

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030220\
 Data File : VY001816.D
 Acq On : 02 Mar 2020 13:35
 Operator : SY/MD
 Sample : L1743-07
 Misc : 7.97G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G-3

Quant Time: Mar 02 13:58:56 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	148147	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	283111	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	252021	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	102812	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	89210	55.98	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	111.96%	
35) Dibromofluoromethane	7.73	113	82195	50.69	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	101.38%	
50) Toluene-d8	10.18	98	338871	53.34	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	106.68%	
62) 4-Bromofluorobenzene	12.49	95	109992	44.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.14%	

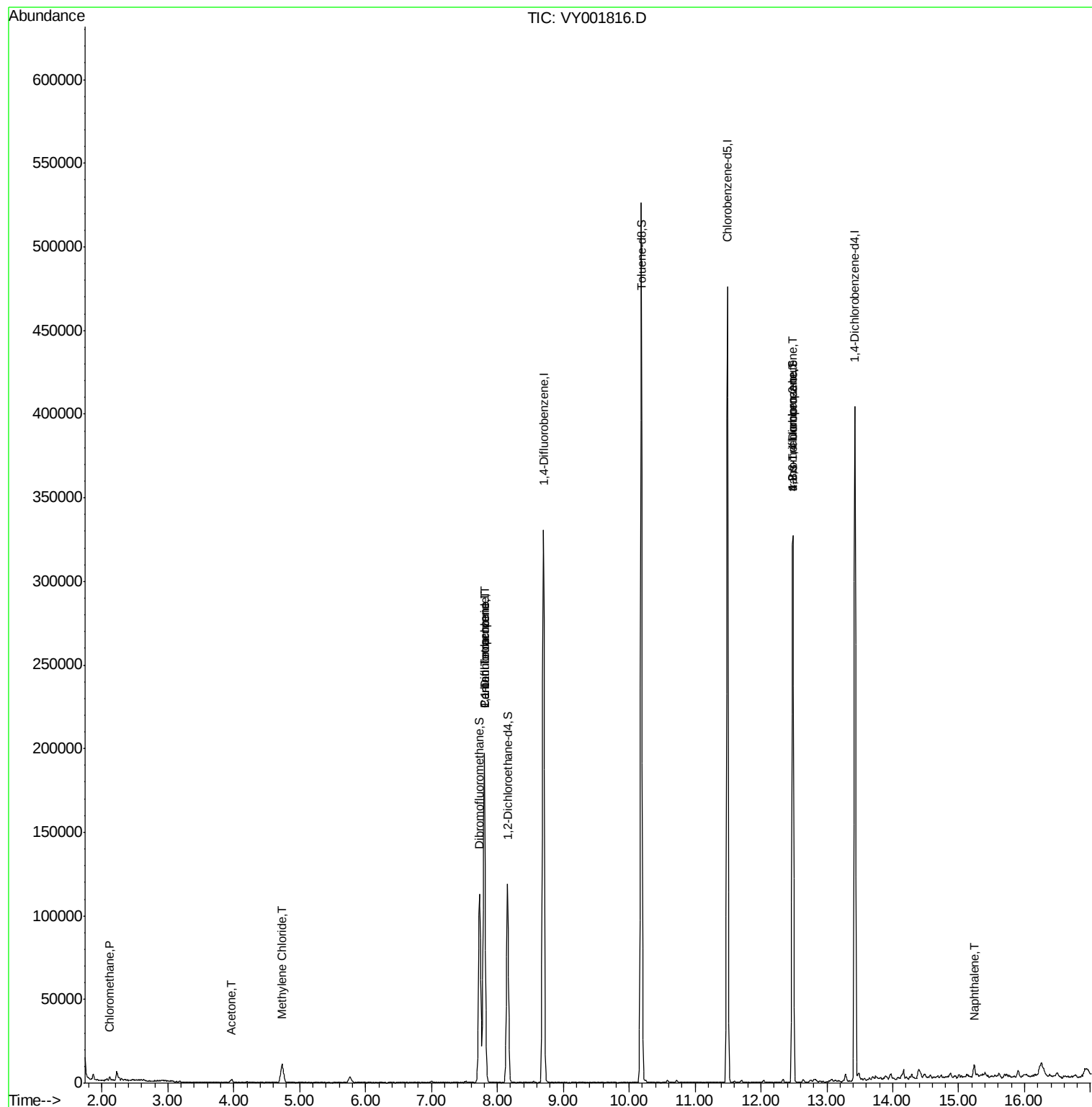
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.11	50	1956	1.01	ug/l	# 83
11) Tert butyl alcohol	4.99	59	78	Below	Cal	# 74
16) Acetone	3.97	43	2977	5.40	ug/l	94
20) Methylene Chloride	4.74	84	8330	4.25	ug/l	89
36) 1,1-Dichloropropene	7.80	75	12425	4.59	ug/l	# 50
38) Carbon Tetrachloride	7.80	117	14689	6.18	ug/l	# 16
76) 1,2,3-Trichloropropane	12.49	75	55630	47.17	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.49	75	55630	89.49	ug/l	# 17
95) Naphthalene	15.24	128	4823	1.04	ug/l	# 94

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

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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: VY001816.D

Acq: 02 Mar 2020 13:35

Instrument :

MSVOA_Y

ClientSampled :

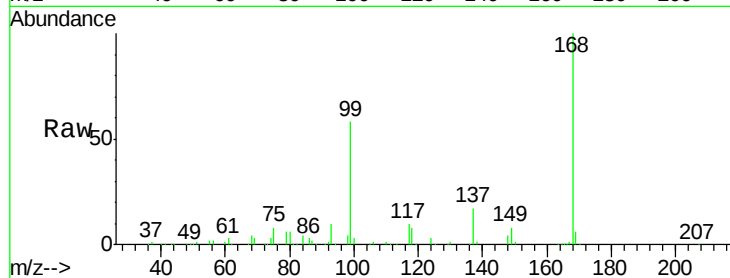
G-3

Tgt Ion:168 Resp: 148147

Ion Ratio Lower Upper

168 100

99 58.3 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001816.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001816.D (-948) (-)

7.80

60000

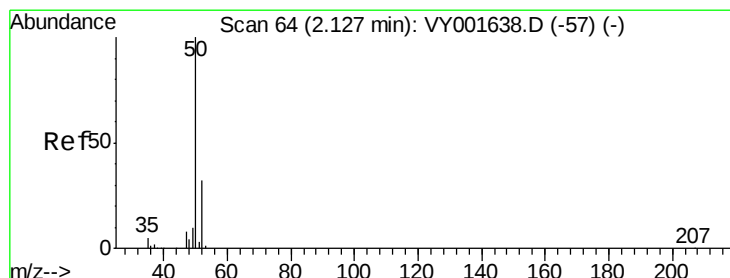
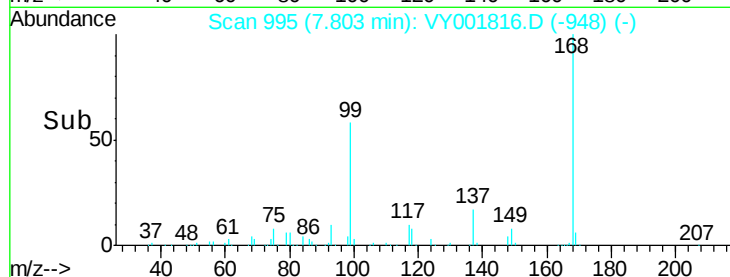
40000

20000

0

7.70 7.80 7.90

Time-->



#3

Chloromethane

Concen: 1.01 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY001816.D

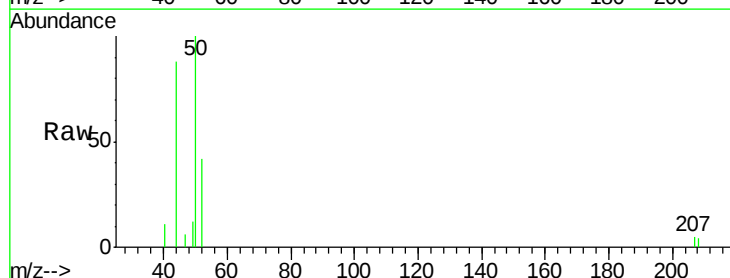
Acq: 02 Mar 2020 13:35

Tgt Ion: 50 Resp: 1956

Ion Ratio Lower Upper

50 100

52 41.6 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VY001816.D (-15) (-)

Ion 51.90 (51.60 to 52.60): VY001816.D (-15) (-)

2.11

1500

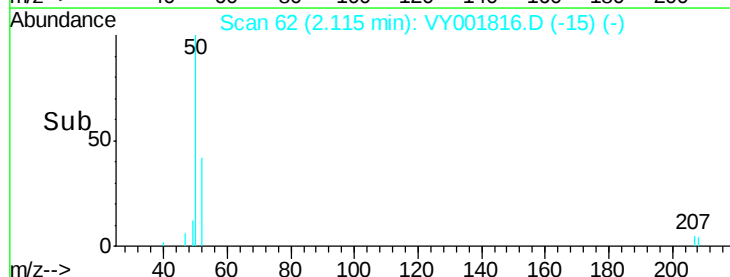
1000

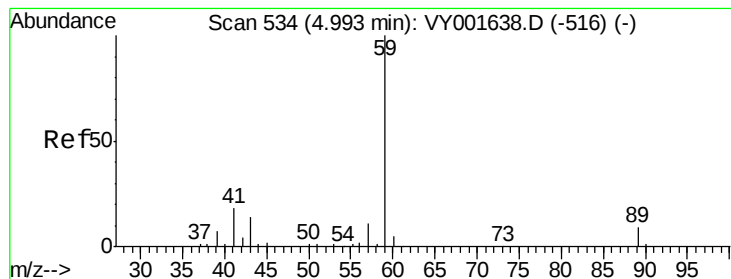
500

0

2.05 2.10 2.15

Time-->



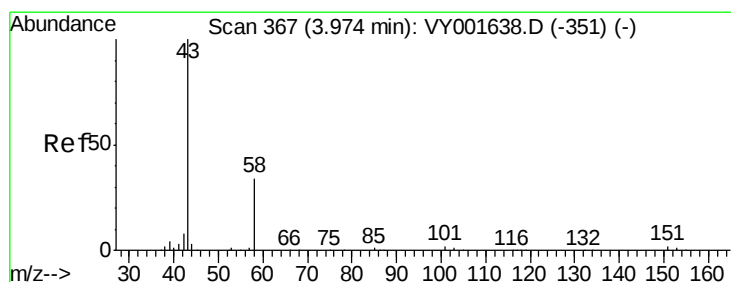
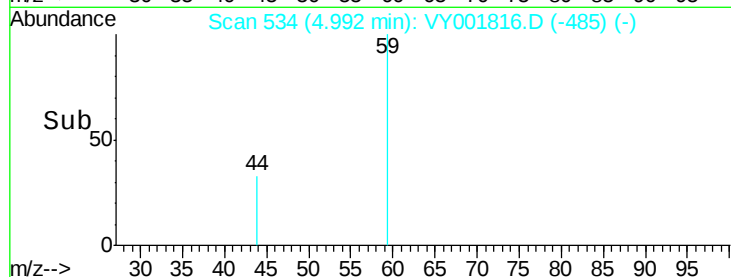
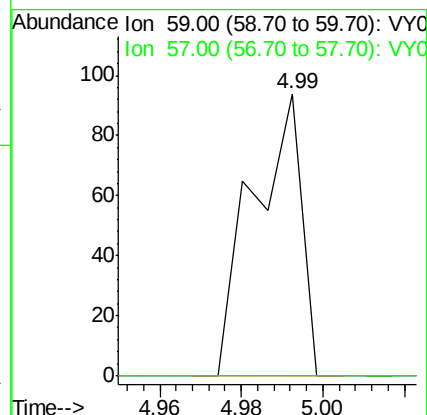
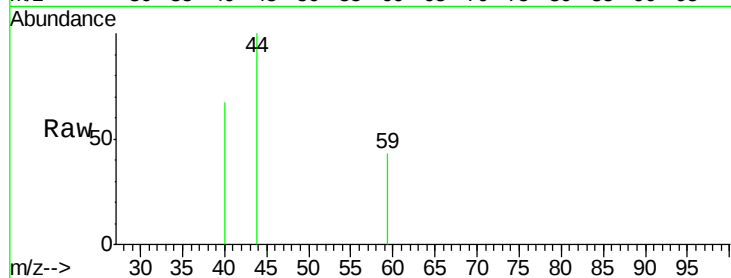


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.99 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VY001816.D
 Acq: 02 Mar 2020 13:35

Instrument :
 MSVOA_Y
 ClientSampled :
 G-3

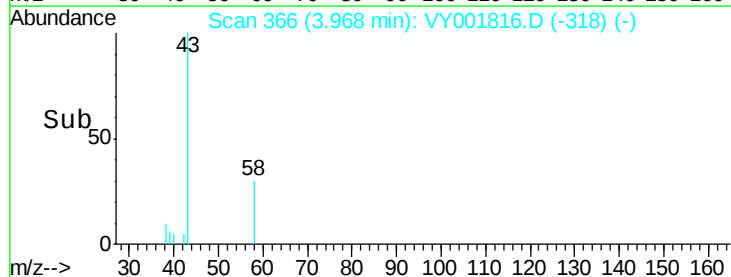
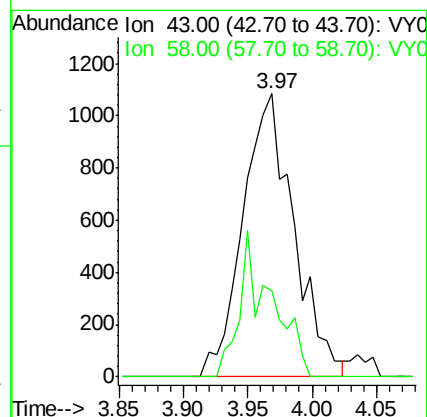
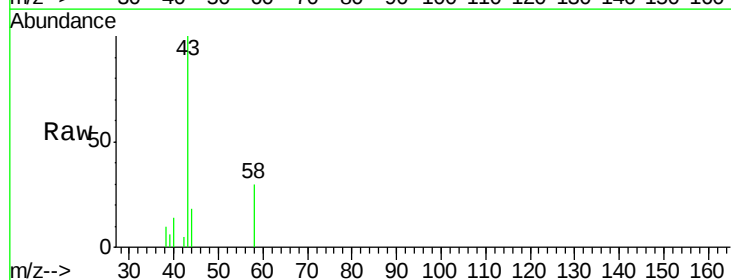
Tgt Ion: 59 Resp: 78
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

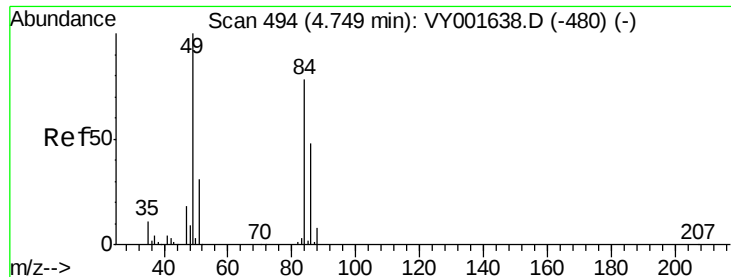


#16

Acetone
 Concen: 5.40 ug/l
 RT: 3.97 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VY001816.D
 Acq: 02 Mar 2020 13:35

Tgt Ion: 43 Resp: 2977
 Ion Ratio Lower Upper
 43 100
 58 30.4 27.3 40.9

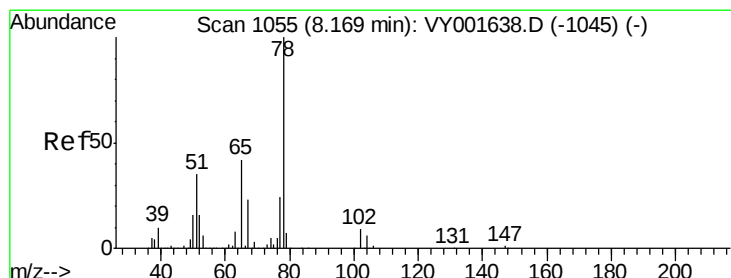
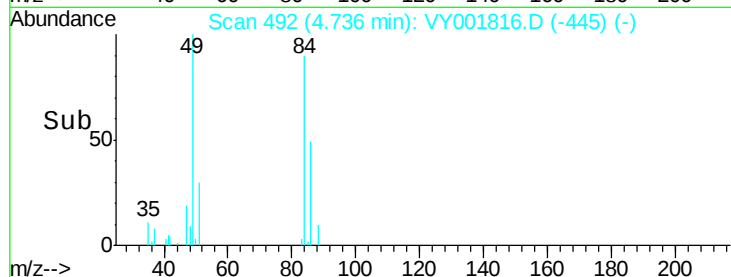
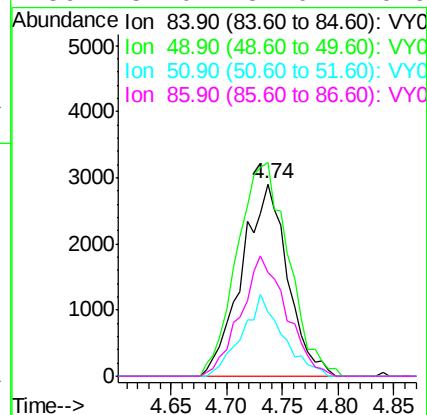
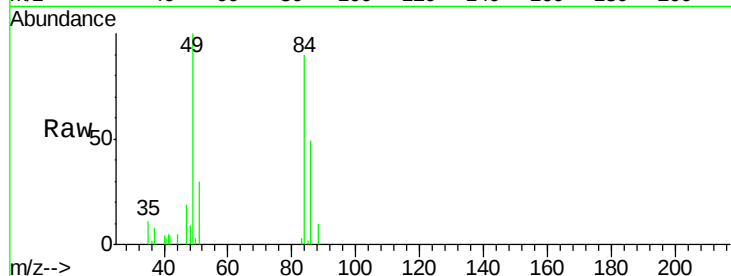




#20
Methylene Chloride
Concen: 4.25 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.01 min
Lab File: VY001816.D
Acq: 02 Mar 2020 13:35

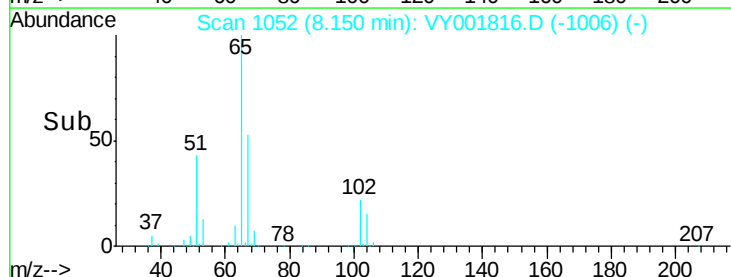
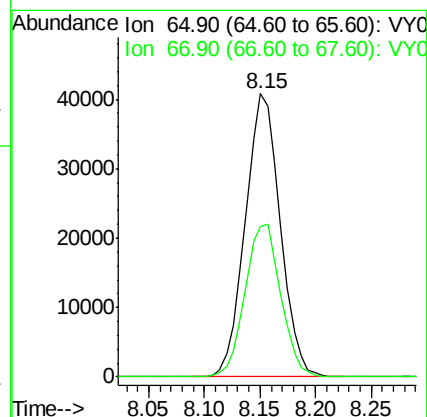
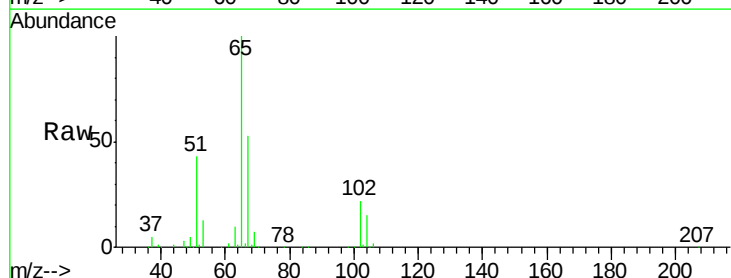
Instrument :
MSVOA_Y
ClientSampleId :
G-3

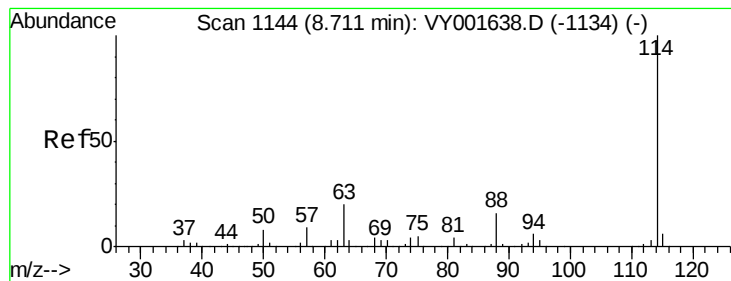
Tgt Ion: 84 Resp: 8330
Ion Ratio Lower Upper
84 100
49 111.1 99.2 148.8
51 33.2 31.5 47.3
86 54.0 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 55.98 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.02 min
Lab File: VY001816.D
Acq: 02 Mar 2020 13:35

Tgt Ion: 65 Resp: 89210
Ion Ratio Lower Upper
65 100
67 55.1 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: VY001816.D

Acq: 02 Mar 2020 13:35

Instrument :

MSVOA_Y

ClientSampleId :

G-3

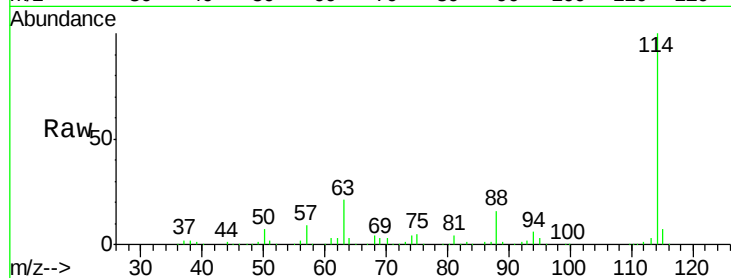
Tgt Ion:114 Resp: 283111

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

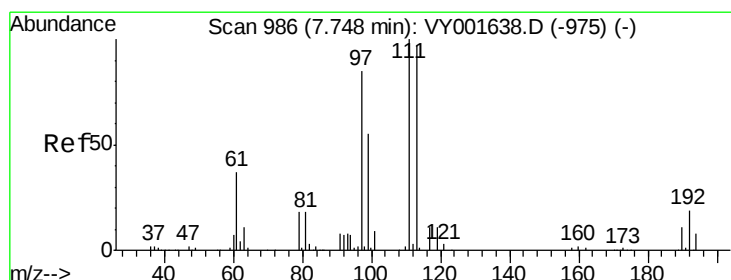
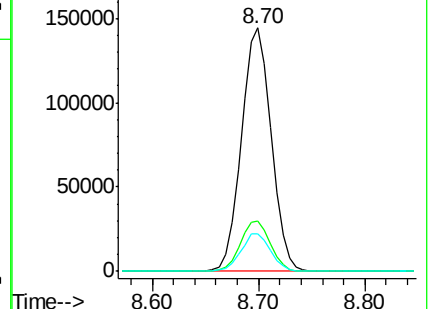
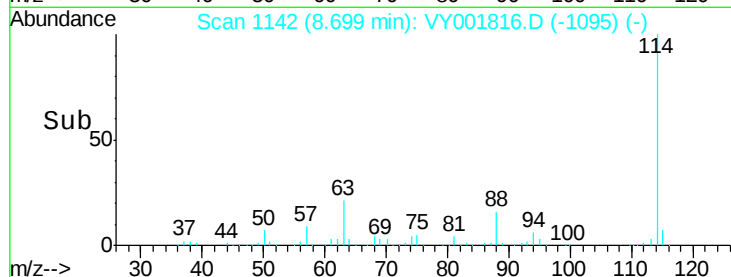
88 15.7 0.0 32.8



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: 50.69 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY001816.D

Acq: 02 Mar 2020 13:35

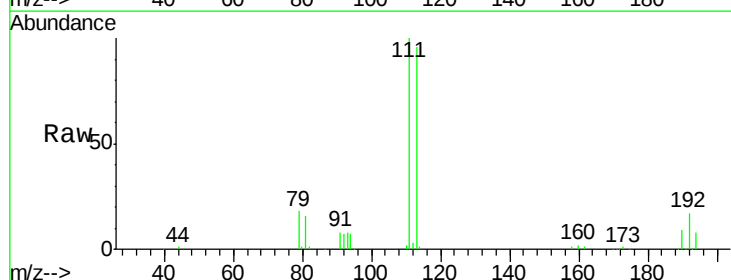
Tgt Ion:113 Resp: 82195

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

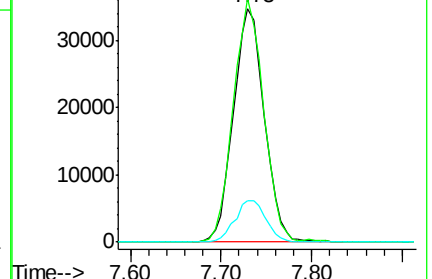
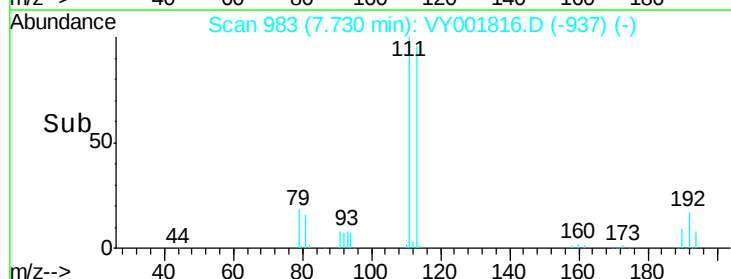
192 18.0 14.3 21.5

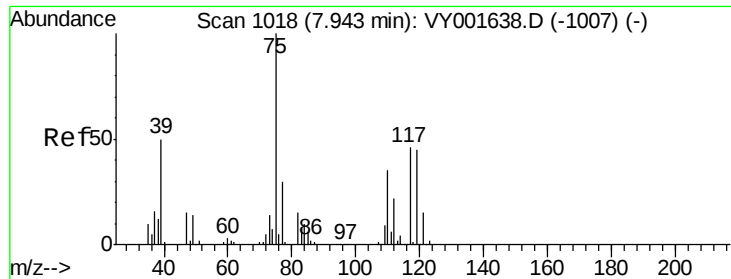


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

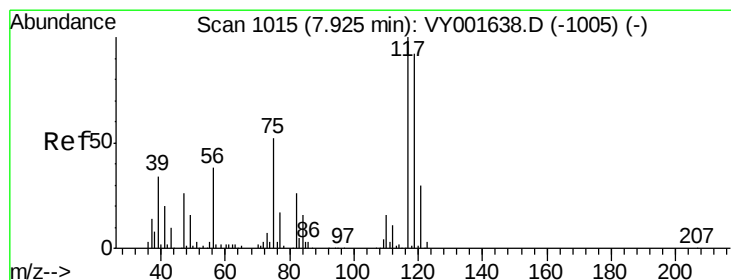
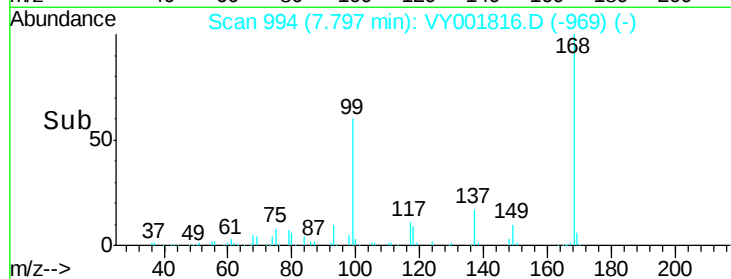
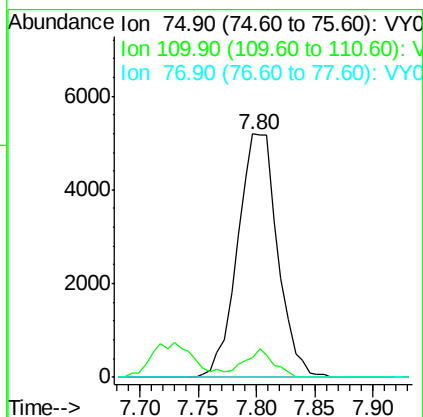
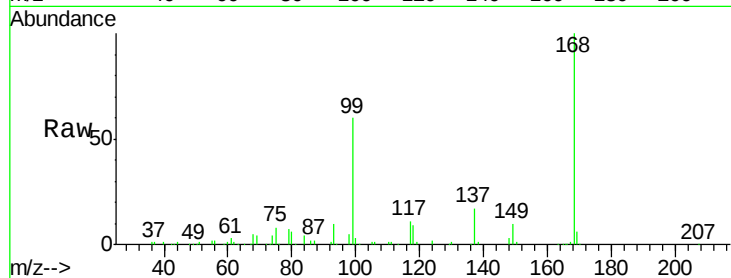




#36
 1,1-Dichloropropene
 Concen: 4.59 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.15 min
 Lab File: VY001816.D
 Acq: 02 Mar 2020 13:35

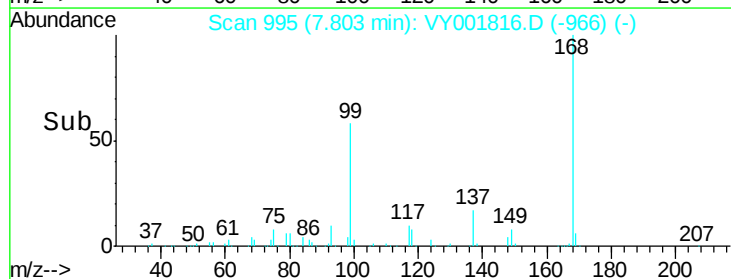
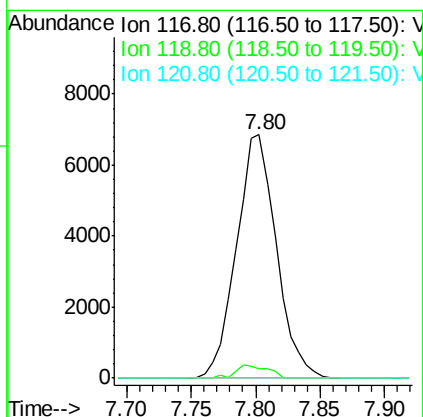
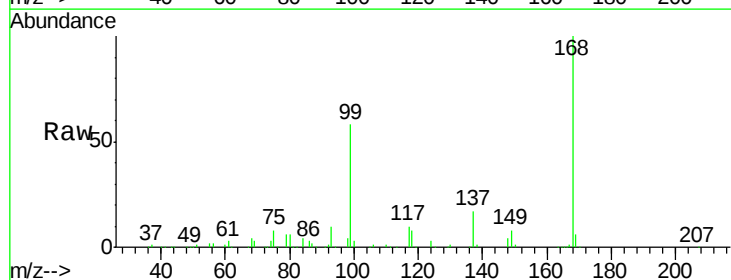
Instrument :
 MSVOA_Y
 ClientSampleId :
 G-3

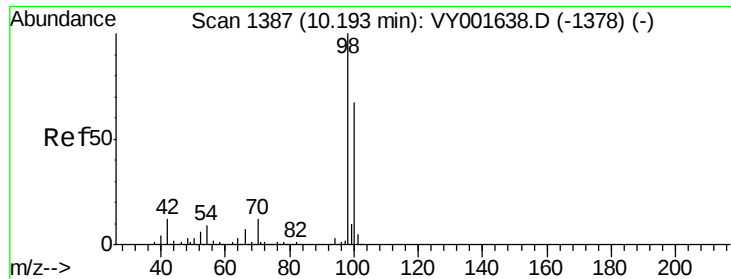
Tgt Ion: 75 Resp: 12425
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.2 51.6#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.18 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY001816.D
 Acq: 02 Mar 2020 13:35

Tgt Ion: 117 Resp: 14689
 Ion Ratio Lower Upper
 117 100
 119 4.0 74.8 112.2#
 121 0.0 23.8 35.6#





#50

Toluene-d8

Concen: 53.34 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY001816.D

Acq: 02 Mar 2020 13:35

Instrument :

MSVOA_Y

ClientSampled :

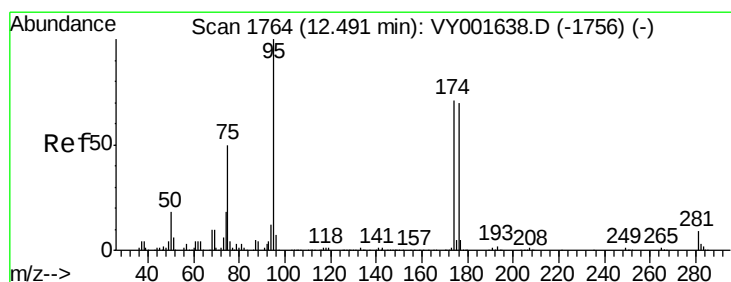
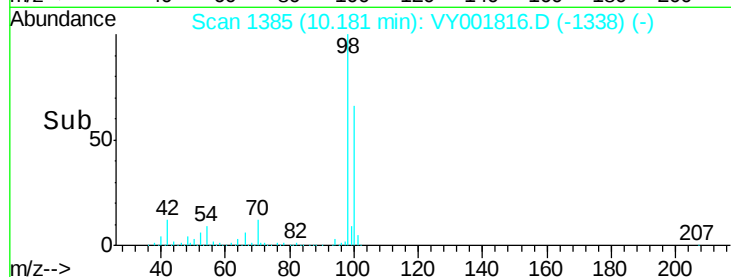
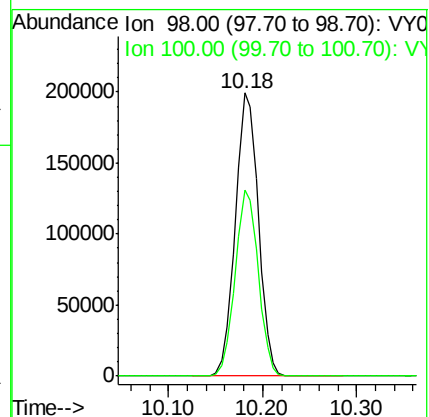
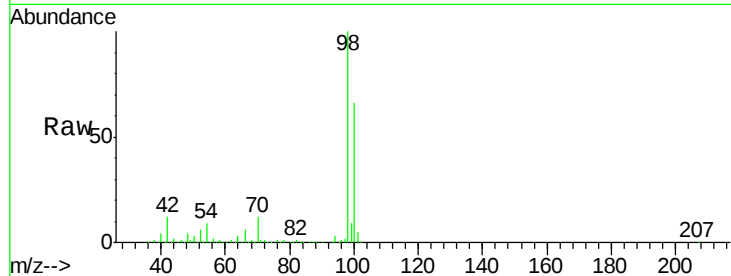
G-3

Tgt Ion: 98 Resp: 338871

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 44.57 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001816.D

Acq: 02 Mar 2020 13:35

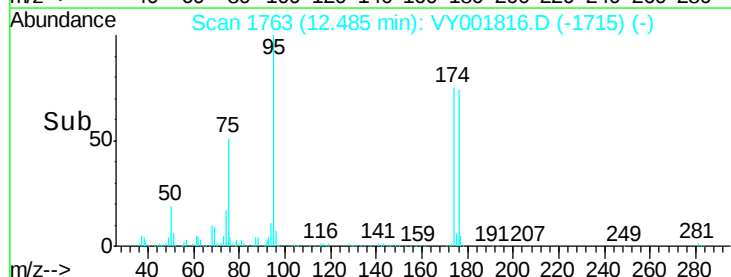
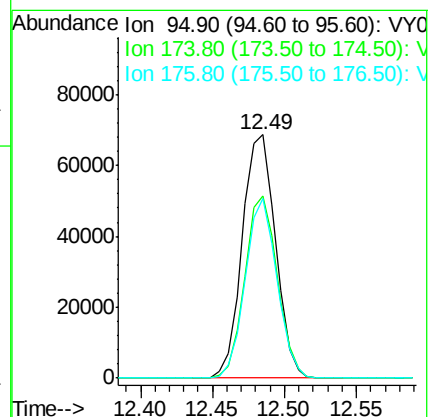
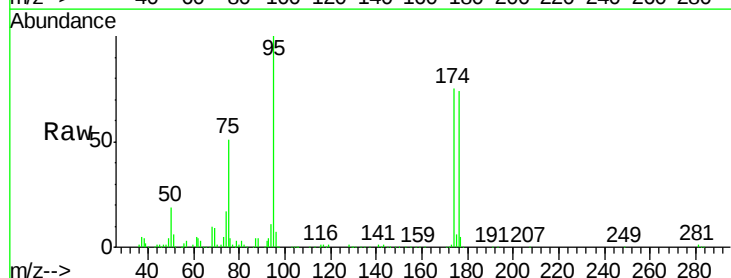
Tgt Ion: 95 Resp: 109992

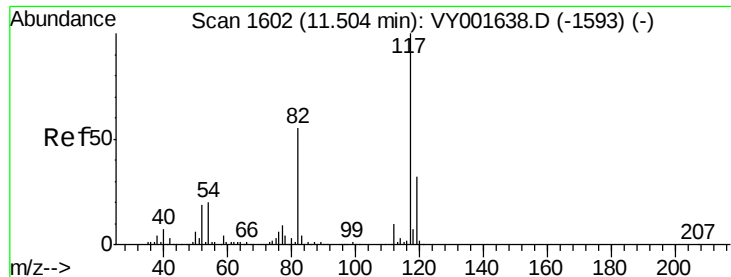
Ion Ratio Lower Upper

95 100

174 73.3 0.0 138.4

176 70.0 0.0 131.8

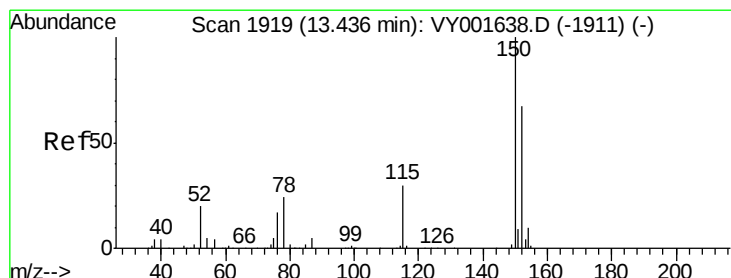
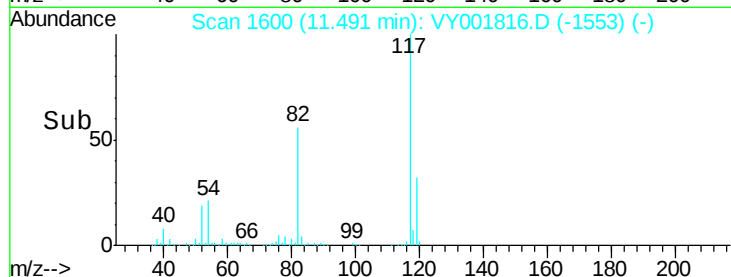
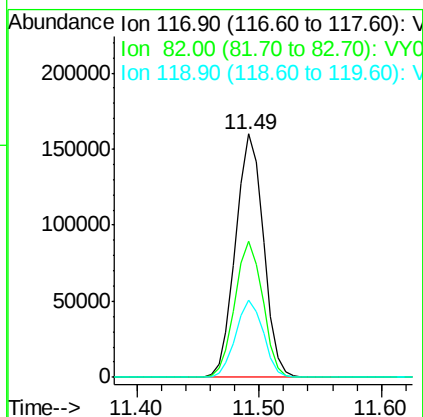
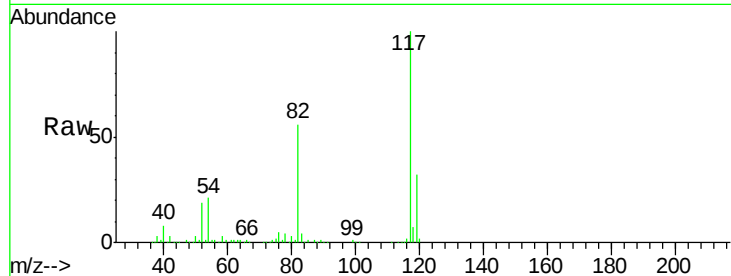




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001816.D
Acq: 02 Mar 2020 13:35

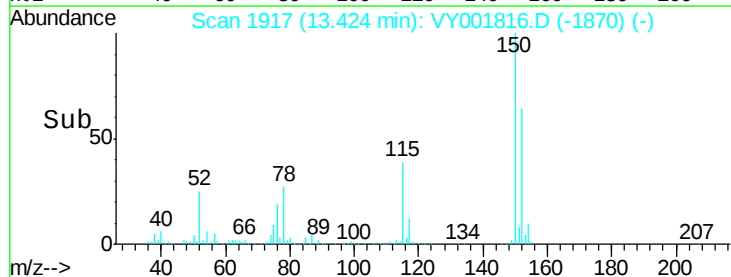
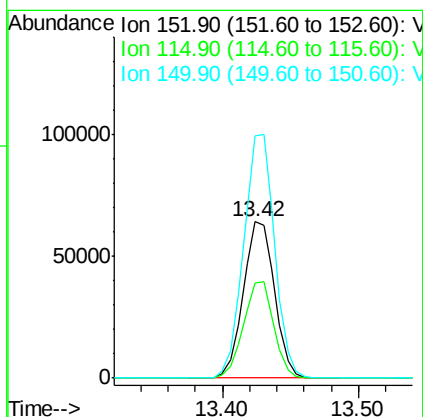
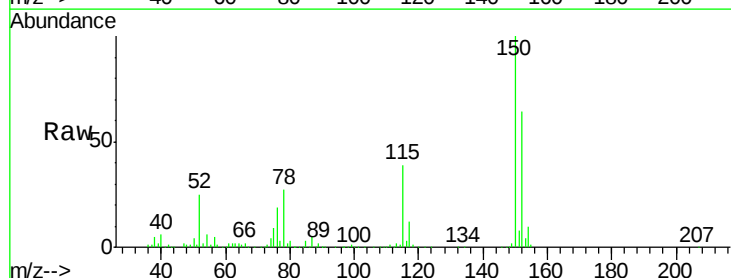
Instrument :
MSVOA_Y
ClientSampleId :
G-3

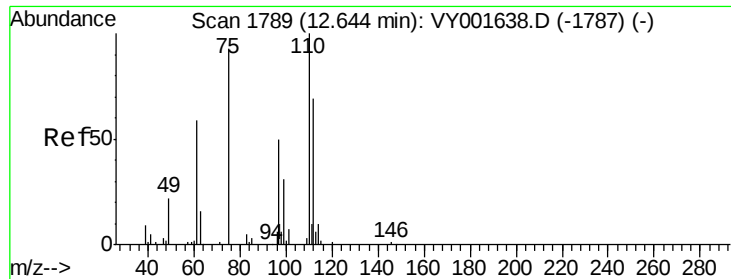
Tgt Ion:117 Resp: 252021
Ion Ratio Lower Upper
117 100
82 55.8 45.5 68.3
119 31.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY001816.D
Acq: 02 Mar 2020 13:35

Tgt Ion:152 Resp: 102812
Ion Ratio Lower Upper
152 100
115 60.0 31.4 94.2
150 154.4 0.0 407.2





#76

1,2,3-Trichloropropane

Concen: 47.17 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.16 min

Lab File: VY001816.D

Acq: 02 Mar 2020 13:35

Instrument :

MSVOA_Y

ClientSampleId :

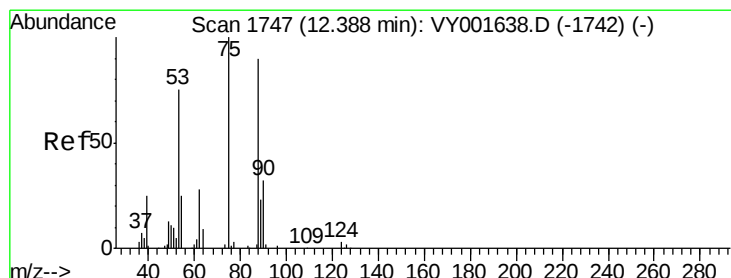
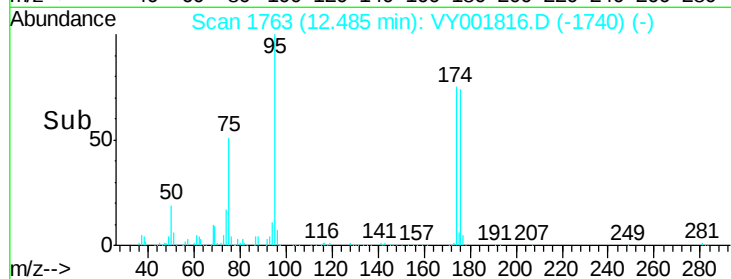
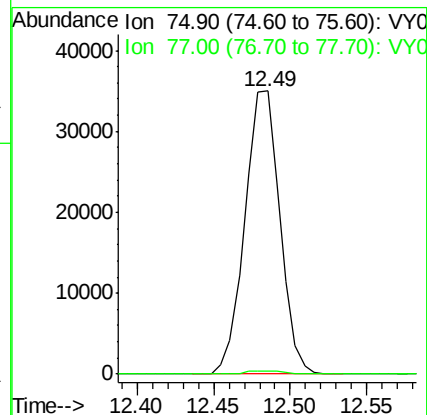
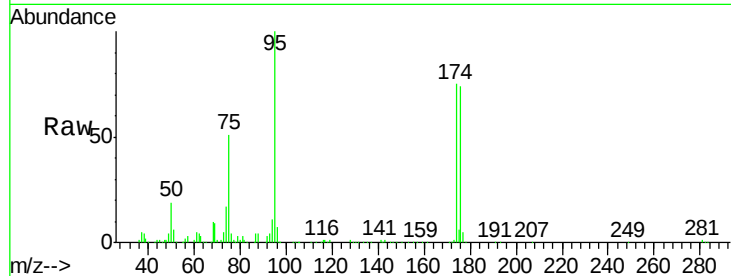
G-3

Tgt Ion: 75 Resp: 55630

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 89.49 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY001816.D

Acq: 02 Mar 2020 13:35

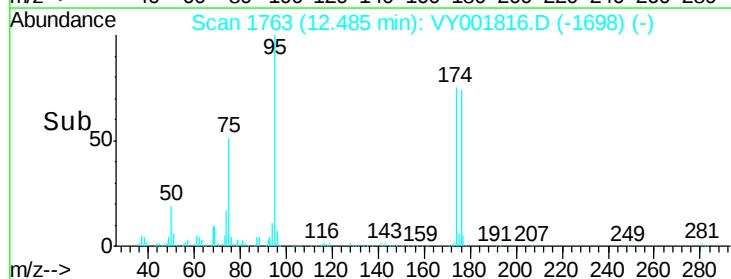
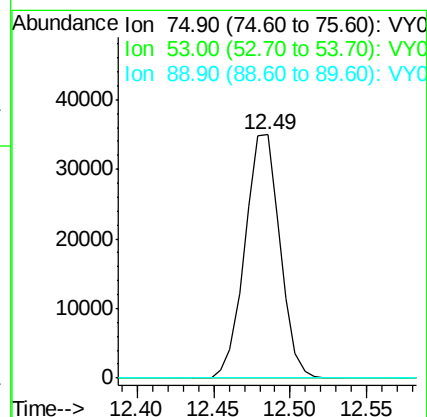
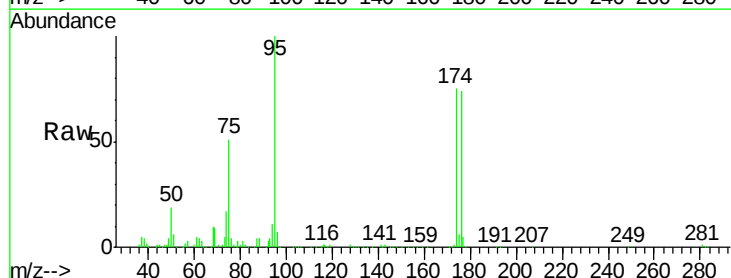
Tgt Ion: 75 Resp: 55630

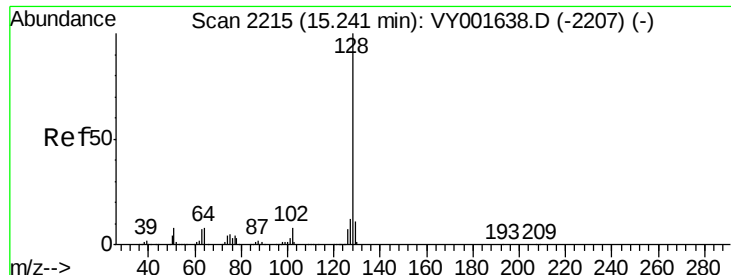
Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.0 36.3 54.5#

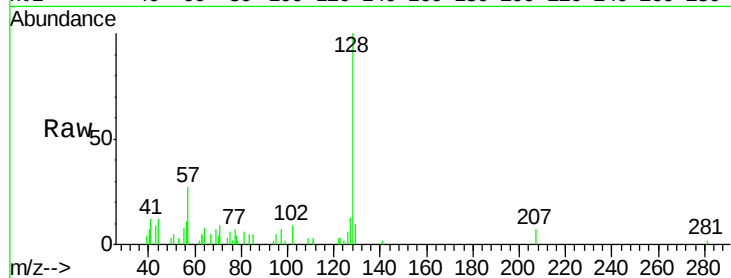




#95
Naphthalene
Concen: 1.04 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.00 min
Lab File: VY001816.D
Acq: 02 Mar 2020 13:35

Instrument :
MSVOA_Y
ClientSampleId :
G-3

Tgt Ion:128 Resp: 4823
Ion Ratio Lower Upper
128 100
127 16.0 9.9 14.9#
129 11.7 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

