

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030220\
 Data File : VY001813.D
 Acq On : 02 Mar 2020 12:28
 Operator : SY/MD
 Sample : L1743-01
 Misc : 6.46G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G-7

Quant Time: Mar 02 13:44:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	156938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	297496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	266741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	115121	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	91106	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	
35) Dibromofluoromethane	7.74	113	85811	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	10.19	98	360155	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
62) 4-Bromofluorobenzene	12.49	95	120443	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	

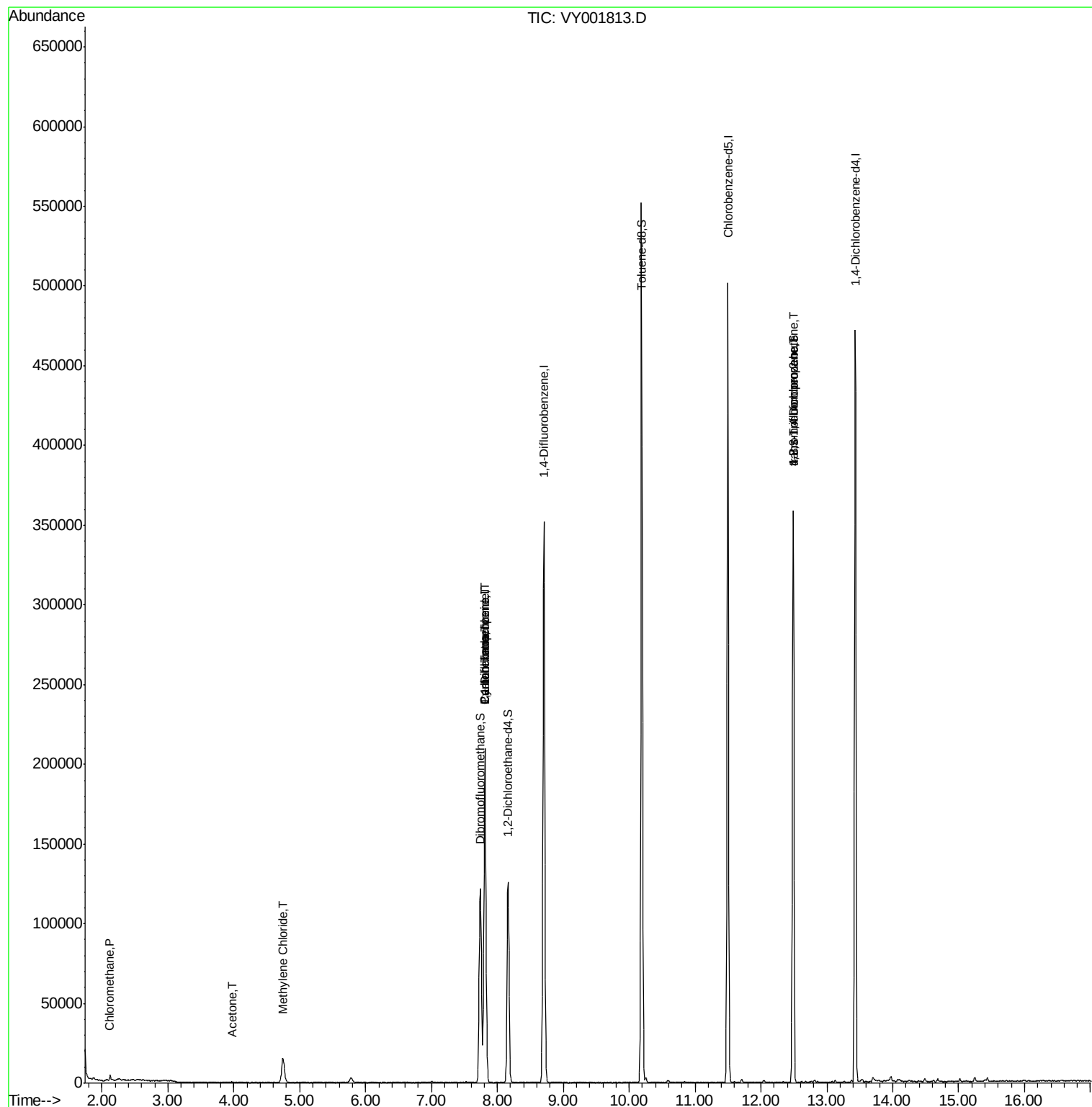
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	2785	1.35	ug/l	96
11) Tert butyl alcohol	4.99	59	105	Below Cal	#	74
16) Acetone	3.98	43	968	1.66	ug/l	98
20) Methylene Chloride	4.75	84	11204	5.40	ug/l	94
31) Cyclohexane	7.80	56	3574	1.01	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	12736	4.48	ug/l #	49
38) Carbon Tetrachloride	7.82	117	15471	6.20	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	60412	45.75	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	60412	86.79	ug/l #	17

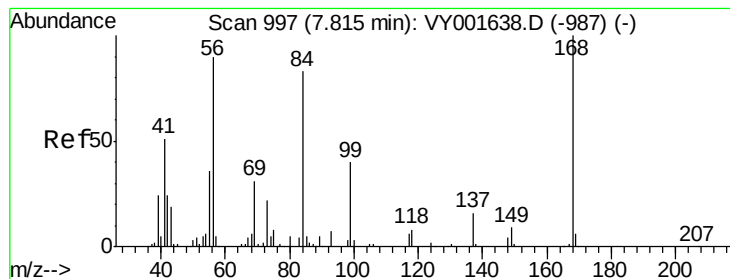
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY030220\
Data File : VY001813.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001813.D

Acq: 02 Mar 2020 12:28

Instrument :

MSVOA_Y

ClientSampled :

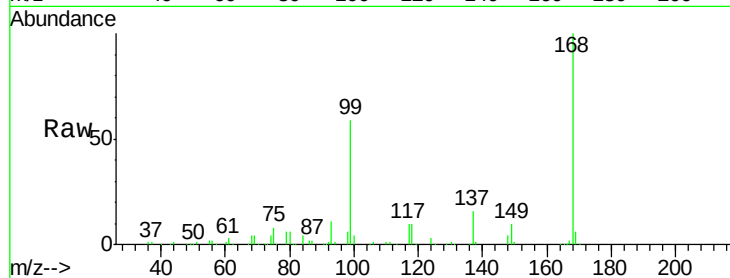
G-7

Tgt Ion:168 Resp: 156938

Ion Ratio Lower Upper

168 100

99 59.1 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.81

60000

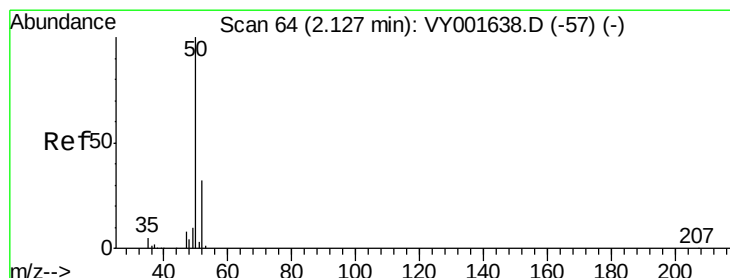
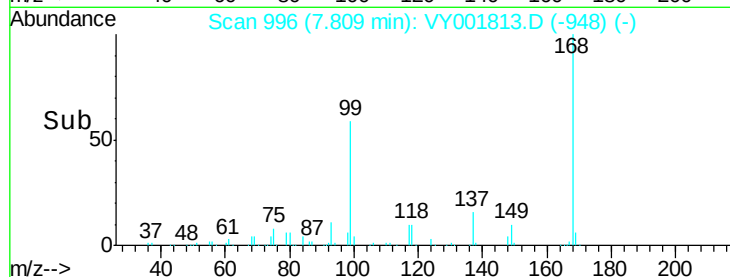
40000

20000

0

7.70 7.80 7.90

Time-->



#3

Chloromethane

Concen: 1.35 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001813.D

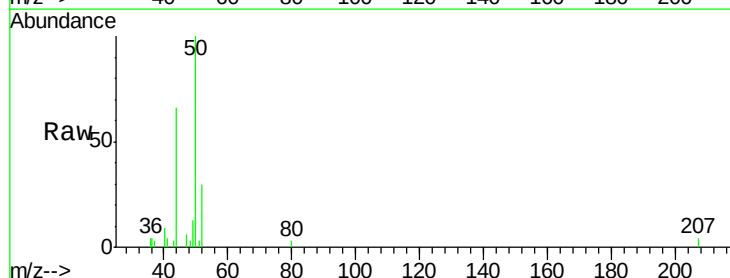
Acq: 02 Mar 2020 12:28

Tgt Ion: 50 Resp: 2785

Ion Ratio Lower Upper

50 100

52 29.8 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

2000

1500

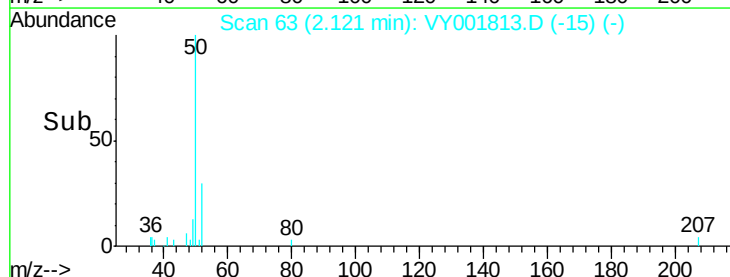
1000

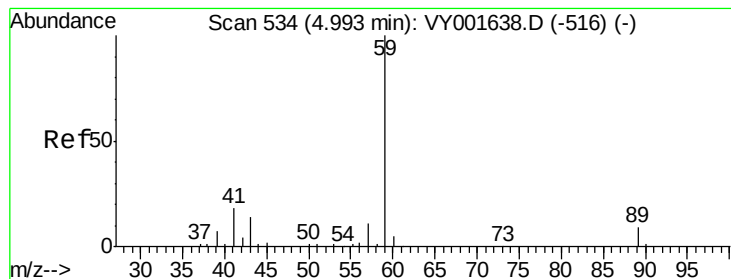
500

0

2.10 2.15

Time-->



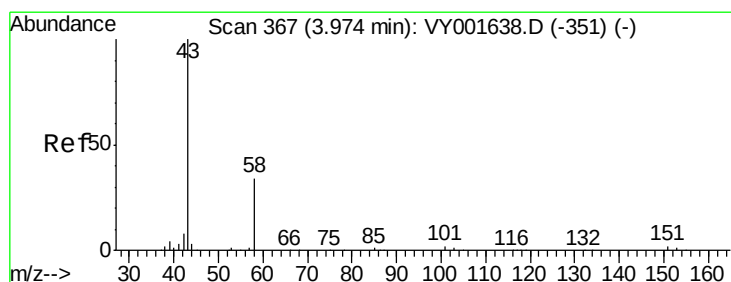
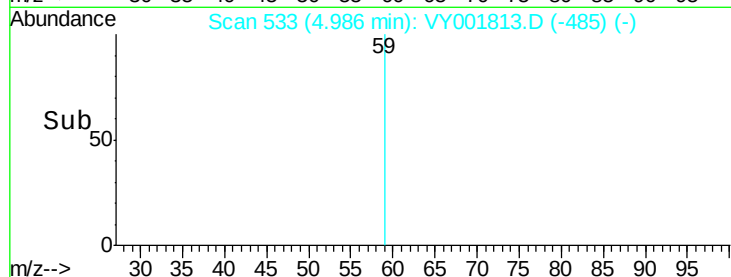
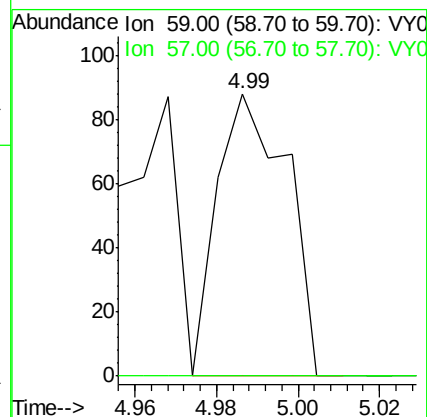
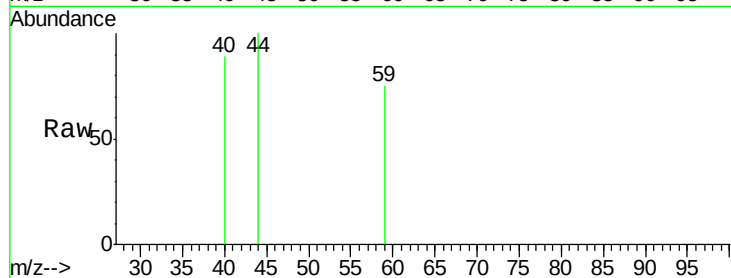


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.99 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VY001813.D
 Acq: 02 Mar 2020 12:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 G-7

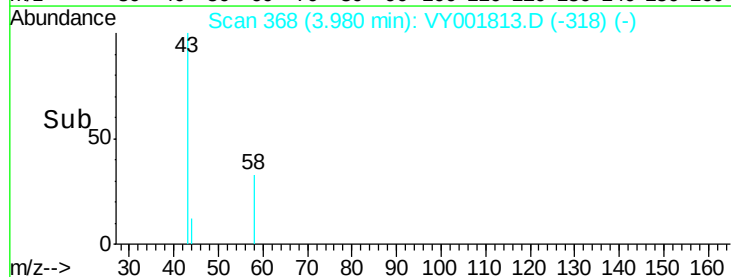
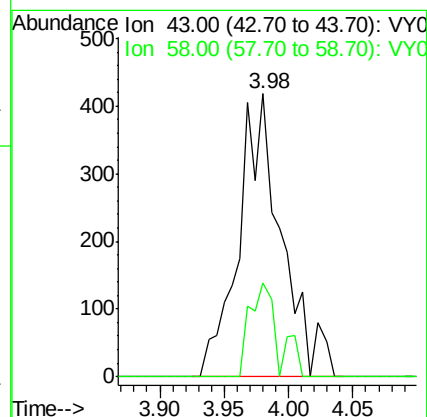
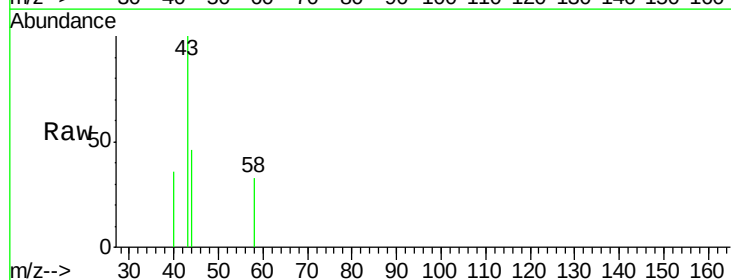
Tgt Ion: 59 Resp: 105
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

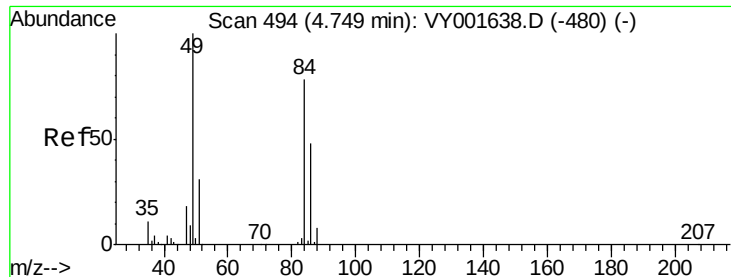


#16

Acetone
 Concen: 1.66 ug/l
 RT: 3.98 min Scan# 368
 Delta R.T. 0.01 min
 Lab File: VY001813.D
 Acq: 02 Mar 2020 12:28

Tgt Ion: 43 Resp: 968
 Ion Ratio Lower Upper
 43 100
 58 33.0 27.3 40.9

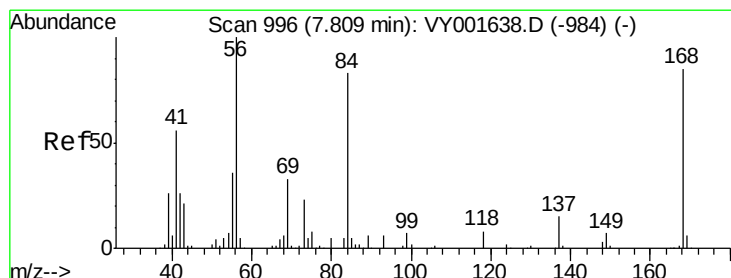
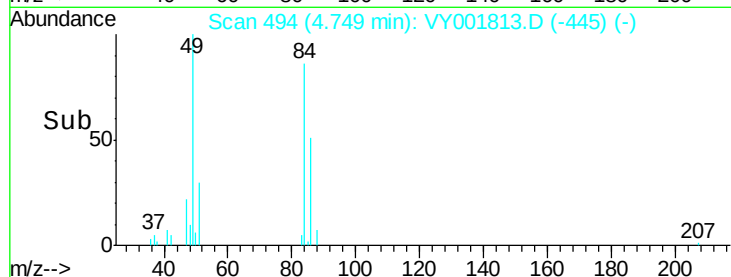
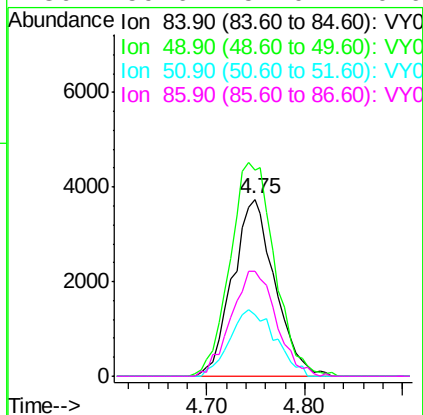
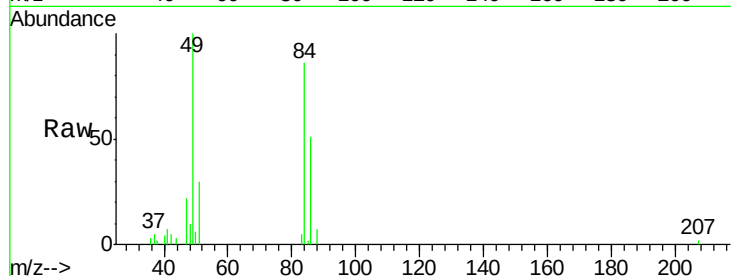




#20
Methylene Chloride
Concen: 5.40 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.00 min
Lab File: VY001813.D
Acq: 02 Mar 2020 12:28

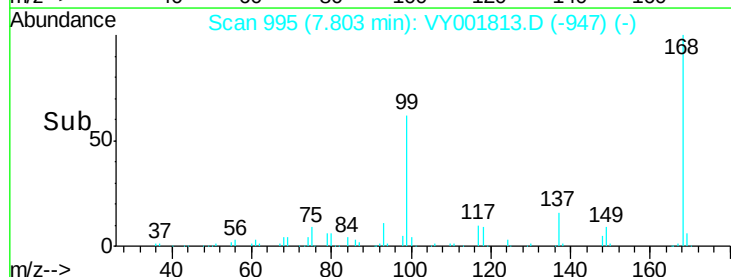
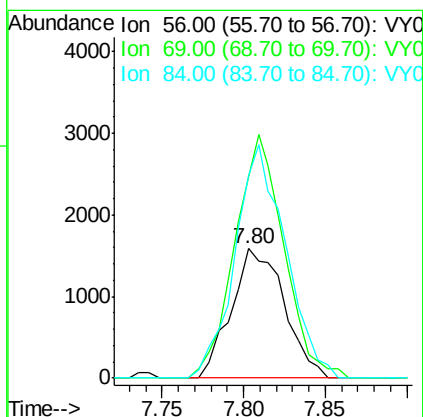
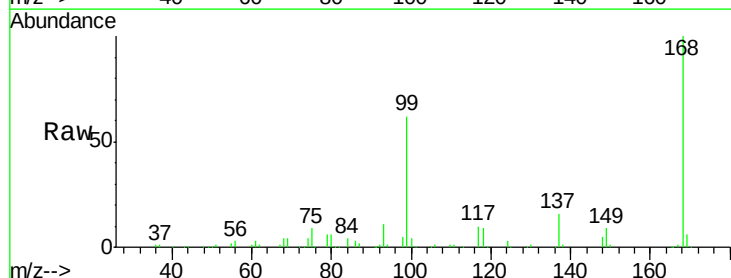
Instrument :
MSVOA_Y
ClientSampleId :
G-7

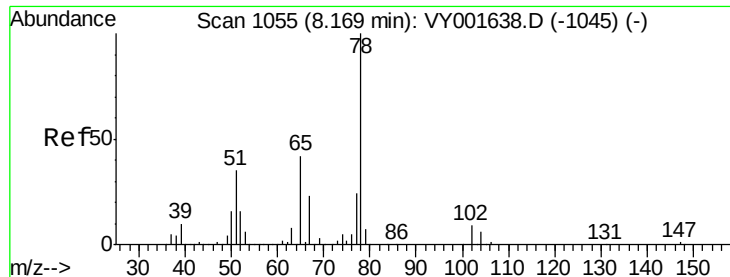
Tgt Ion:	84	Resp:	11204
Ion	Ratio	Lower	Upper
84	100		
49	116.6	99.2	148.8
51	34.7	31.5	47.3
86	59.6	51.0	76.6



#31
Cyclohexane
Concen: 1.01 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001813.D
Acq: 02 Mar 2020 12:28

Tgt Ion:	56	Resp:	3574
Ion	Ratio	Lower	Upper
56	100		
69	155.5	25.1	37.7#
84	156.5	66.9	100.3#

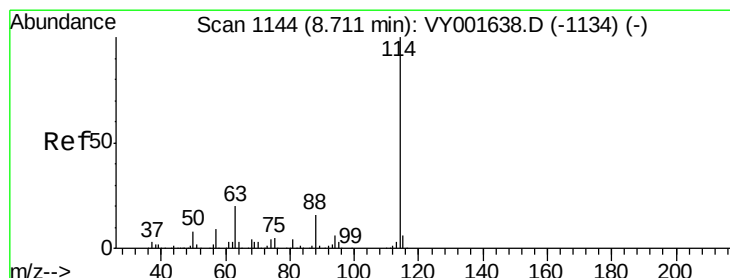
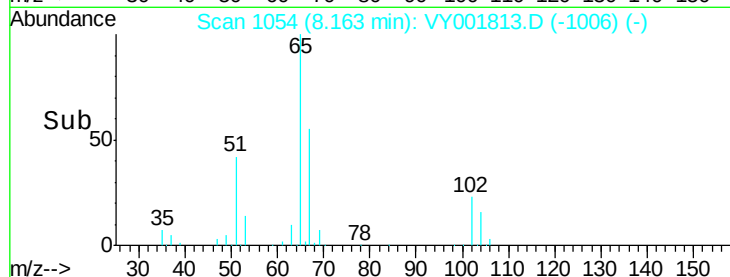
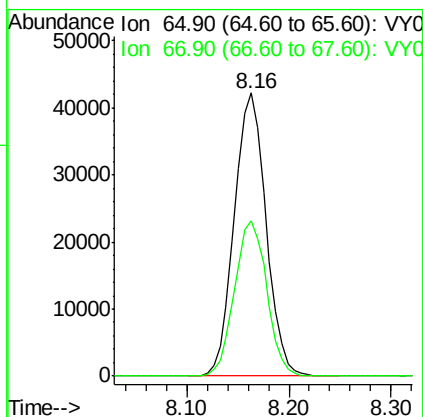
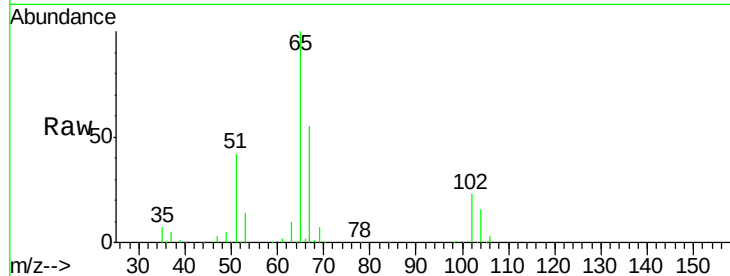




#33
 1,2-Dichloroethane-d4
 Concen: 53.97 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001813.D
 Acq: 02 Mar 2020 12:28

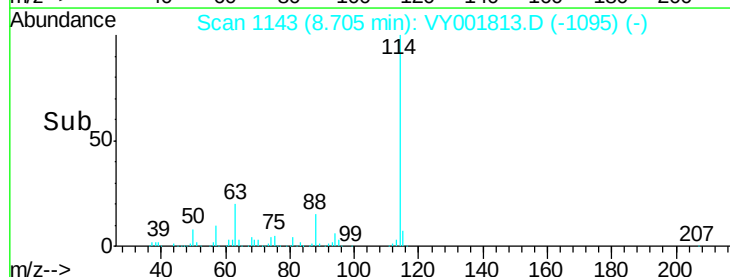
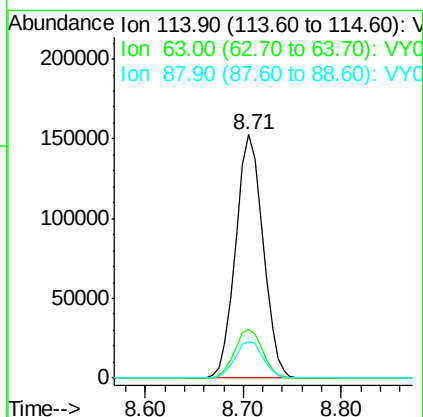
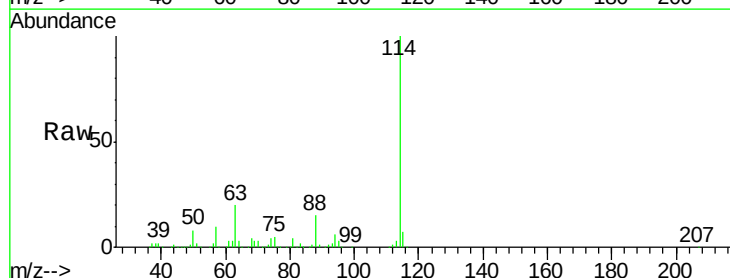
Instrument :
 MSVOA_Y
 ClientSampleId :
 G-7

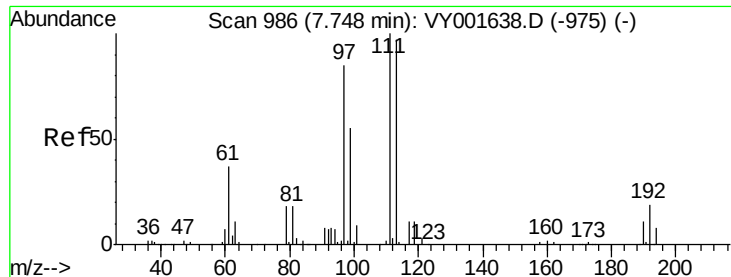
Tgt Ion: 65 Resp: 91106
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001813.D
 Acq: 02 Mar 2020 12:28

Tgt Ion: 114 Resp: 297496
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.4
 88 15.1 0.0 32.8

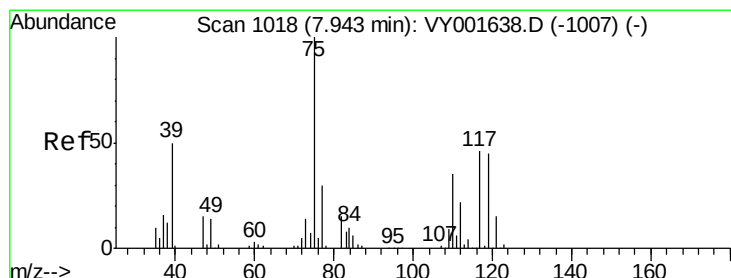
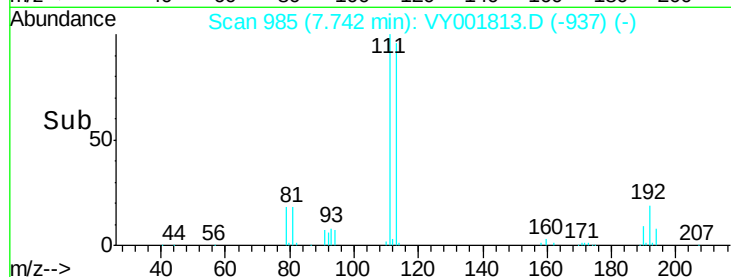
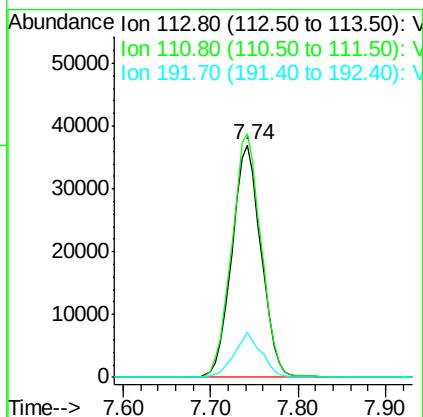
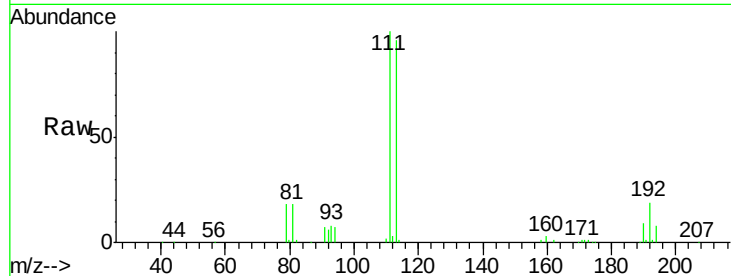




#35
 Dibromofluoromethane
 Concen: 50.36 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001813.D
 Acq: 02 Mar 2020 12:28

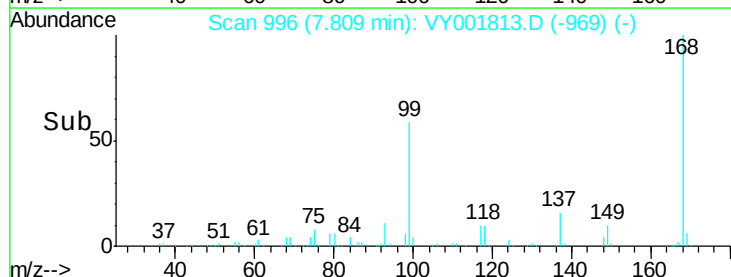
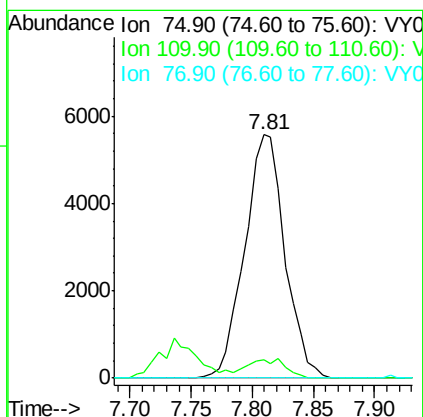
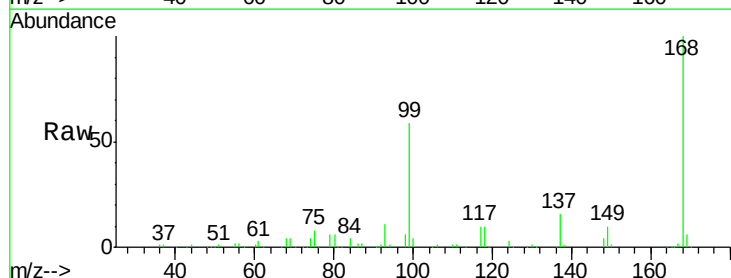
Instrument :
 MSVOA_Y
 ClientSampleId :
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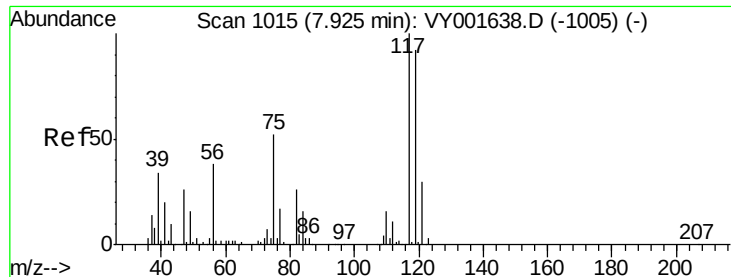
Tgt Ion:113 Resp: 85811
 Ion Ratio Lower Upper
 113 100
 111 105.6 81.9 122.9
 192 18.0 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 4.48 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY001813.D
 Acq: 02 Mar 2020 12:28

Tgt Ion: 75 Resp: 12736
 Ion Ratio Lower Upper
 75 100
 110 7.3 17.2 51.6#
 77 0.0 24.8 37.2#

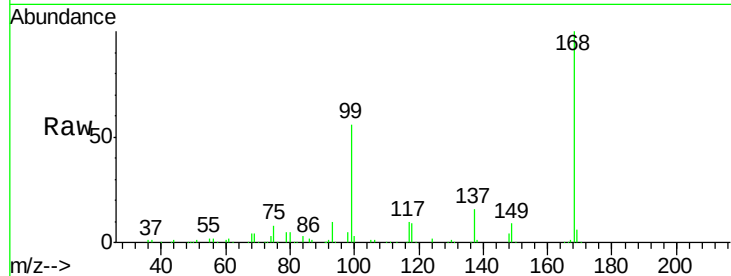




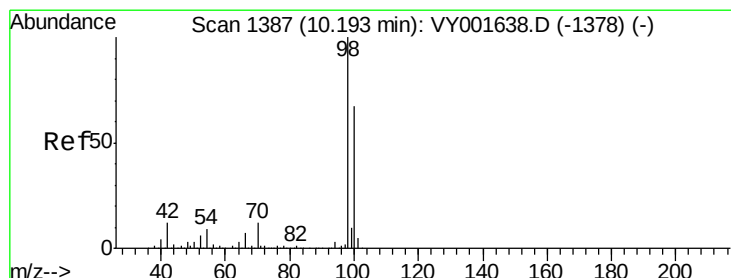
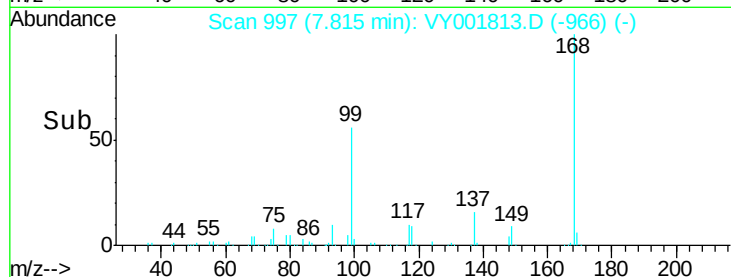
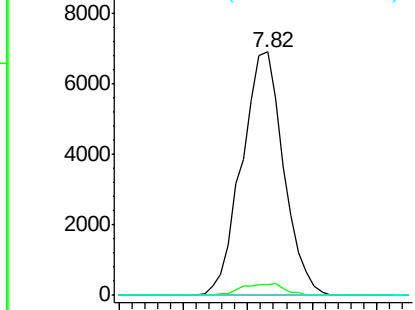
#38
Carbon Tetrachloride
Concen: 6.20 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.11 min
Lab File: VY001813.D
Acq: 02 Mar 2020 12:28

Instrument :
MSVOA_Y
ClientSampled :
G-7

Tgt Ion: 117 Resp: 15471
Ion Ratio Lower Upper
117 100
119 4.3 74.8 112.2#
121 0.0 23.8 35.6#

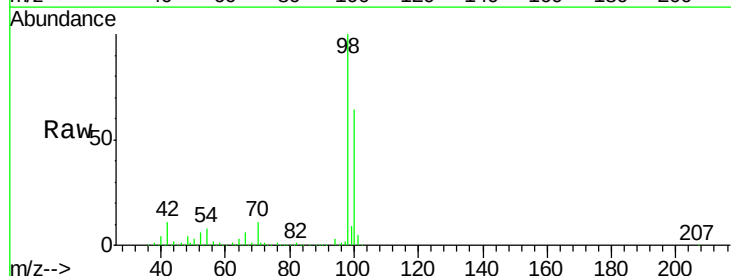


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

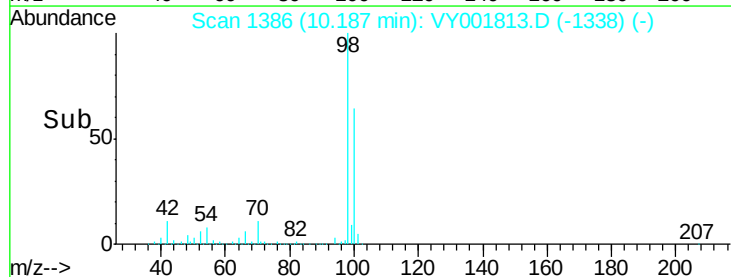
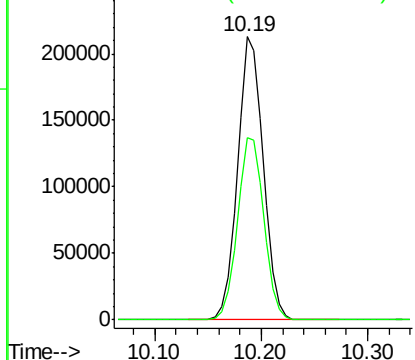


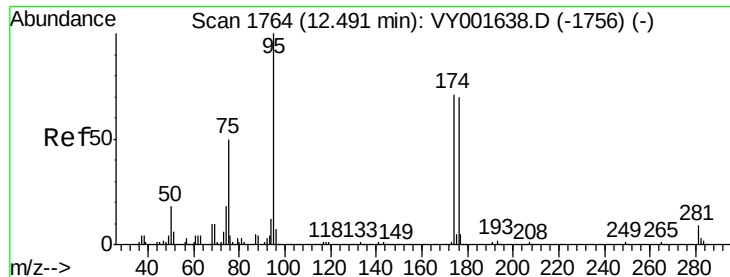
#50
Toluene-d8
Concen: 53.95 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001813.D
Acq: 02 Mar 2020 12:28

Tgt Ion: 98 Resp: 360155
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4



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

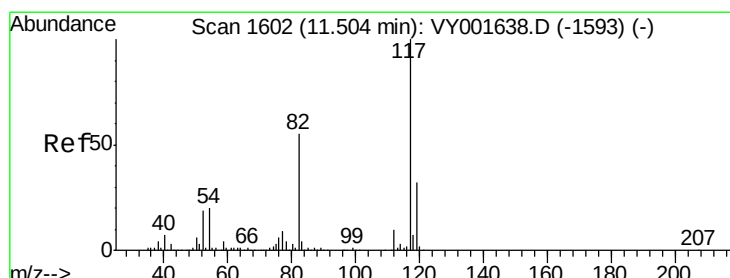
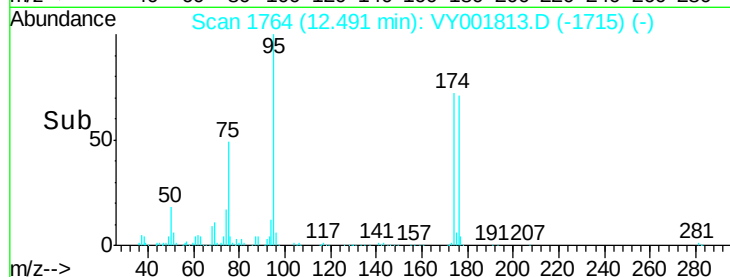
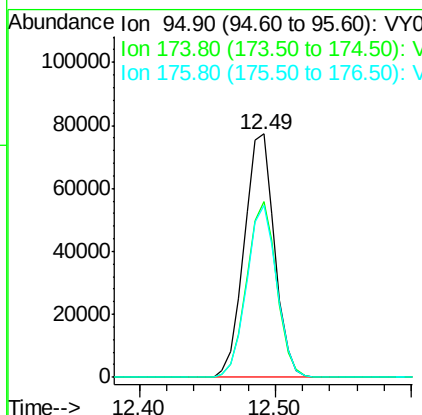
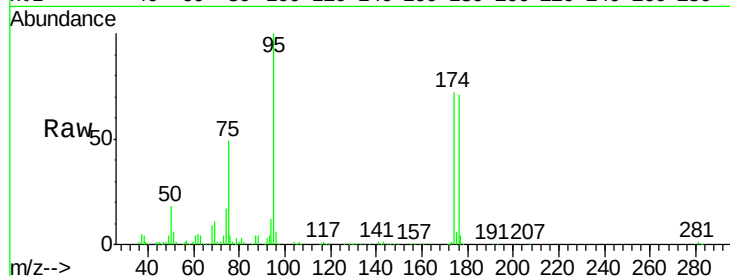




#62
4-Bromofluorobenzene
Concen: 46.44 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY001813.D
Acq: 02 Mar 2020 12:28

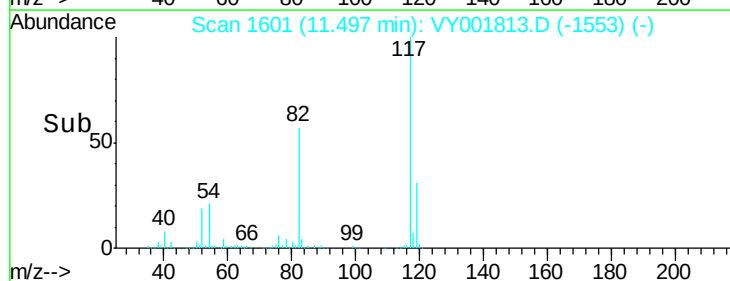
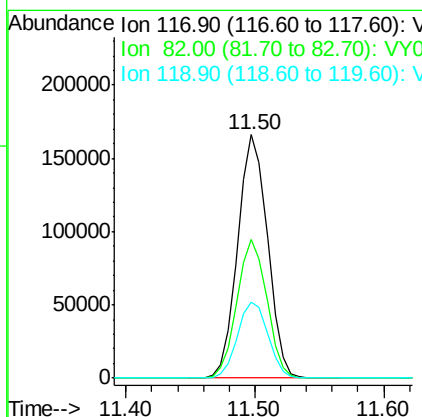
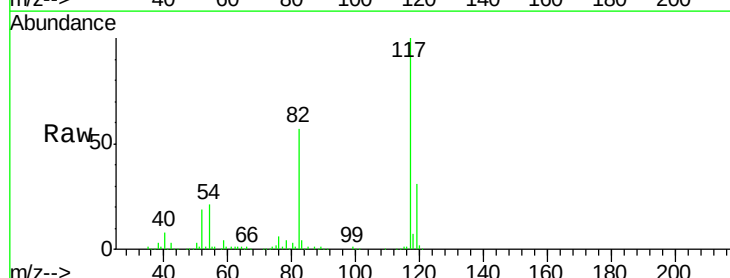
Instrument :
MSVOA_Y
ClientSampled :
G-7

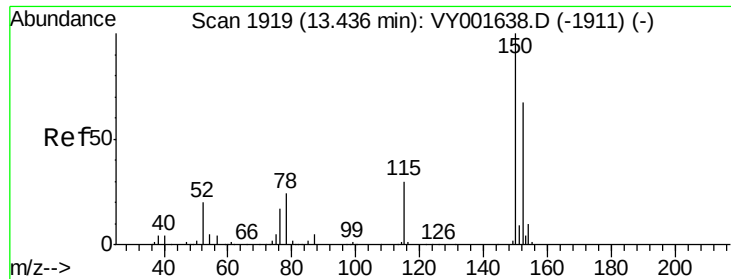
Tgt Ion: 95 Resp: 120443
Ion Ratio Lower Upper
95 100
174 71.2 0.0 138.4
176 70.1 0.0 131.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001813.D
Acq: 02 Mar 2020 12:28

Tgt Ion: 117 Resp: 266741
Ion Ratio Lower Upper
117 100
82 57.0 45.5 68.3
119 31.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001813.D

Acq: 02 Mar 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

G-7

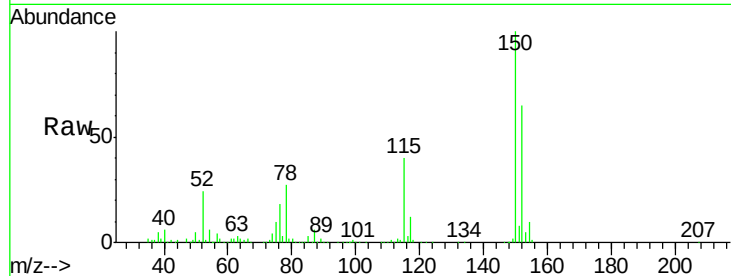
Tgt Ion:152 Resp: 115121

Ion Ratio Lower Upper

152 100

115 60.4 31.4 94.2

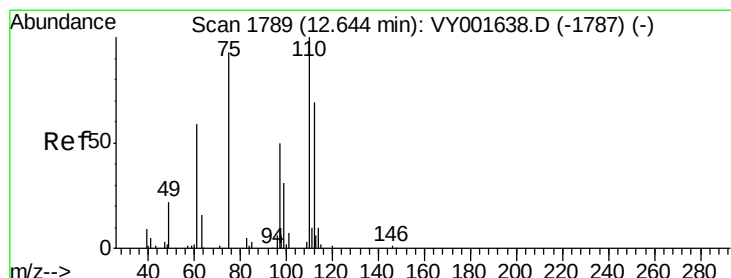
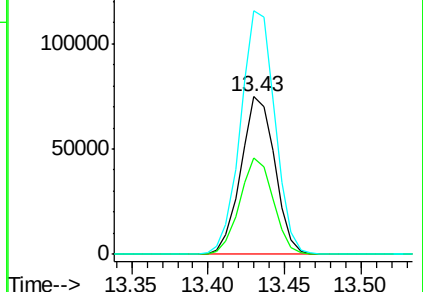
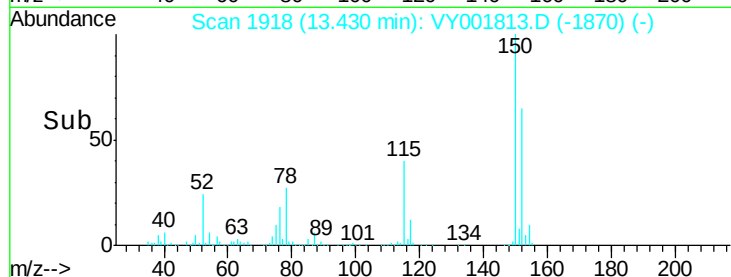
150 156.2 0.0 407.2



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: 45.75 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.16 min

Lab File: VY001813.D

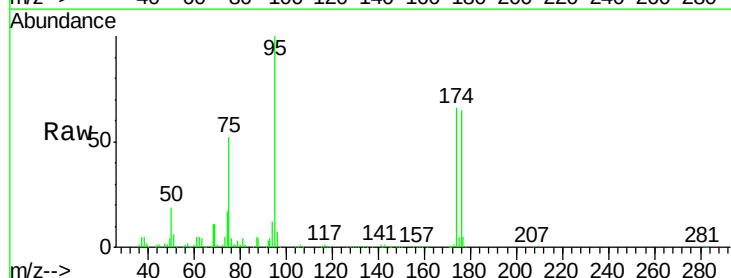
Acq: 02 Mar 2020 12:28

Tgt Ion: 75 Resp: 60412

Ion Ratio Lower Upper

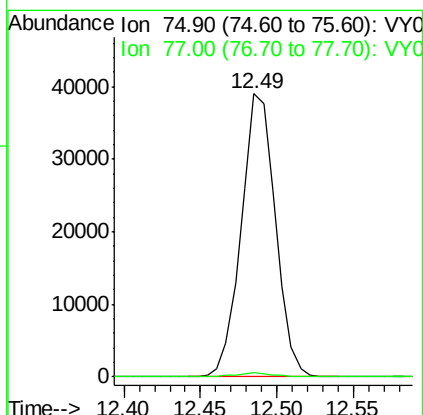
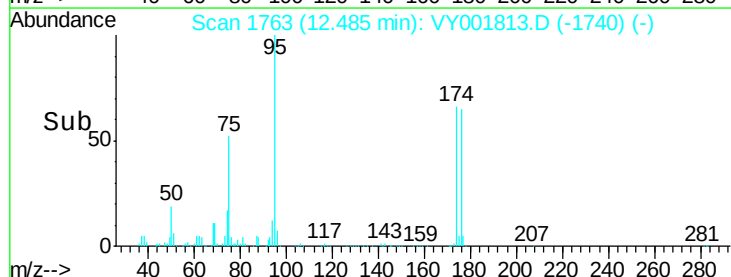
75 100

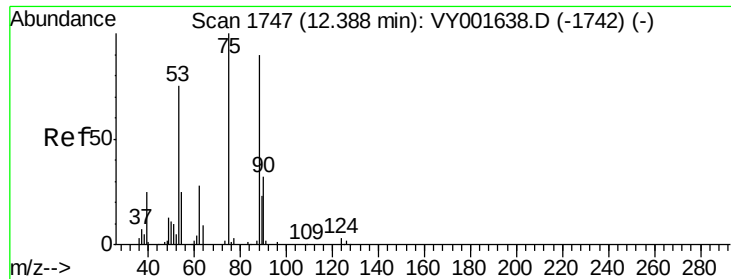
77 1.5 0.0 0.0#



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: 86.79 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY001813.D

Acq: 02 Mar 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

G-7

Tgt Ion: 75 Resp: 60412

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.0 36.3 54.5#

