

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072820\
 Data File : VY003371.D
 Acq On : 28 Jul 2020 13:17
 Operator : SY/MD
 Sample : VY0728SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 29 02:30:22 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	450091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	704373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	638366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	318929	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	214850	56.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.12%	
35) Dibromofluoromethane	7.72	113	215586	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
50) Toluene-d8	10.18	98	848791	56.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.64%	
62) 4-Bromofluorobenzene	12.48	95	269402	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	

Target Compounds

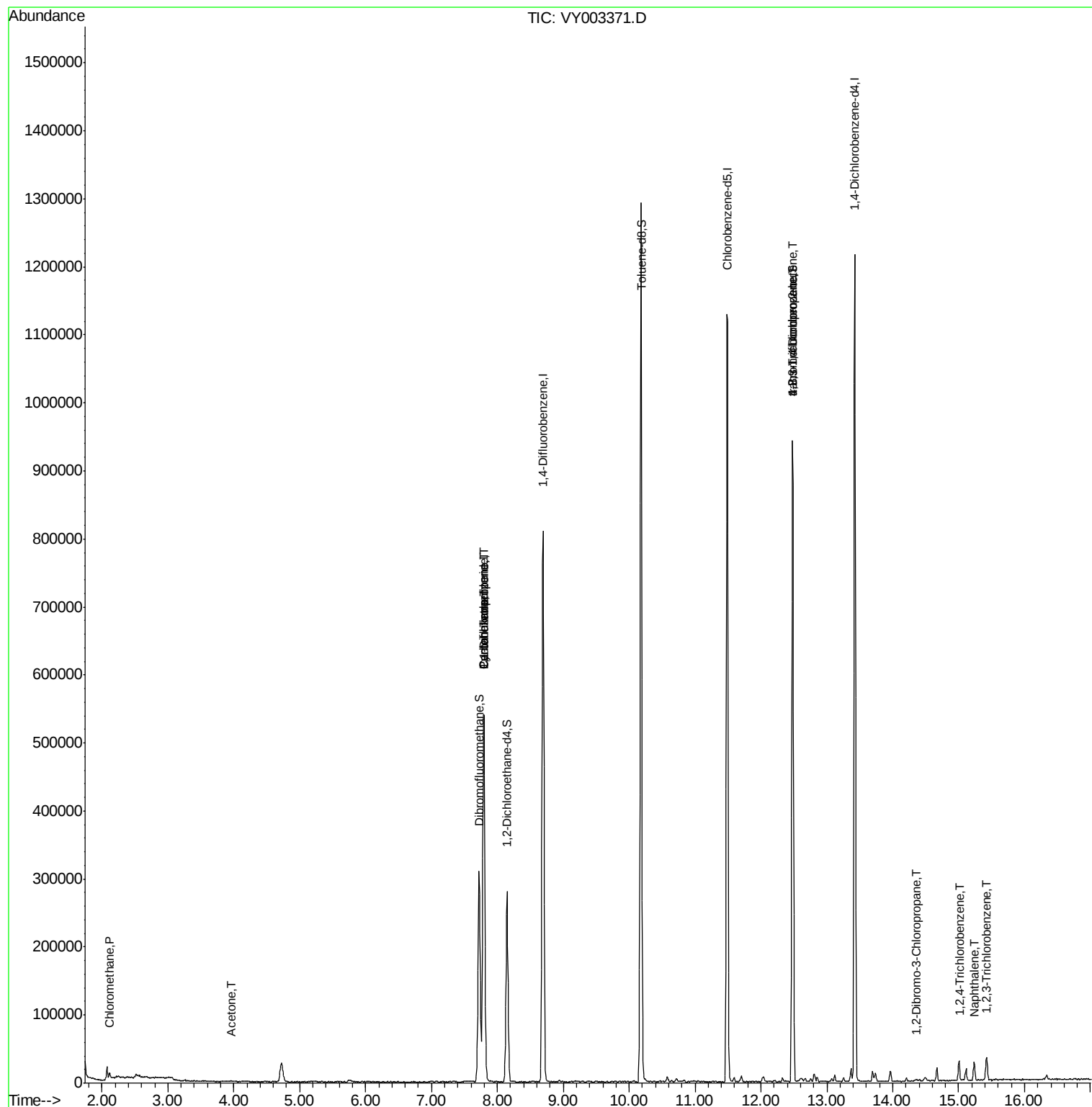
					Qvalue	
3) Chloromethane	2.11	50	6726	1.503	ug/l	99
16) Acetone	3.96	43	1988	2.343	ug/l #	78
20) Methylene Chloride	4.72	84	21226	Below Cal		95
31) Cyclohexane	7.79	56	8677	1.256	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	31452	4.927	ug/l #	50
38) Carbon Tetrachloride	7.79	117	40595	6.160	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	141871	50.254	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	141871	97.804	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.34	75	792	1.245	ug/l	80
93) 1,2,4-Trichlorobenzene	15.01	180	9660	1.579	ug/l	94
95) Naphthalene	15.23	128	19811	1.960	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	11281	2.333	ug/l	97

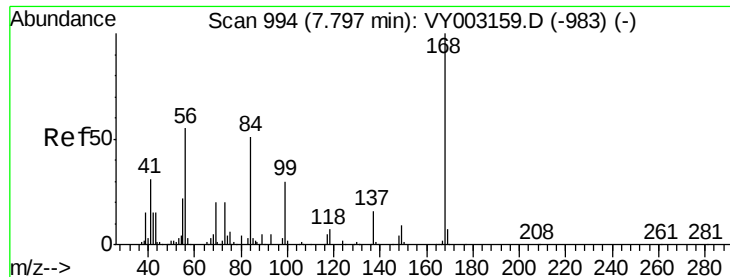
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072820\
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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: VY003371.D

Acq: 28 Jul 2020 13:17

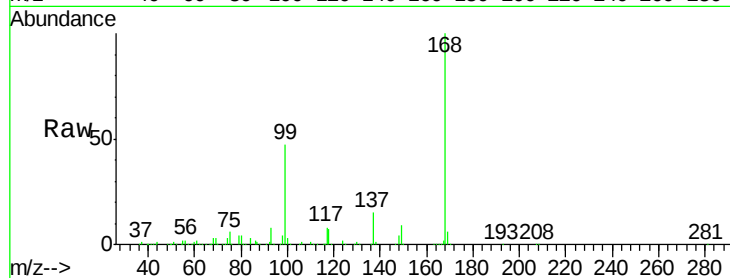
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 450091

Ion Ratio Lower Upper

168 100

99 47.3 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003371.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003371.D (-945) (-)

7.80

200000

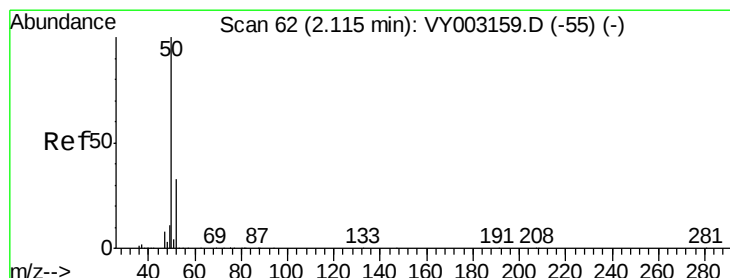
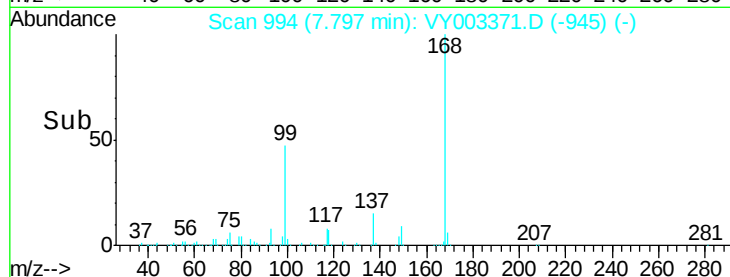
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.503 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY003371.D

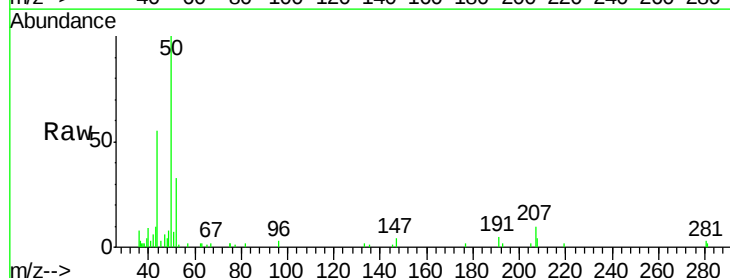
Acq: 28 Jul 2020 13:17

Tgt Ion: 50 Resp: 6726

Ion Ratio Lower Upper

50 100

52 33.9 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY003371.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY003371.D (-13) (-)

2.11

5000

4000

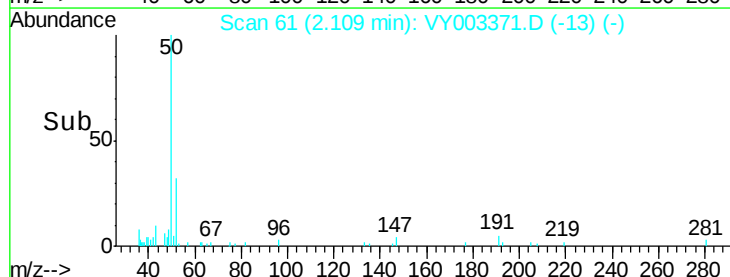
3000

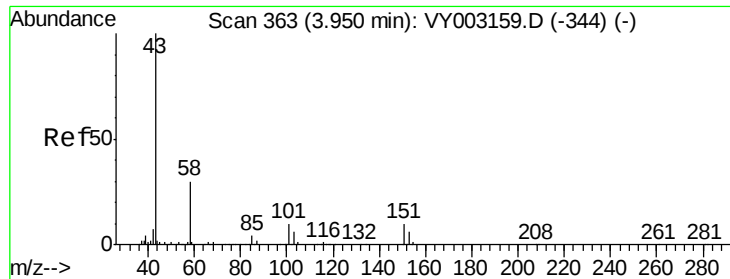
2000

1000

0

Time-->





#16

Acetone

Concen: 2.343 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003371.D

Acq: 28 Jul 2020 13:17

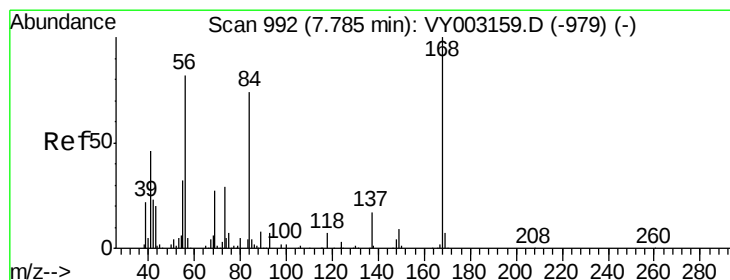
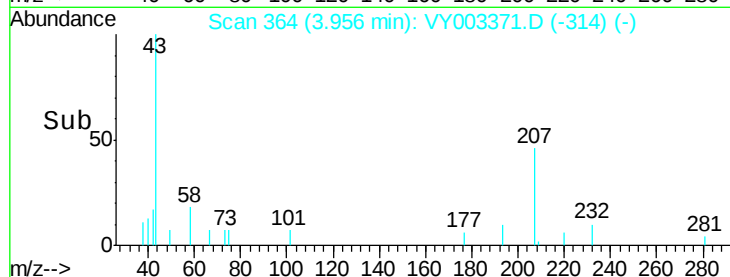
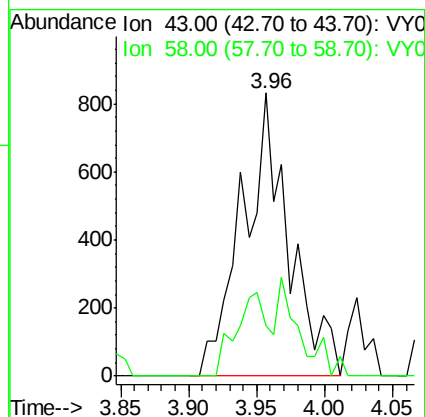
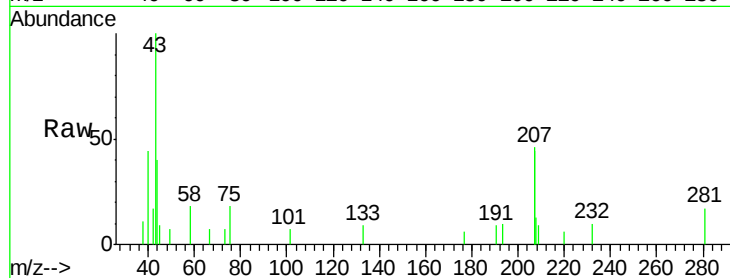
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1988

Ion Ratio Lower Upper

43 100

58 17.8 23.8 35.6#



#31

Cyclohexane

Concen: 1.256 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003371.D

Acq: 28 Jul 2020 13:17

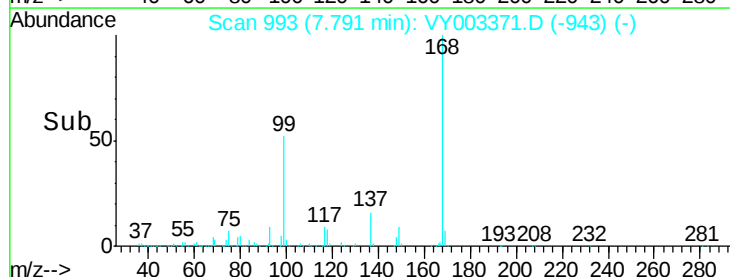
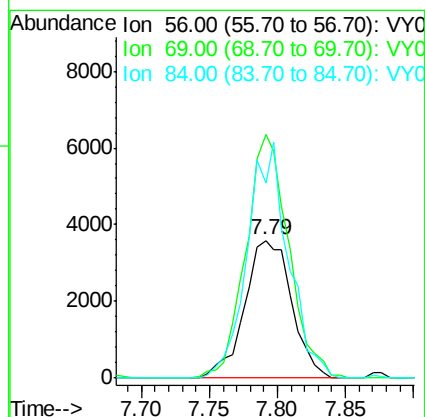
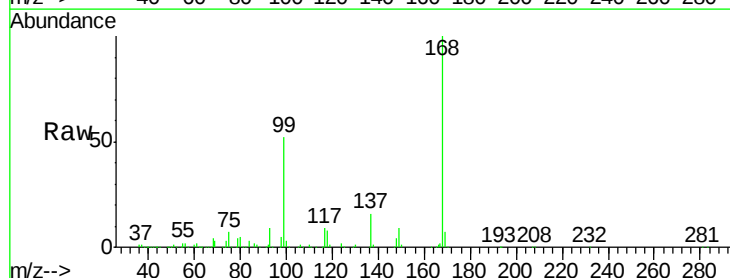
Tgt Ion: 56 Resp: 8677

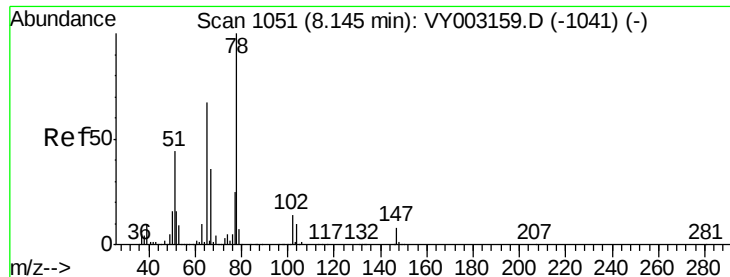
Ion Ratio Lower Upper

56 100

69 177.0 26.7 40.1#

84 141.4 72.3 108.5#

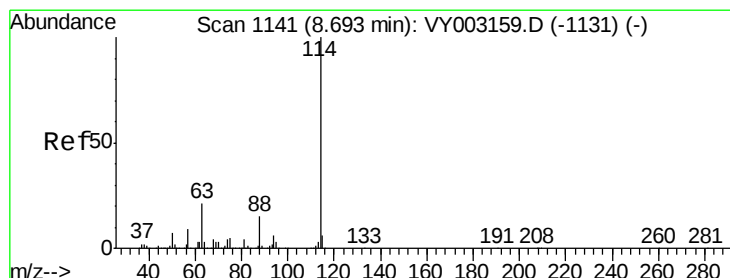
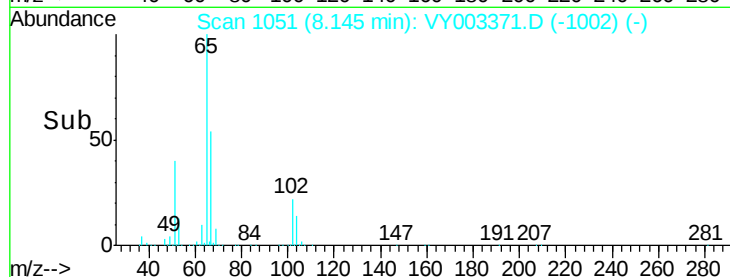
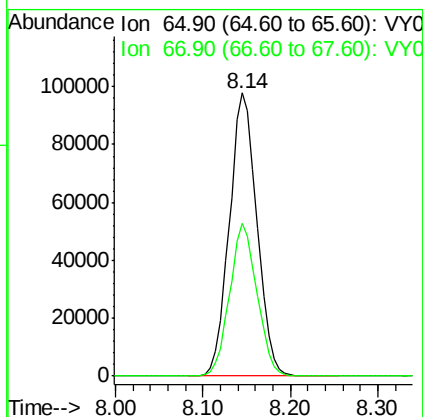
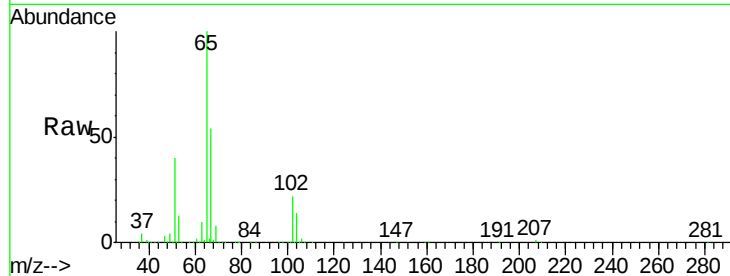




#33
 1,2-Dichloroethane-d4
 Concen: 56.556 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003371.D
 Acq: 28 Jul 2020 13:17

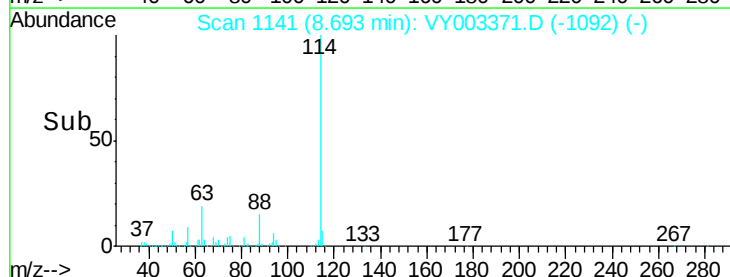
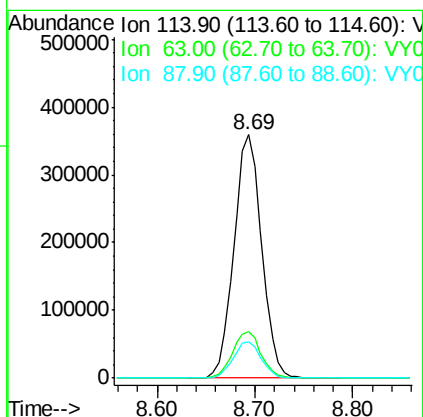
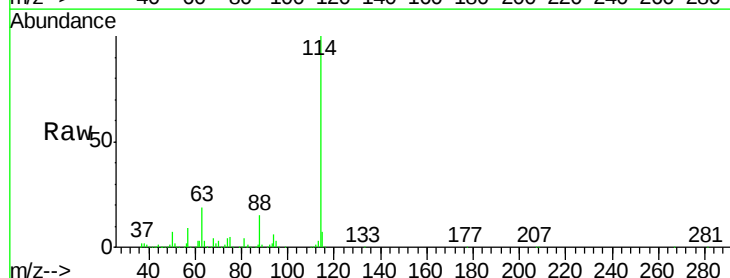
Instrument :
 MSVOA_Y
 ClientSampled :

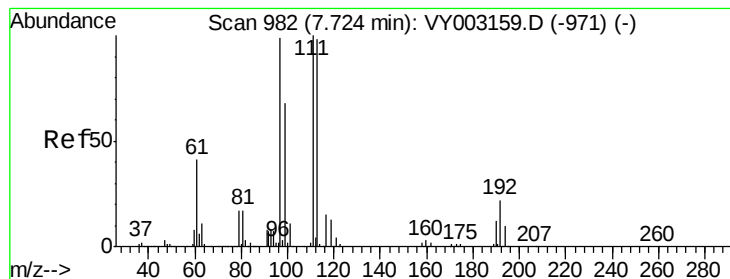
Tot Ion: 65 Resp: 214850
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003371.D
 Acq: 28 Jul 2020 13:17

Tgt Ion: 114 Resp: 704373
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.2
 88 14.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 53.185 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003371.D

Acq: 28 Jul 2020 13:17

Instrument :
MSVOA_Y
ClientSampleId :

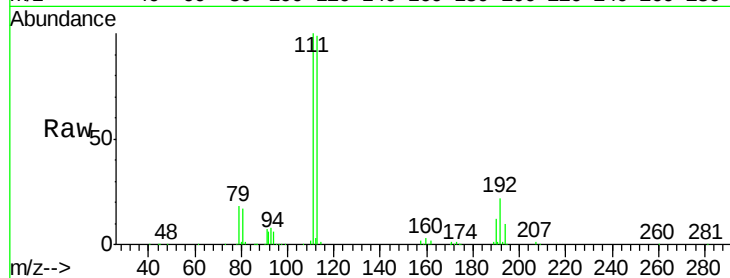
Tot Ion:113 Resp: 215586

Ion Ratio Lower Upper

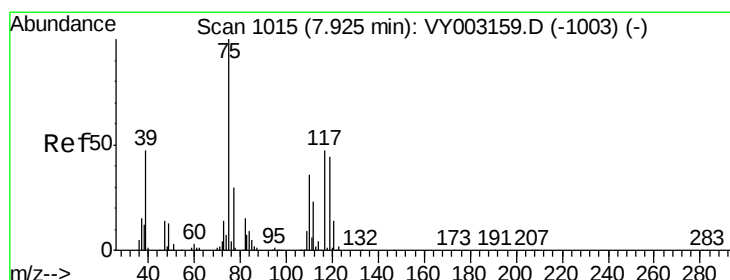
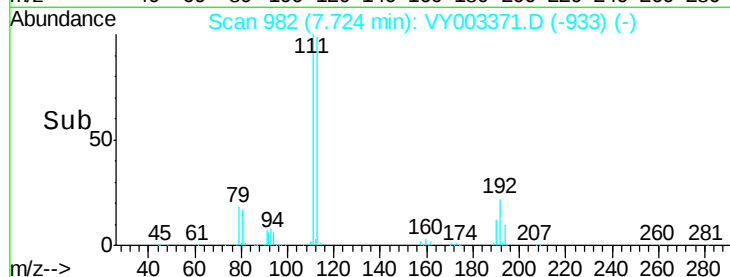
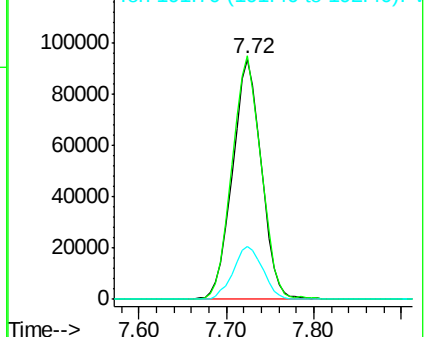
113 100

111 102.4 82.1 123.1

192 22.7 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: 4.927 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.13 min

Lab File: VY003371.D

Acq: 28 Jul 2020 13:17

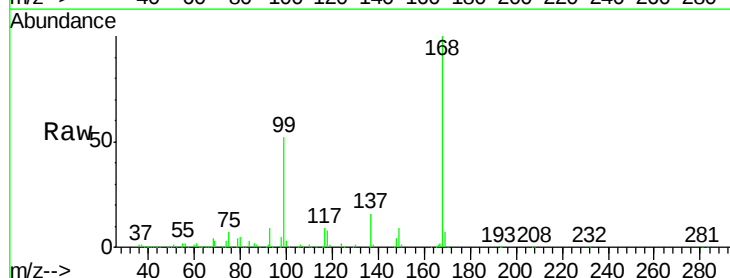
Tgt Ion: 75 Resp: 31452

Ion Ratio Lower Upper

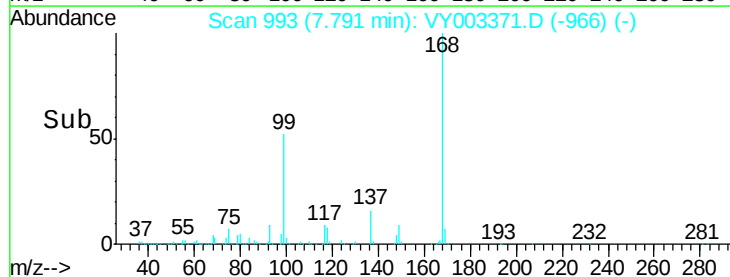
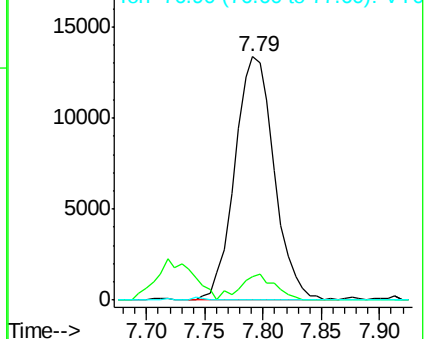
75 100

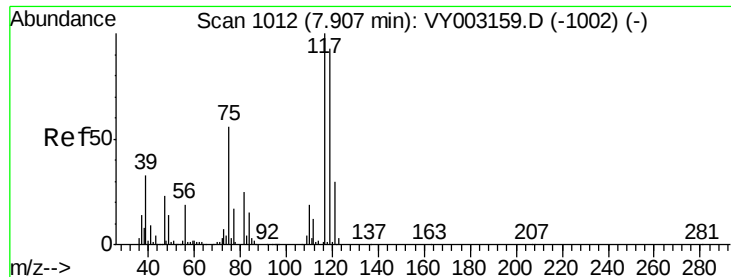
110 9.4 18.1 54.1#

77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0

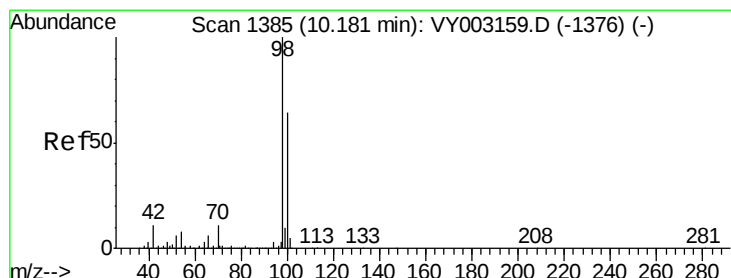
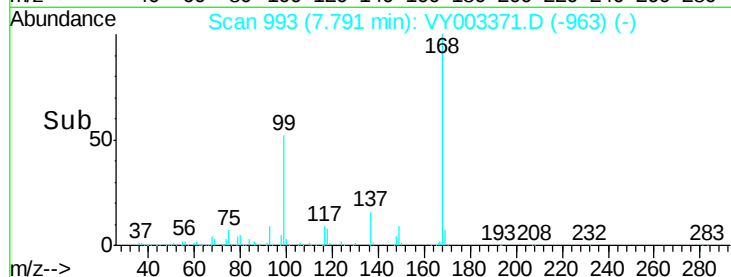
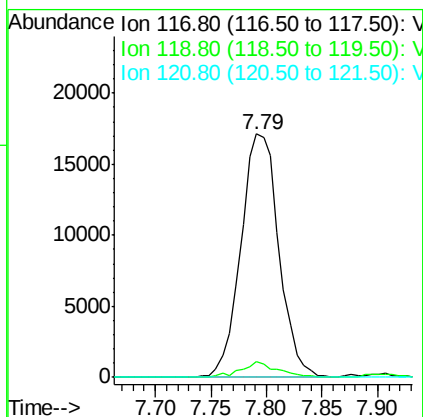
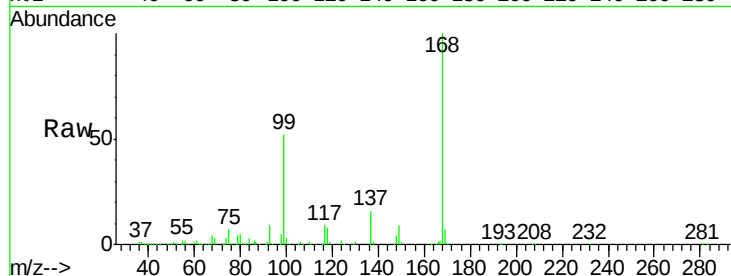




#38
Carbon Tetrachloride
Concen: 6.160 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.12 min
Lab File: VY003371.D
Acq: 28 Jul 2020 13:17

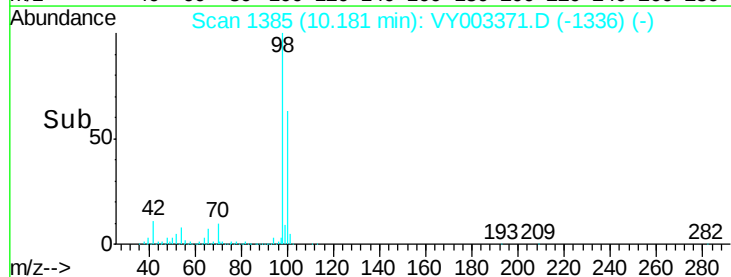
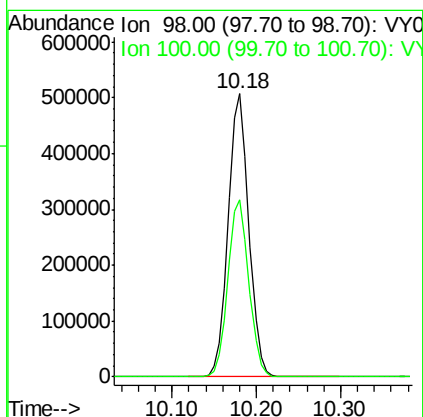
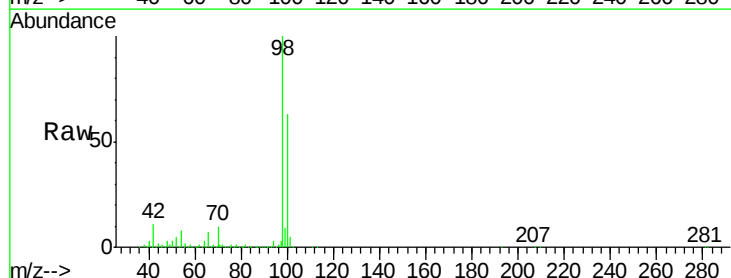
Instrument :
MSVOA_Y
ClientSampleId :

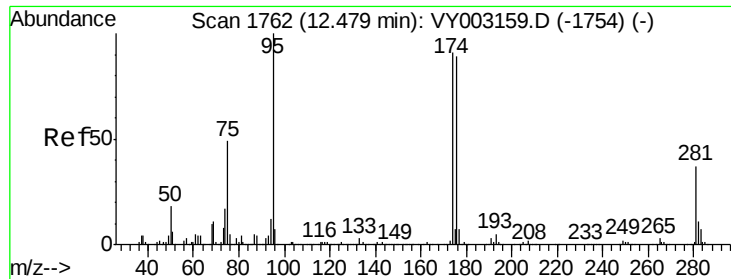
Tot Ion:117 Resp: 40595
Ion Ratio Lower Upper
117 100
119 6.5 74.5 111.7#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 56.322 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003371.D
Acq: 28 Jul 2020 13:17

Tgt Ion: 98 Resp: 848791
Ion Ratio Lower Upper
98 100
100 63.5 50.7 76.1

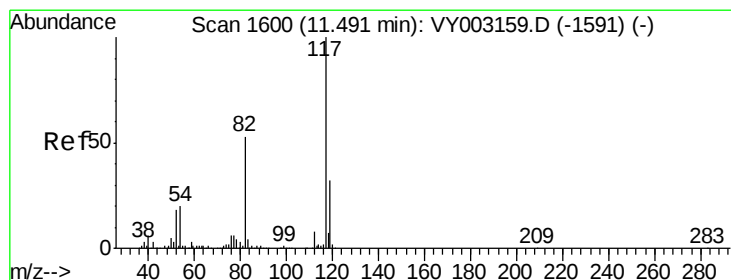
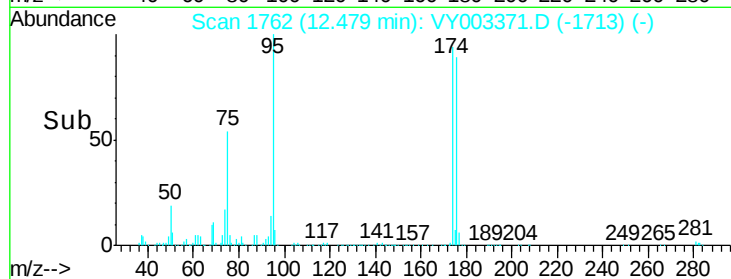
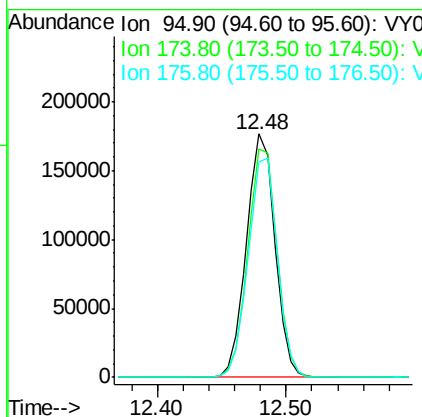
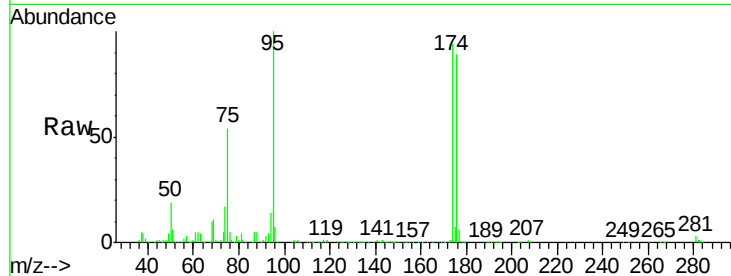




#62
4-Bromofluorobenzene
Concen: 49.484 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003371.D
Acq: 28 Jul 2020 13:17

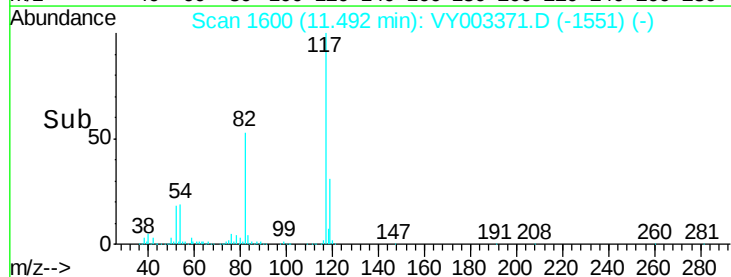
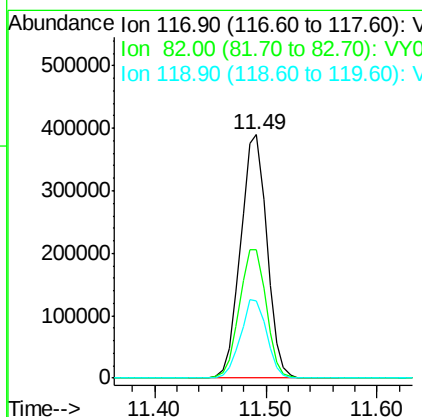
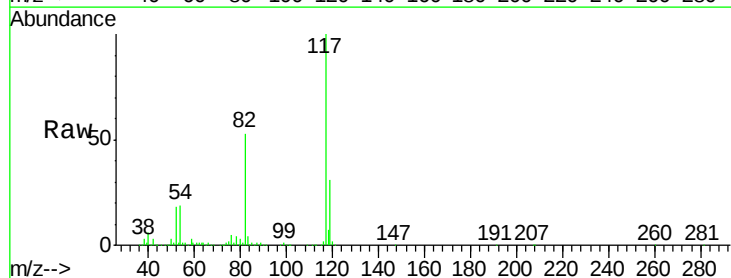
Instrument :
MSVOA_Y
ClientSampleId :

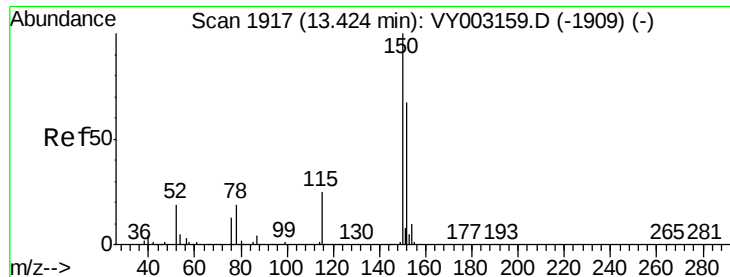
Tot Ion	Ratio	Lower	Upper
95	100		
174	96.2	0.0	190.6
176	91.9	0.0	186.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003371.D
Acq: 28 Jul 2020 13:17

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.0	63.0
119	31.5	25.5	38.3



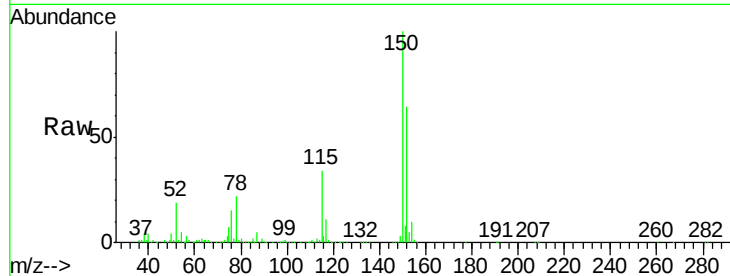


#72

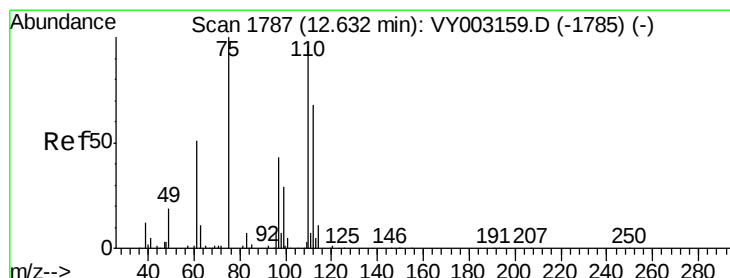
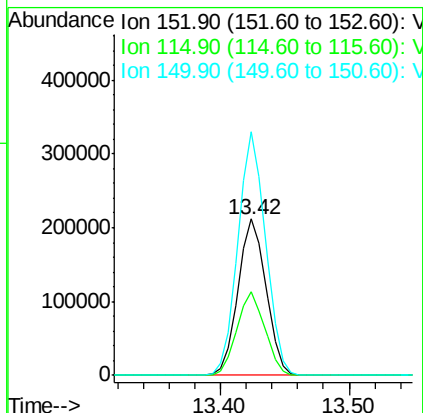
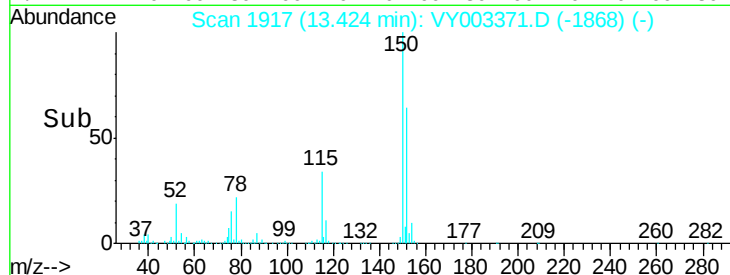
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003371.D
Acq: 28 Jul 2020 13:17

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.5	26.9	80.7
150	154.1	0.0	338.0



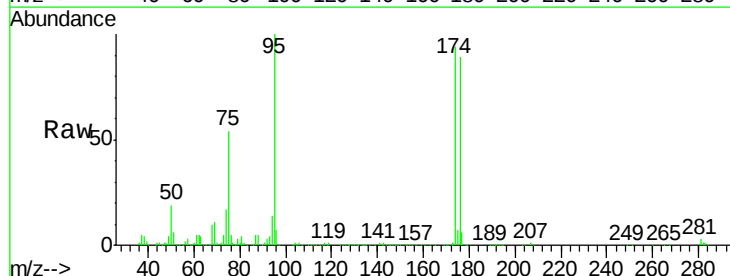
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



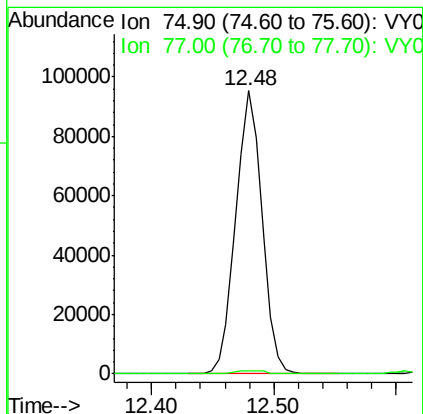
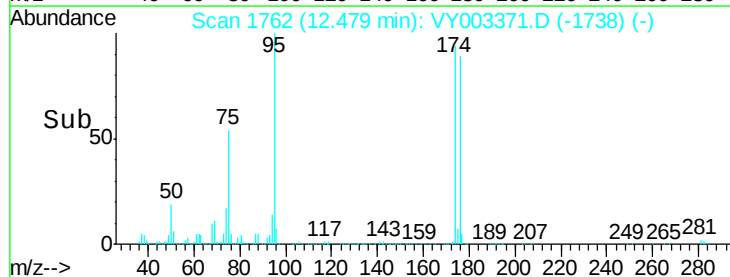
#76

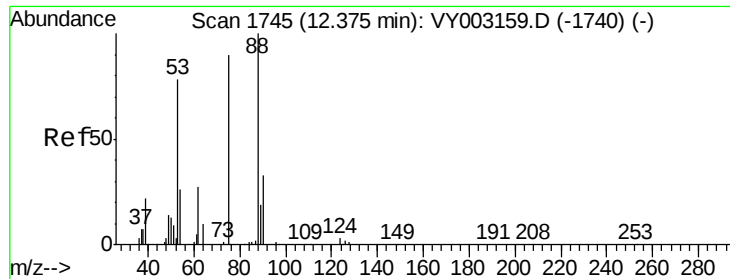
1,2,3-Trichloropropane
Concen: 50.254 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003371.D
Acq: 28 Jul 2020 13:17

Tgt 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: 97.804 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003371.D

Acq: 28 Jul 2020 13:17

Instrument :

MSVOA_Y

ClientSampleId :

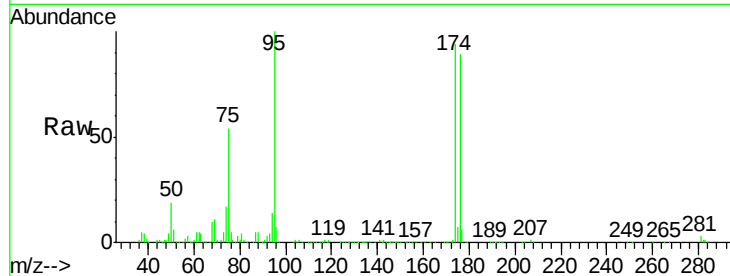
Tot Ion: 75 Resp: 141871

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

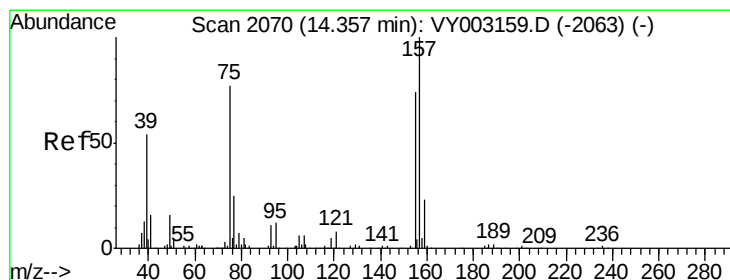
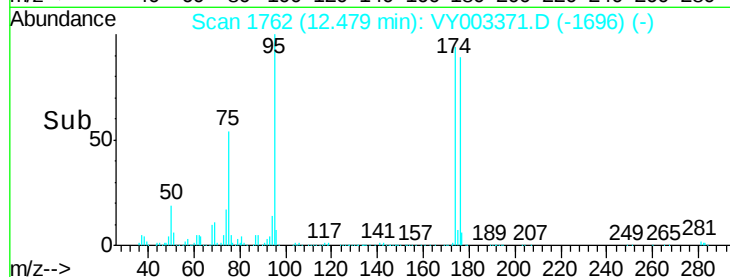
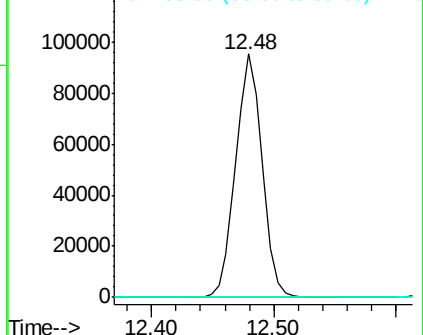
89 0.0 37.3 55.9#



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.245 ug/l

RT: 14.34 min Scan# 2068

Delta R.T. -0.01 min

Lab File: VY003371.D

Acq: 28 Jul 2020 13:17

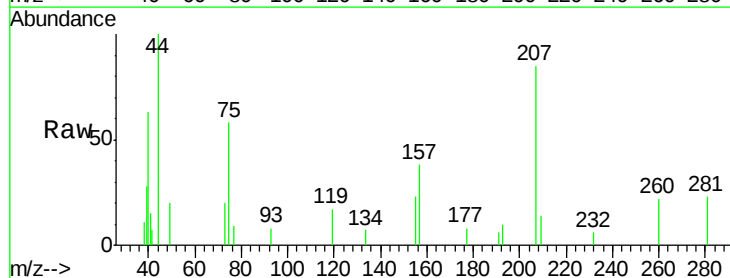
Tgt Ion: 75 Resp: 792

Ion Ratio Lower Upper

75 100

155 69.7 48.1 144.3

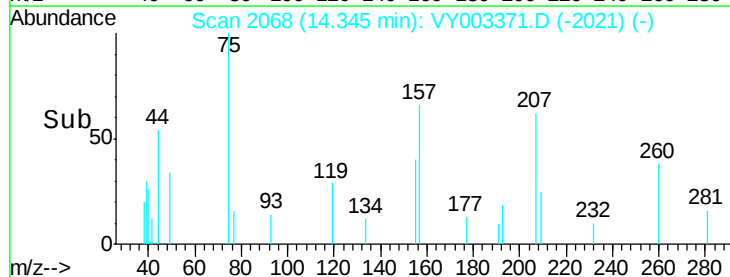
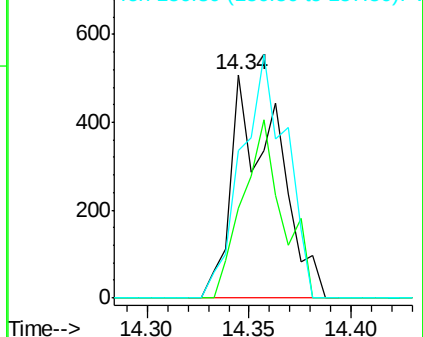
157 107.1 61.9 185.6

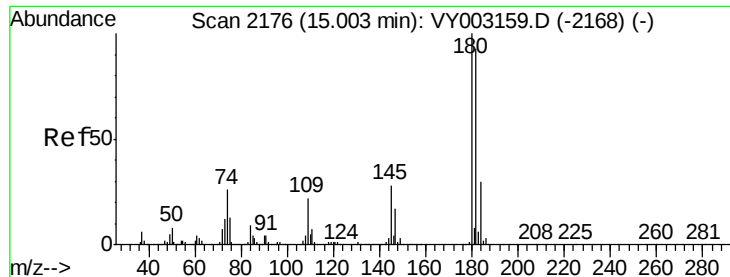


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

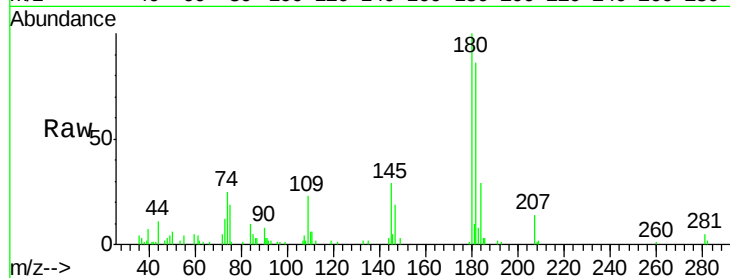




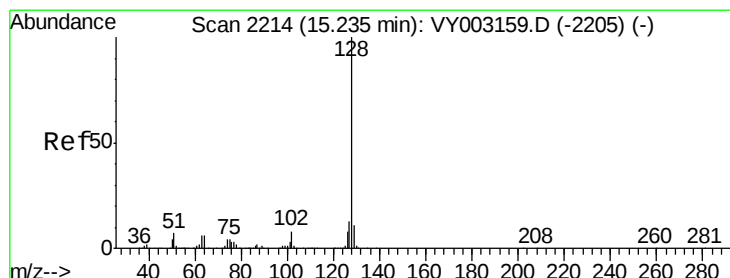
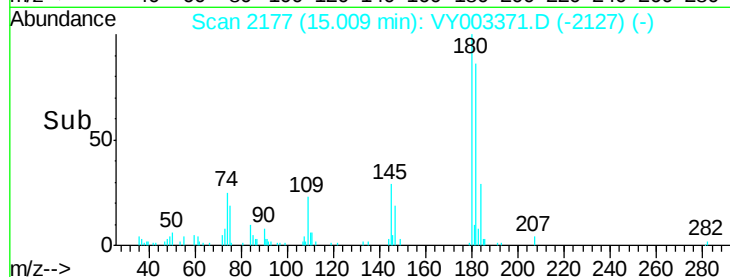
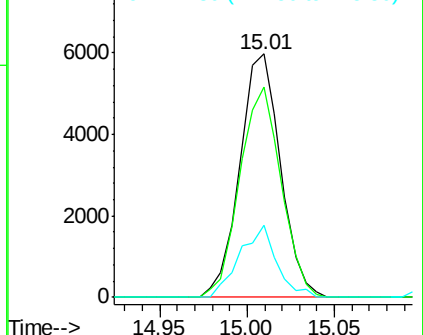
#93
 1,2,4-Trichlorobenzene
 Concen: 1.579 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003371.D
 Acq: 28 Jul 2020 13:17

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180 Resp: 9660
 Ion Ratio Lower Upper
 180 100
 182 87.9 47.3 142.0
 145 26.9 13.7 41.1

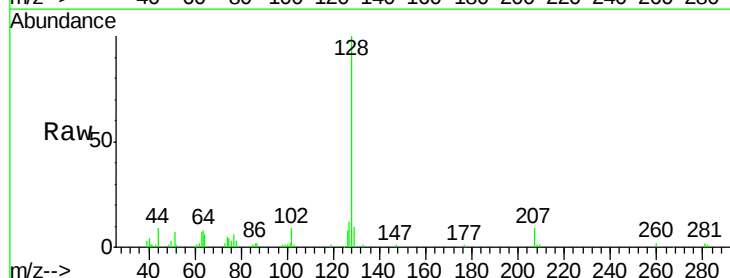


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

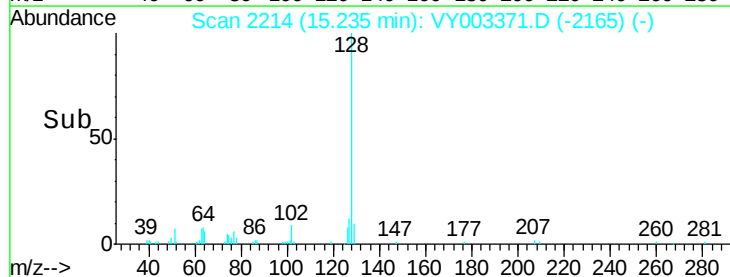
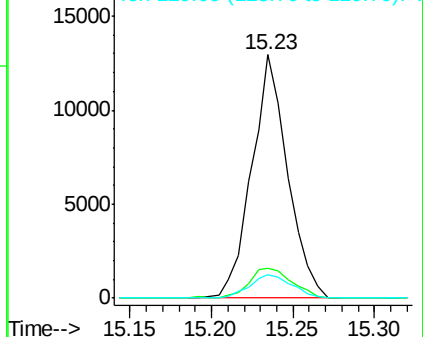


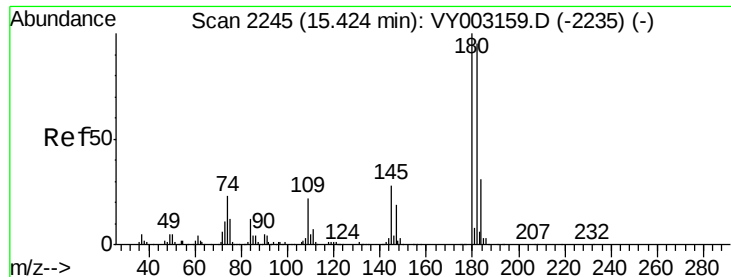
#95
 Naphthalene
 Concen: 1.960 ug/l
 RT: 15.23 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: VY003371.D
 Acq: 28 Jul 2020 13:17

Tgt Ion:128 Resp: 19811
 Ion Ratio Lower Upper
 128 100
 127 14.5 10.9 16.3
 129 11.2 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 2.333 ug/l
 RT: 15.42 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VY003371.D
 Acq: 28 Jul 2020 13:17

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.8	146.3
145	30.2	14.9	44.5

