

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030220\
 Data File : VY001819.D
 Acq On : 02 Mar 2020 14:42
 Operator : SY/MD
 Sample : L1743-13
 Misc : 8.51G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G-6

Quant Time: Mar 02 15:16:54 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	7.80	168	151134	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	288401	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	257117	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	113892	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	92723	57.04	ug/l	-0.02
Spiked Amount			Recovery	=	114.08%	
35) Dibromofluoromethane	7.73	113	81833	49.54	ug/l	-0.02
Spiked Amount			Recovery	=	99.08%	
50) Toluene-d8	10.19	98	344414	53.22	ug/l	0.00
Spiked Amount			Recovery	=	106.44%	
62) 4-Bromofluorobenzene	12.49	95	117655	46.80	ug/l	0.00
Spiked Amount			Recovery	=	93.60%	

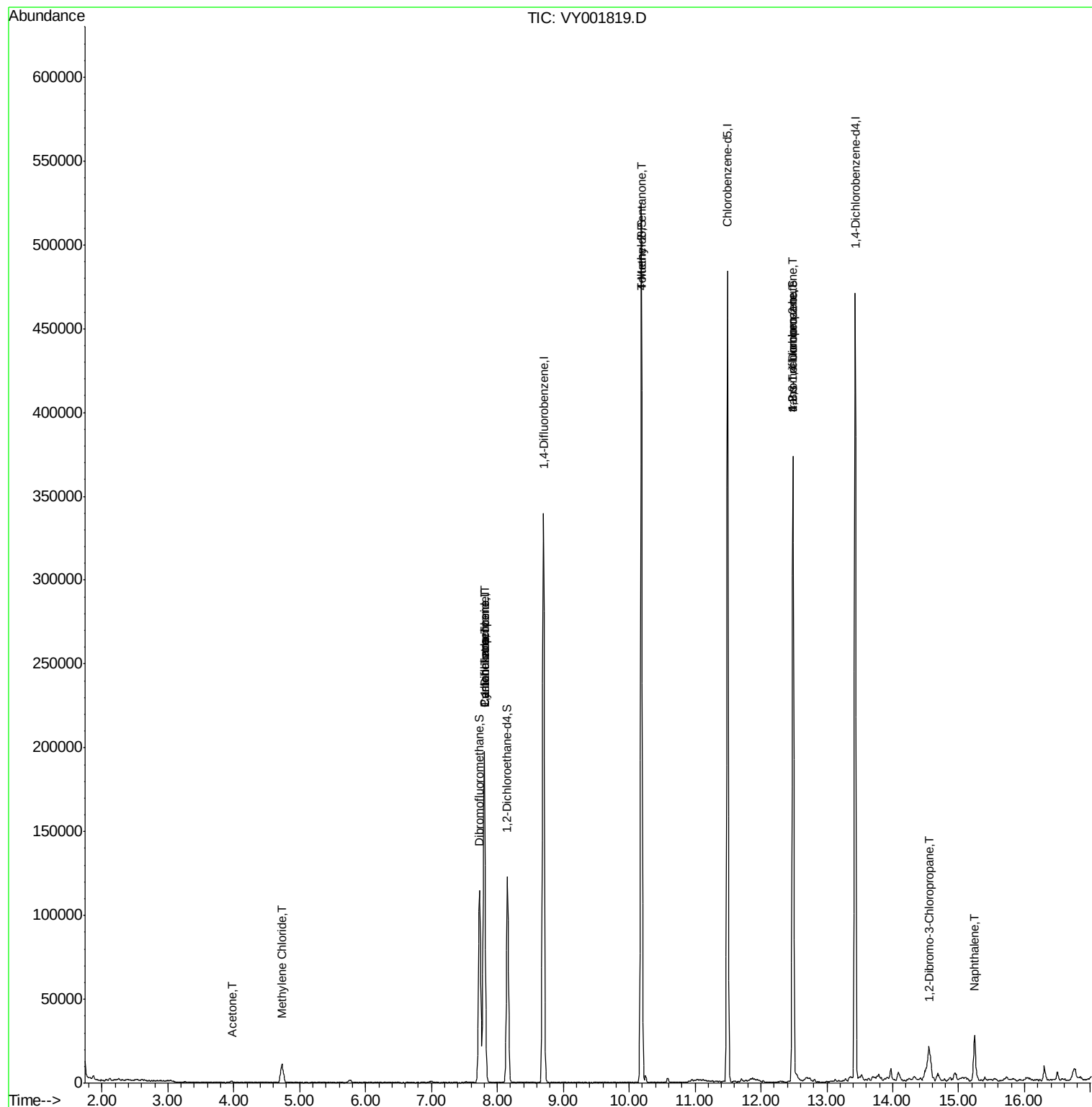
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.97	59	98	Below Cal	#	74
16) Acetone	3.97	43	1380	2.45	ug/l #	86
20) Methylene Chloride	4.74	84	8064	4.04	ug/l #	91
31) Cyclohexane	7.80	56	3427	1.00	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	12572	4.56	ug/l #	50
38) Carbon Tetrachloride	7.80	117	15387	6.36	ug/l #	17
51) 4-Methyl-2-Pentanone	10.18	43	1636	1.02	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	59774	45.75	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	59774	86.80	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	14.55	75	1625	5.31	ug/l #	14
95) Naphthalene	15.24	128	15505	3.01	ug/l #	96

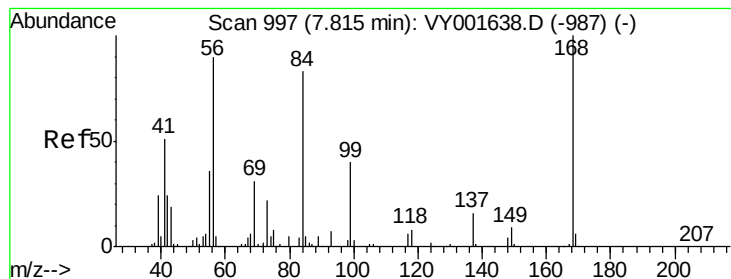
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY030220\
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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: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001819.D

Acq: 02 Mar 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

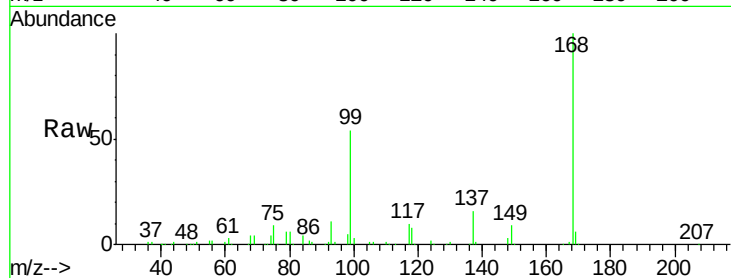
G-6

Tgt Ion:168 Resp: 151134

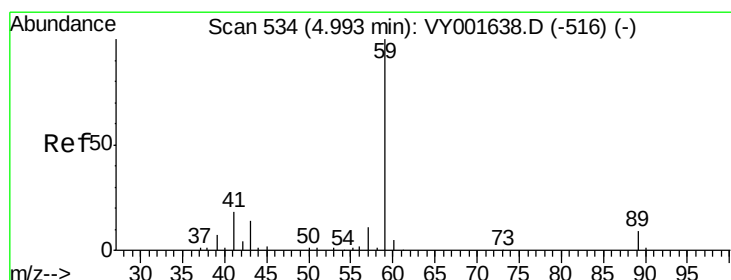
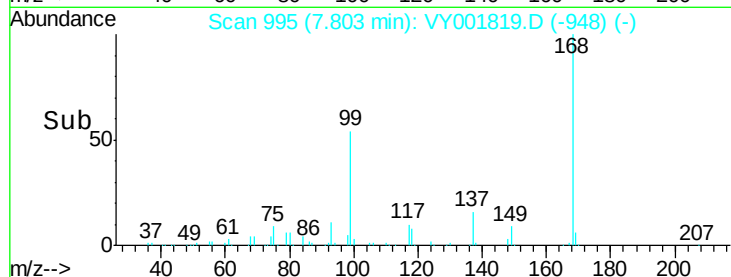
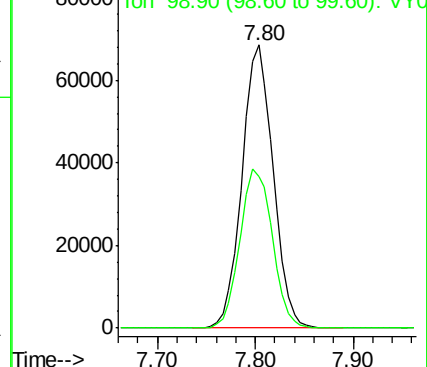
Ion Ratio Lower Upper

168 100

99 53.6 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001819.D (-948) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.97 min Scan# 531

Delta R.T. -0.02 min

Lab File: VY001819.D

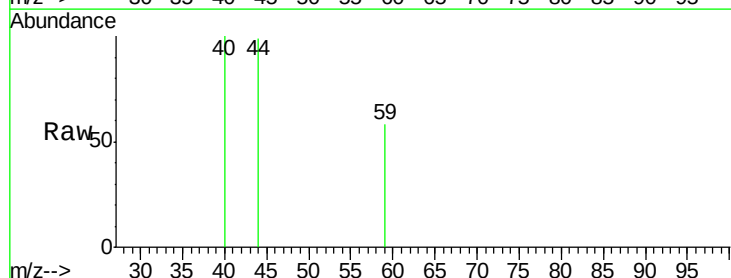
Acq: 02 Mar 2020 14:42

Tgt Ion: 59 Resp: 98

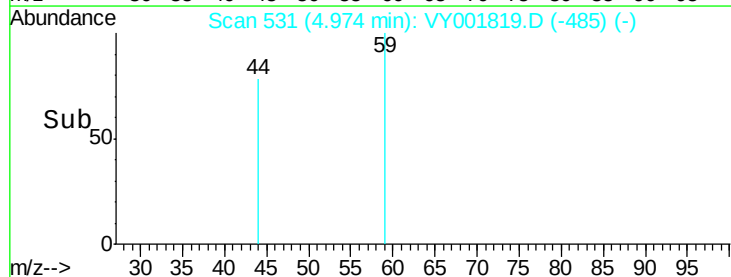
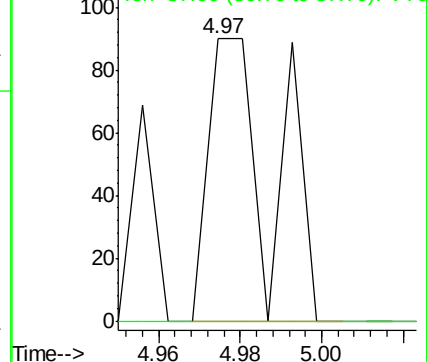
Ion Ratio Lower Upper

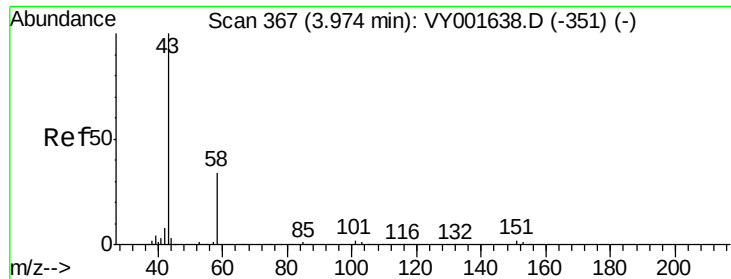
59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001819.D (-485) (-)





#16

Acetone

Concen: 2.45 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001819.D

Acq: 02 Mar 2020 14:42

Instrument :

MSVOA_Y

ClientSampled :

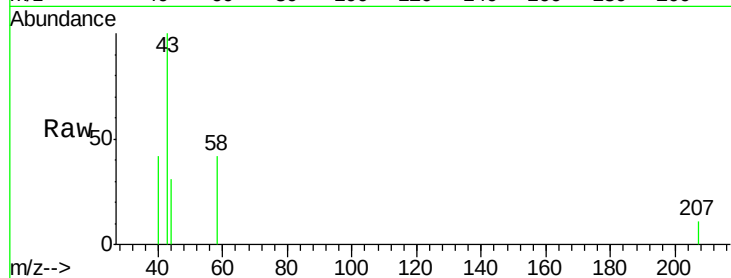
G-6

Tgt Ion: 43 Resp: 1380

Ion Ratio Lower Upper

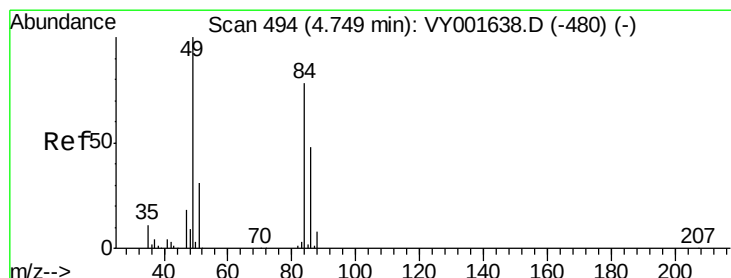
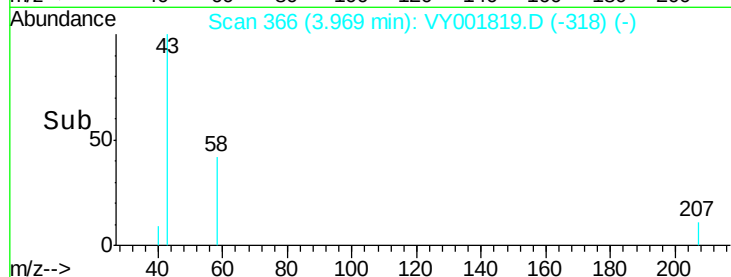
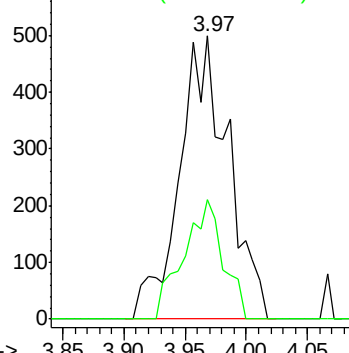
43 100

58 42.3 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VY001819.D (-366) (-)

Ion 58.00 (57.70 to 58.70): VY001819.D (-366) (-)



#20

Methylene Chloride

Concen: 4.04 ug/l

RT: 4.74 min Scan# 492

Delta R.T. -0.01 min

Lab File: VY001819.D

Acq: 02 Mar 2020 14:42

Tgt Ion: 84 Resp: 8064

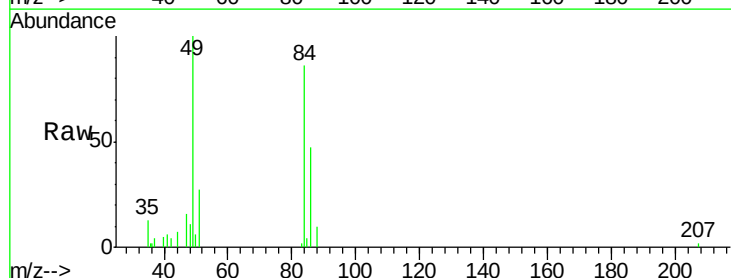
Ion Ratio Lower Upper

84 100

49 116.7 99.2 148.8

51 31.3 31.5 47.3#

86 55.3 51.0 76.6

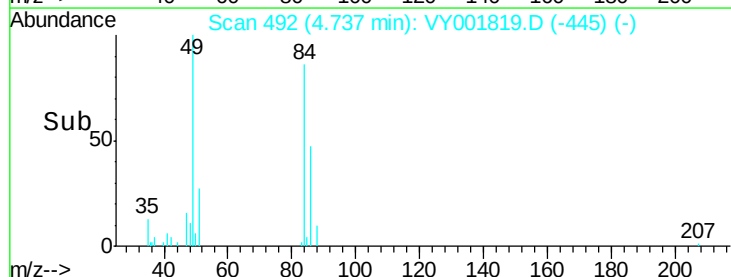
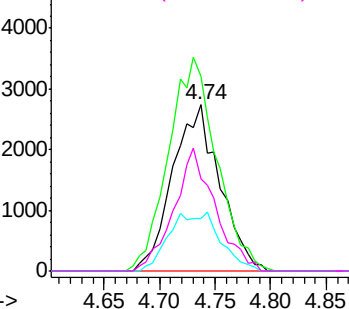


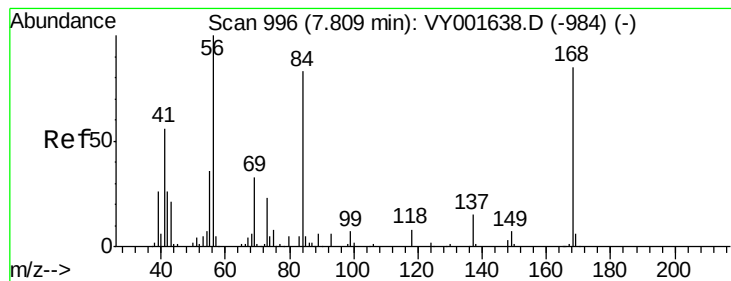
Abundance Ion 83.90 (83.60 to 84.60): VY001819.D (-492) (-)

Ion 48.90 (48.60 to 49.60): VY001819.D (-492) (-)

Ion 50.90 (50.60 to 51.60): VY001819.D (-492) (-)

Ion 85.90 (85.60 to 86.60): VY001819.D (-492) (-)





#31

Cyclohexane

Concen: 1.00 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001819.D

Acq: 02 Mar 2020 14:42

Instrument :

MSVOA_Y

ClientSampled :

G-6

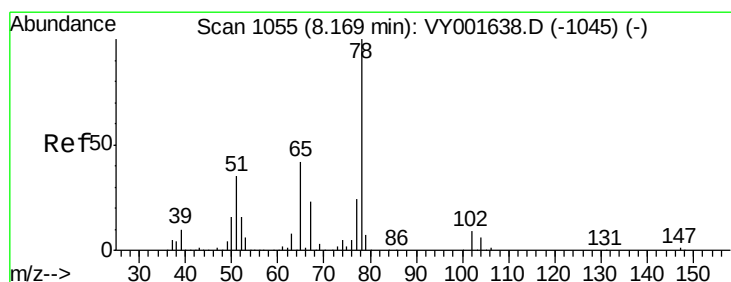
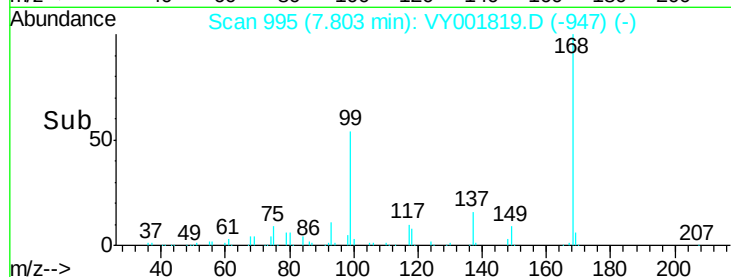
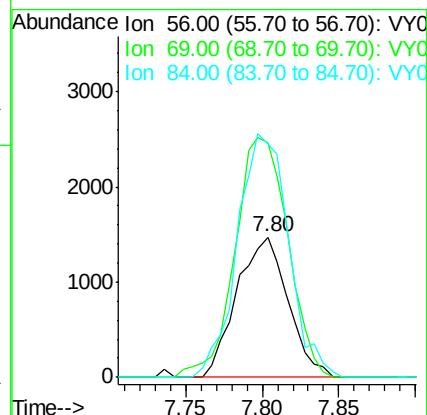
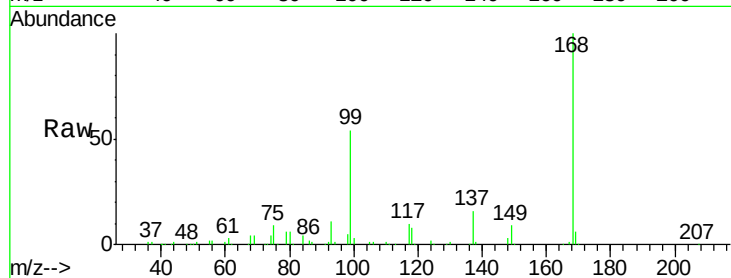
Tgt Ion: 56 Resp: 3427

Ion Ratio Lower Upper

56 100

69 167.6 25.1 37.7#

84 166.2 66.9 100.3#



#33

1,2-Dichloroethane-d4

Concen: 57.04 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.02 min

Lab File: VY001819.D

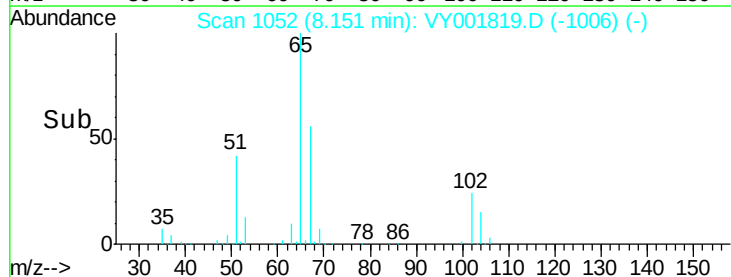
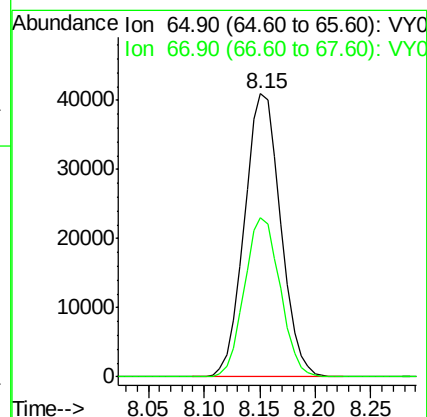
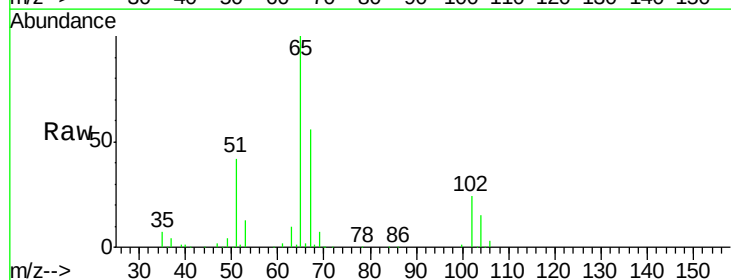
Acq: 02 Mar 2020 14:42

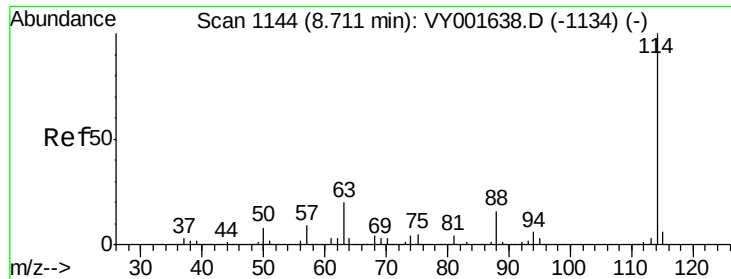
Tgt Ion: 65 Resp: 92723

Ion Ratio Lower Upper

65 100

67 55.3 0.0 111.0

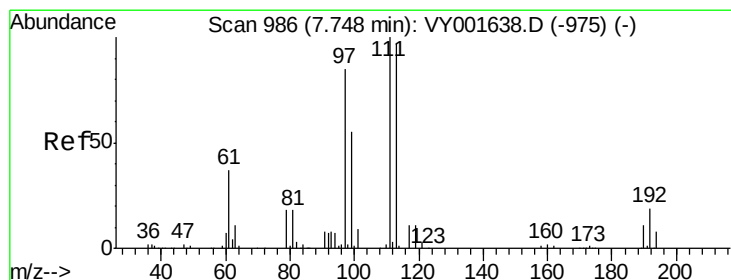
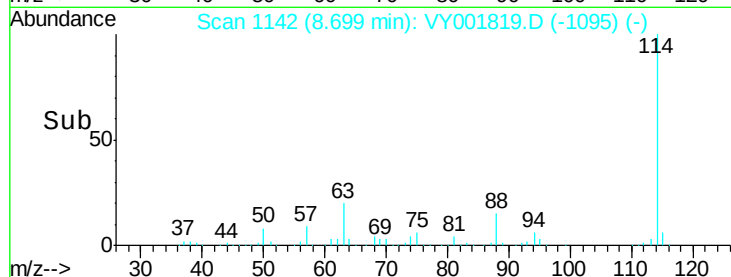
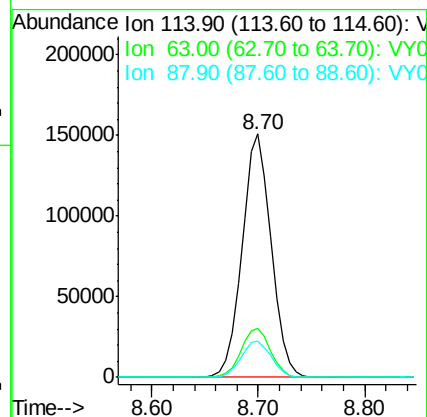
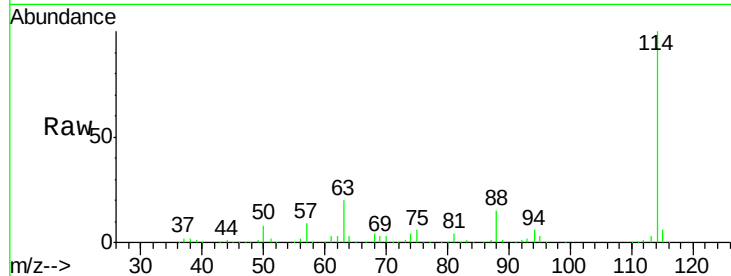




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001819.D
 Acq: 02 Mar 2020 14:42

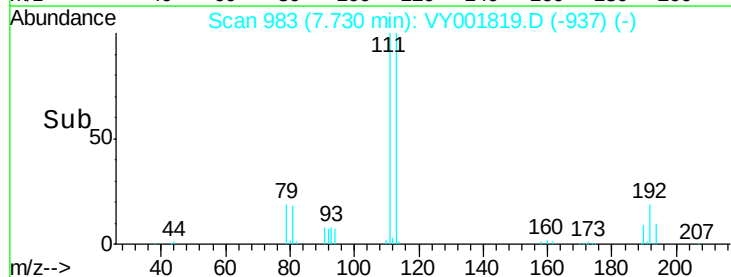
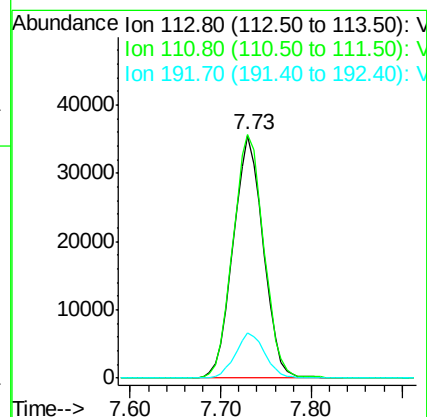
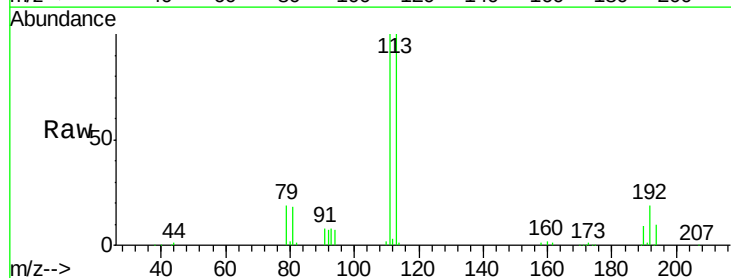
Instrument :
 MSVOA_Y
 ClientSampleId :
 G-6

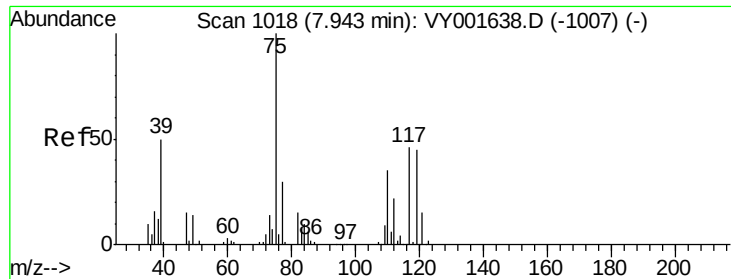
Tgt Ion:114 Resp: 288401
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.4
 88 15.0 0.0 32.8



#35
 Dibromofluoromethane
 Concen: 49.54 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: VY001819.D
 Acq: 02 Mar 2020 14:42

Tgt Ion:113 Resp: 81833
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.9 122.9
 192 18.4 14.3 21.5

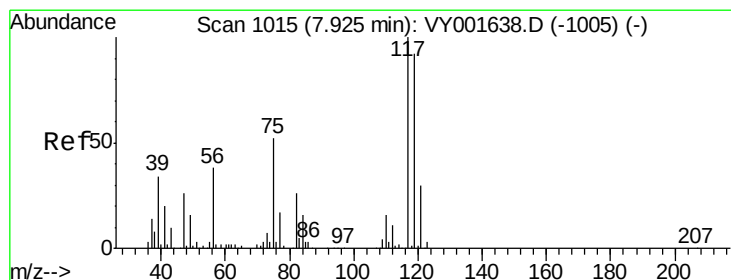
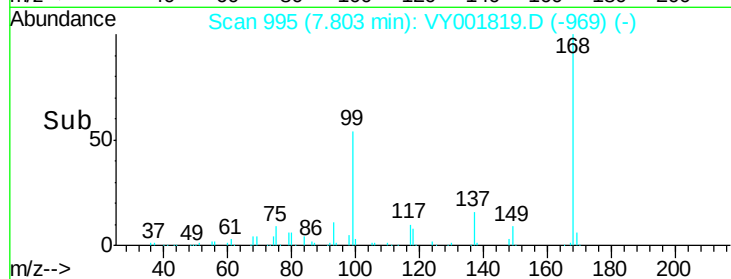
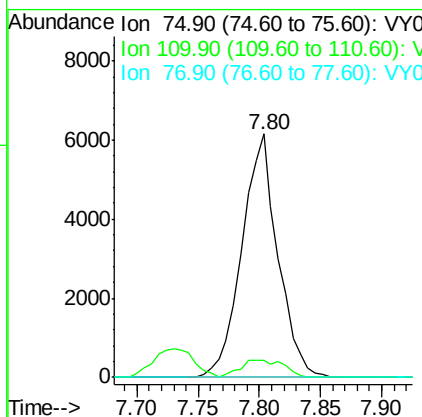
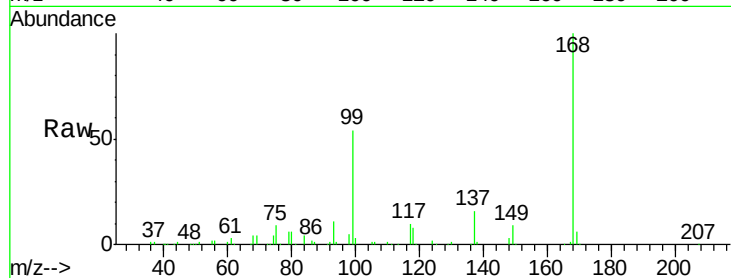




#36
 1,1-Dichloropropene
 Concen: 4.56 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.14 min
 Lab File: VY001819.D
 Acq: 02 Mar 2020 14:42

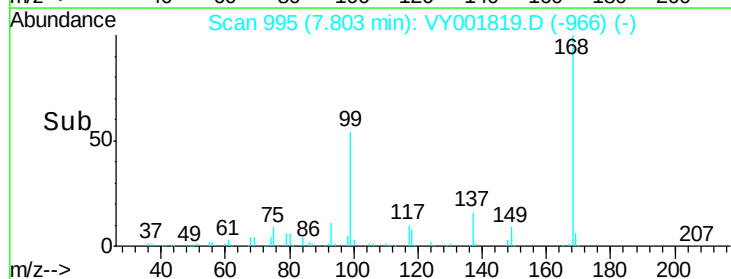
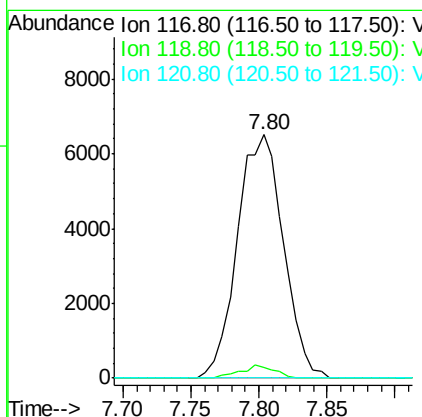
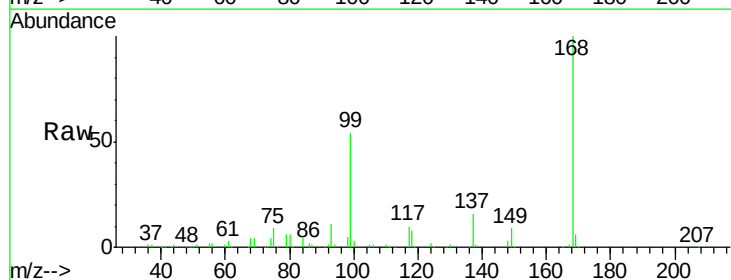
Instrument :
 MSVOA_Y
 ClientSampleId :
 G-6

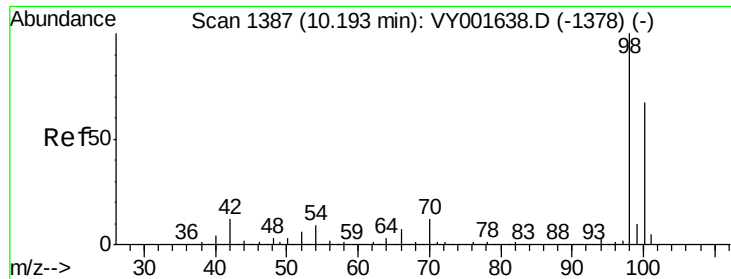
Tgt Ion: 75 Resp: 12572
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.2 51.6#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.36 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY001819.D
 Acq: 02 Mar 2020 14:42

Tgt Ion: 117 Resp: 15387
 Ion Ratio Lower Upper
 117 100
 119 4.6 74.8 112.2#
 121 0.0 23.8 35.6#





#50

Toluene-d8

Concen: 53.22 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001819.D

Acq: 02 Mar 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

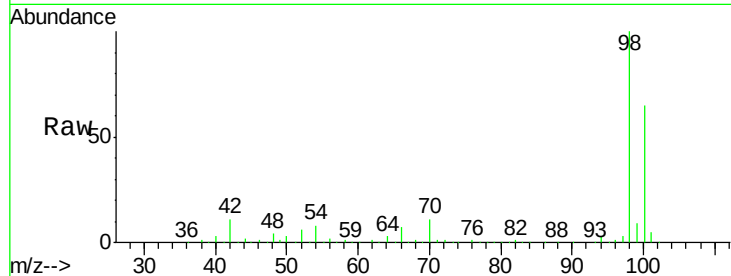
G-6

Tgt Ion: 98 Resp: 344414

Ion Ratio Lower Upper

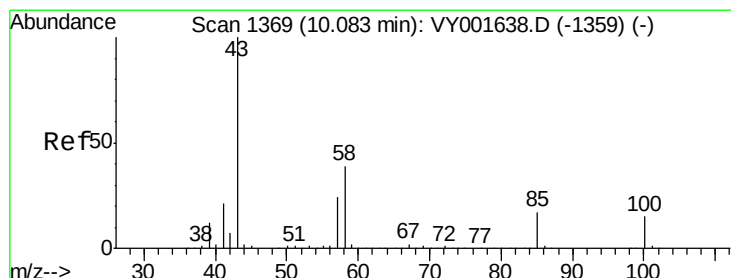
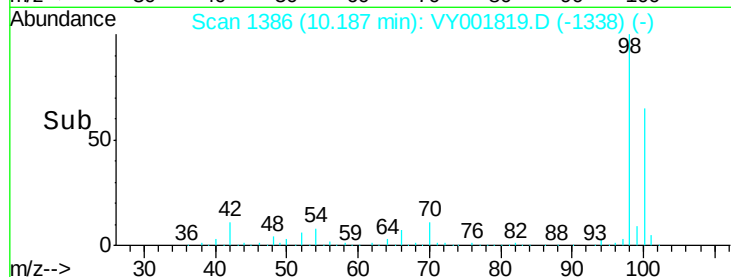
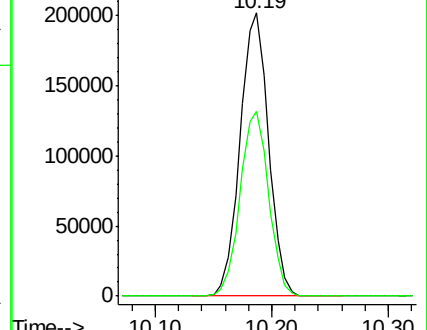
98 100

100 65.6 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001638.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001638.D (-1378) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.02 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.10 min

Lab File: VY001819.D

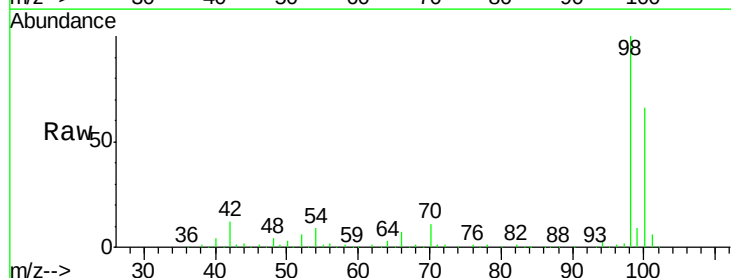
Acq: 02 Mar 2020 14:42

Tgt Ion: 43 Resp: 1636

Ion Ratio Lower Upper

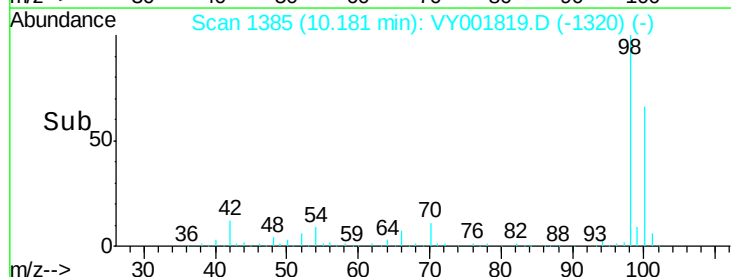
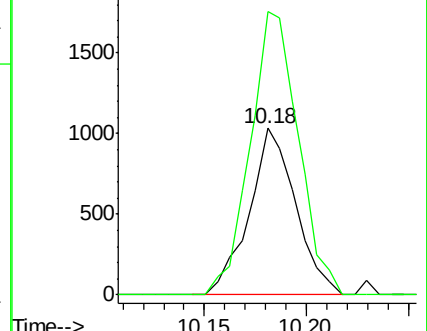
43 100

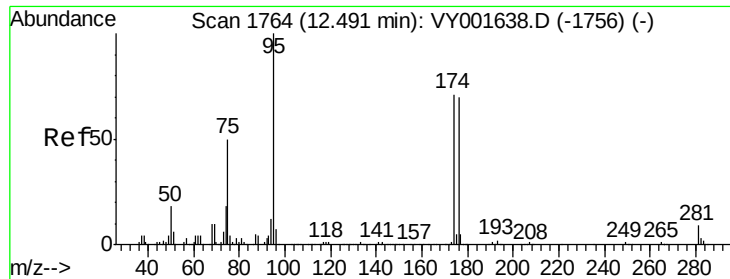
58 176.2 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VY001638.D (-1359) (-)

Ion 58.00 (57.70 to 58.70): VY001638.D (-1359) (-)

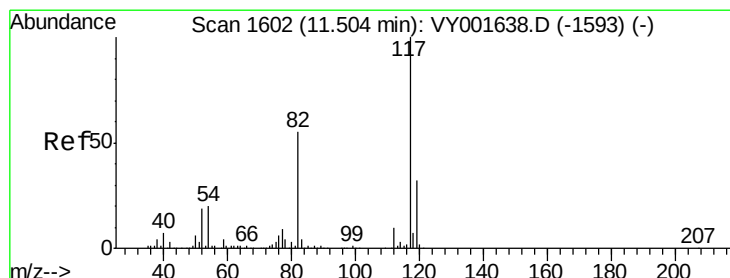
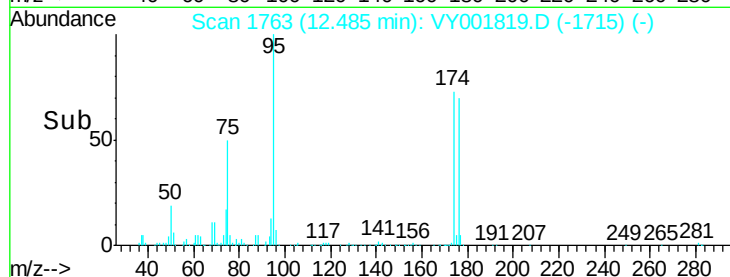
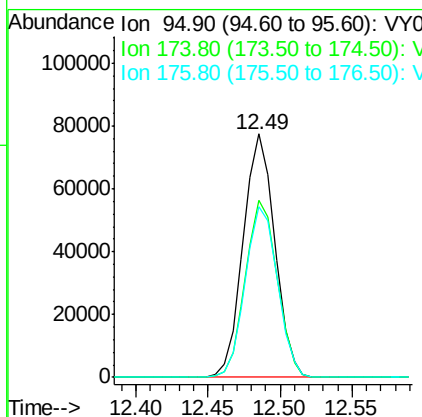
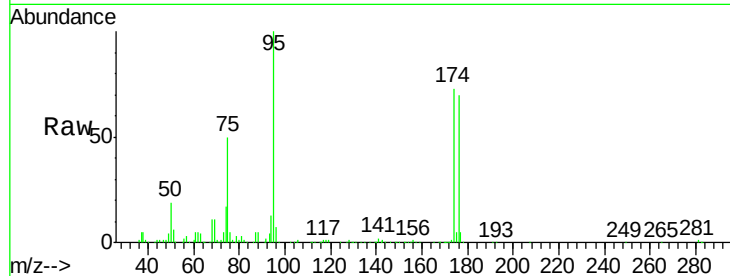




#62
4-Bromofluorobenzene
Concen: 46.80 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001819.D
Acq: 02 Mar 2020 14:42

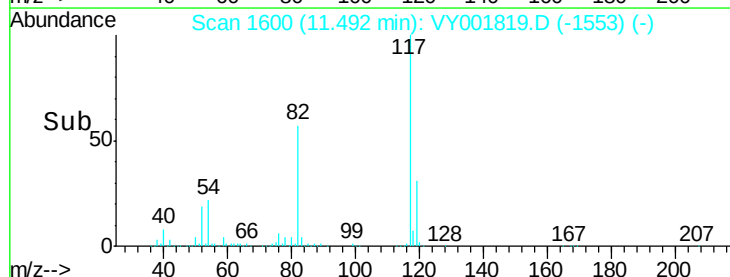
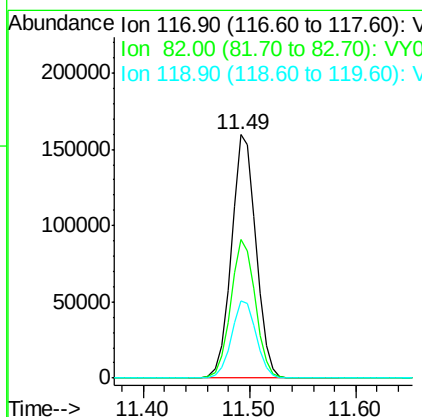
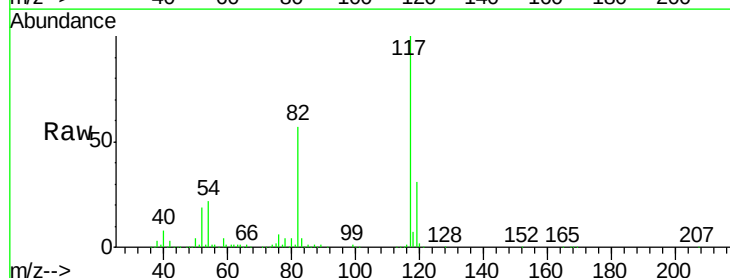
Instrument :
MSVOA_Y
ClientSampled :
G-6

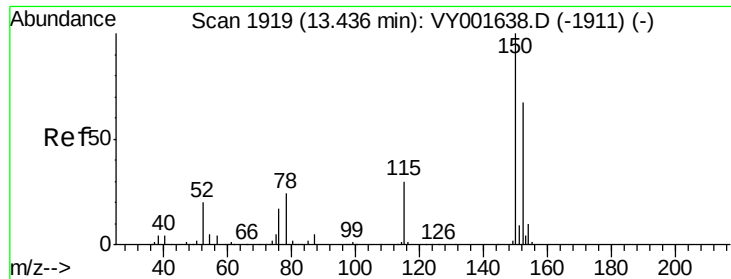
Tgt Ion: 95 Resp: 117655
Ion Ratio Lower Upper
95 100
174 73.5 0.0 138.4
176 71.1 0.0 131.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001819.D
Acq: 02 Mar 2020 14:42

Tgt Ion: 117 Resp: 257117
Ion Ratio Lower Upper
117 100
82 57.0 45.5 68.3
119 31.5 25.8 38.6



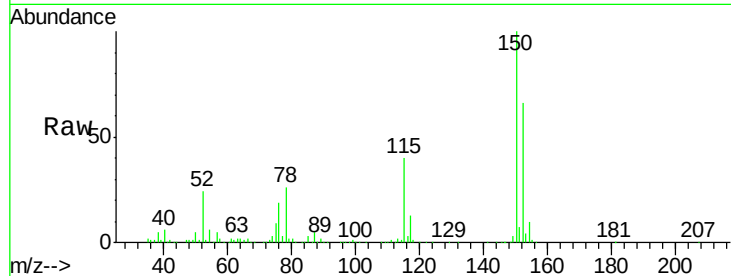


#72

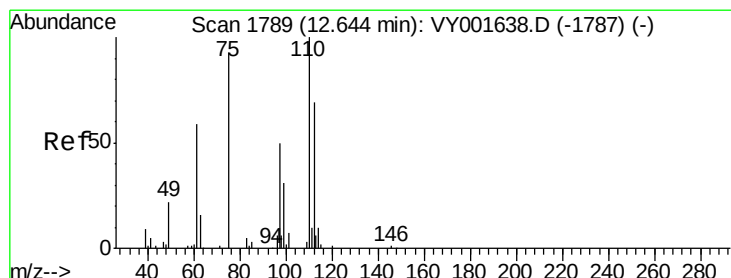
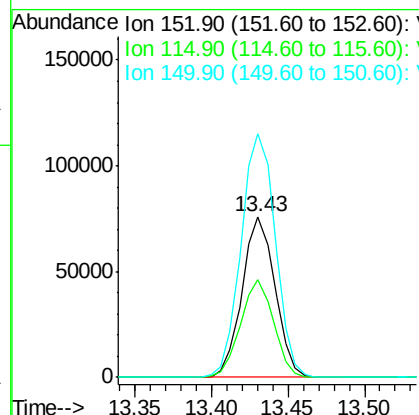
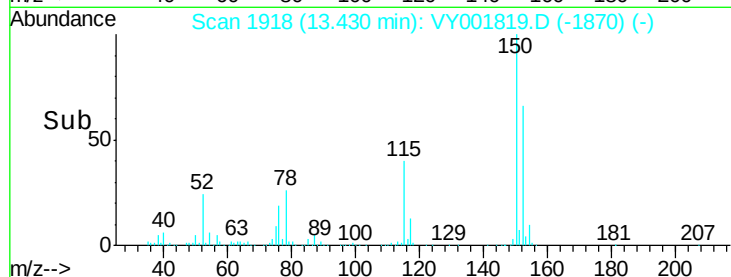
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001819.D
Acq: 02 Mar 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
G-6

Tgt Ion:152 Resp: 113892
Ion Ratio Lower Upper
152 100
115 61.2 31.4 94.2
150 157.2 0.0 407.2



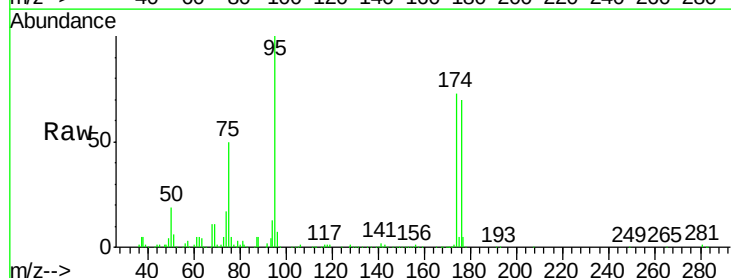
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



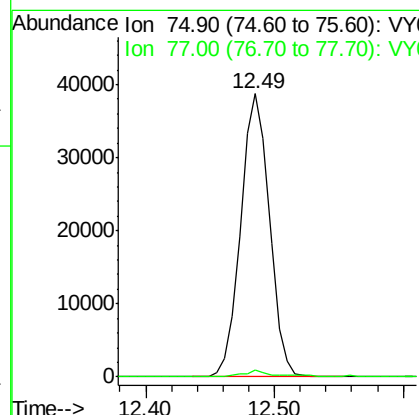
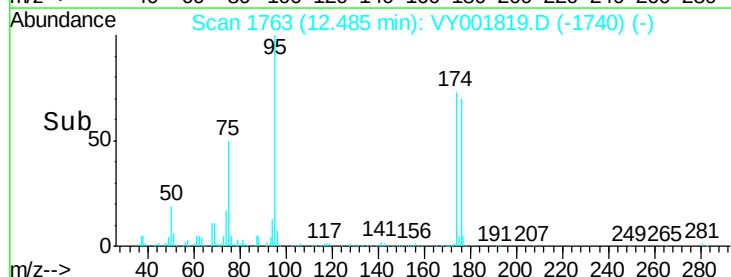
#76

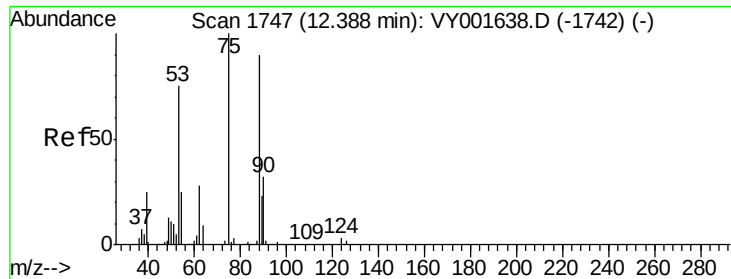
1,2,3-Trichloropropane
Concen: 45.75 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.16 min
Lab File: VY001819.D
Acq: 02 Mar 2020 14:42

Tgt Ion: 75 Resp: 59774
Ion Ratio Lower Upper
75 100
77 2.9 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: 86.80 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY001819.D

Acq: 02 Mar 2020 14:42

Instrument :

MSVOA_Y

ClientSampled :

G-6

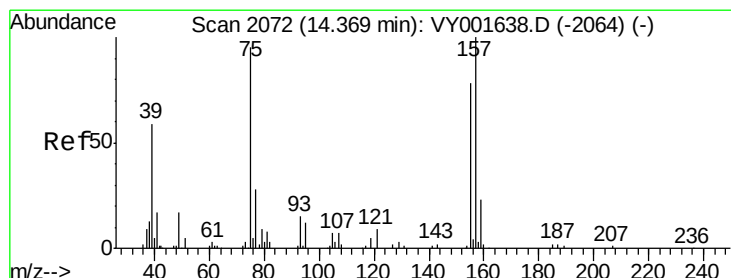
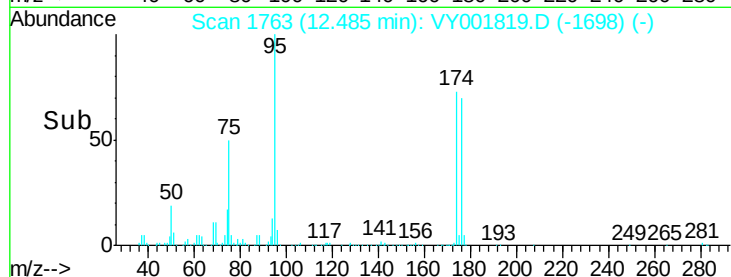
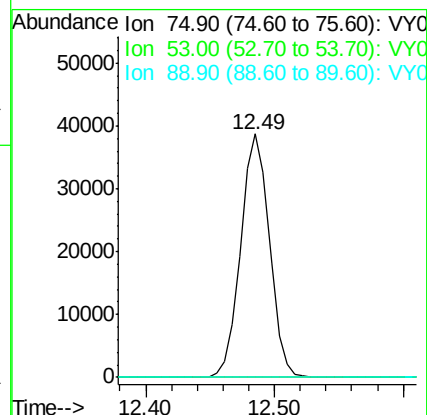
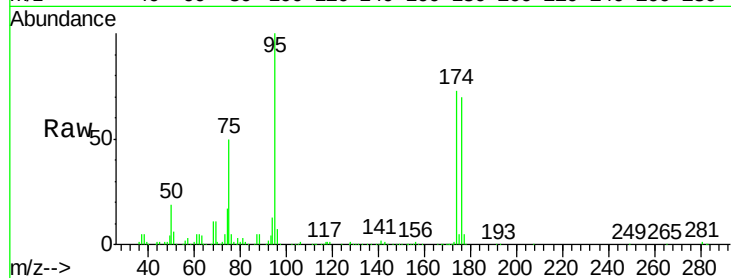
Tgt Ion: 75 Resp: 59774

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.0 36.3 54.5#



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.31 ug/l

RT: 14.55 min Scan# 2102

Delta R.T. 0.18 min

Lab File: VY001819.D

Acq: 02 Mar 2020 14:42

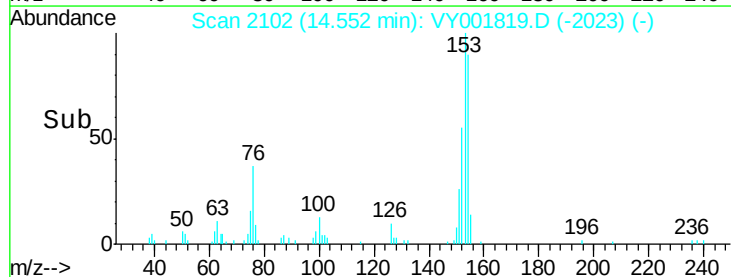
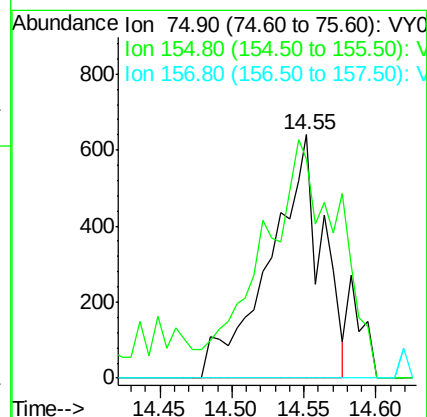
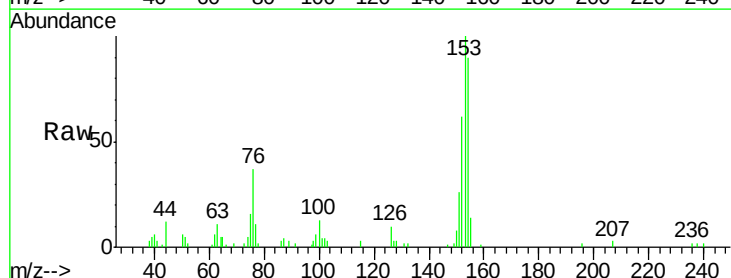
Tgt Ion: 75 Resp: 1625

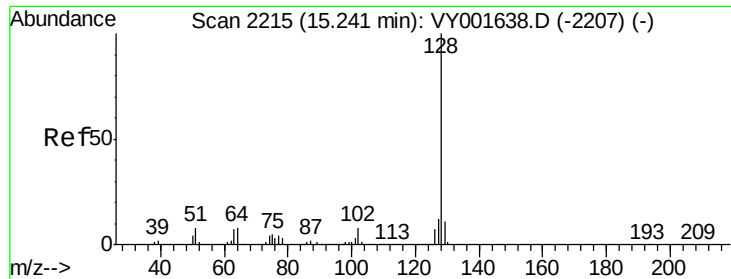
Ion Ratio Lower Upper

75 100

155 139.9 40.8 122.4#

157 0.0 52.1 156.4#

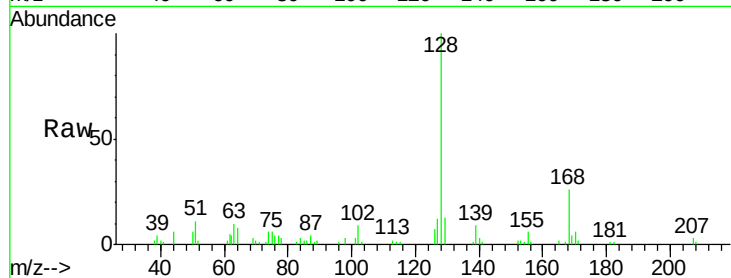




#95
Naphthalene
Concen: 3.01 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY001819.D
Acq: 02 Mar 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
G-6

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	9.9	14.9
129	13.3	8.6	13.0



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

