

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030220\
 Data File : VY001814.D
 Acq On : 02 Mar 2020 12:51
 Operator : SY/MD
 Sample : L1743-03
 Misc : 7.29G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G-8

Quant Time: Mar 02 13:44:57 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	7.82	168	153469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	289484	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	259968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	105142	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	91198	55.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.50%	
35) Dibromofluoromethane	7.74	113	84007	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	10.19	98	349353	53.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.56%	
62) 4-Bromofluorobenzene	12.49	95	113177	44.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.70%	

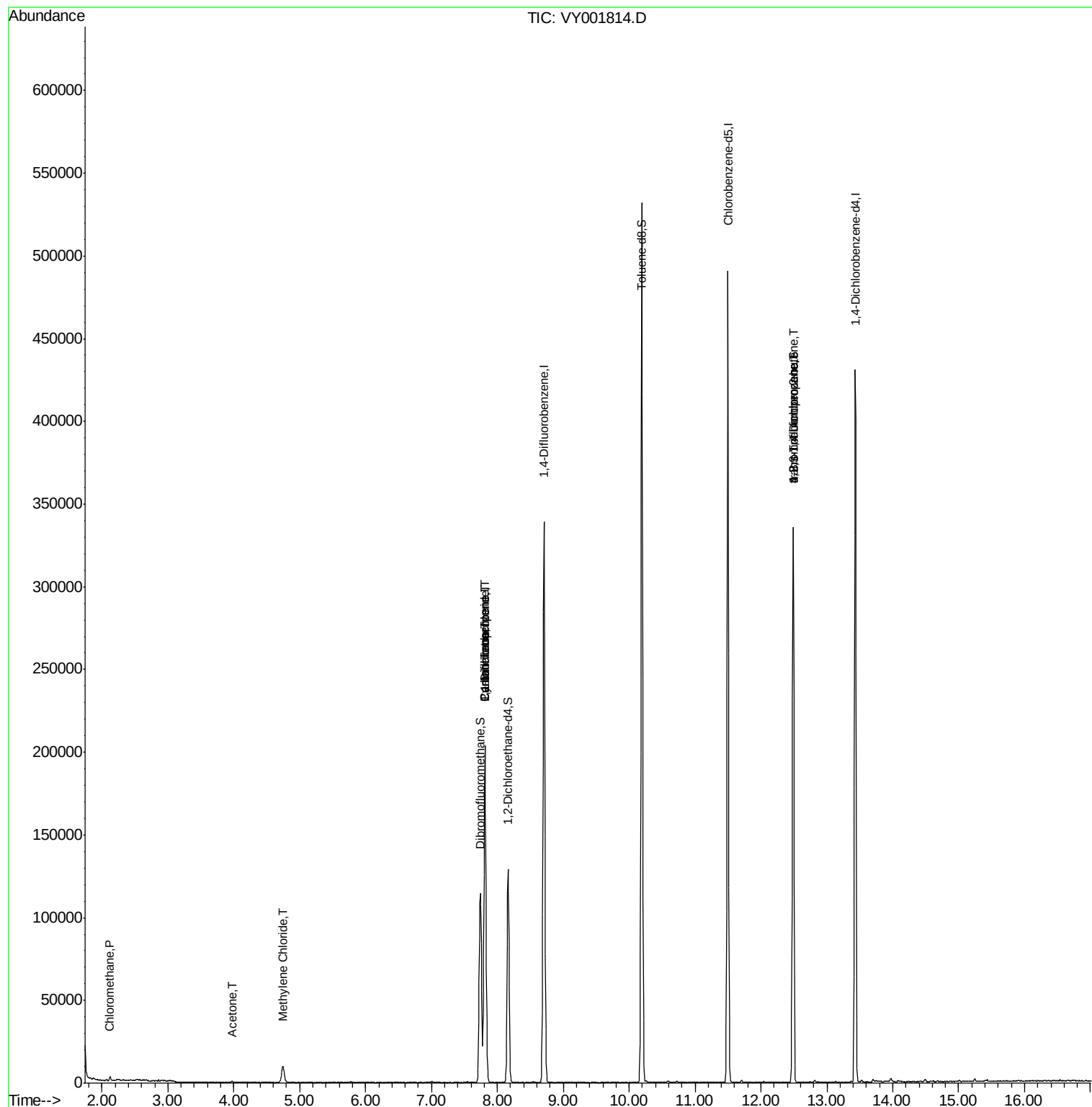
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	2558	1.27	ug/l	95
16) Acetone	3.97	43	1220	2.14	ug/l	98
20) Methylene Chloride	4.74	84	7383	3.64	ug/l	96
31) Cyclohexane	7.81	56	3616	1.04	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	12958	4.69	ug/l #	49
38) Carbon Tetrachloride	7.82	117	15225	6.27	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	58217	48.27	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	58217	91.57	ug/l #	17

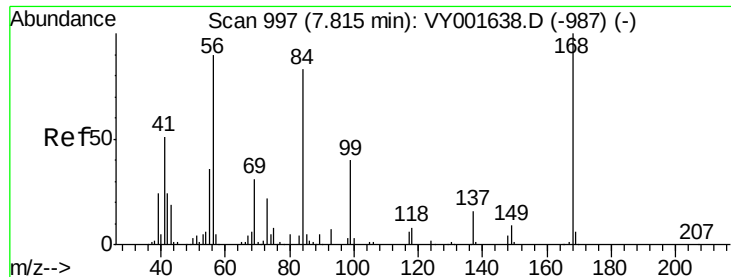
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001814.D

Acq: 02 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampled :

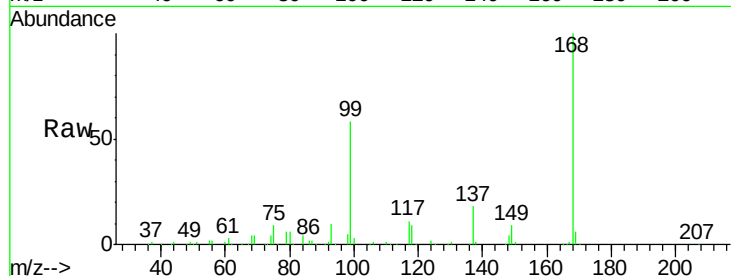
G-8

Tgt Ion:168 Resp: 153469

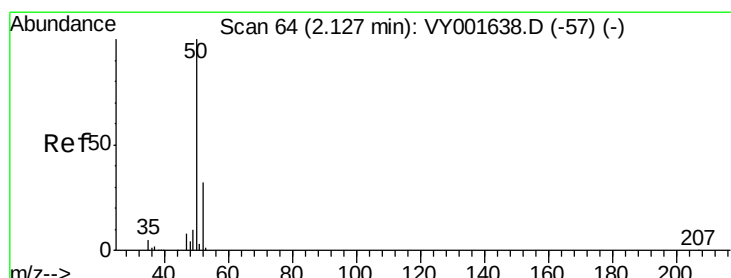
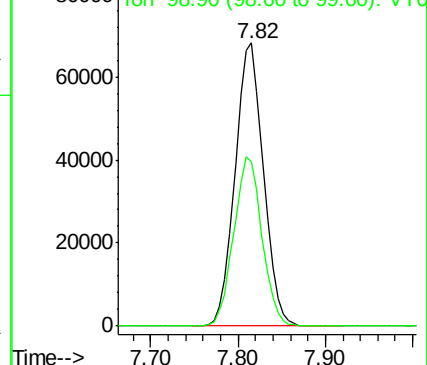
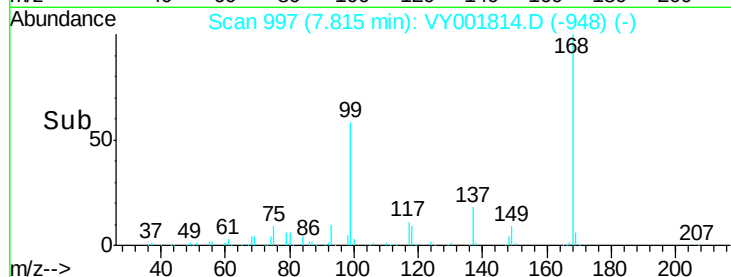
Ion Ratio Lower Upper

168 100

99 58.1 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001814.D (-948) (-)



#3

Chloromethane

Concen: 1.27 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001814.D

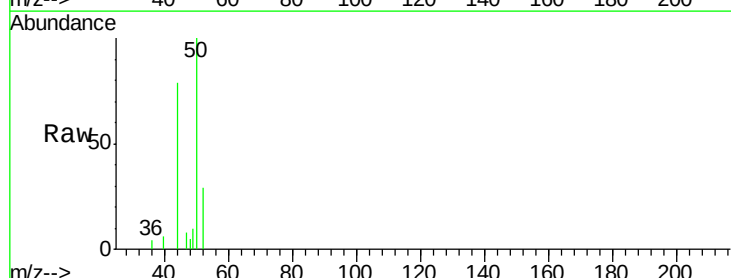
Acq: 02 Mar 2020 12:51

Tgt Ion: 50 Resp: 2558

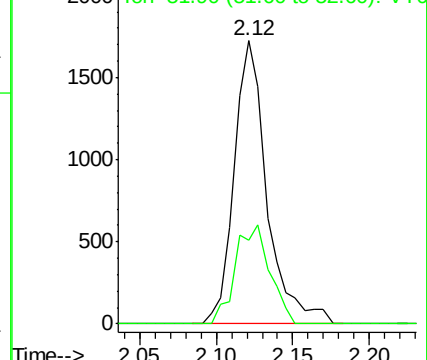
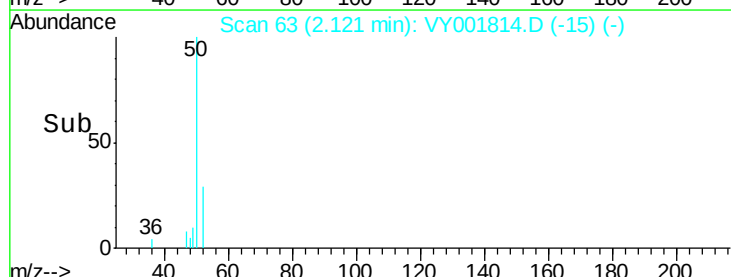
Ion Ratio Lower Upper

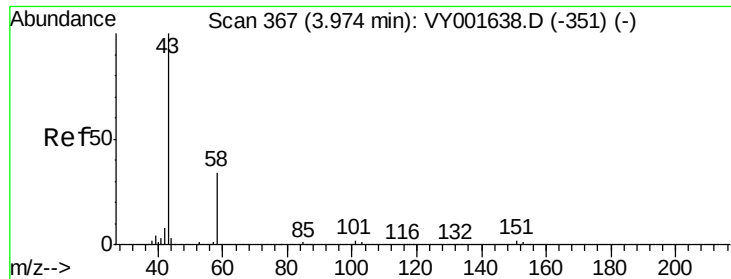
50 100

52 29.5 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY001814.D (-15) (-)

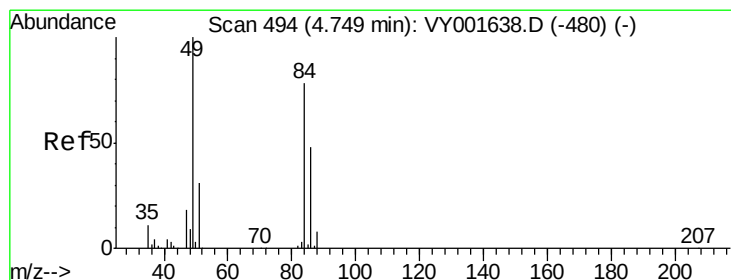
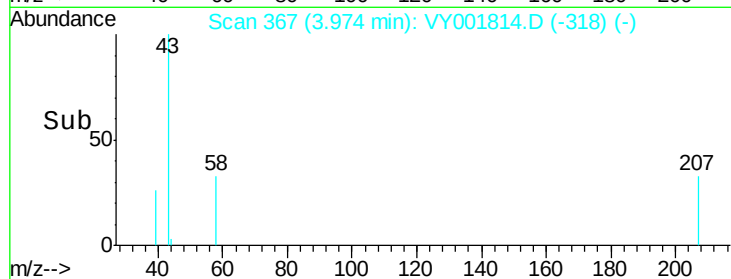
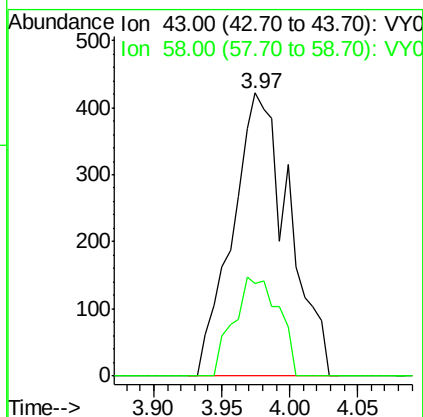
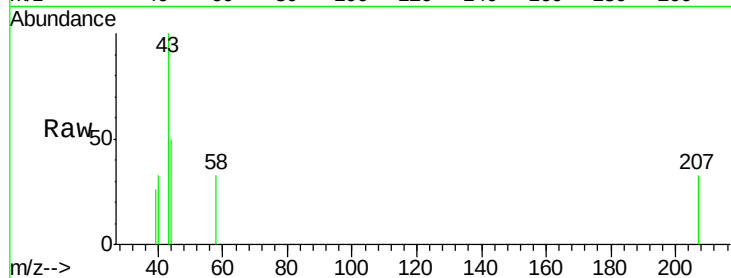




#16
Acetone
Concen: 2.14 ug/l
RT: 3.97 min Scan# 367
Delta R.T. 0.00 min
Lab File: VY001814.D
Acq: 02 Mar 2020 12:51

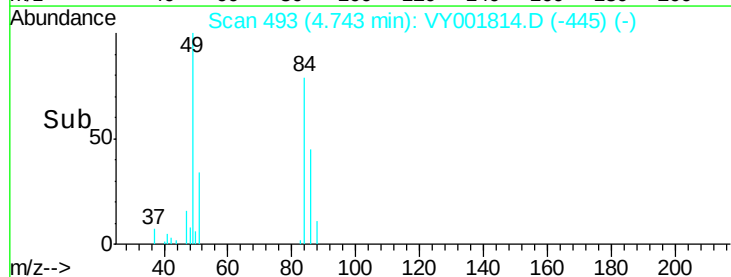
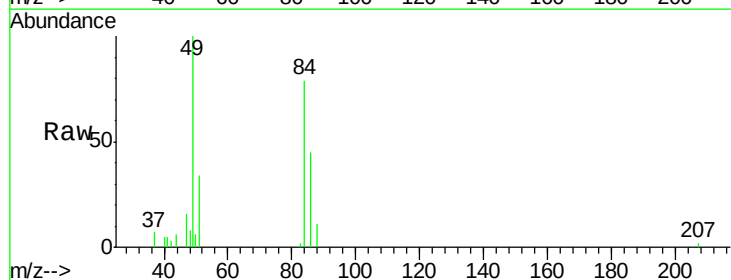
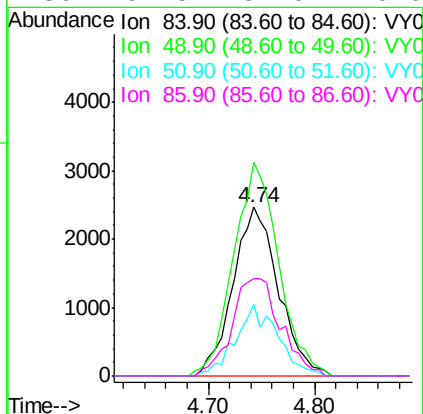
Instrument :
MSVOA_Y
ClientSampleId :
G-8

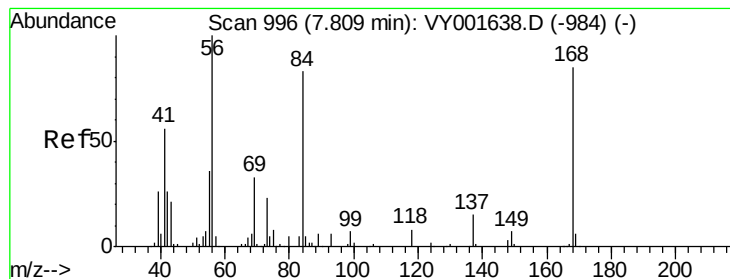
Tgt Ion: 43 Resp: 1220
Ion Ratio Lower Upper
43 100
58 32.7 27.3 40.9



#20
Methylene Chloride
Concen: 3.64 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001814.D
Acq: 02 Mar 2020 12:51

Tgt Ion: 84 Resp: 7383
Ion Ratio Lower Upper
84 100
49 126.5 99.2 148.8
51 42.5 31.5 47.3
86 57.5 51.0 76.6





#31

Cyclohexane

Concen: 1.04 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001814.D

Acq: 02 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampled :

G-8

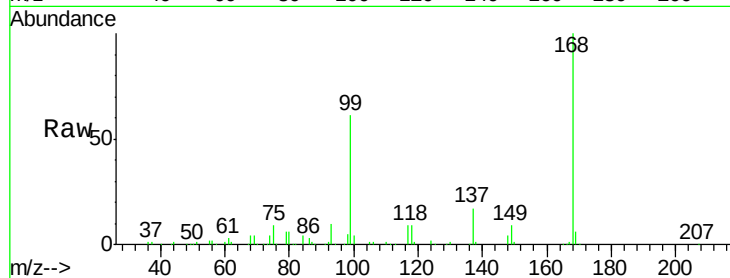
Tgt Ion: 56 Resp: 3616

Ion Ratio Lower Upper

56 100

69 148.5 25.1 37.7#

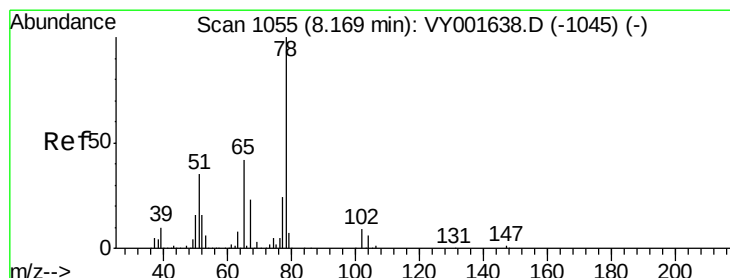
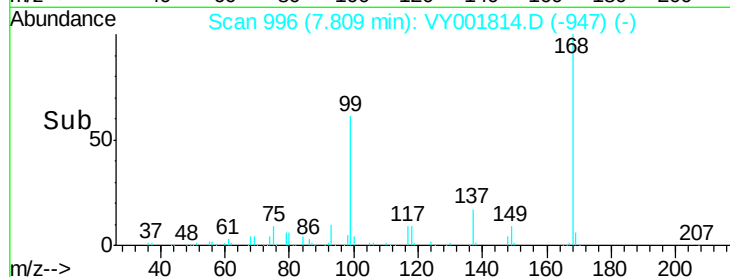
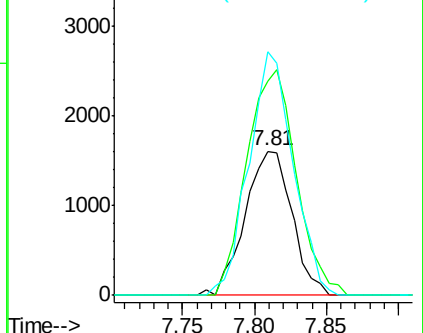
84 168.7 66.9 100.3#



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: 55.25 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001814.D

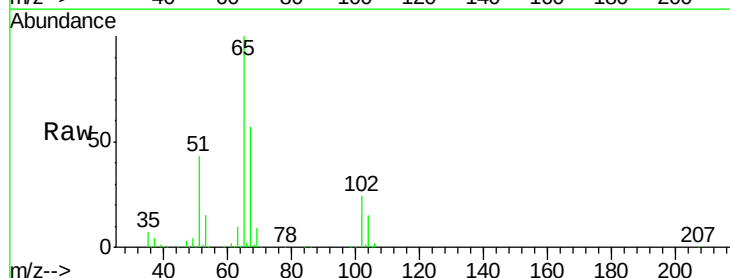
Acq: 02 Mar 2020 12:51

Tgt Ion: 65 Resp: 91198

Ion Ratio Lower Upper

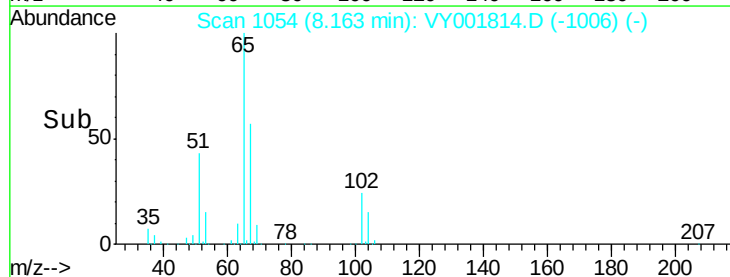
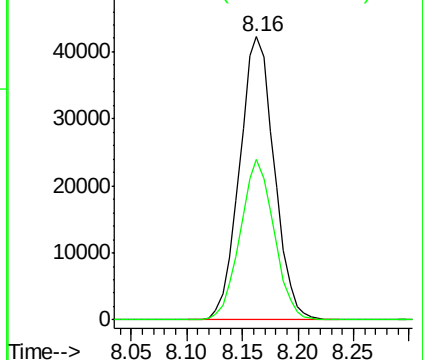
65 100

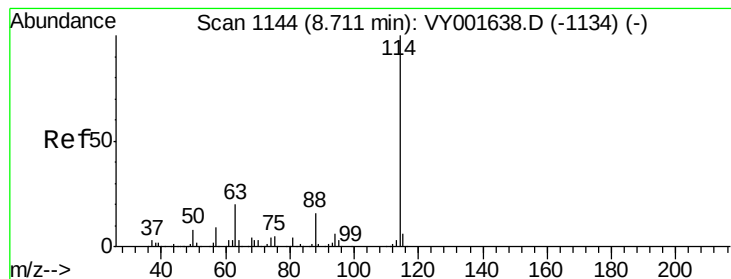
67 55.5 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001814.D

Acq: 02 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

G-8

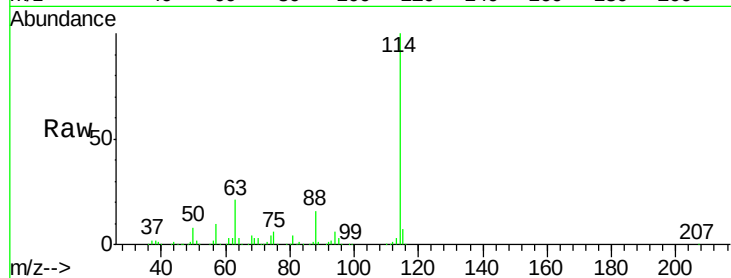
Tgt Ion:114 Resp: 289484

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

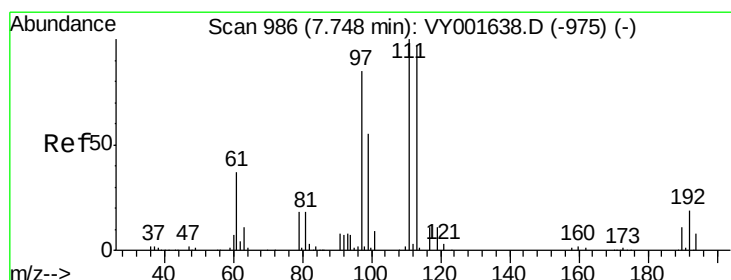
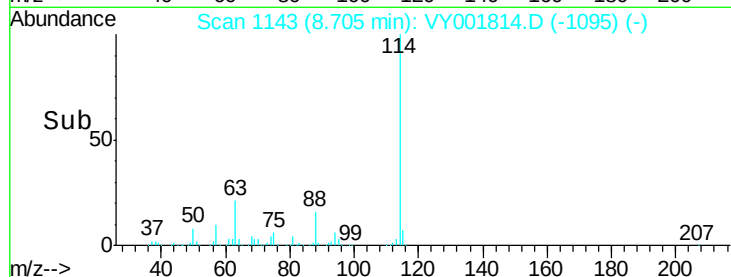
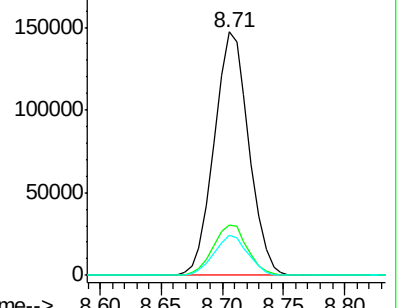
88 16.3 0.0 32.8



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: 50.67 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001814.D

Acq: 02 Mar 2020 12:51

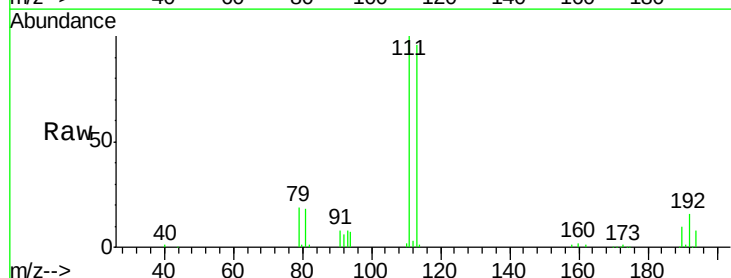
Tgt Ion:113 Resp: 84007

Ion Ratio Lower Upper

113 100

111 103.8 81.9 122.9

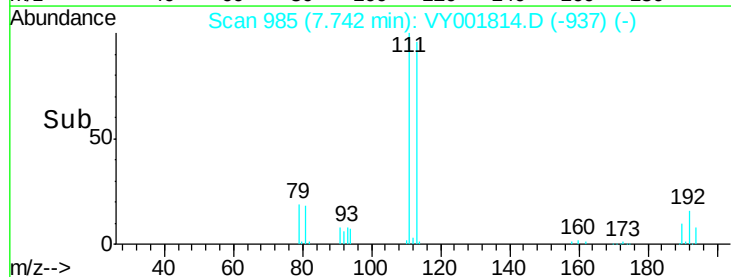
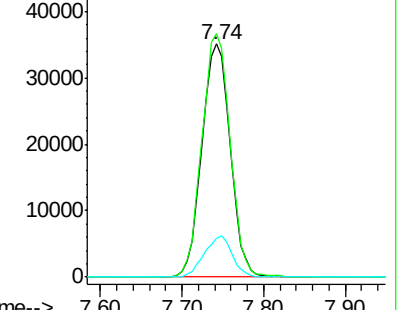
192 17.4 14.3 21.5

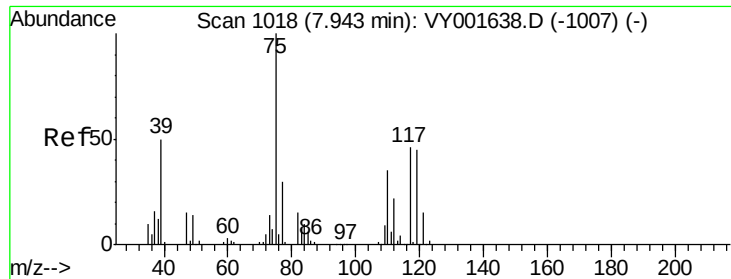


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

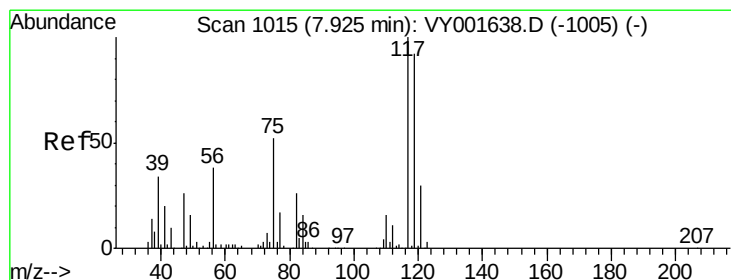
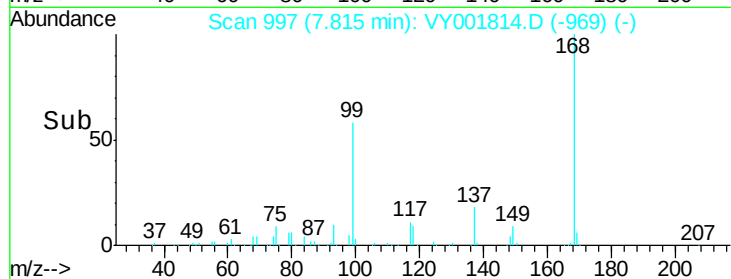
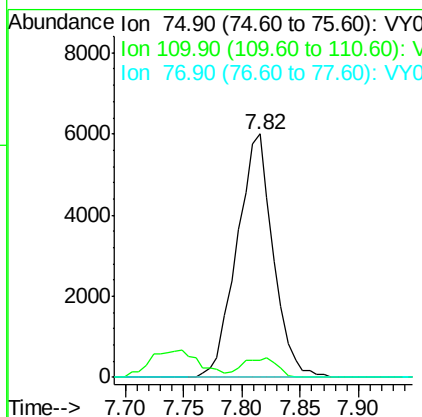
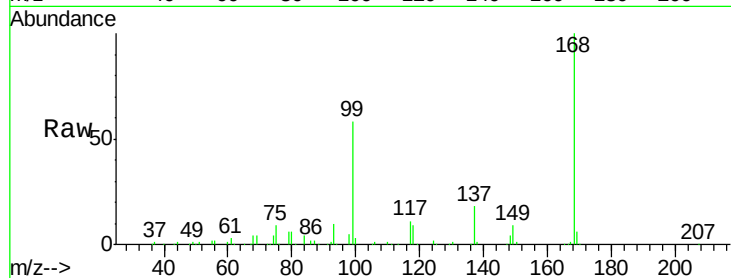




#36
 1,1-Dichloropropene
 Concen: 4.69 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001814.D
 Acq: 02 Mar 2020 12:51

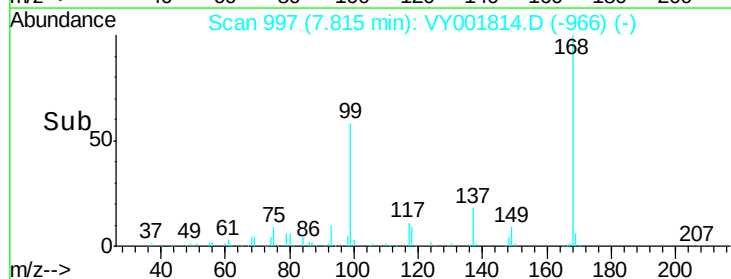
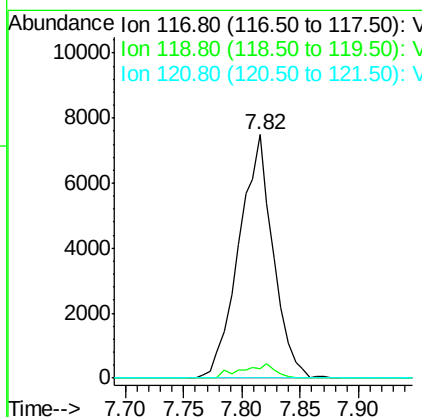
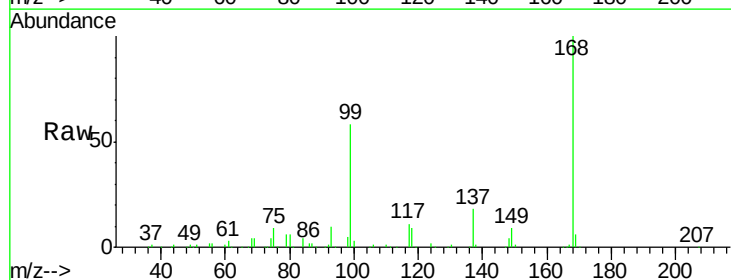
Instrument :
 MSVOA_Y
 ClientSampleId :
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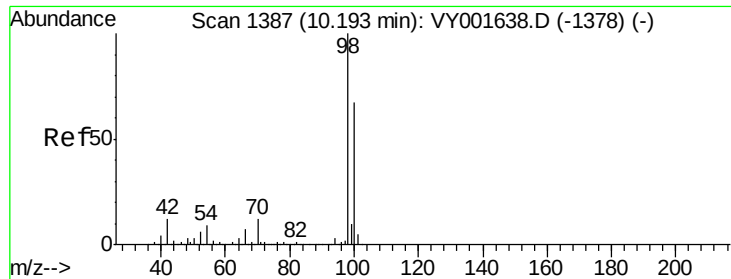
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.7	17.2	51.6#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.27 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.11 min
 Lab File: VY001814.D
 Acq: 02 Mar 2020 12:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.7	74.8	112.2#
121	0.0	23.8	35.6#





#50

Toluene-d8

Concen: 53.78 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001814.D

Acq: 02 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampled :

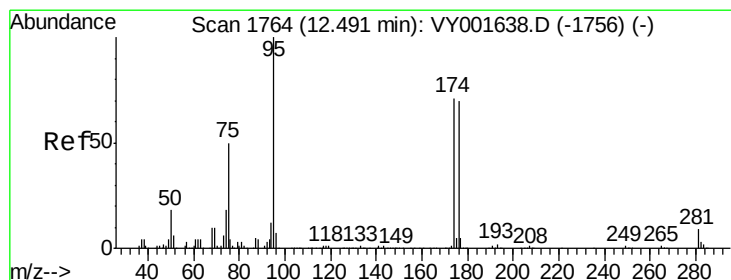
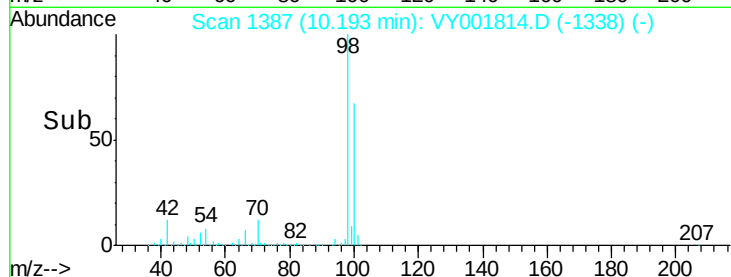
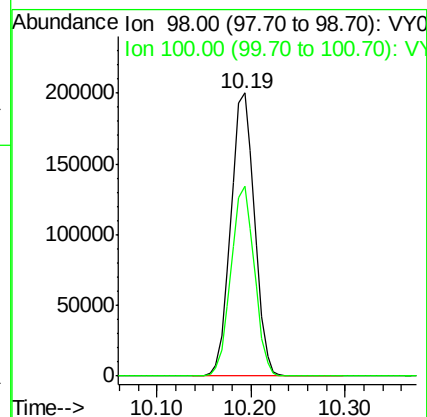
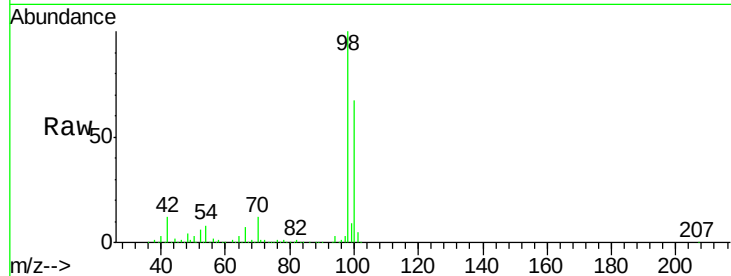
G-8

Tgt Ion: 98 Resp: 349353

Ion Ratio Lower Upper

98 100

100 66.4 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 44.85 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001814.D

Acq: 02 Mar 2020 12:51

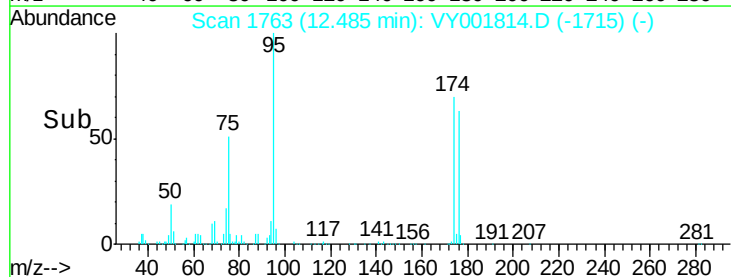
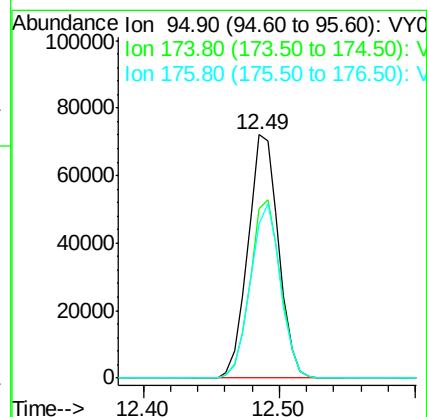
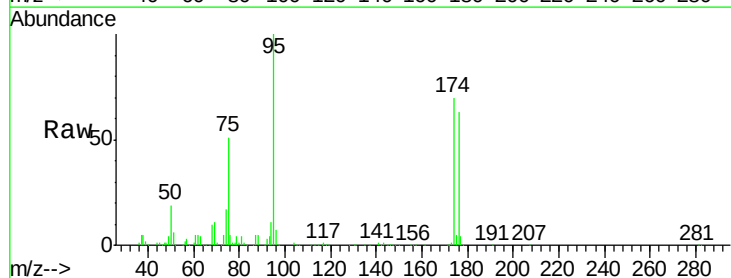
Tgt Ion: 95 Resp: 113177

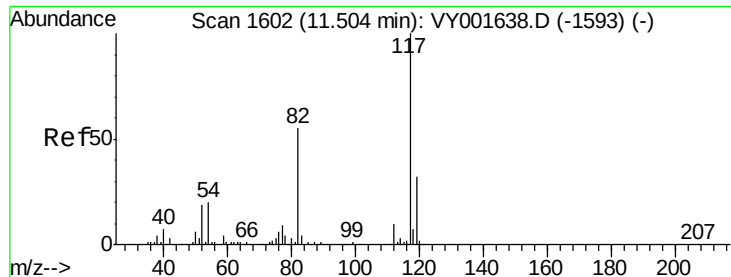
Ion Ratio Lower Upper

95 100

174 72.9 0.0 138.4

176 70.4 0.0 131.8

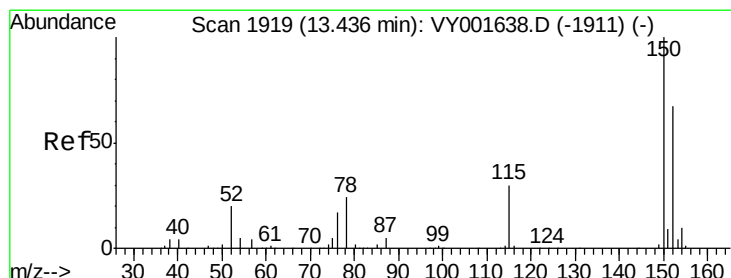
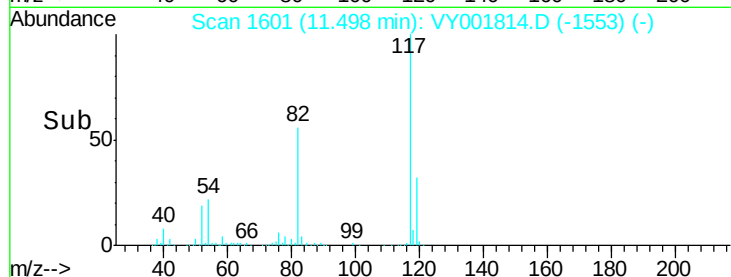
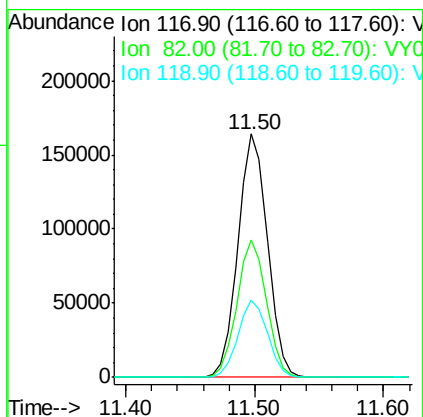
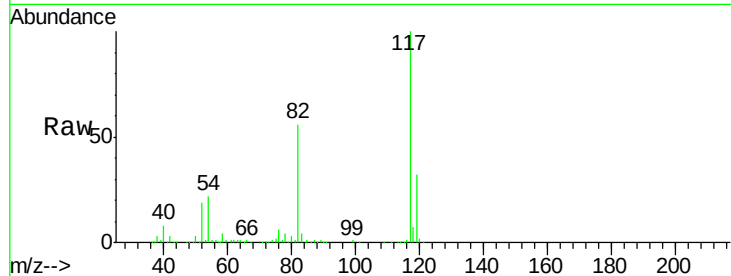




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001814.D
Acq: 02 Mar 2020 12:51

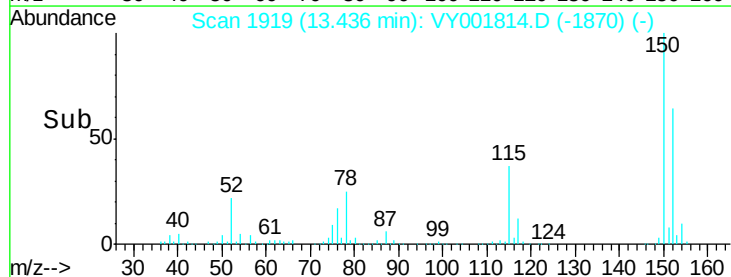
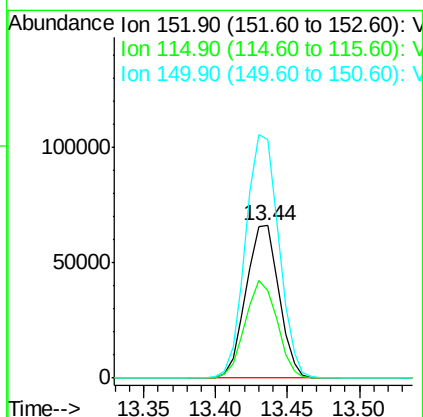
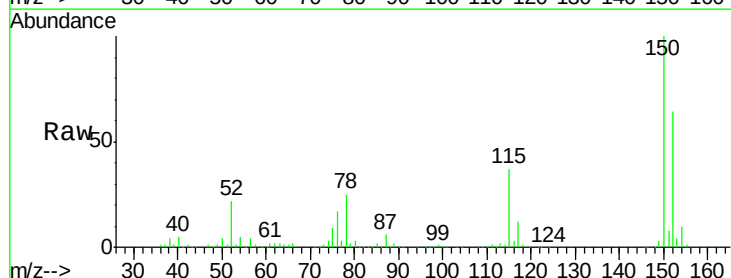
Instrument :
MSVOA_Y
ClientSampled :
G-8

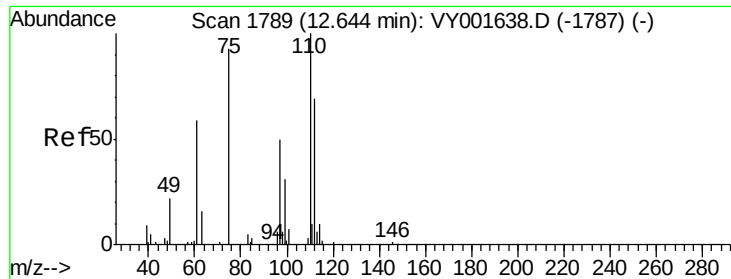
Tgt Ion:117 Resp: 259968
Ion Ratio Lower Upper
117 100
82 56.5 45.5 68.3
119 31.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001814.D
Acq: 02 Mar 2020 12:51

Tgt Ion:152 Resp: 105142
Ion Ratio Lower Upper
152 100
115 61.9 31.4 94.2
150 159.9 0.0 407.2





#76

1,2,3-Trichloropropane

Concen: 48.27 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.16 min

Lab File: VY001814.D

Acq: 02 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

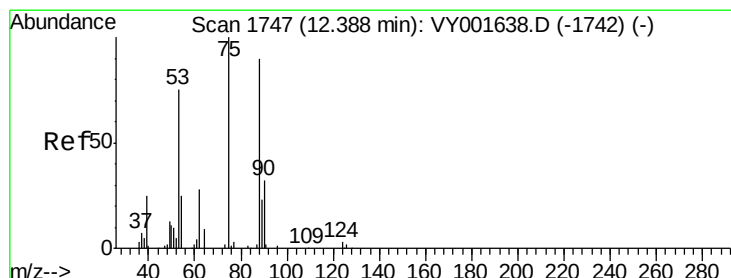
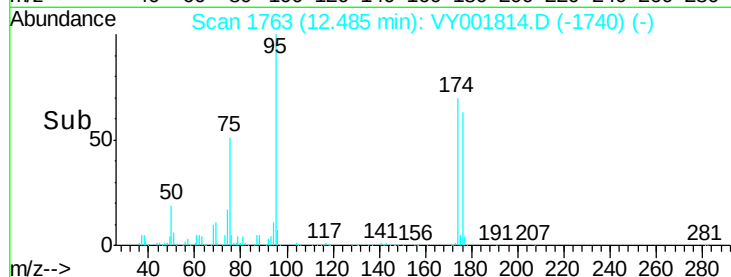
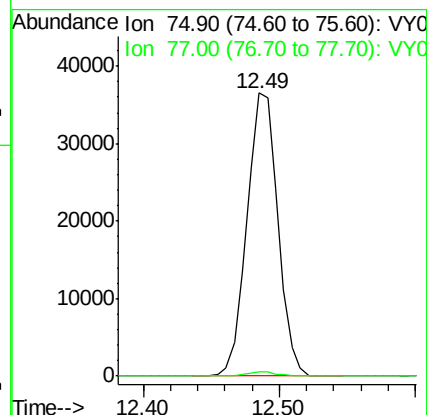
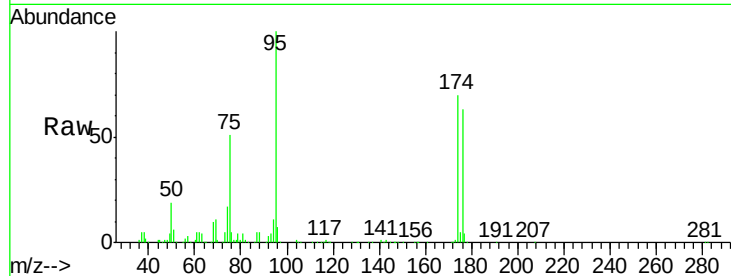
G-8

Tgt Ion: 75 Resp: 58217

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 91.57 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY001814.D

Acq: 02 Mar 2020 12:51

Tgt Ion: 75 Resp: 58217

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.1 36.3 54.5#

