

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
 Data File : VY003392.D
 Acq On : 31 Jul 2020 16:21
 Operator : SY/MD
 Sample : L3491-11
 Misc : 8.95G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 01 01:27:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

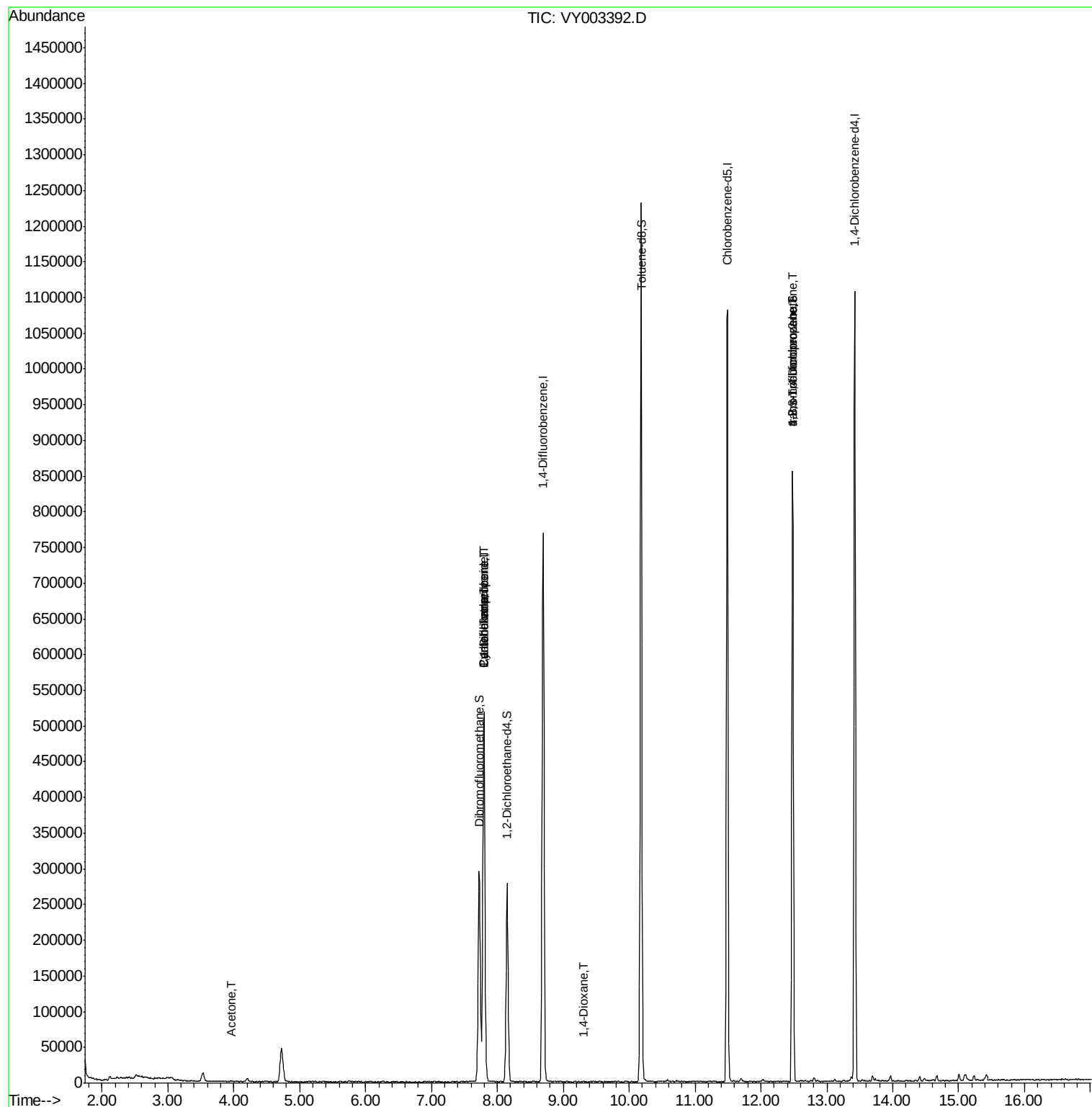
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	425340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	660701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	604220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	287406	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	213704	52.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.68%	
35) Dibromofluoromethane	7.72	113	205874	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
50) Toluene-d8	10.18	98	805328	52.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.68%	
62) 4-Bromofluorobenzene	12.48	95	252126	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.96	59	142	Below Cal	#	73
16) Acetone	3.96	43	1655	1.656	ug/l #	88
20) Methylene Chloride	4.72	84	36468	Below Cal		87
31) Cyclohexane	7.79	56	7463	1.041	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	30007	4.799	ug/l #	49
38) Carbon Tetrachloride	7.80	117	39281	6.106	ug/l #	16
49) 1,4-Dioxane	9.30	88	54	1.637	ug/l #	59
76) 1,2,3-Trichloropropane	12.48	75	129366	50.105	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	129366	94.760	ug/l #	15

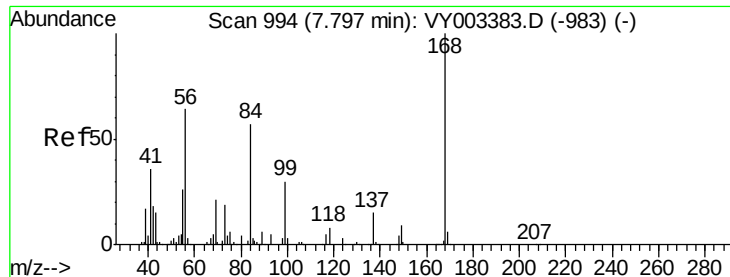
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
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MSVOA_Y
ClientSampleId :

Quant Time: Aug 01 01:27:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 31 13:09:26 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: VY003392.D

Acq: 31 Jul 2020 16:21

Instrument :

MSVOA_Y

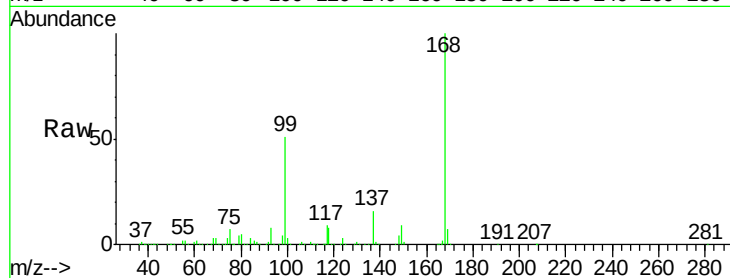
ClientSampleId :

Tot Ion:168 Resp: 425340

Ion Ratio Lower Upper

168 100

99 50.6 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY003392.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003392.D (-945) (-)

7.80

200000

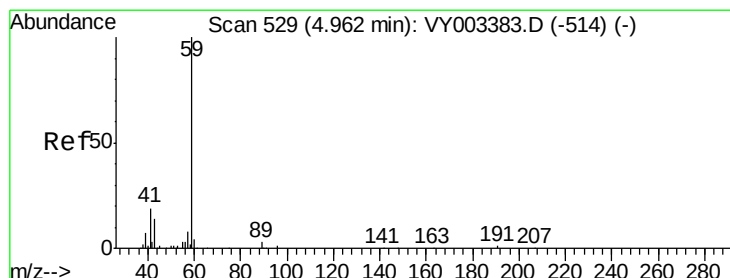
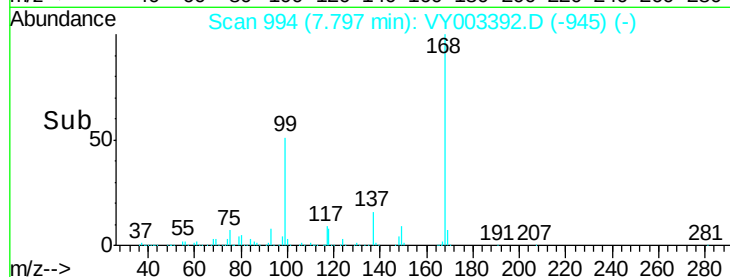
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.96 min Scan# 528

Delta R.T. -0.01 min

Lab File: VY003392.D

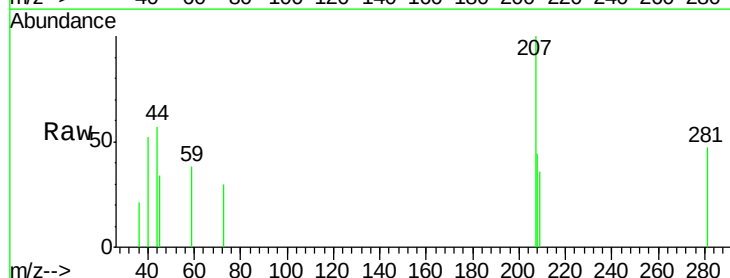
Acq: 31 Jul 2020 16:21

Tgt Ion: 59 Resp: 142

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VY003392.D (-480) (-)

Ion 57.00 (56.70 to 57.70): VY003392.D (-480) (-)

4.96

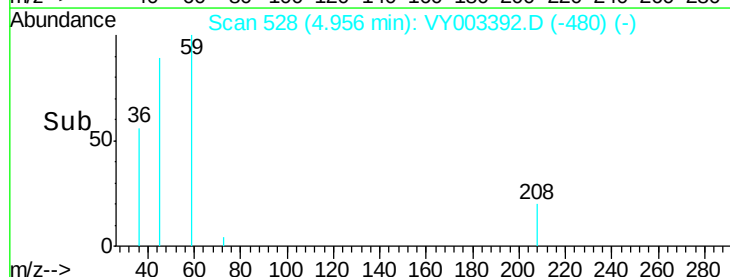
150

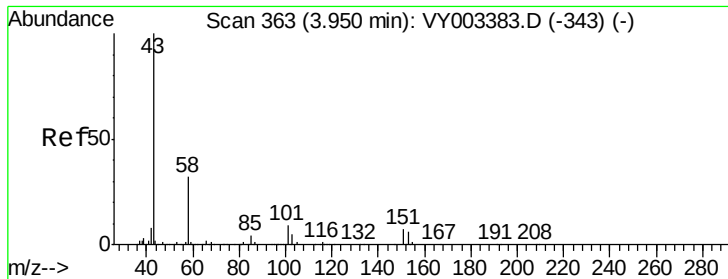
100

50

0

Time-->

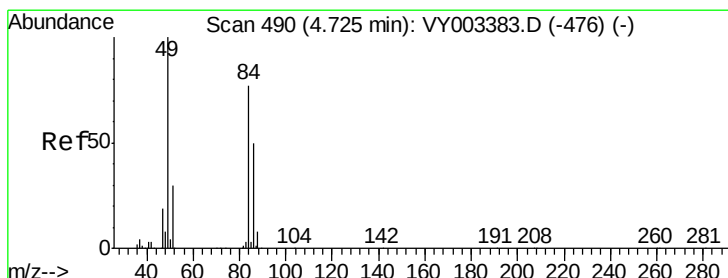
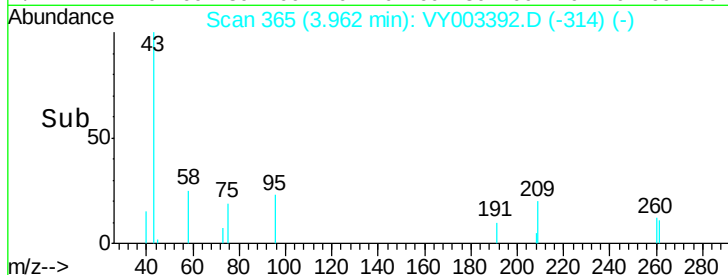
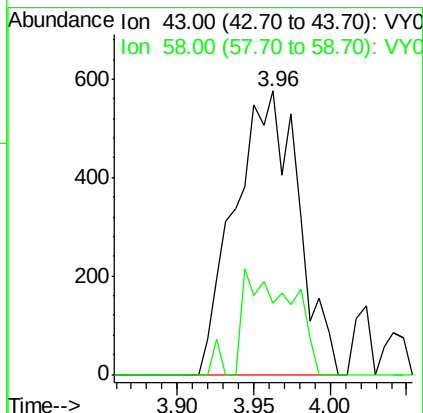
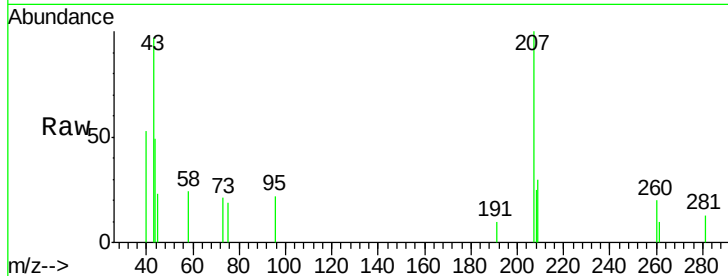




#16
Acetone
Concen: 1.656 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY003392.D
Acq: 31 Jul 2020 16:21

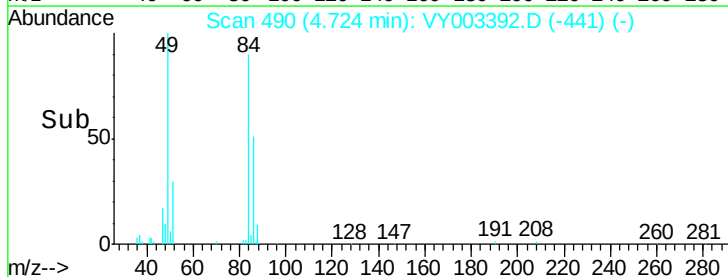
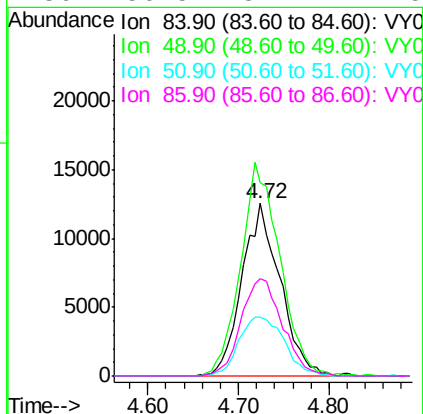
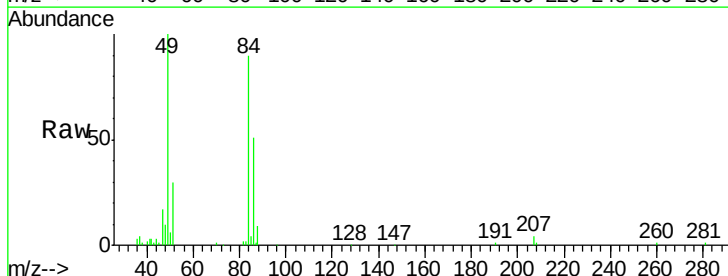
Instrument :
MSVOA_Y
ClientSampleId :

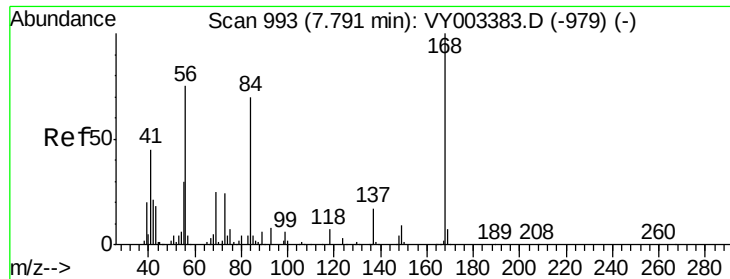
Tot Ion: 43 Resp: 1655
Ion Ratio Lower Upper
43 100
58 25.0 25.4 38.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003392.D
Acq: 31 Jul 2020 16:21

Tgt Ion: 84 Resp: 36468
Ion Ratio Lower Upper
84 100
49 111.7 104.2 156.4
51 34.0 31.5 47.3
86 56.5 51.7 77.5

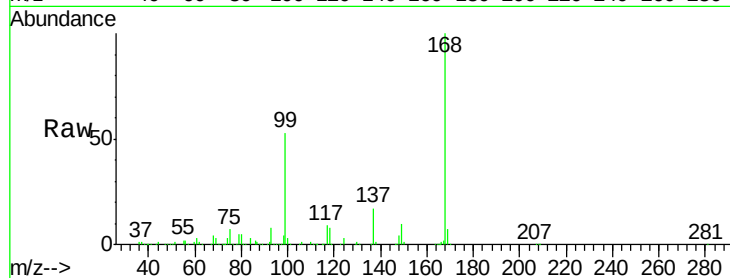




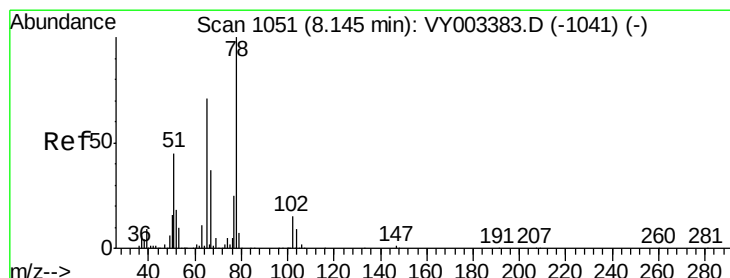
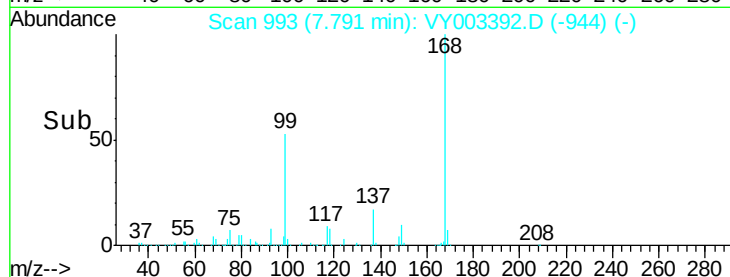
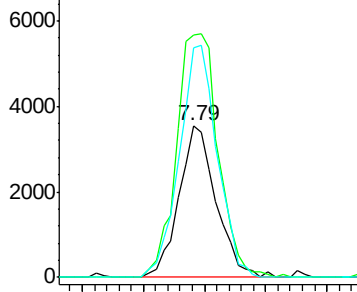
#31
Cyclohexane
Concen: 1.041 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003392.D
Acq: 31 Jul 2020 16:21

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 7463
Ion Ratio Lower Upper
56 100
69 160.2 26.1 39.1#
84 151.6 73.9 110.9#

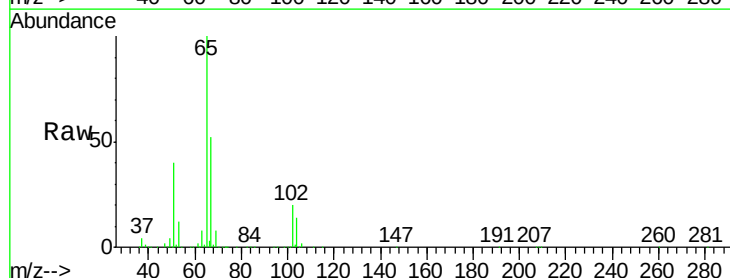


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

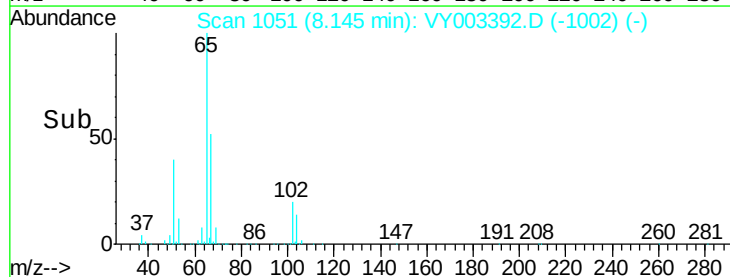
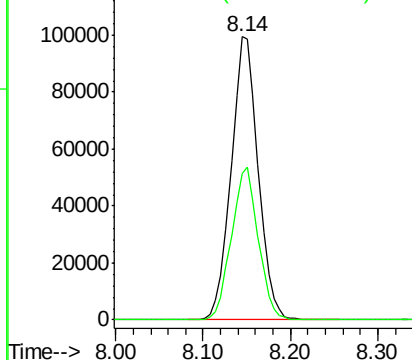


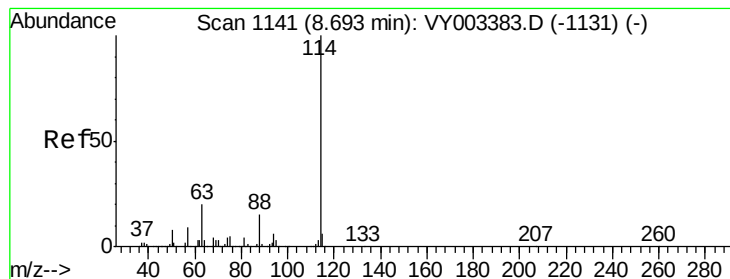
#33
1,2-Dichloroethane-d4
Concen: 52.842 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VY003392.D
Acq: 31 Jul 2020 16:21

Tgt Ion: 65 Resp: 213704
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.6



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: VY003392.D

Acq: 31 Jul 2020 16:21

Instrument :

MSVOA_Y

ClientSampleId :

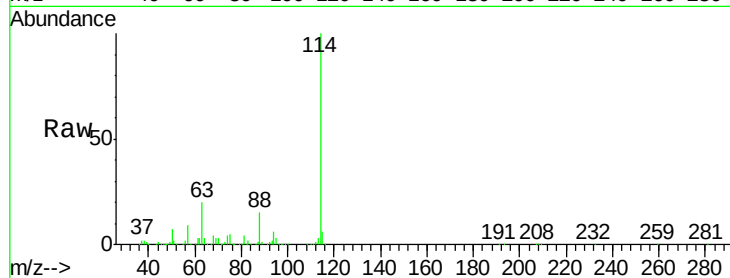
Tot Ion:114 Resp: 660701

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.6

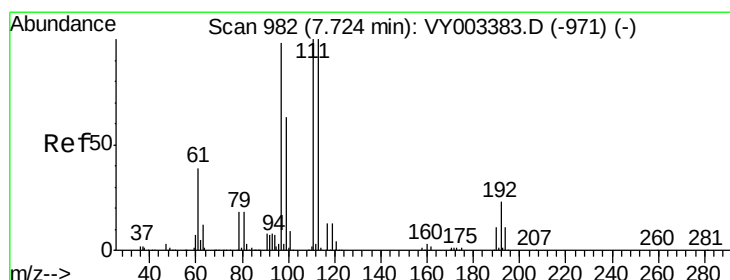
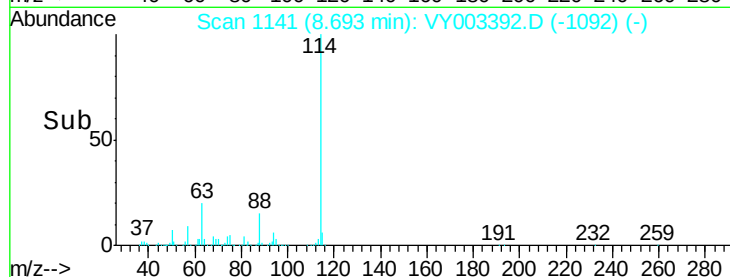
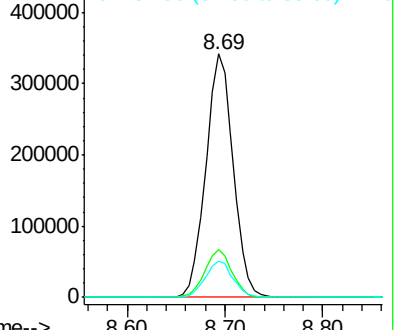
88 14.9 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 52.898 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003392.D

Acq: 31 Jul 2020 16:21

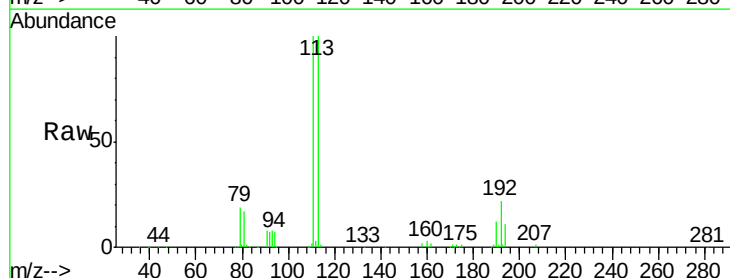
Tgt Ion:113 Resp: 205874

Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.4

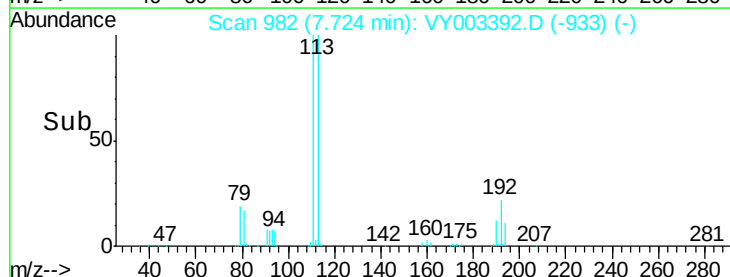
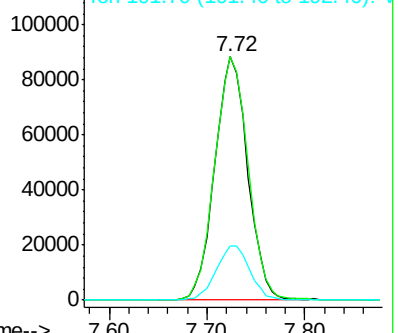
192 22.9 18.8 28.2

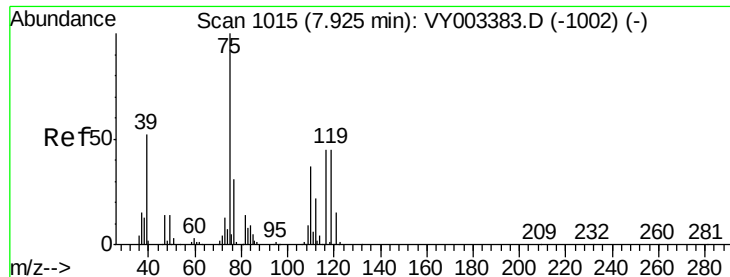


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

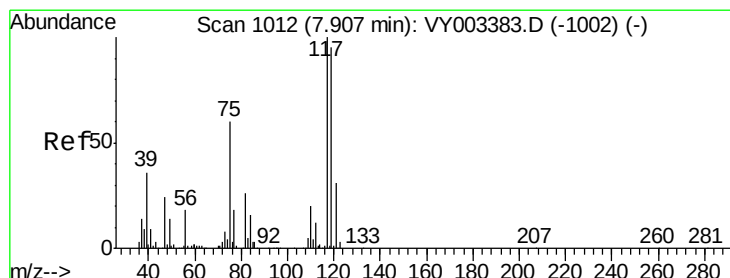
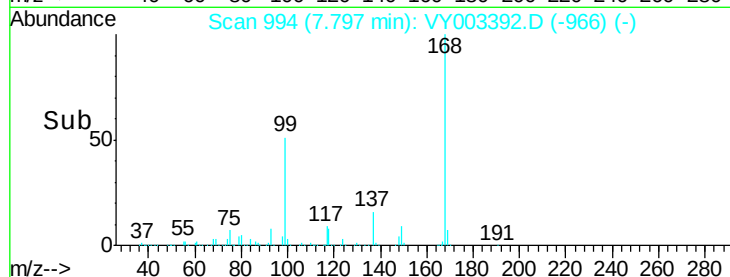
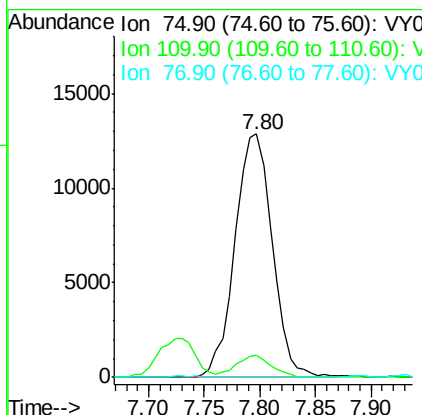
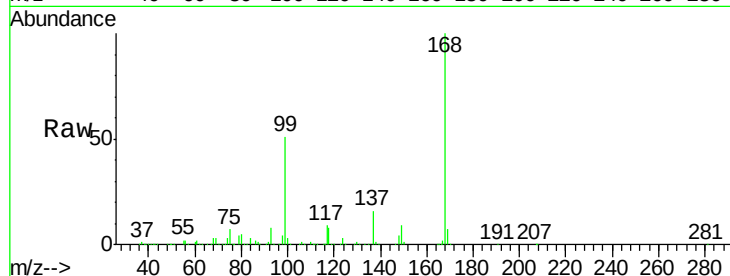




#36
 1,1-Dichloropropene
 Concen: 4.799 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003392.D
 Acq: 31 Jul 2020 16:21

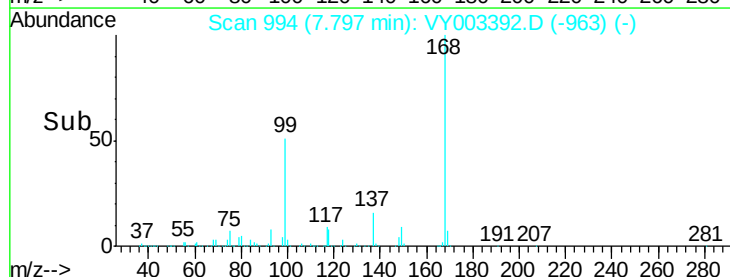
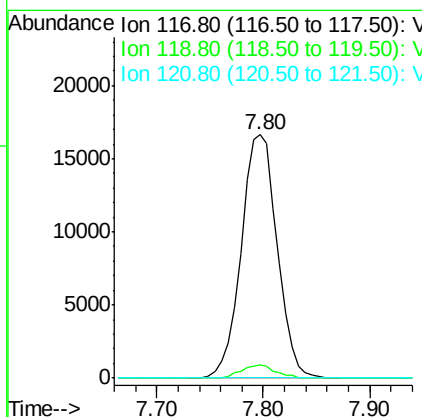
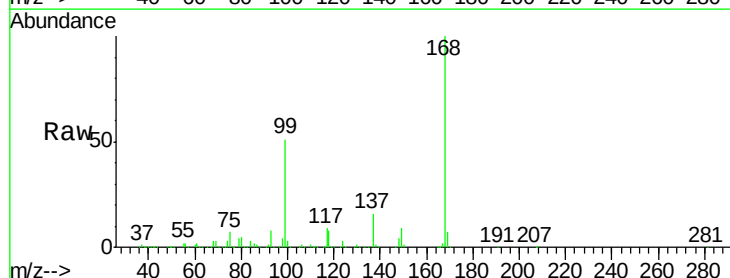
Instrument :
 MSVOA_Y
 ClientSampleId :

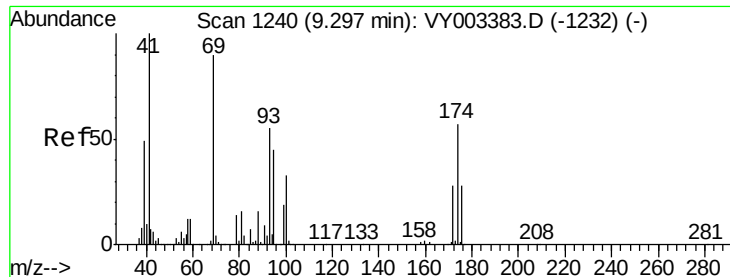
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.8	53.5#
77	0.1	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.106 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY003392.D
 Acq: 31 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.1	114.1#
121	0.0	24.5	36.7#

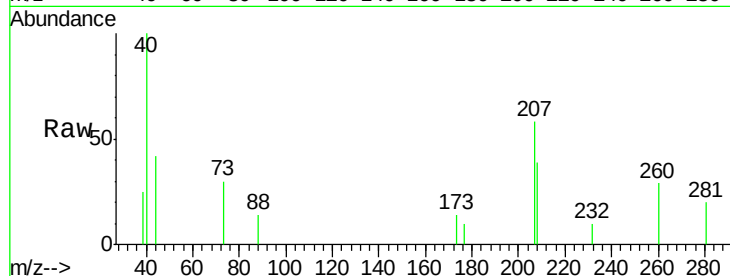




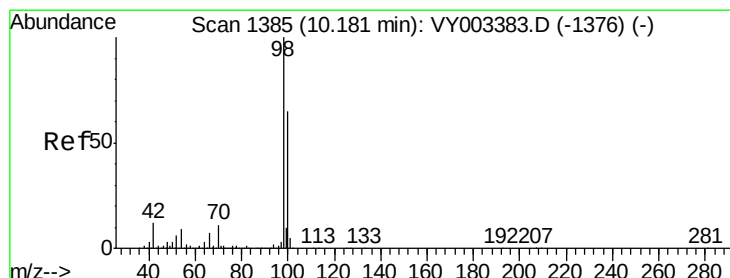
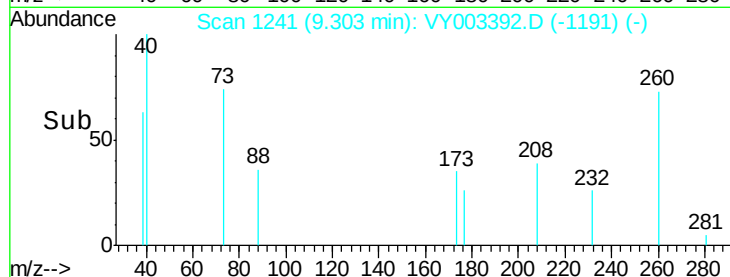
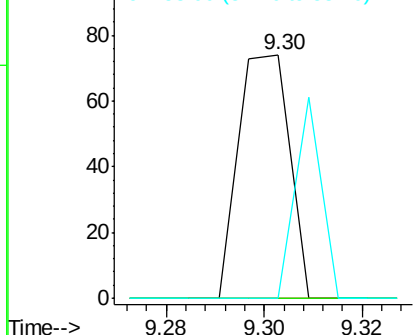
#49
1,4-Dioxane
Concen: 1.637 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003392.D
Acq: 31 Jul 2020 16:21

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
43 0.0 24.9 37.3#
58 40.7 54.3 81.5#

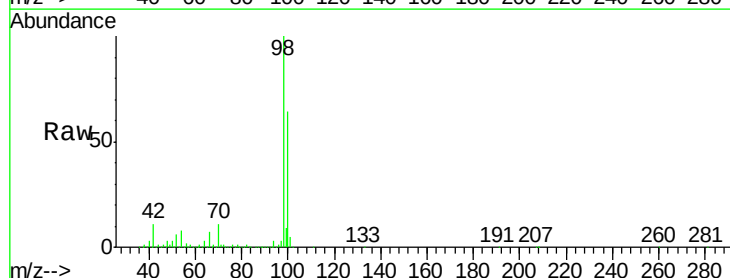


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

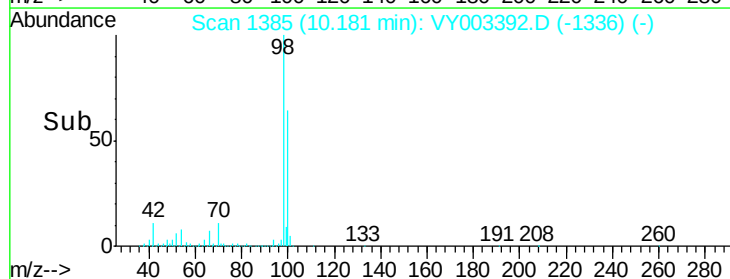
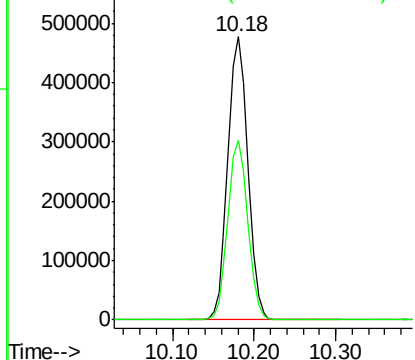


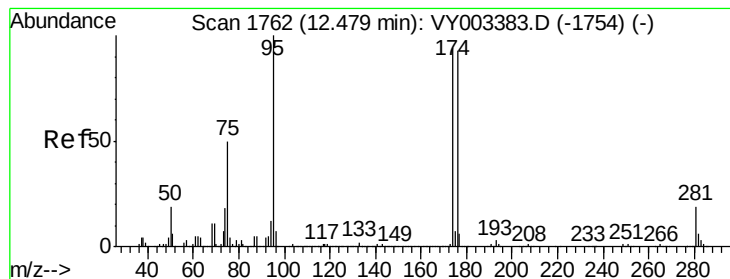
#50
Toluene-d8
Concen: 52.843 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003392.D
Acq: 31 Jul 2020 16:21

Tgt Ion: 98 Resp: 805328
Ion Ratio Lower Upper
98 100
100 63.1 51.3 76.9



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





#62

4-Bromofluorobenzene

Concen: 48.419 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003392.D

Acq: 31 Jul 2020 16:21

Instrument :

MSVOA_Y

ClientSampled :

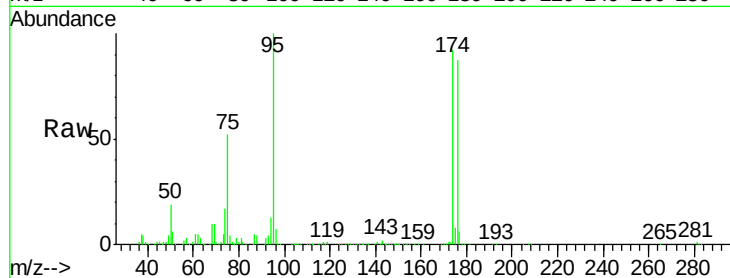
Tot Ion: 95 Resp: 252126

Ion Ratio Lower Upper

95 100

174 95.0 0.0 190.0

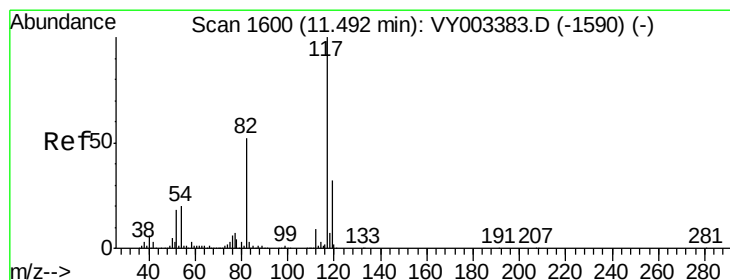
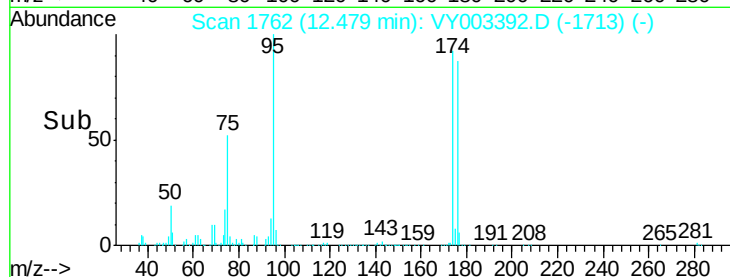
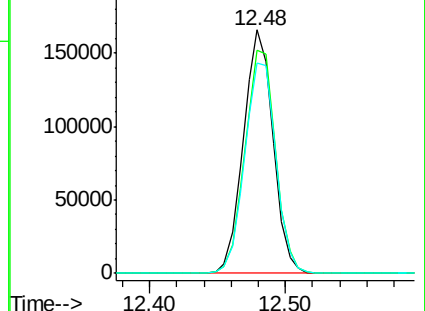
176 91.5 0.0 184.4



Abundance Ion 94.90 (94.60 to 95.60): VY003383.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY003383.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY003383.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003392.D

Acq: 31 Jul 2020 16:21

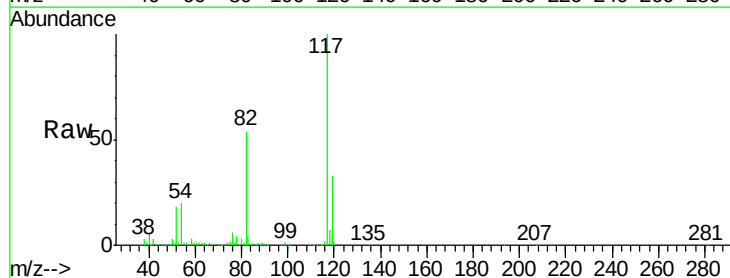
Tgt Ion: 117 Resp: 604220

Ion Ratio Lower Upper

117 100

82 54.0 41.9 62.9

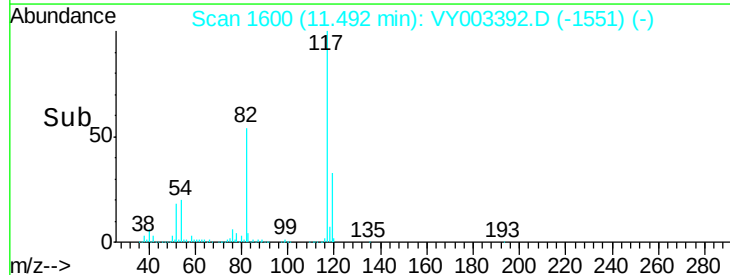
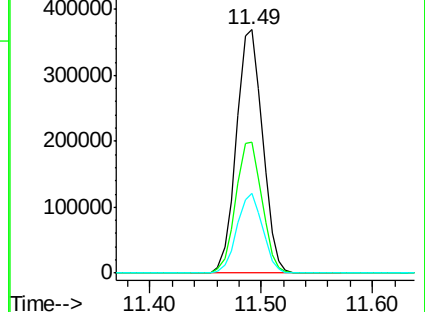
119 32.7 25.4 38.0

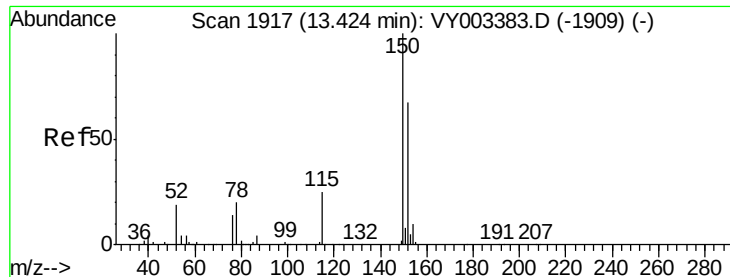


Abundance Ion 116.90 (116.60 to 117.60): VY003383.D (-1590) (-)

Ion 82.00 (81.70 to 82.70): VY003383.D (-1590) (-)

Ion 118.90 (118.60 to 119.60): VY003383.D (-1590) (-)



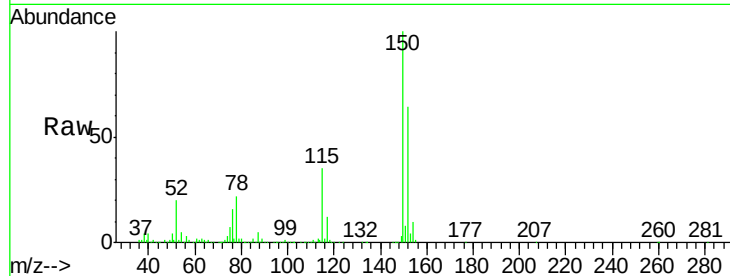


#72

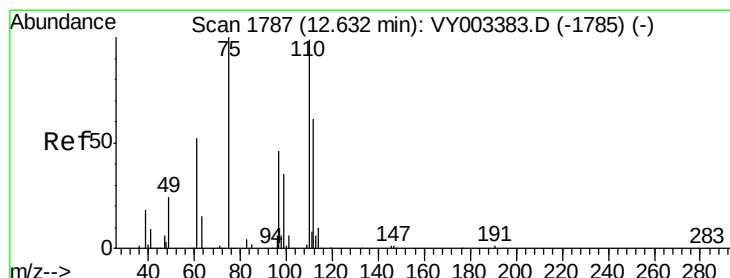
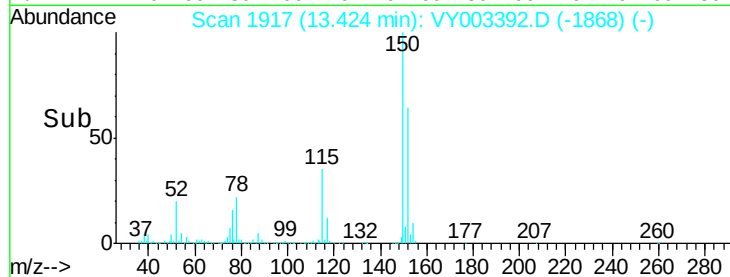
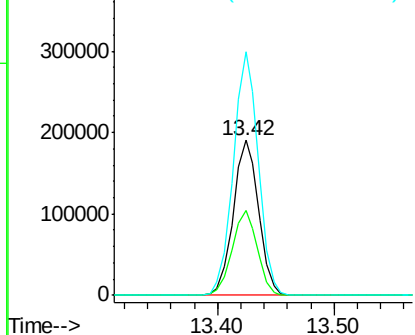
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003392.D
Acq: 31 Jul 2020 16:21

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.2	81.5
150	155.1	0.0	346.8



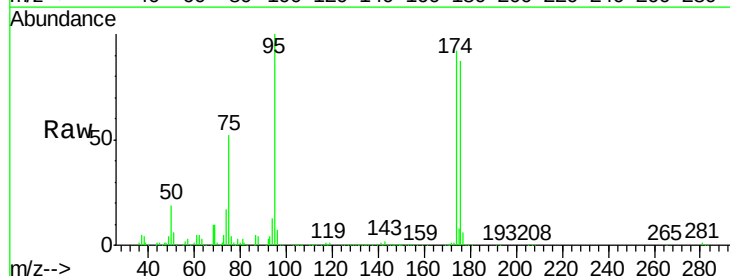
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



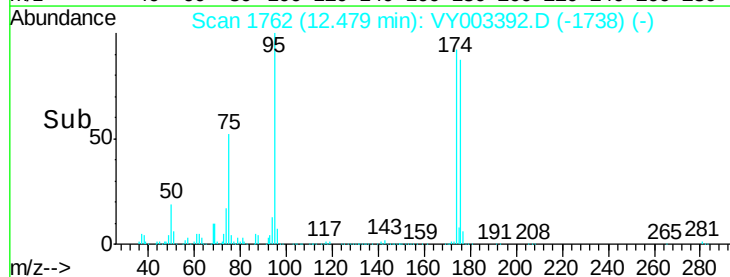
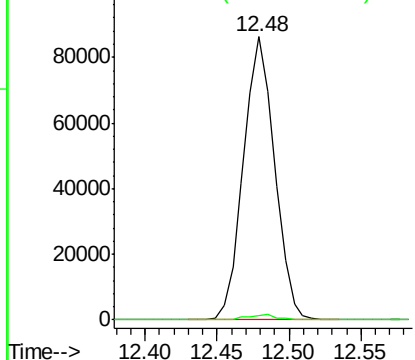
#76

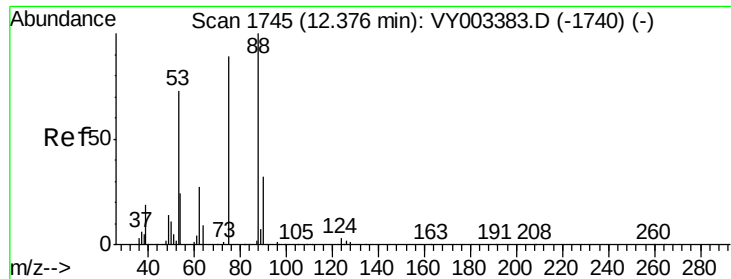
1,2,3-Trichloropropane
Concen: 50.105 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003392.D
Acq: 31 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.8	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: 94.760 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003392.D

Acq: 31 Jul 2020 16:21

Instrument :

MSVOA_Y

ClientSampleId :

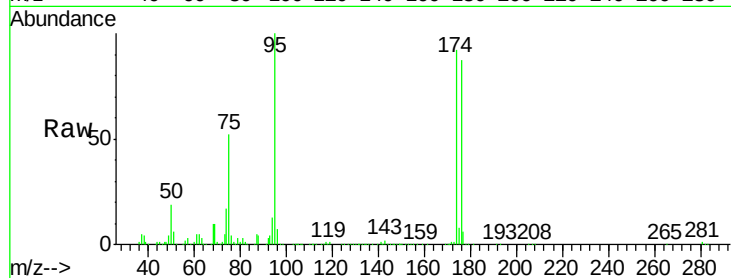
Tot Ion: 75 Resp: 129366

Ion Ratio Lower Upper

75 100

53 0.1 69.5 104.3#

89 0.0 33.8 50.6#



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

