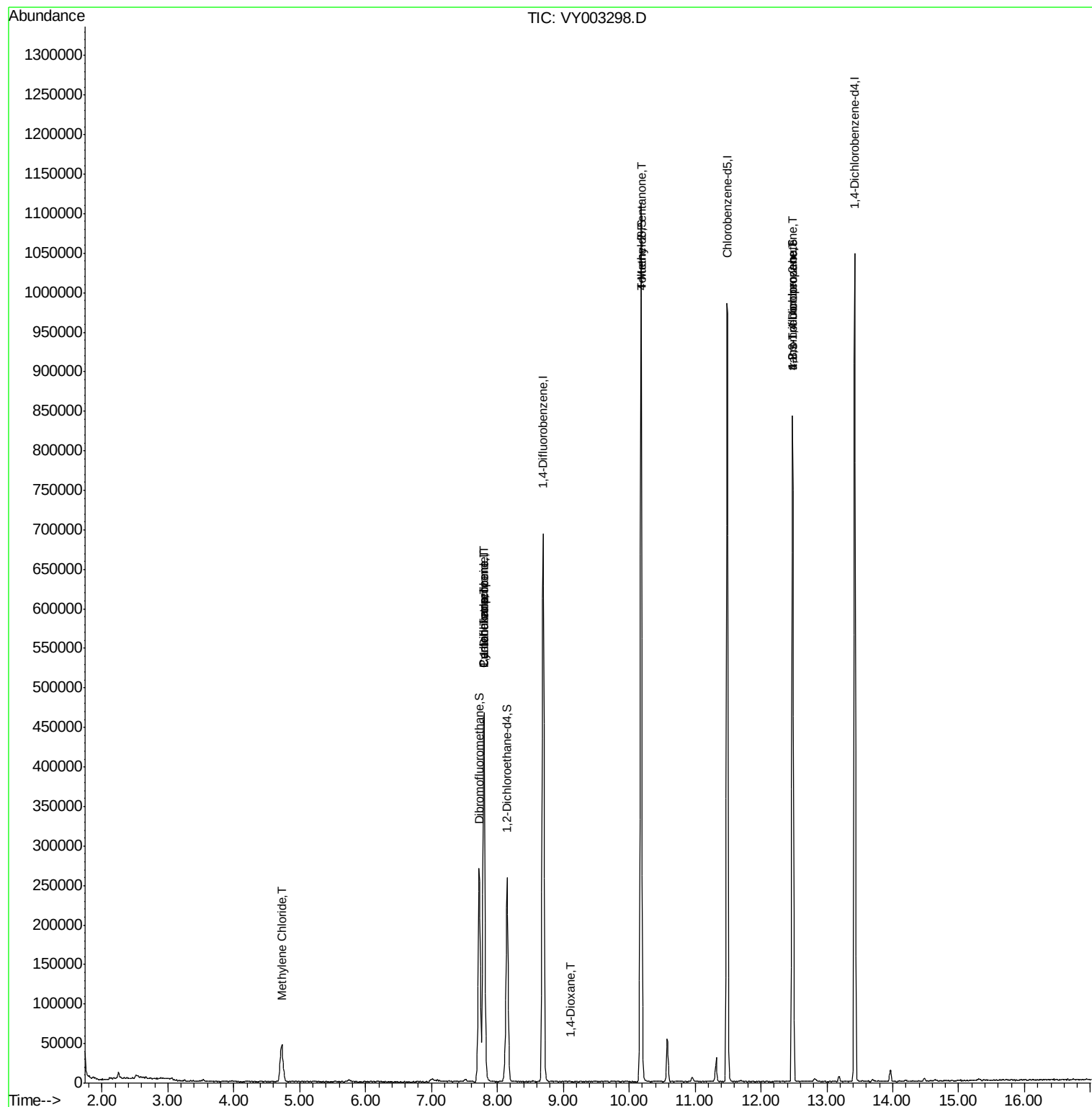
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	380463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	598546	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	550508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	265295	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	195396	60.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.70%	
35) Dibromofluoromethane	7.72	113	187228	54.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.72%	
50) Toluene-d8	10.18	98	727696	56.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.64%	
62) 4-Bromofluorobenzene	12.48	95	232926	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.73	84	35237	4.795	ug/l	94
31) Cyclohexane	7.80	56	6634	1.136	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	27356	5.043	ug/l #	50
38) Carbon Tetrachloride	7.80	117	34277	6.121	ug/l #	17
49) 1,4-Dioxane	9.11	88	48	1.675	ug/l #	1
51) 4-Methyl-2-Pentanone	10.18	43	3069	1.044	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	119005	50.677	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	119005	98.627	ug/l #	13

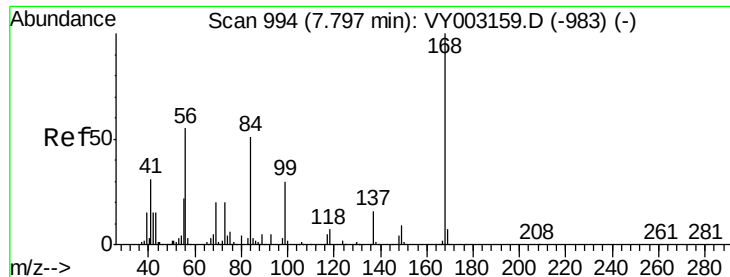
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003298.D

Acq: 22 Jul 2020 19:09

Instrument :

MSVOA_Y

ClientSampleId :

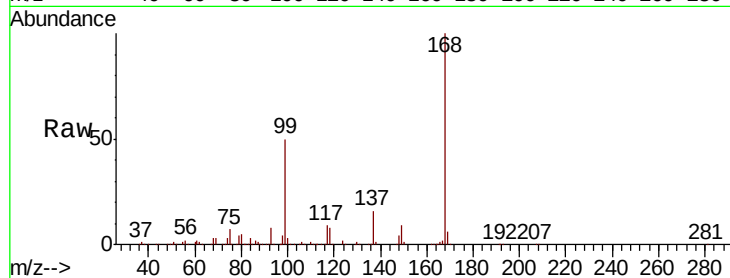
14RE

Tot Ion:168 Resp: 380463

Ion Ratio Lower Upper

168 100

99 49.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

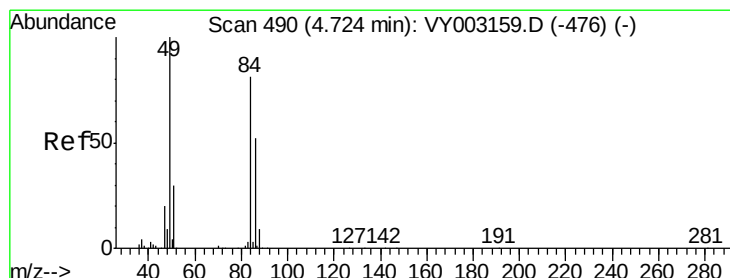
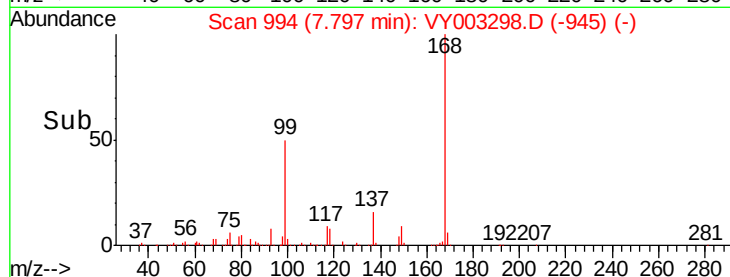
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 4.795 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY003298.D

Acq: 22 Jul 2020 19:09

Tgt Ion: 84 Resp: 35237

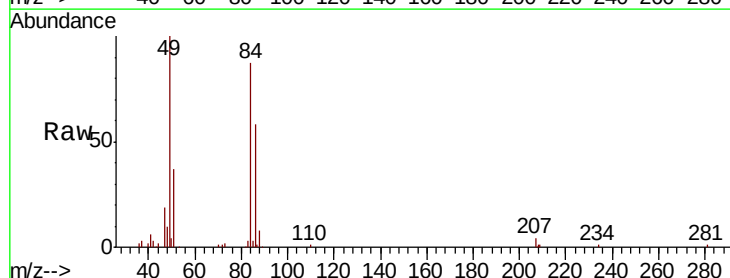
Ion Ratio Lower Upper

84 100

49 115.5 98.2 147.4

51 43.0 29.8 44.6

86 67.0 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VY003159.D (-476) (-)

Ion 48.90 (48.60 to 49.60): VY003159.D (-476) (-)

Ion 50.90 (50.60 to 51.60): VY003159.D (-476) (-)

Ion 85.90 (85.60 to 86.60): VY003159.D (-476) (-)

20000

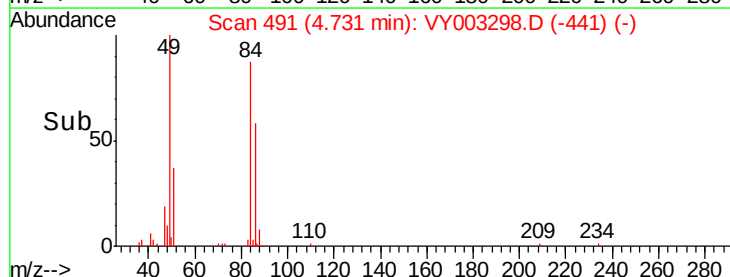
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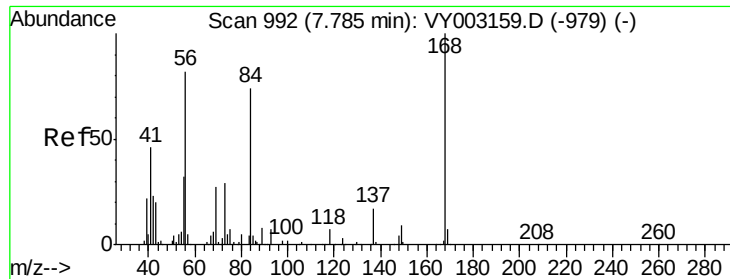
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0

Time-->

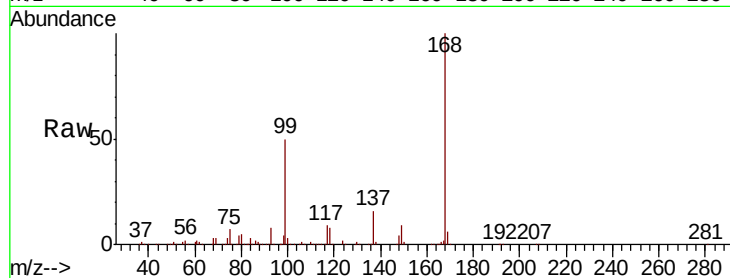




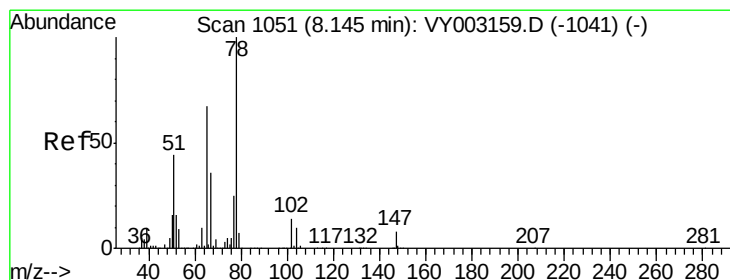
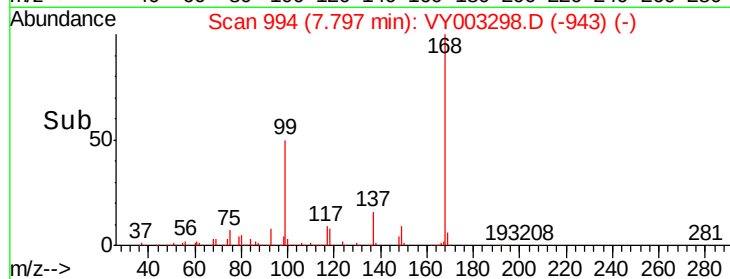
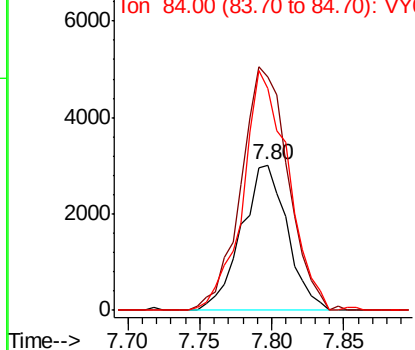
#31
Cyclohexane
Concen: 1.136 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003298.D
Acq: 22 Jul 2020 19:09

Instrument :
MSVOA_Y
ClientSampleId :
14RE

Tot Ion: 56 Resp: 6634
Ion Ratio Lower Upper
56 100
69 161.0 26.7 40.1#
84 156.8 72.3 108.5#

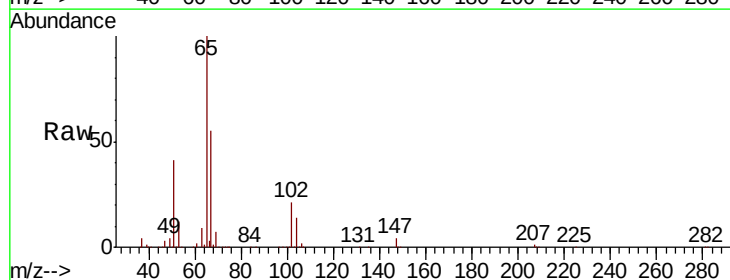


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

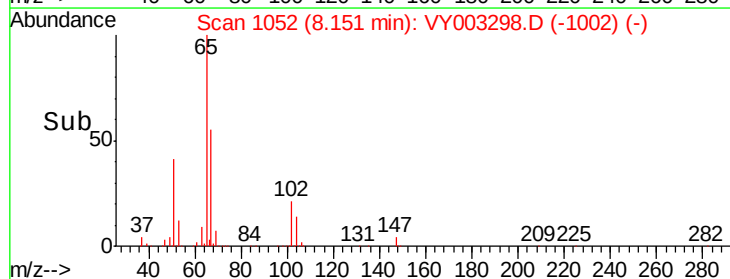
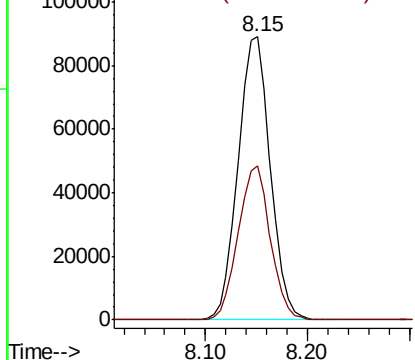


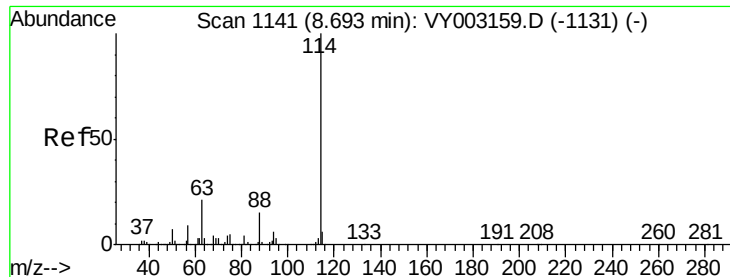
#33
1,2-Dichloroethane-d4
Concen: 60.848 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003298.D
Acq: 22 Jul 2020 19:09

Tgt Ion: 65 Resp: 195396
Ion Ratio Lower Upper
65 100
67 54.2 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

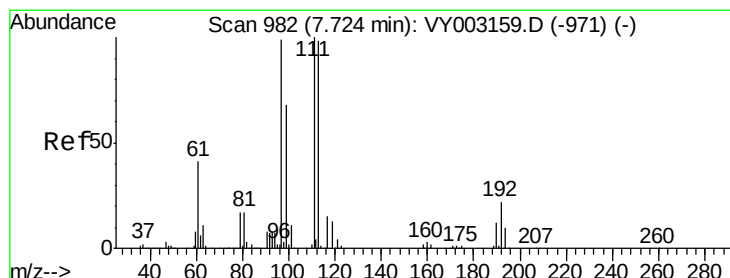
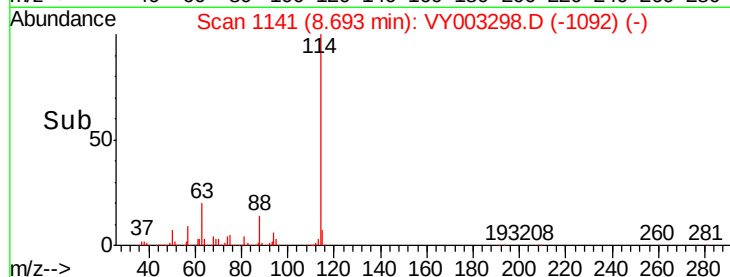
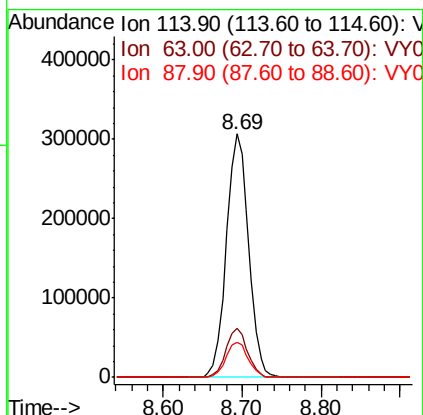
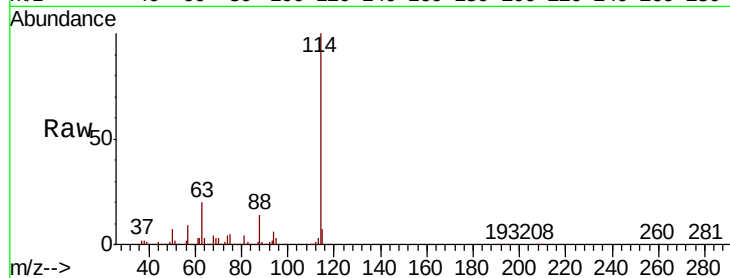




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003298.D
 Acq: 22 Jul 2020 19:09

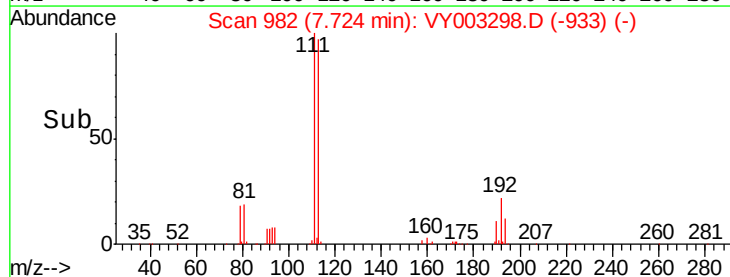
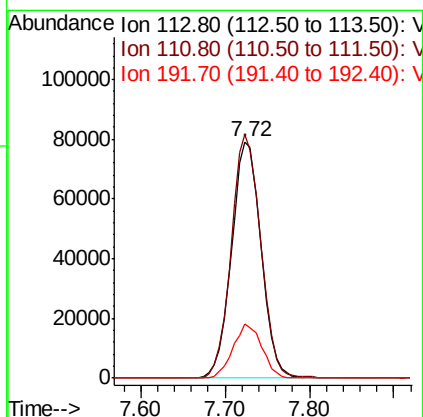
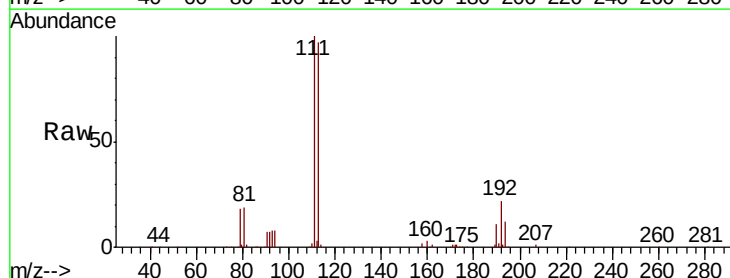
Instrument :
 MSVOA_Y
 ClientSampleId :
 14RE

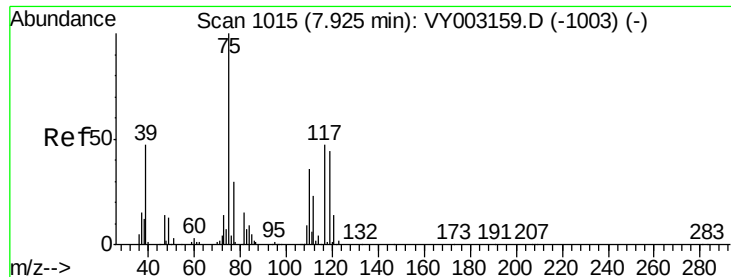
Tot Ion:114 Resp: 598546
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.2
 88 14.5 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 54.356 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003298.D
 Acq: 22 Jul 2020 19:09

Tgt Ion:113 Resp: 187228
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.1 123.1
 192 22.6 18.8 28.2

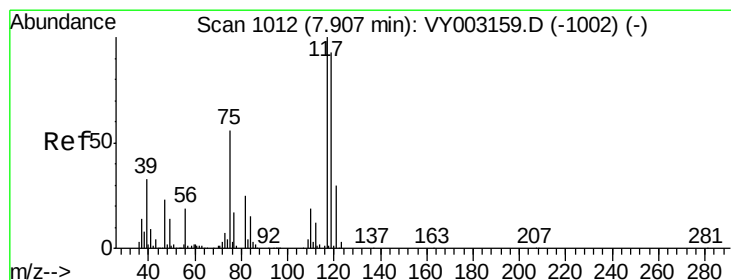
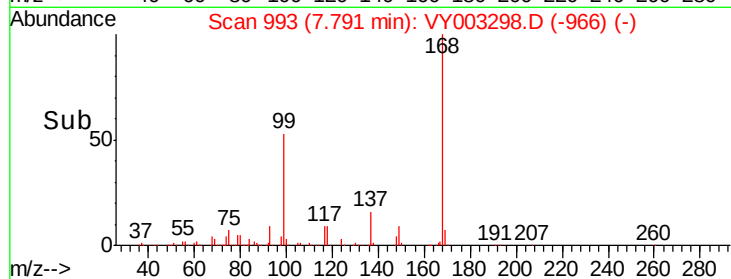
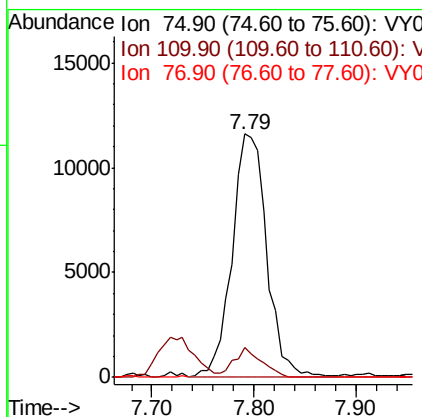
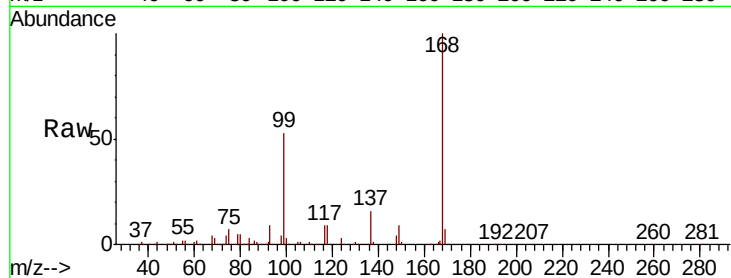




#36
 1,1-Dichloropropene
 Concen: 5.043 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY003298.D
 Acq: 22 Jul 2020 19:09

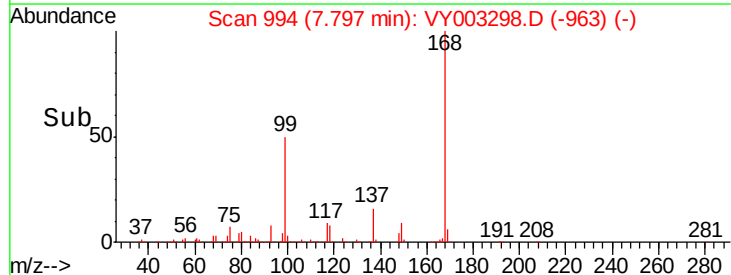
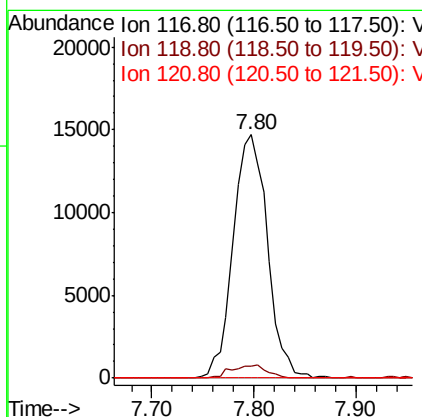
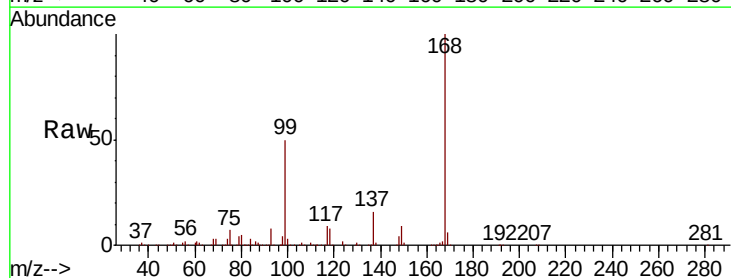
Instrument :
 MSVOA_Y
 ClientSampleId :
 14RE

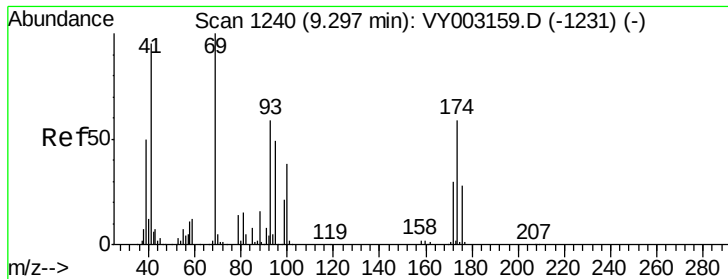
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.1	54.1#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.121 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY003298.D
 Acq: 22 Jul 2020 19:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	74.5	111.7#
121	0.0	24.2	36.2#

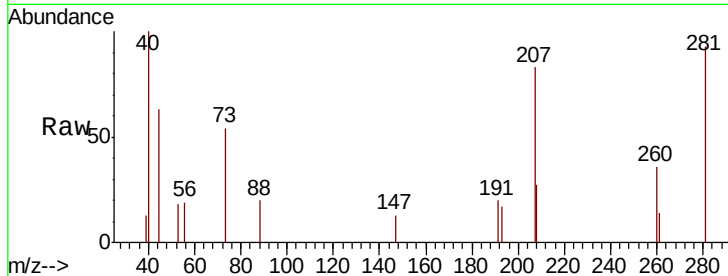




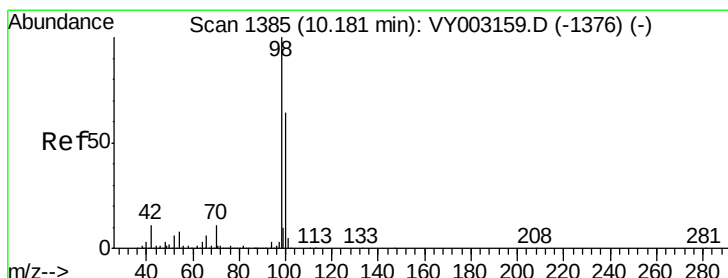
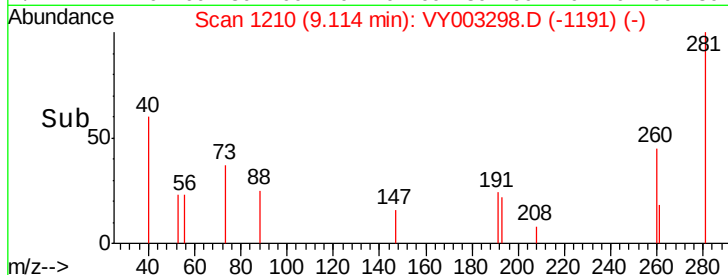
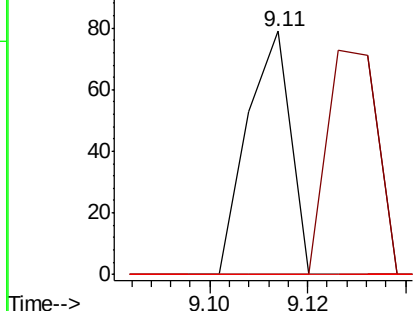
#49
 1,4-Dioxane
 Concen: 1.675 ug/l
 RT: 9.11 min Scan# 1210
 Delta R.T. -0.18 min
 Lab File: VY003298.D
 Acq: 22 Jul 2020 19:09

Instrument :
 MSVOA_Y
 ClientSampled :
 14RE

Tot Ion: 88 Resp: 48
 Ion Ratio Lower Upper
 88 100
 43 110.4 25.6 38.4#
 58 0.0 47.8 71.6#

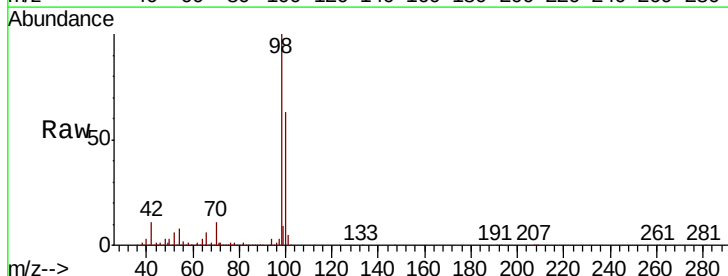


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

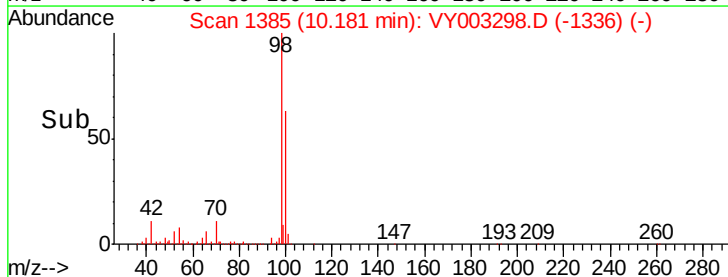
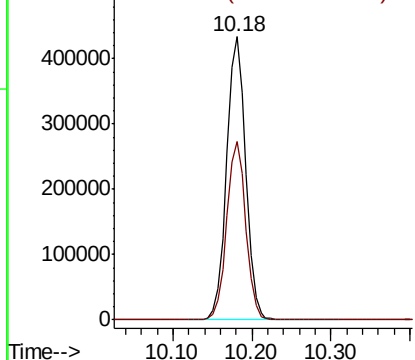


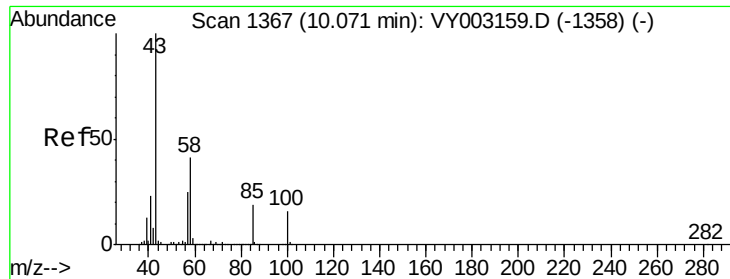
#50
 Toluene-d8
 Concen: 56.824 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY003298.D
 Acq: 22 Jul 2020 19:09

Tgt Ion: 98 Resp: 727696
 Ion Ratio Lower Upper
 98 100
 100 62.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 1.044 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.11 min

Lab File: VY003298.D

Acq: 22 Jul 2020 19:09

Instrument :

MSVOA_Y

ClientSampled :

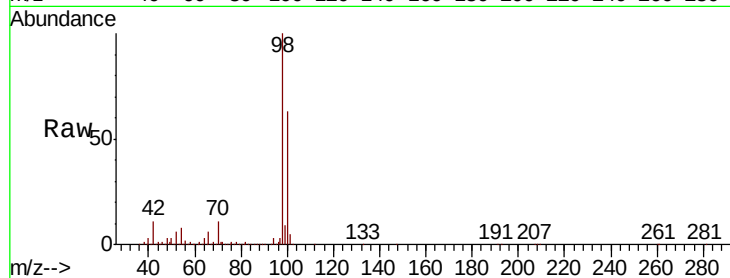
14RE

Tot Ion: 43 Resp: 3069

Ion Ratio Lower Upper

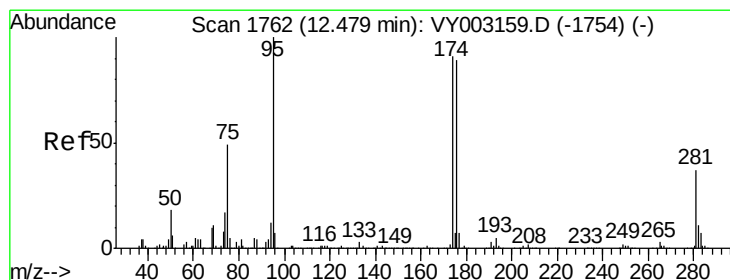
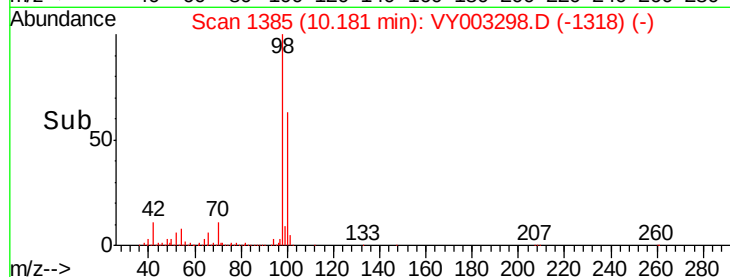
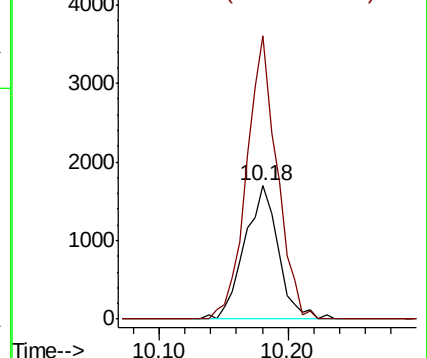
43 100

58 191.1 32.7 49.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 50.348 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003298.D

Acq: 22 Jul 2020 19:09

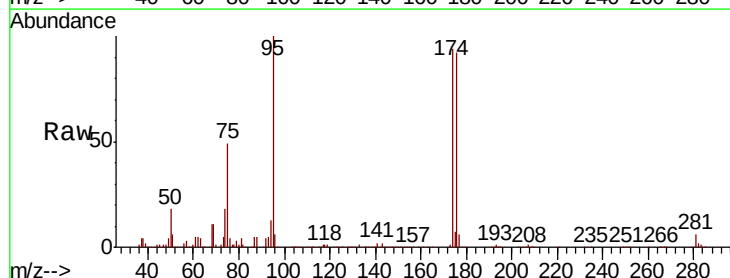
Tgt Ion: 95 Resp: 232926

Ion Ratio Lower Upper

95 100

174 94.8 0.0 190.6

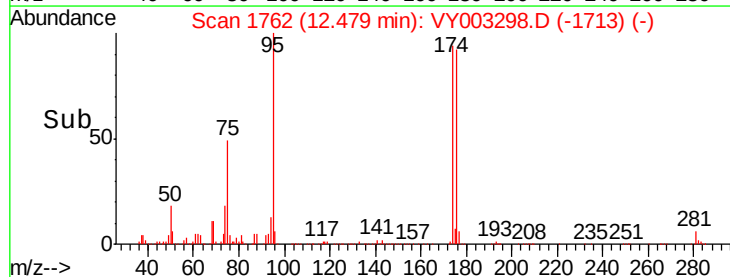
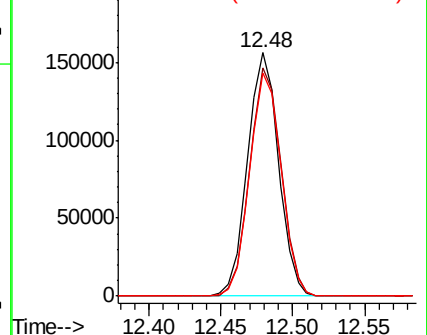
176 92.7 0.0 186.4

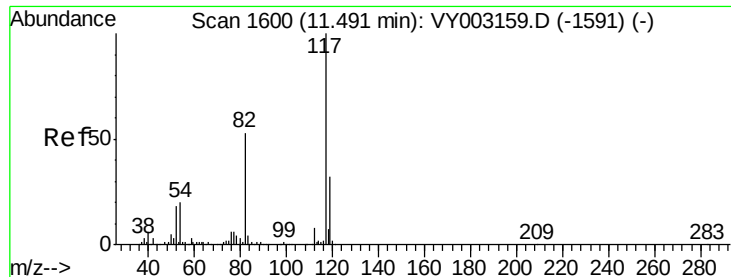


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

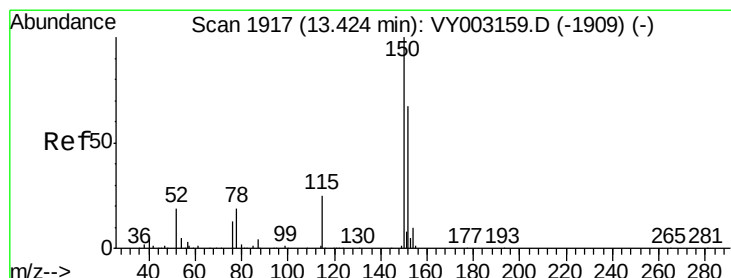
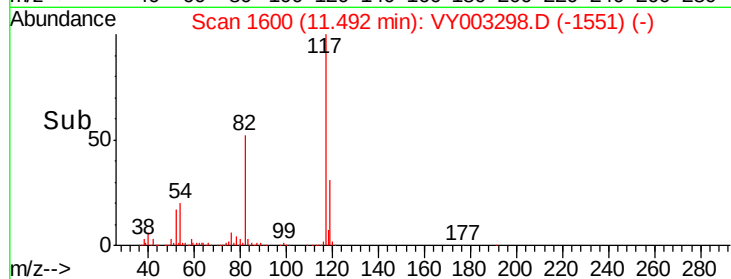
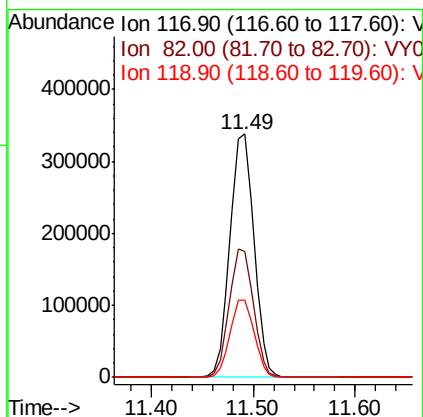
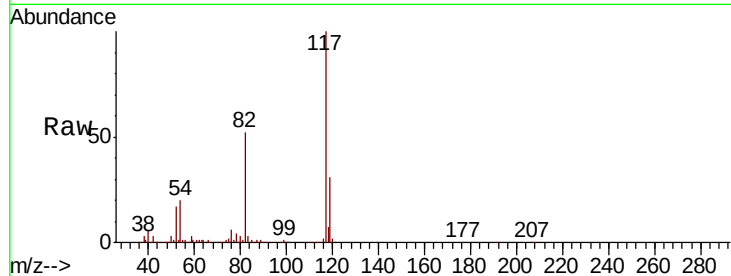




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003298.D
Acq: 22 Jul 2020 19:09

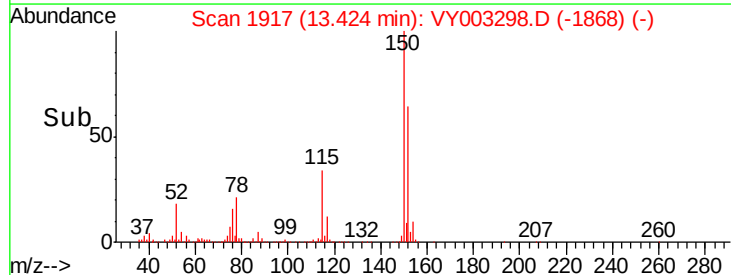
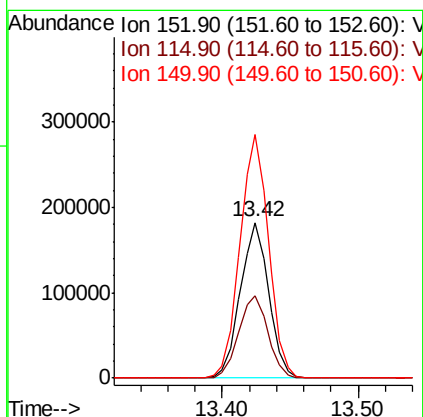
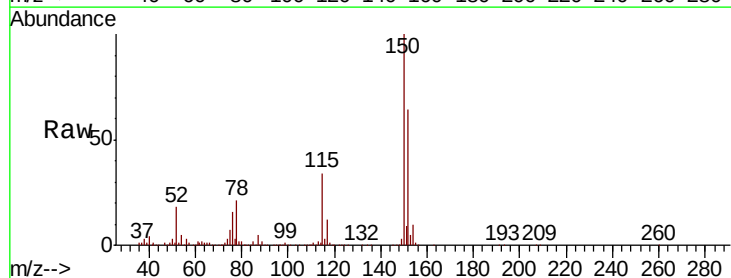
Instrument :
MSVOA_Y
ClientSampled :
14RE

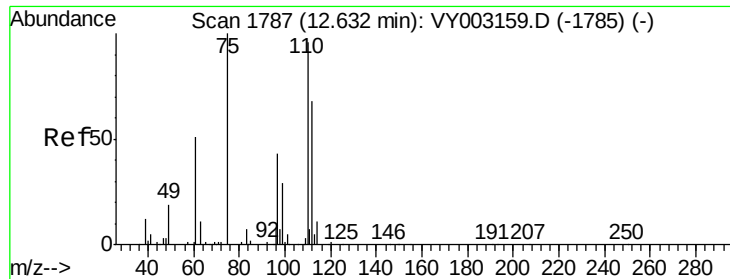
Tot Ion:117 Resp: 550508
Ion Ratio Lower Upper
117 100
82 51.9 42.0 63.0
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003298.D
Acq: 22 Jul 2020 19:09

Tgt Ion:152 Resp: 265295
Ion Ratio Lower Upper
152 100
115 54.6 26.9 80.7
150 157.4 0.0 338.0





#76

1,2,3-Trichloropropane

Concen: 50.677 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003298.D

Acq: 22 Jul 2020 19:09

Instrument :

MSVOA_Y

ClientSampleId :

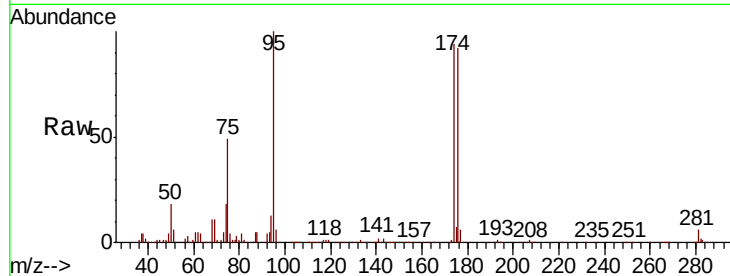
14RE

Tot Ion: 75 Resp: 119005

Ion Ratio Lower Upper

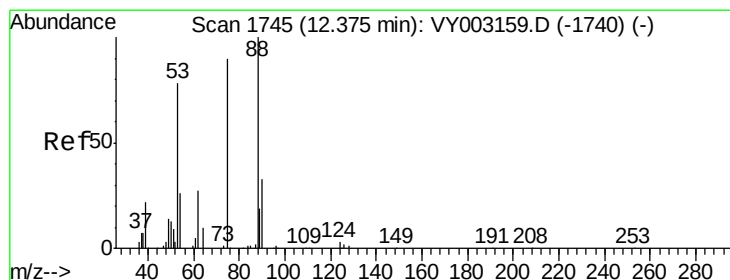
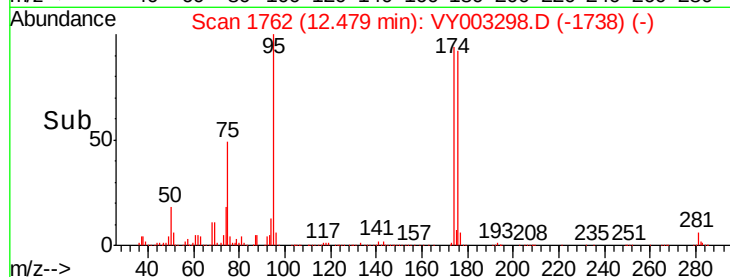
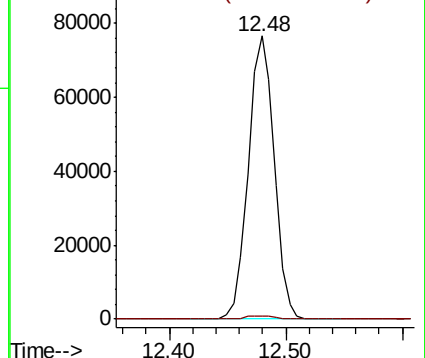
75 100

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: 98.627 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003298.D

Acq: 22 Jul 2020 19:09

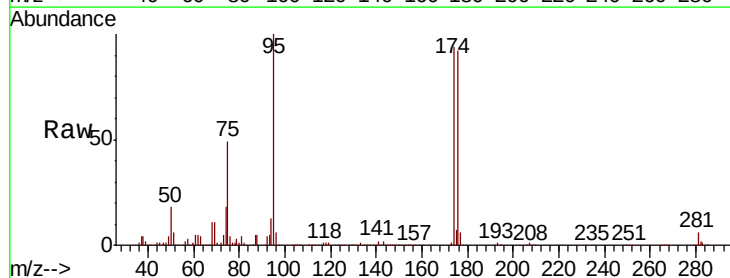
Tgt Ion: 75 Resp: 119005

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

89 0.1 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

