

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030220\
 Data File : VY001821.D
 Acq On : 02 Mar 2020 15:27
 Operator : SY/MD
 Sample : L1743-17
 Misc : 6.75G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G-2

Quant Time: Mar 02 15:43:13 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	146417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	278455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	255691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	109817	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	91212	57.92	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	115.84%	
35) Dibromofluoromethane	7.74	113	83068	52.08	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	104.16%	
50) Toluene-d8	10.19	98	340881	54.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.12%	
62) 4-Bromofluorobenzene	12.49	95	116183	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	

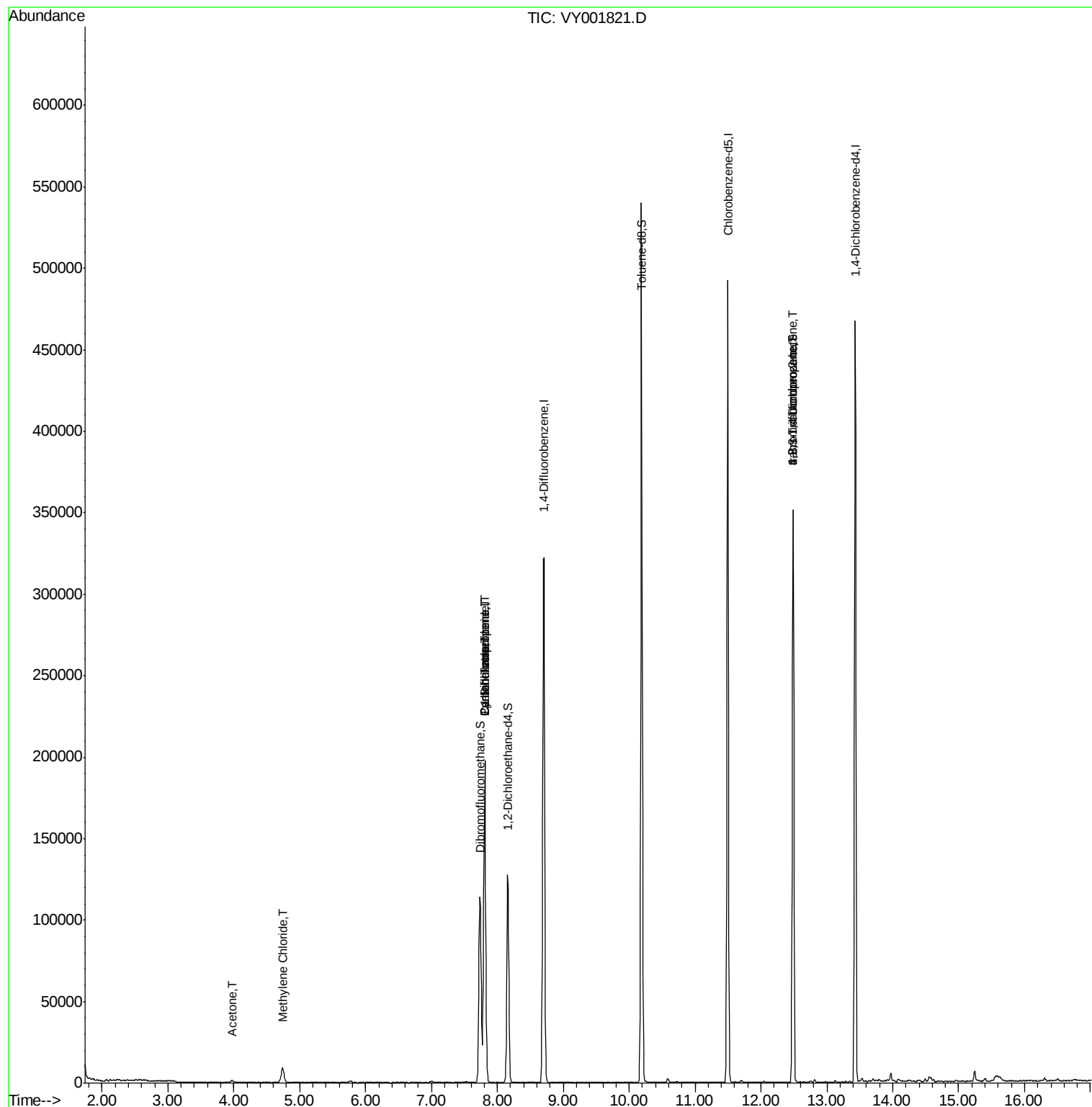
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.98	59	80	Below Cal	#	74
16) Acetone	3.97	43	2589	4.75	ug/l	94
20) Methylene Chloride	4.74	84	6631	3.43	ug/l	95
31) Cyclohexane	7.81	56	3445	1.04	ug/l	# 1
36) 1,1-Dichloropropene	7.80	75	12716	4.78	ug/l	# 49
38) Carbon Tetrachloride	7.80	117	15243	6.52	ug/l	# 18
76) 1,2,3-Trichloropropane	12.49	75	59371	47.13	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.49	75	59371	89.41	ug/l	# 17

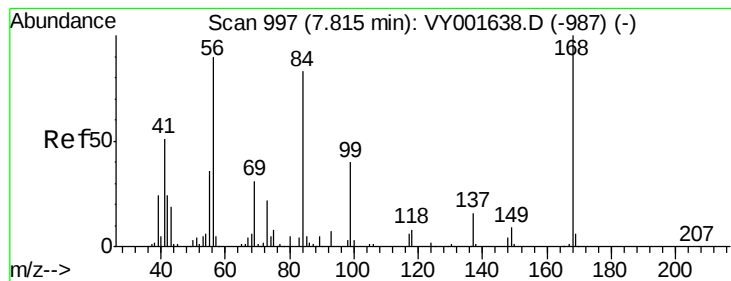
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY030220\
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Quant Time: Mar 02 15:43:13 2020
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: VY001821.D

Acq: 02 Mar 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

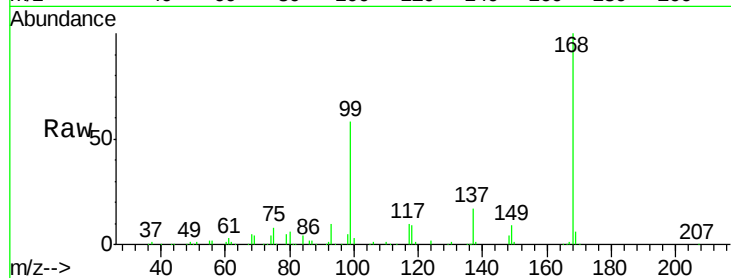
G-2

Tgt Ion:168 Resp: 146417

Ion Ratio Lower Upper

168 100

99 58.2 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)

7.81

60000

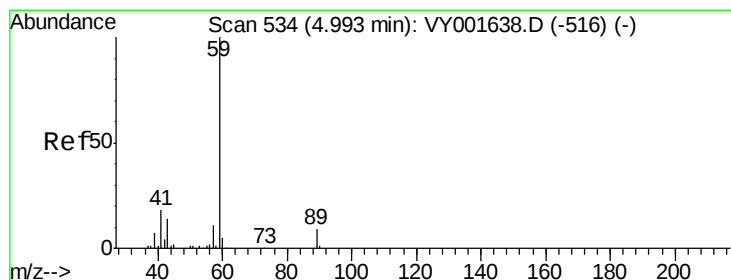
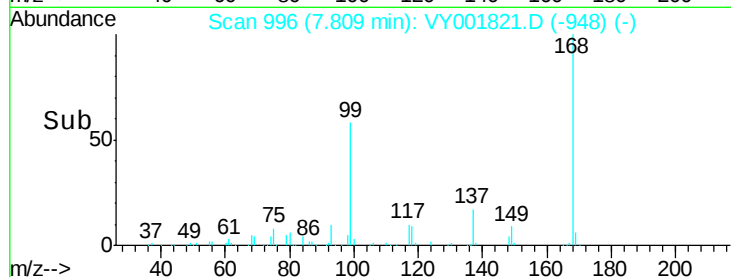
40000

20000

0

7.70 7.80 7.90

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.98 min Scan# 532

Delta R.T. -0.01 min

Lab File: VY001821.D

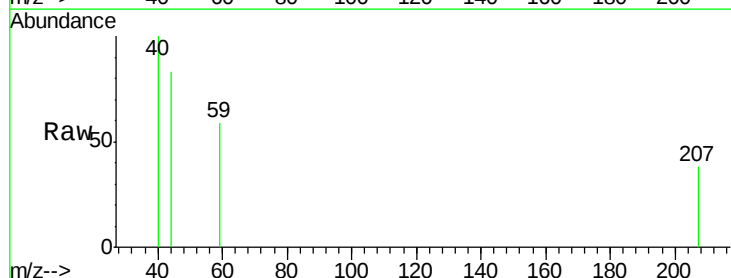
Acq: 02 Mar 2020 15:27

Tgt Ion: 59 Resp: 80

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001638.D (-516) (-)

Ion 57.00 (56.70 to 57.70): VY001638.D (-516) (-)

4.98

100

80

60

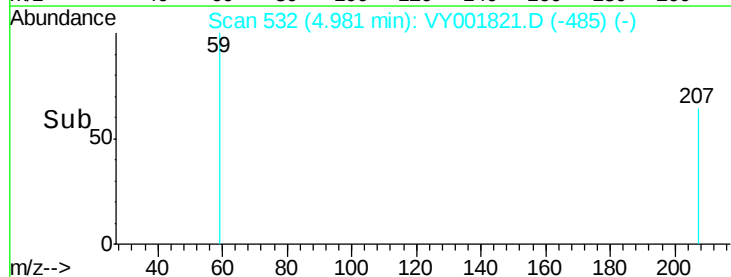
40

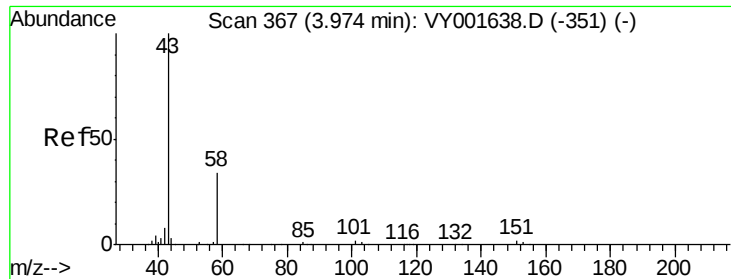
20

0

4.96 4.98 5.00

Time-->





#16

Acetone

Concen: 4.75 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001821.D

Acq: 02 Mar 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

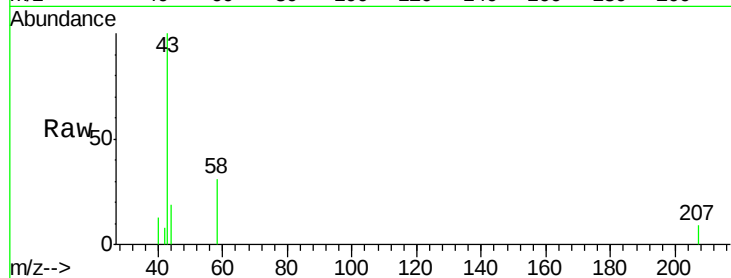
G-2

Tgt Ion: 43 Resp: 2589

Ion Ratio Lower Upper

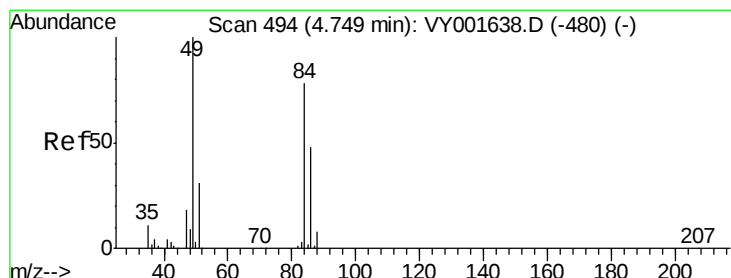
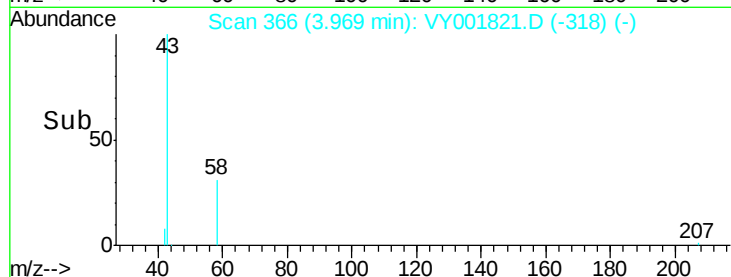
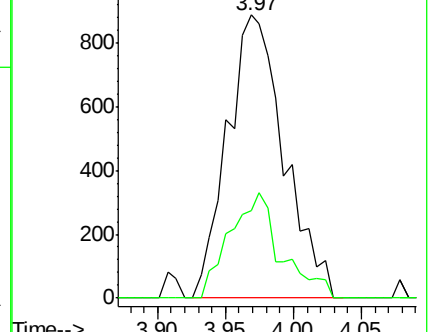
43 100

58 30.9 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY001821.D (-366) (-)

Ion 58.00 (57.70 to 58.70): VY001821.D (-366) (-)



#20

Methylene Chloride

Concen: 3.43 ug/l

RT: 4.74 min Scan# 492

Delta R.T. -0.01 min

Lab File: VY001821.D

Acq: 02 Mar 2020 15:27

Tgt Ion: 84 Resp: 6631

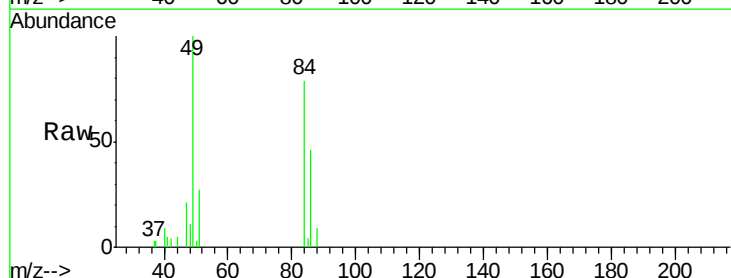
Ion Ratio Lower Upper

84 100

49 126.5 99.2 148.8

51 34.1 31.5 47.3

86 58.0 51.0 76.6

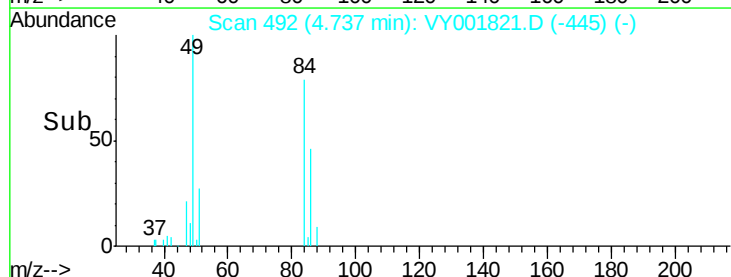
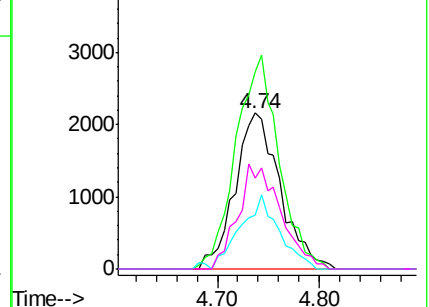


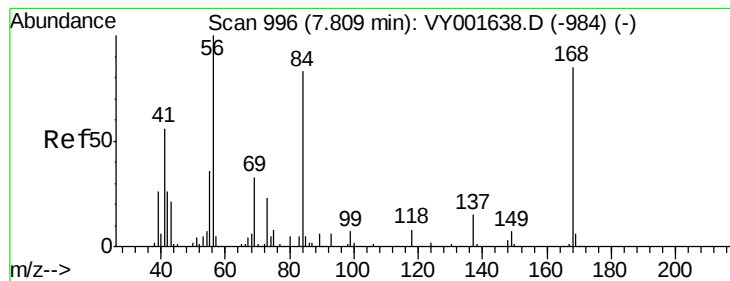
Abundance Ion 83.90 (83.60 to 84.60): VY001821.D (-492) (-)

Ion 48.90 (48.60 to 49.60): VY001821.D (-492) (-)

Ion 50.90 (50.60 to 51.60): VY001821.D (-492) (-)

Ion 85.90 (85.60 to 86.60): VY001821.D (-492) (-)





#31

Cyclohexane

Concen: 1.04 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001821.D

Acq: 02 Mar 2020 15:27

Instrument :

MSVOA_Y

ClientSampled :

G-2

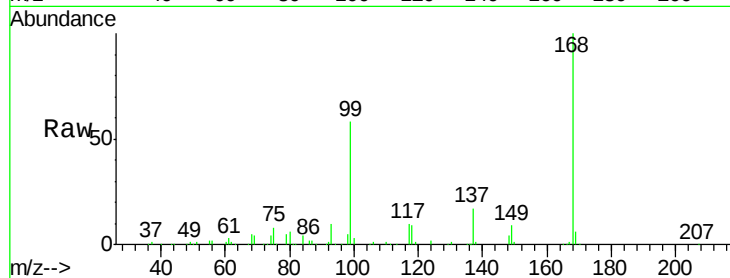
Tgt Ion: 56 Resp: 3445

Ion Ratio Lower Upper

56 100

69 150.0 25.1 37.7#

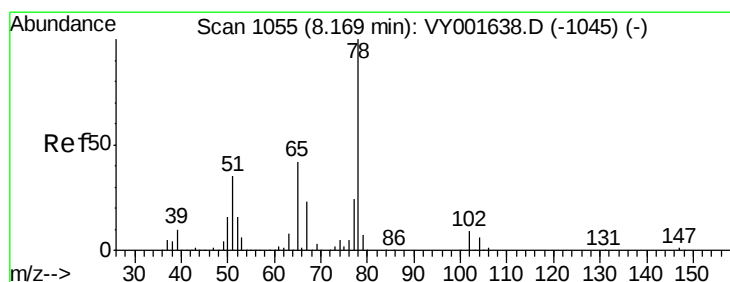
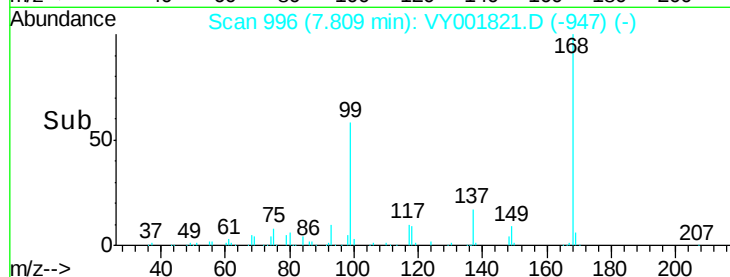
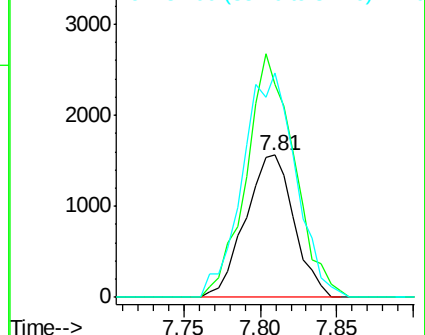
84 157.9 66.9 100.3#



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: 57.92 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001821.D

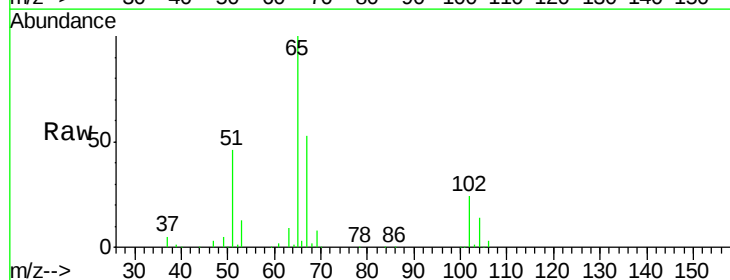
Acq: 02 Mar 2020 15:27

Tgt Ion: 65 Resp: 91212

Ion Ratio Lower Upper

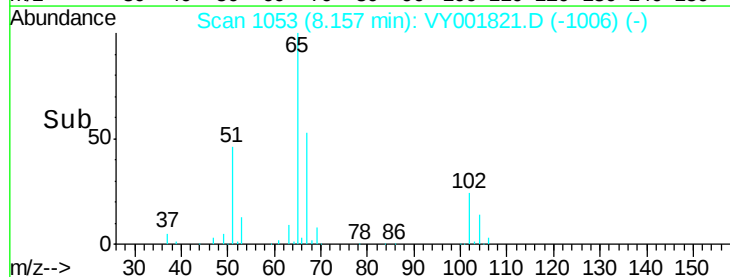
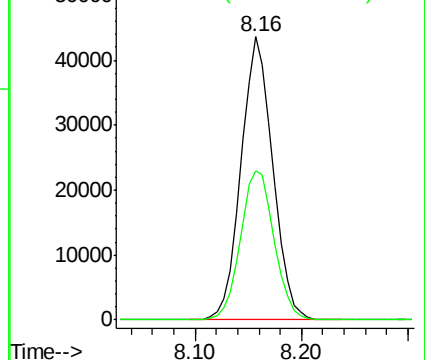
65 100

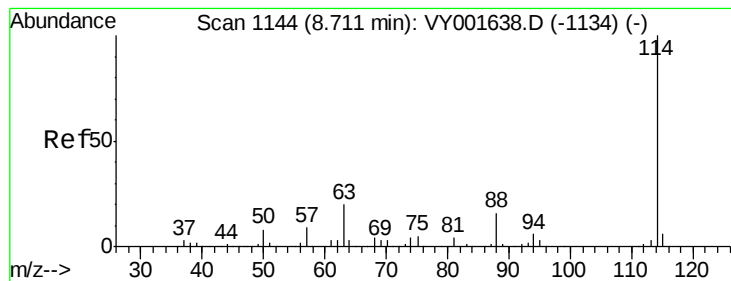
67 55.8 0.0 111.0



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: VY001821.D

Acq: 02 Mar 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

G-2

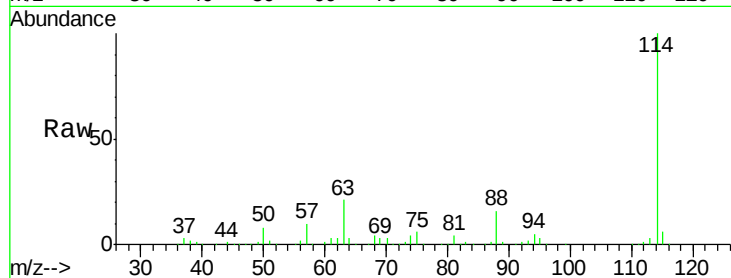
Tgt Ion:114 Resp: 278455

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.4

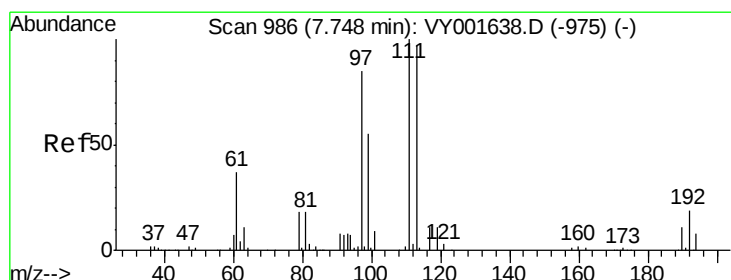
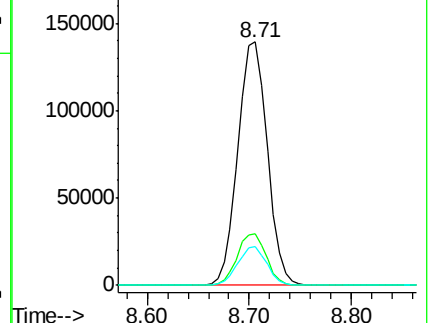
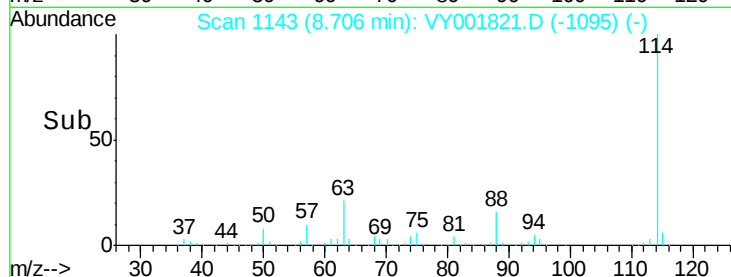
88 15.7 0.0 32.8



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: 52.08 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001821.D

Acq: 02 Mar 2020 15:27

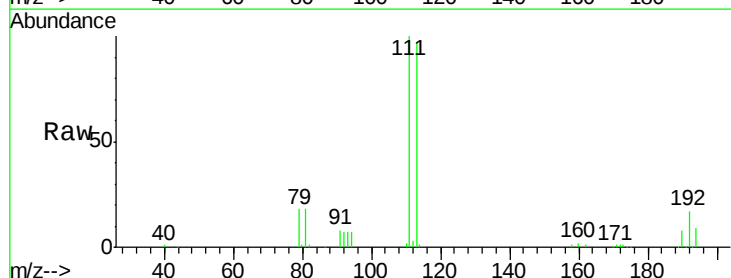
Tgt Ion:113 Resp: 83068

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

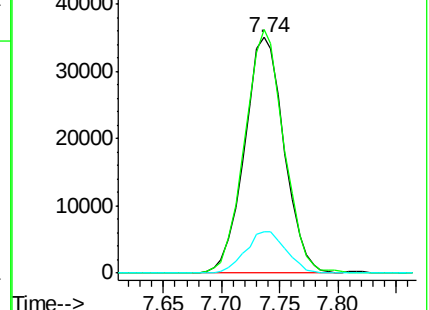
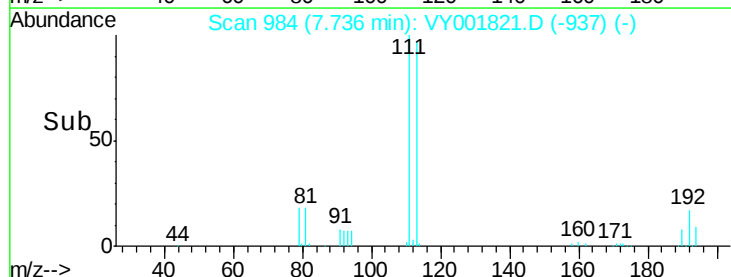
192 18.0 14.3 21.5

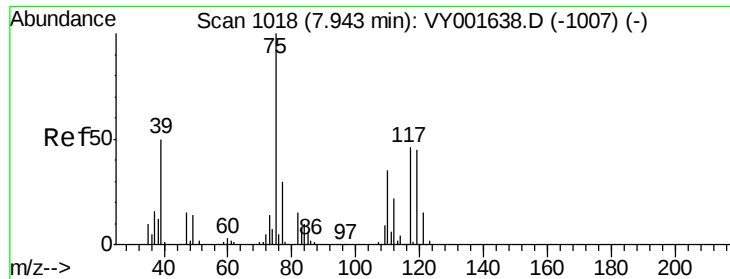


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

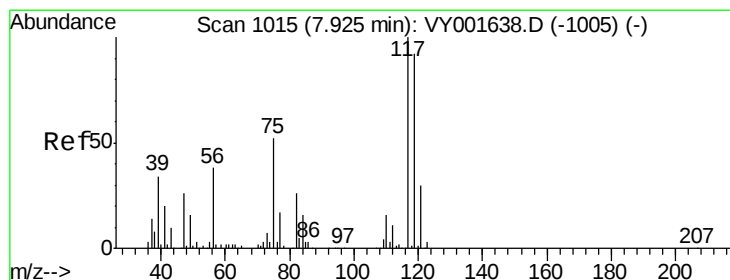
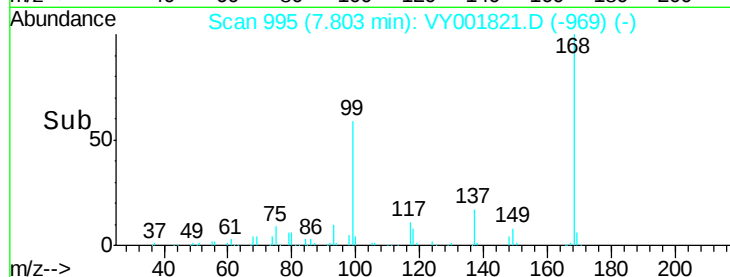
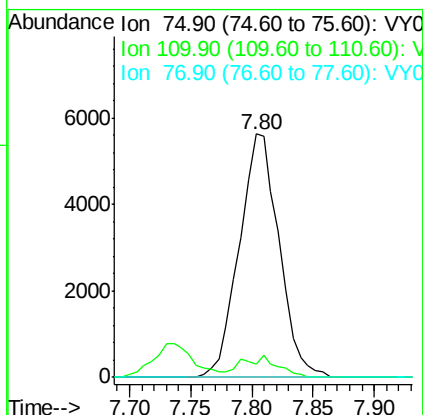
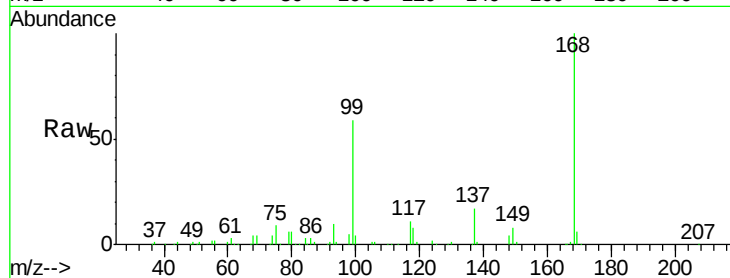




#36
 1,1-Dichloropropene
 Concen: 4.78 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.14 min
 Lab File: VY001821.D
 Acq: 02 Mar 2020 15:27

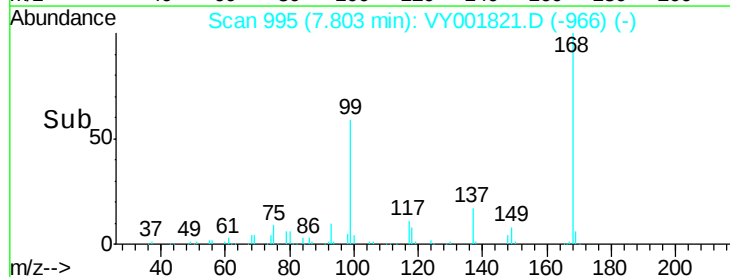
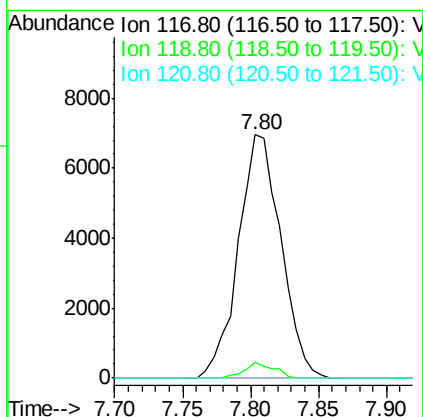
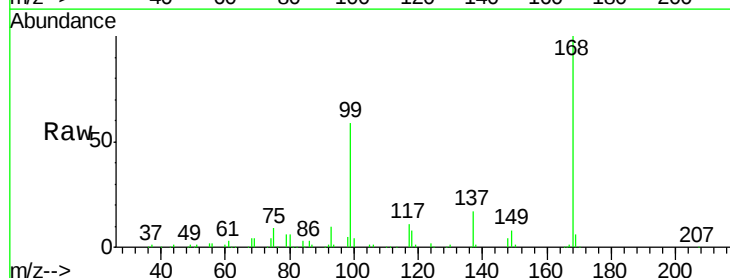
Instrument :
 MSVOA_Y
 ClientSampleId :
 G-2

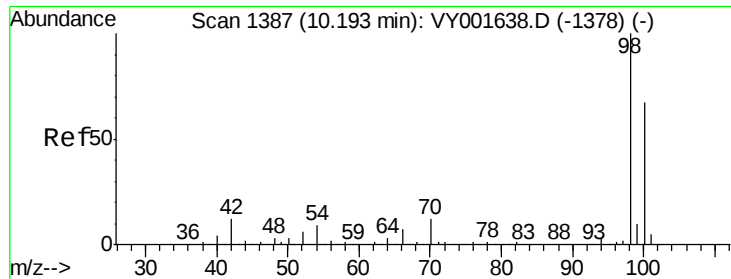
Tgt Ion: 75 Resp: 12716
 Ion Ratio Lower Upper
 75 100
 110 8.3 17.2 51.6#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.52 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY001821.D
 Acq: 02 Mar 2020 15:27

Tgt Ion: 117 Resp: 15243
 Ion Ratio Lower Upper
 117 100
 119 6.5 74.8 112.2#
 121 0.0 23.8 35.6#





#50

Toluene-d8

Concen: 54.56 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001821.D

Acq: 02 Mar 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

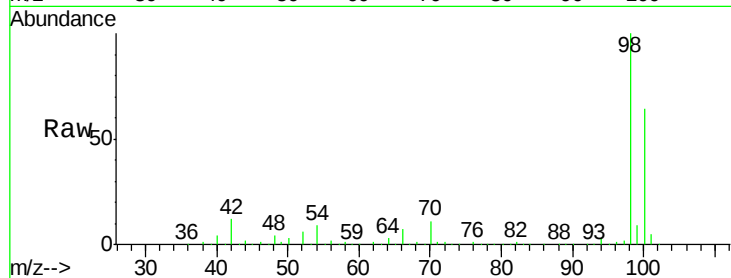
G-2

Tgt Ion: 98 Resp: 340881

Ion Ratio Lower Upper

98 100

100 65.8 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) (-)

10.19

200000

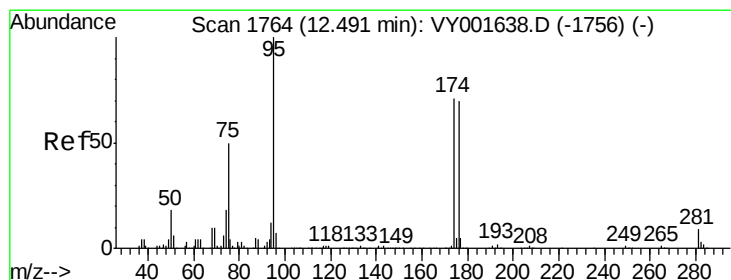
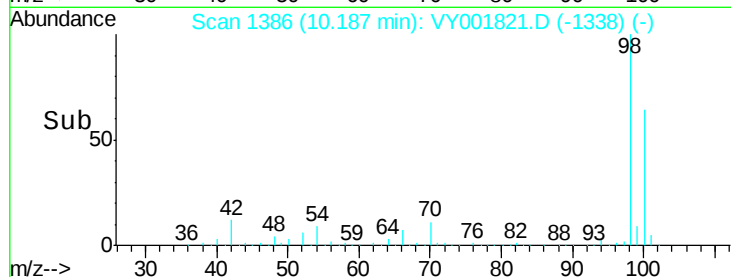
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.86 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001821.D

Acq: 02 Mar 2020 15:27

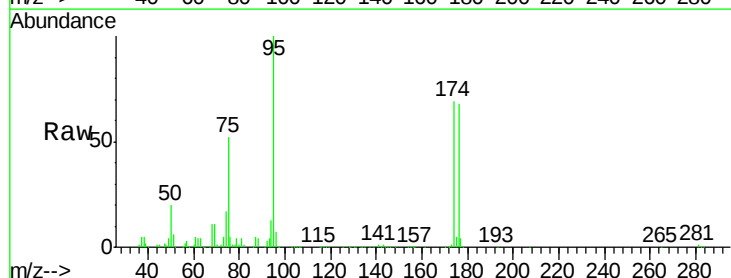
Tgt Ion: 95 Resp: 116183

Ion Ratio Lower Upper

95 100

174 72.3 0.0 138.4

176 69.9 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY001638.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001638.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001638.D (-1756) (-)

12.49

100000

80000

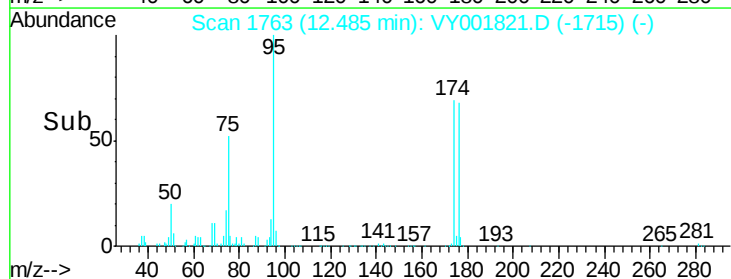
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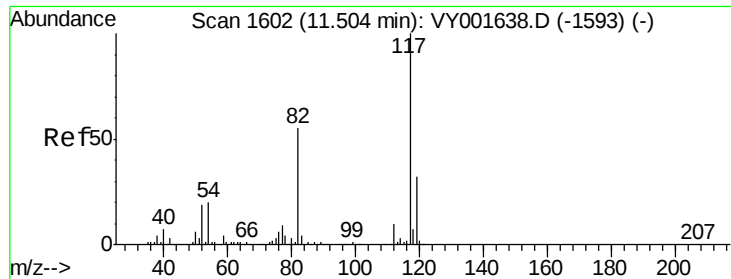
40000

20000

0

Time-->

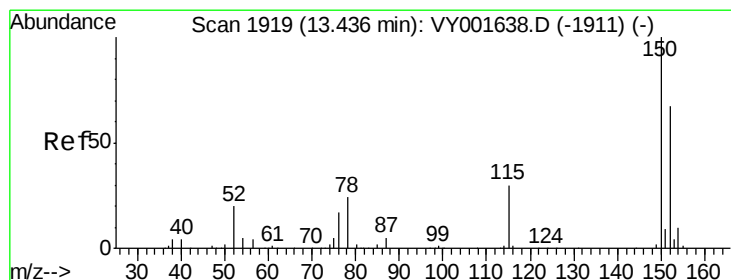
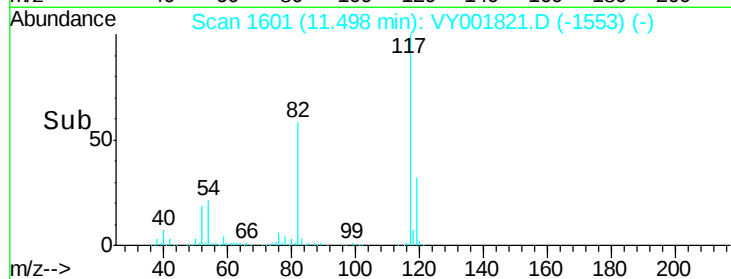
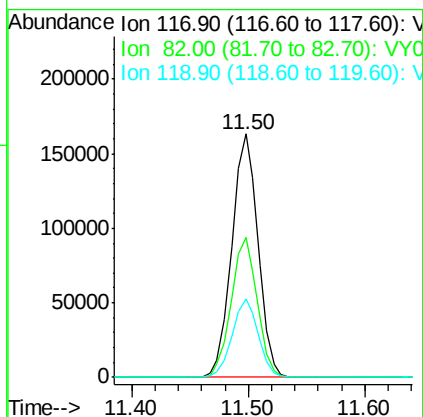
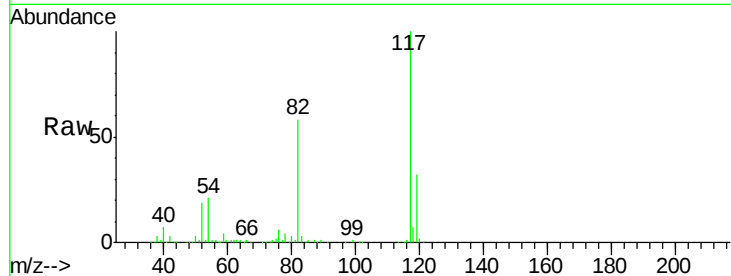




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001821.D
Acq: 02 Mar 2020 15:27

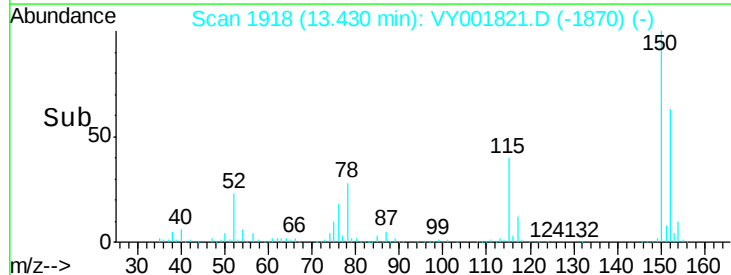
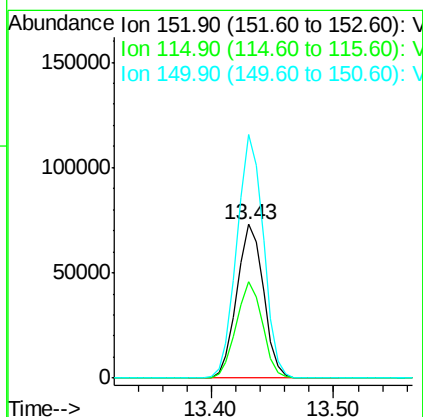
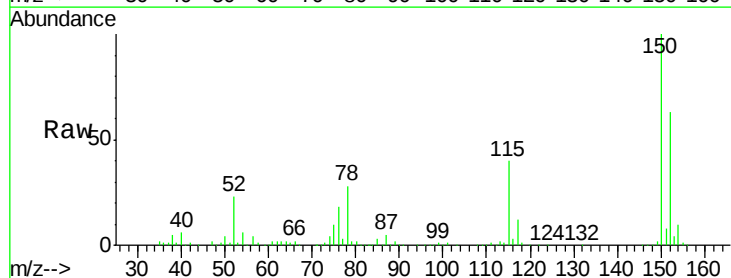
Instrument :
MSVOA_Y
ClientSampleId :
G-2

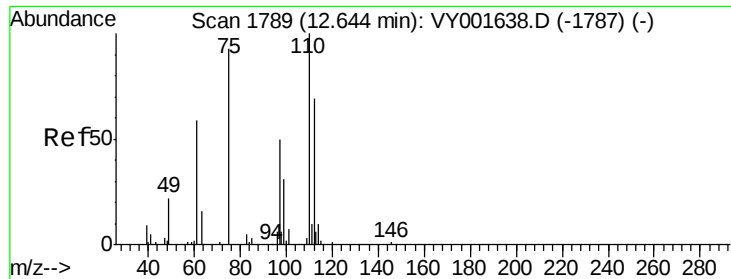
Tgt Ion:117 Resp: 255691
Ion Ratio Lower Upper
117 100
82 57.5 45.5 68.3
119 32.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001821.D
Acq: 02 Mar 2020 15:27

Tgt Ion:152 Resp: 109817
Ion Ratio Lower Upper
152 100
115 61.7 31.4 94.2
150 157.9 0.0 407.2

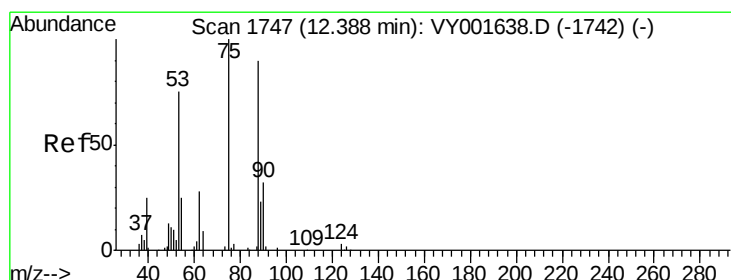
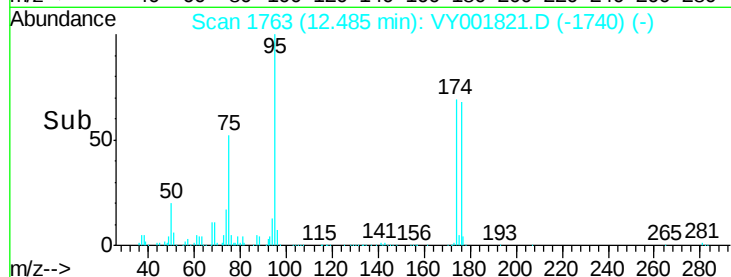
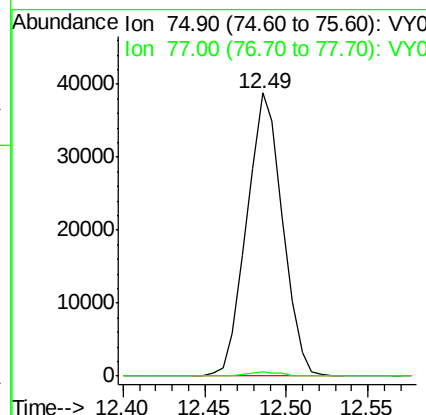
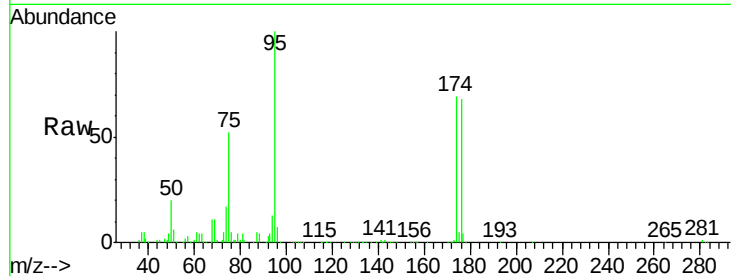




#76
 1,2,3-Trichloropropane
 Concen: 47.13 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.16 min
 Lab File: VY001821.D
 Acq: 02 Mar 2020 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 G-2

Tgt Ion: 75 Resp: 59371
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.41 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY001821.D
 Acq: 02 Mar 2020 15:27

Tgt Ion: 75 Resp: 59371
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.5 96.7#
 89 0.0 36.3 54.5#

