

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
 Data File : VY001743.D
 Acq On : 21 Feb 2020 15:26
 Operator : SY/MD
 Sample : L1623-08
 Misc : 8.41G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 22 03:43:24 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	159920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	299358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	272510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	121288	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	98907	57.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	115.00%	
35) Dibromofluoromethane	7.74	113	86463	50.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.86%	
50) Toluene-d8	10.19	98	360500	53.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.34%	
62) 4-Bromofluorobenzene	12.49	95	126315	48.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.80%	

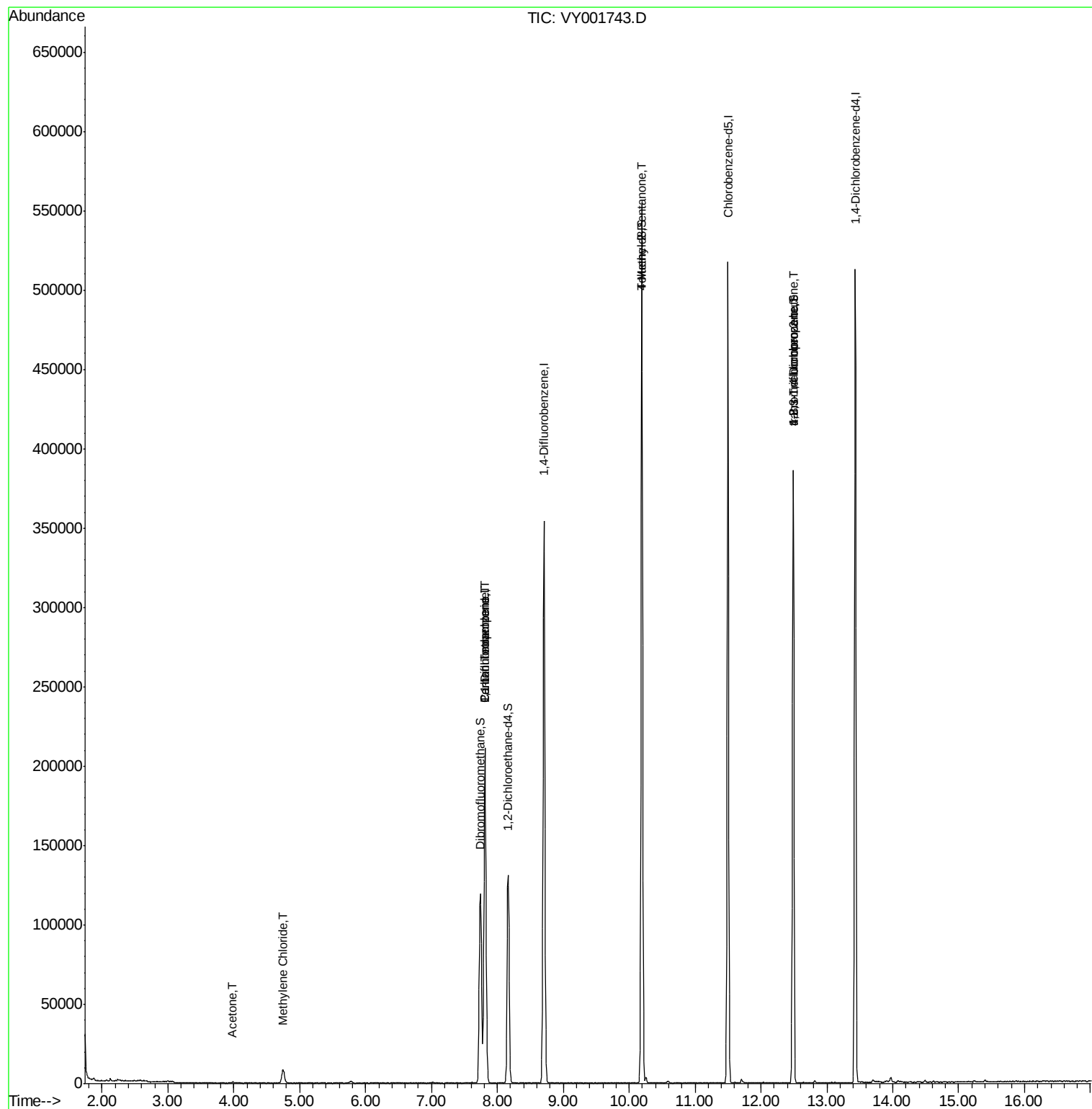
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	21	Below Cal	#	74
16) Acetone	3.98	43	1275	2.142	ug/l #	85
20) Methylene Chloride	4.74	84	6038	2.856	ug/l	91
36) 1,1-Dichloropropene	7.81	75	13407	4.689	ug/l #	51
38) Carbon Tetrachloride	7.81	117	16009	6.374	ug/l #	16
51) 4-Methyl-2-Pentanone	10.19	43	1738	1.045	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	64149	46.106	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	64149	87.471	ug/l #	17

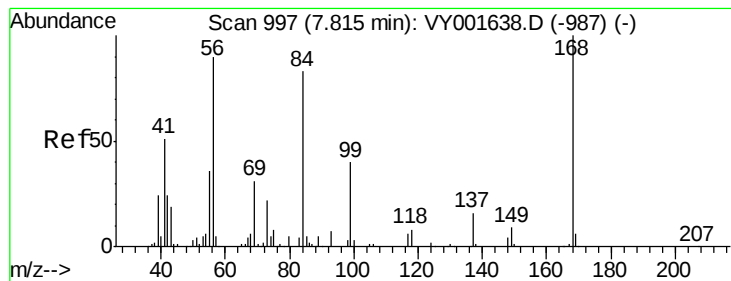
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
Data File : VY001743.D
Acq On : 21 Feb 2020 15:26
Operator : SY/MD
Sample : L1623-08
Misc : 8.41G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 22 03:43:24 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: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001743.D

Acq: 21 Feb 2020 15:26

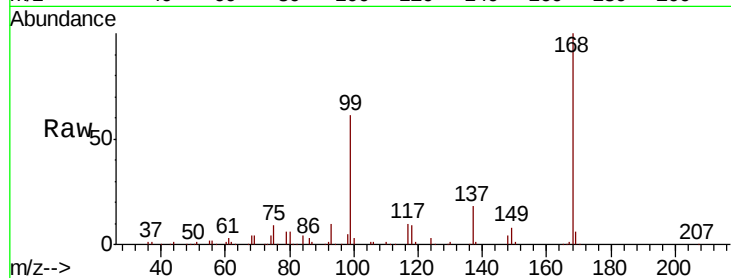
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 159920

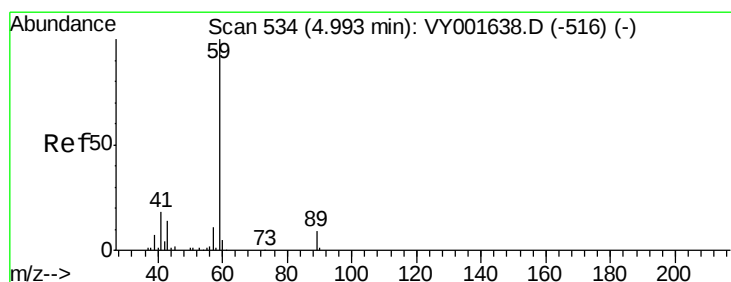
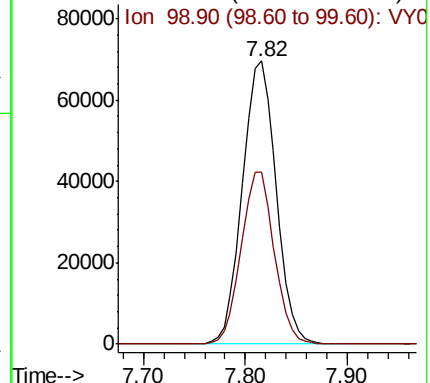
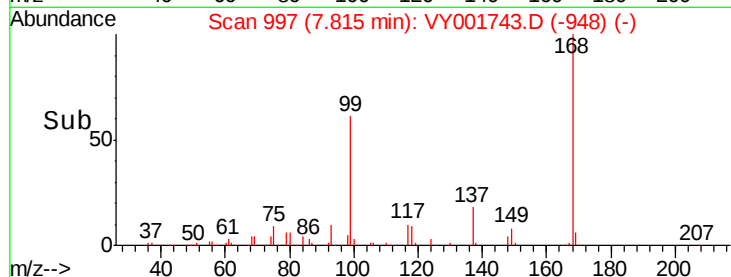
Ion Ratio Lower Upper

168 100

99 61.0 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001743.D (-948) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 534

Delta R.T. 0.00 min

Lab File: VY001743.D

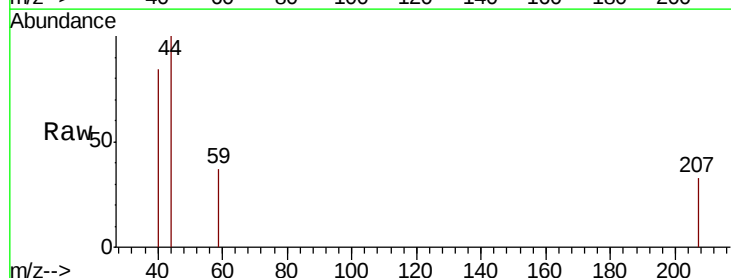
Acq: 21 Feb 2020 15:26

Tgt Ion: 59 Resp: 21

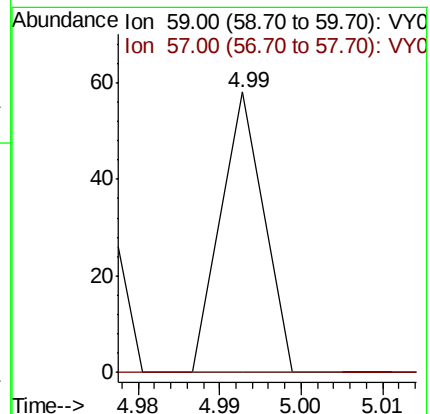
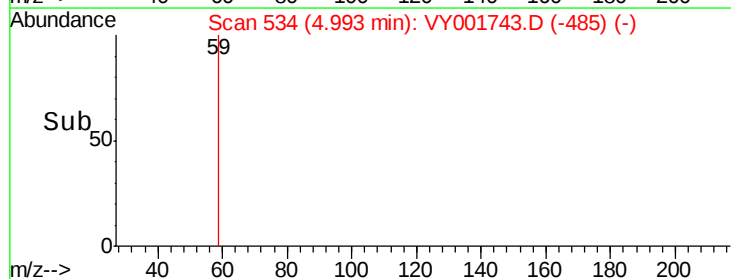
Ion Ratio Lower Upper

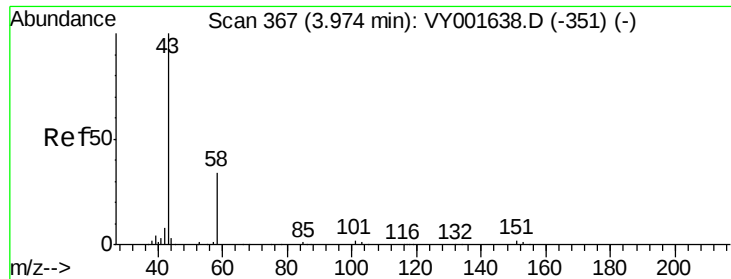
59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001743.D (-485) (-)





#16

Acetone

Concen: 2.142 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001743.D

Acq: 21 Feb 2020 15:26

Instrument :

MSVOA_Y

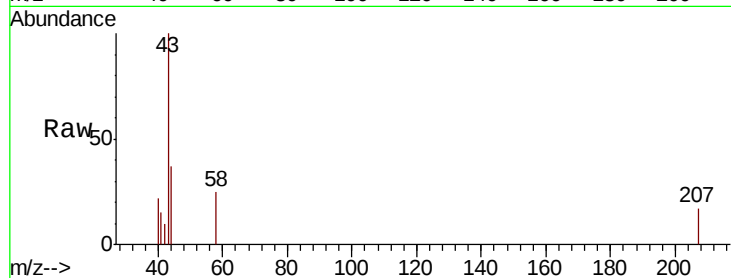
ClientSampleId :

Tot Ion: 43 Resp: 1275

Ion Ratio Lower Upper

43 100

58 25.4 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.98

600

500

400

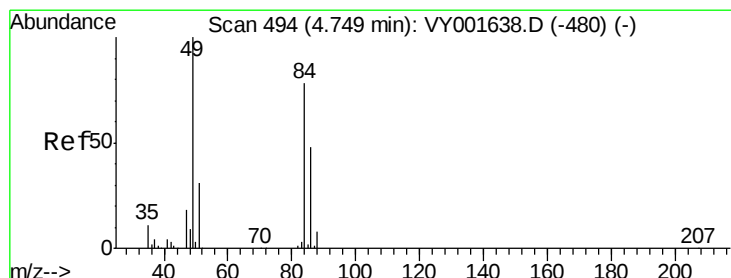
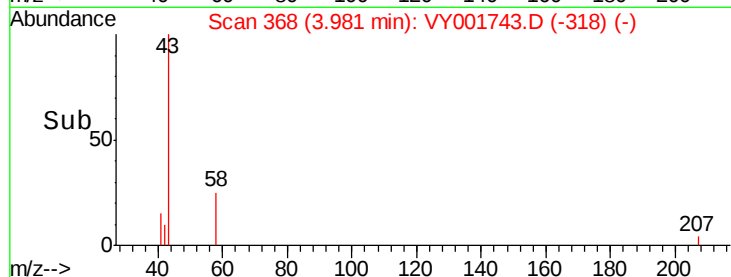
300

200

100

0

Time-->



#20

Methylene Chloride

Concen: 2.856 ug/l

RT: 4.74 min Scan# 493

Delta R.T. -0.01 min

Lab File: VY001743.D

Acq: 21 Feb 2020 15:26

Tgt Ion: 84 Resp: 6038

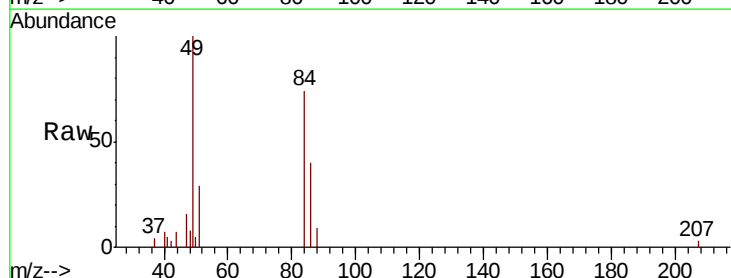
Ion Ratio Lower Upper

84 100

49 135.5 99.2 148.8

51 38.8 31.5 47.3

86 54.8 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

4000

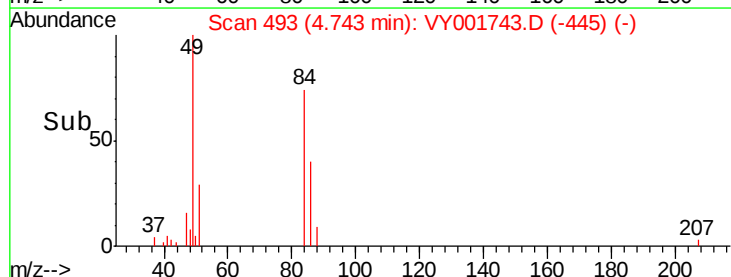
3000

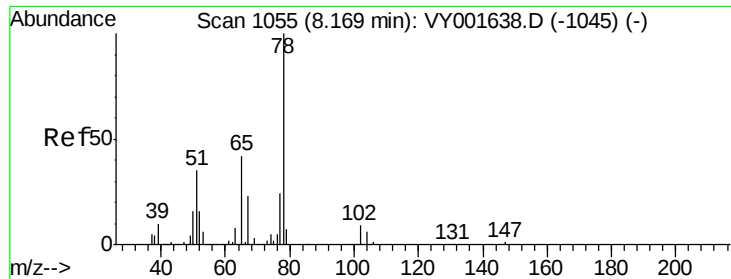
2000

1000

0

Time-->

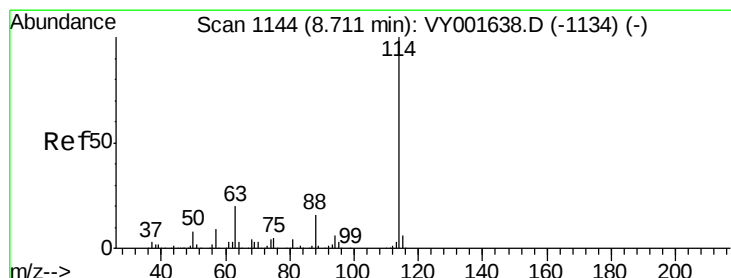
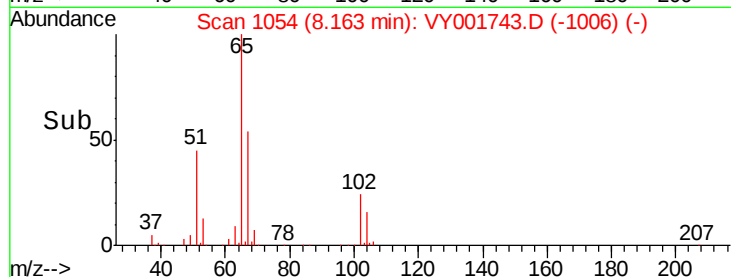
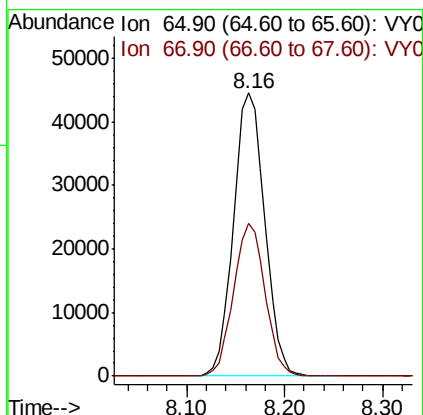
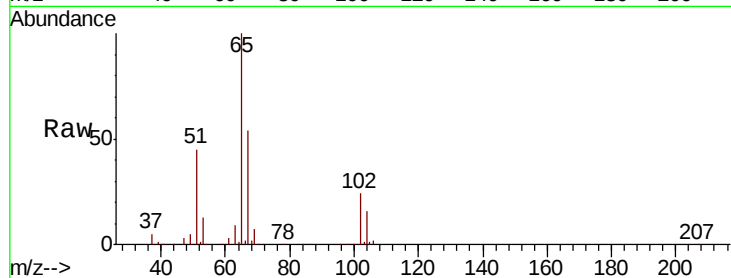




#33
 1,2-Dichloroethane-d4
 Concen: 57.498 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001743.D
 Acq: 21 Feb 2020 15:26

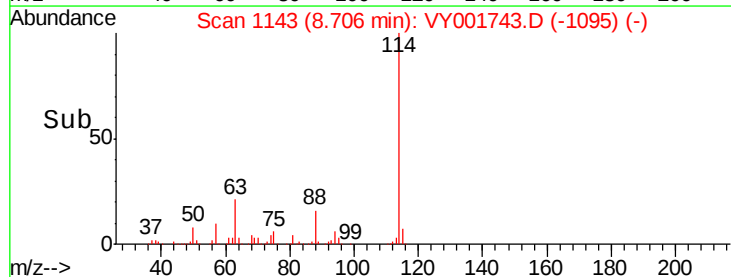
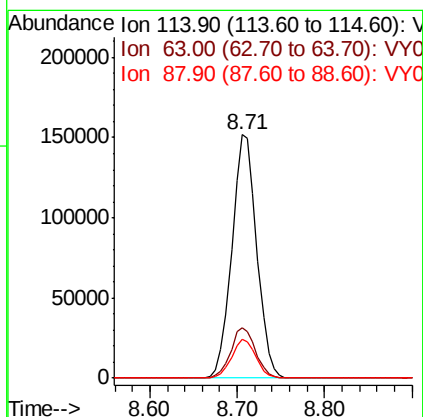
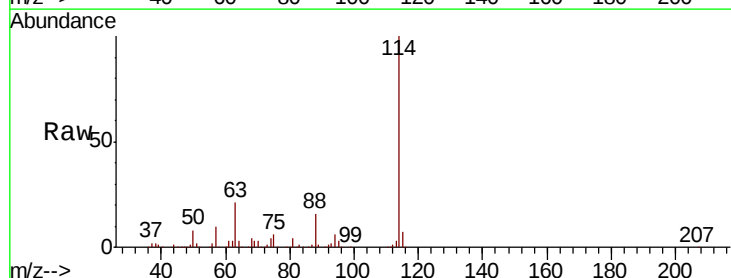
Instrument :
 MSVOA_Y
 ClientSampleId :

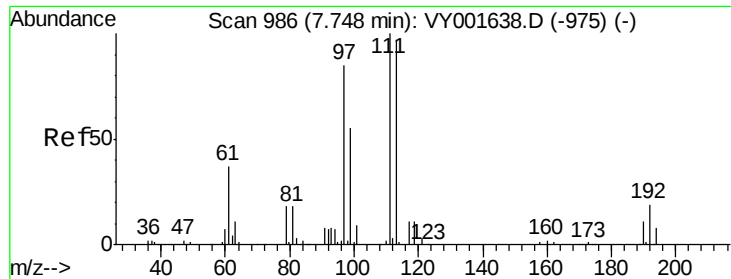
Tot Ion: 65 Resp: 98907
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001743.D
 Acq: 21 Feb 2020 15:26

Tgt Ion: 114 Resp: 299358
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.4
 88 15.9 0.0 32.8

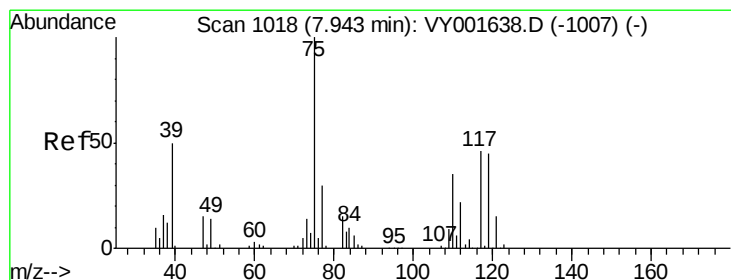
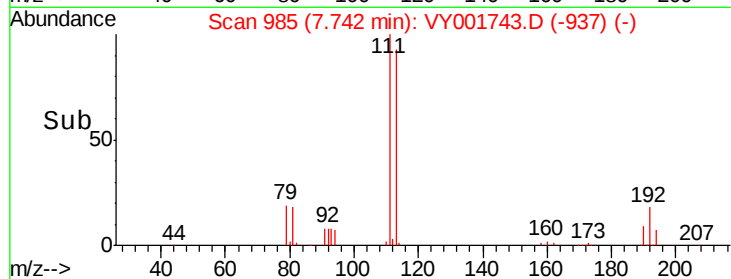
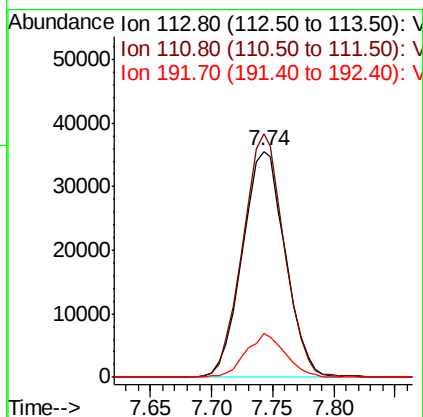
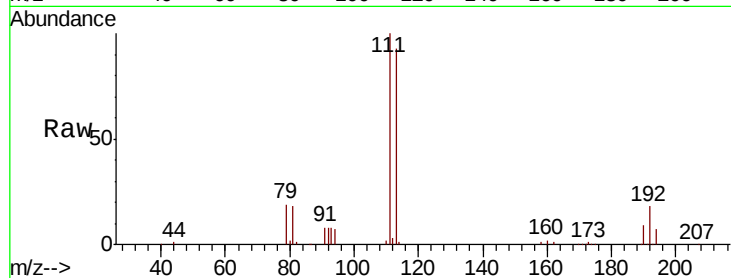




#35
 Dibromofluoromethane
 Concen: 50.428 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001743.D
 Acq: 21 Feb 2020 15:26

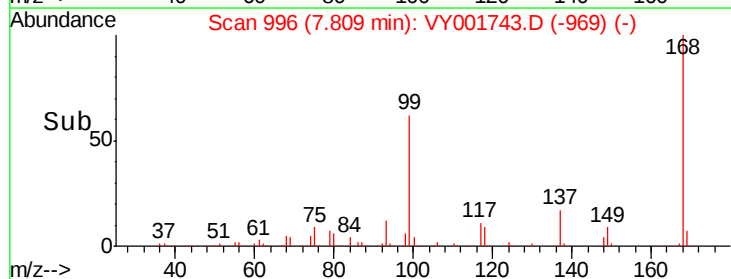
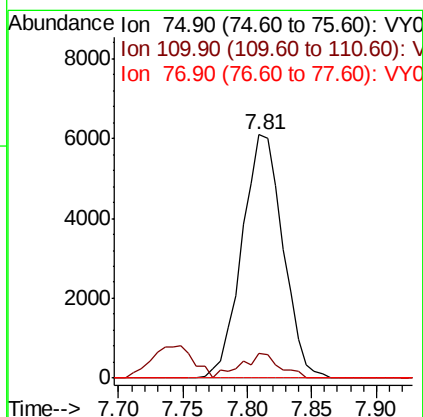
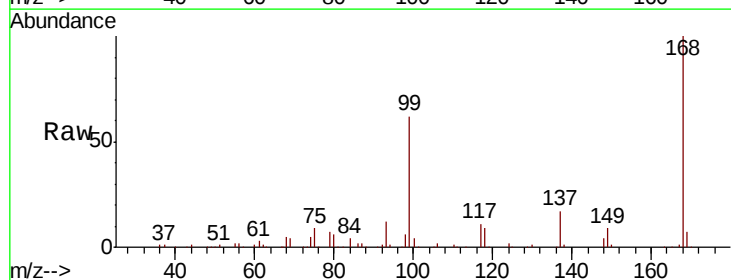
Instrument :
 MSVOA_Y
 ClientSampleId :

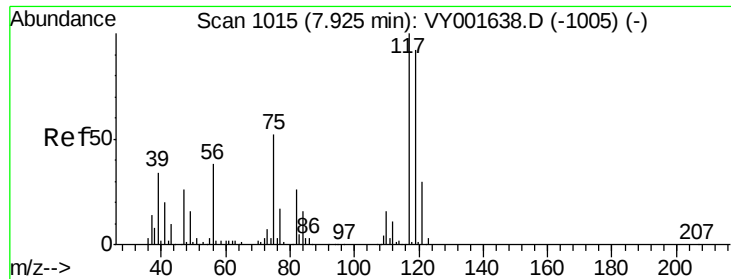
Tot Ion:113 Resp: 86463
 Ion Ratio Lower Upper
 113 100
 111 104.5 81.9 122.9
 192 18.1 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 4.689 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY001743.D
 Acq: 21 Feb 2020 15:26

Tgt Ion: 75 Resp: 13407
 Ion Ratio Lower Upper
 75 100
 110 9.7 17.2 51.6#
 77 0.0 24.8 37.2#

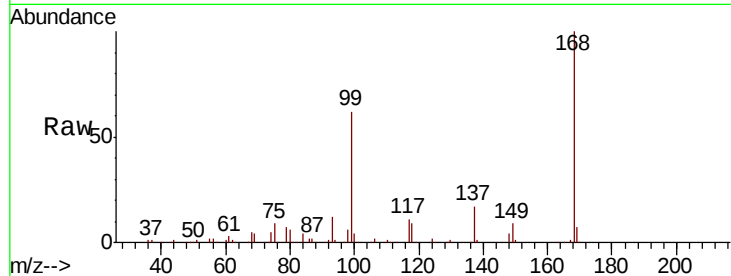




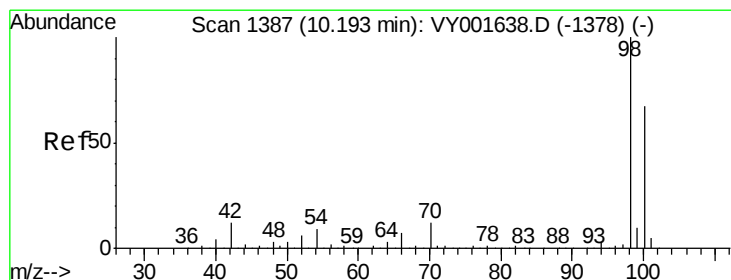
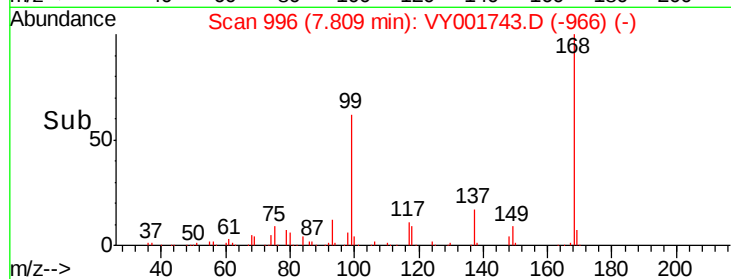
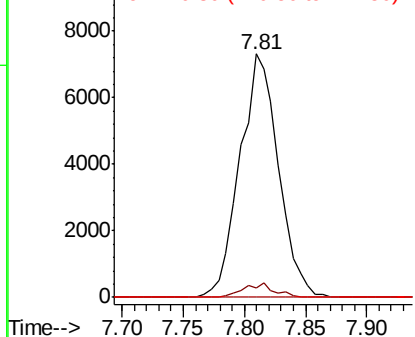
#38
Carbon Tetrachloride
Concen: 6.374 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.12 min
Lab File: VY001743.D
Acq: 21 Feb 2020 15:26

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 16009
Ion Ratio Lower Upper
117 100
119 3.6 74.8 112.2#
121 0.0 23.8 35.6#

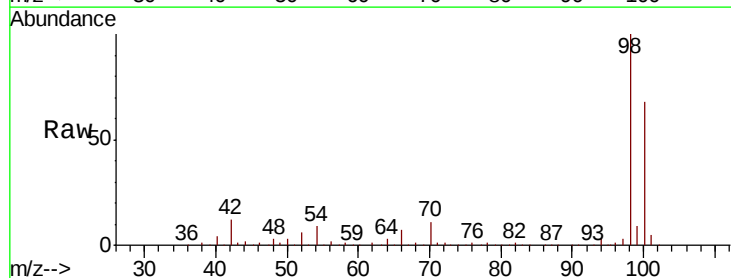


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

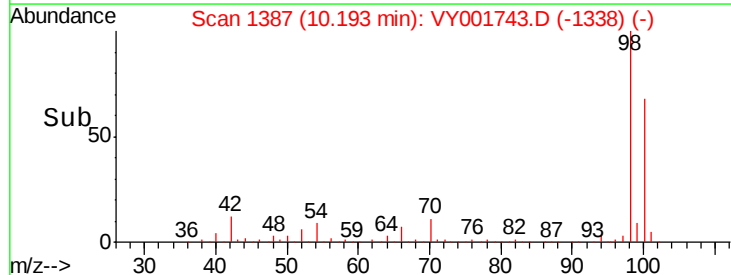
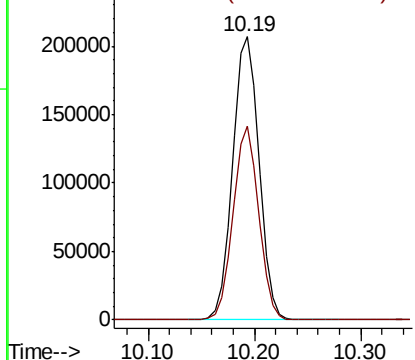


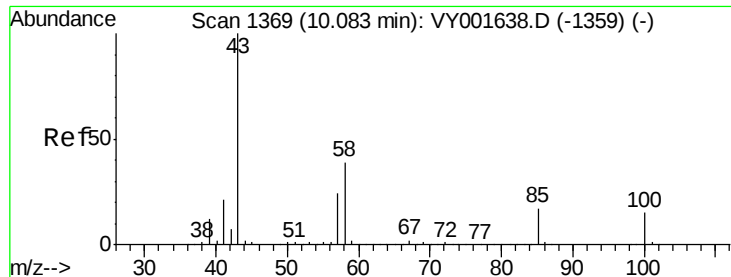
#50
Toluene-d8
Concen: 53.668 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001743.D
Acq: 21 Feb 2020 15:26

Tgt Ion: 98 Resp: 360500
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



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





#51

4-Methyl-2-Pentanone

Concen: 1.045 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.11 min

Lab File: VY001743.D

Acq: 21 Feb 2020 15:26

Instrument :

MSVOA_Y

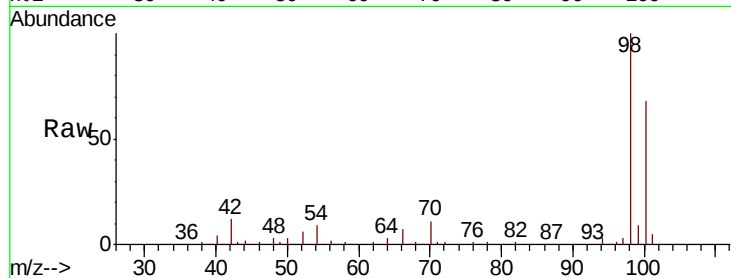
ClientSampleId :

Tot Ion: 43 Resp: 1738

Ion Ratio Lower Upper

43 100

58 170.7 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) (-)

10.19

1500

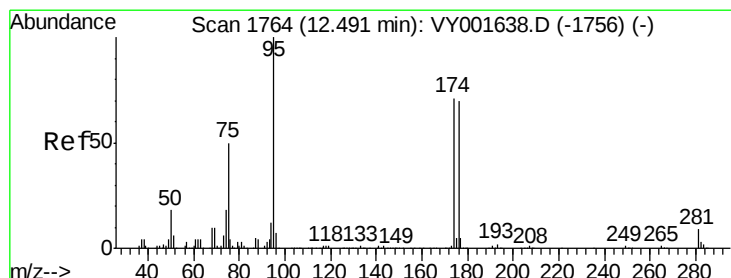
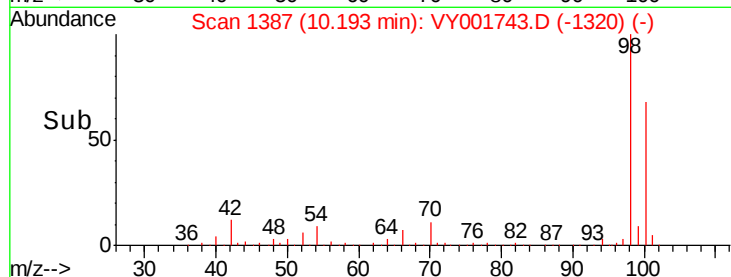
1000

500

0

10.15 10.20 10.25

Time-->



#62

4-Bromofluorobenzene

Concen: 48.404 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001743.D

Acq: 21 Feb 2020 15:26

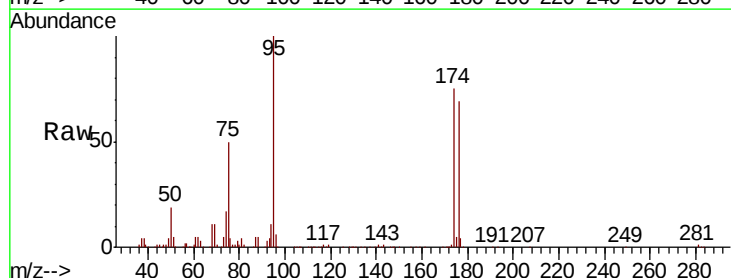
Tgt Ion: 95 Resp: 126315

Ion Ratio Lower Upper

95 100

174 71.9 0.0 138.4

176 68.9 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

60000

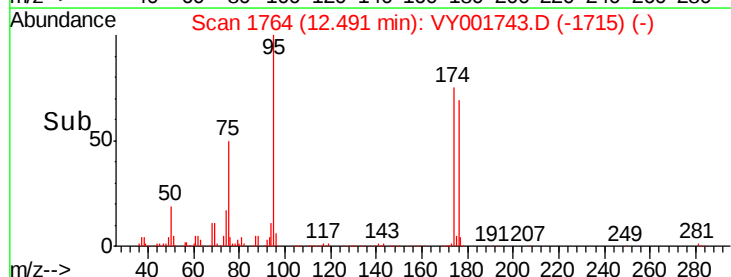
40000

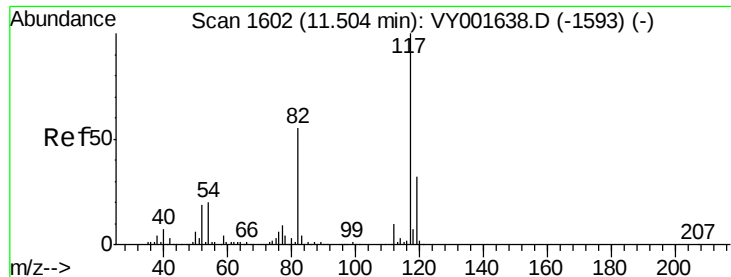
20000

0

12.40 12.45 12.50 12.55

Time-->

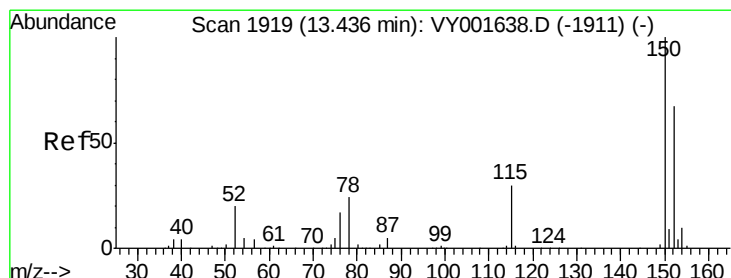
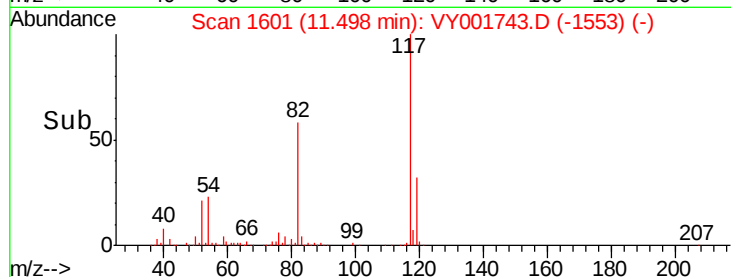
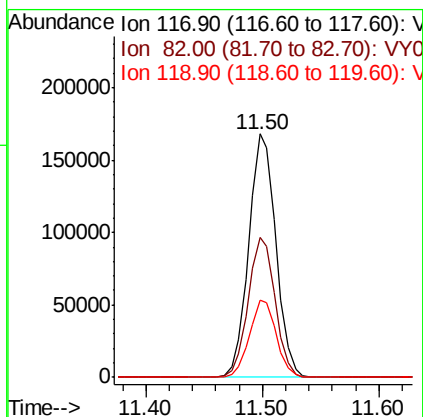
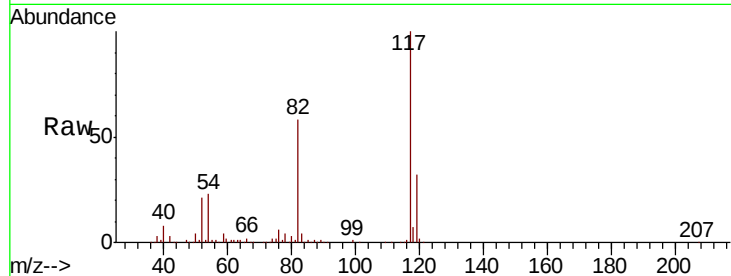




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001743.D
Acq: 21 Feb 2020 15:26

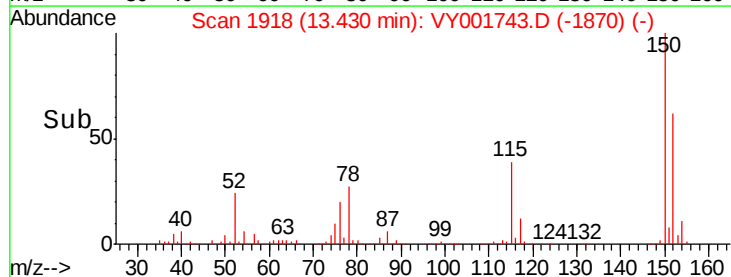
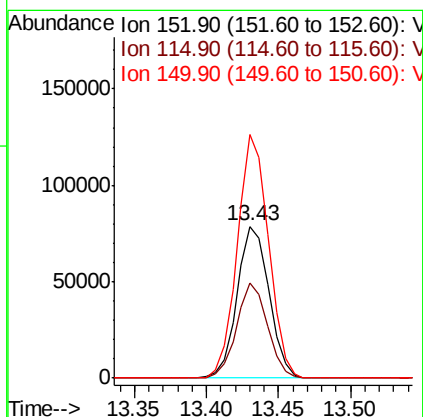
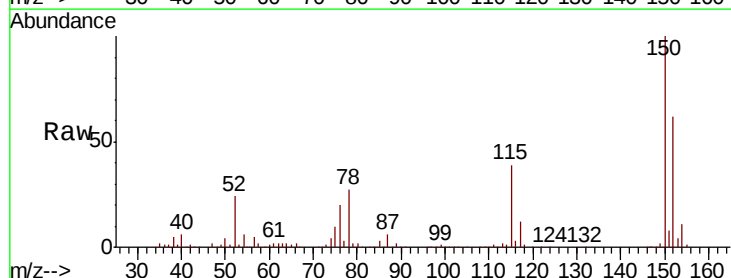
Instrument :
MSVOA_Y
ClientSampleId :

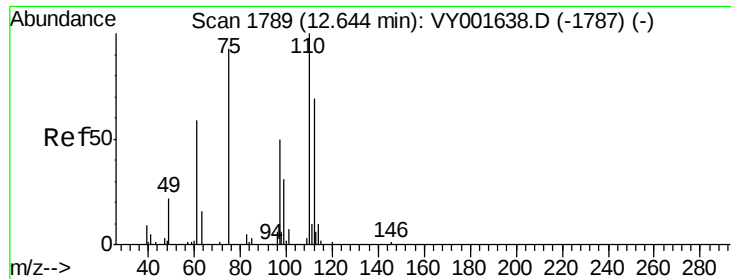
Tot Ion:117 Resp: 272510
Ion Ratio Lower Upper
117 100
82 57.6 45.5 68.3
119 31.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001743.D
Acq: 21 Feb 2020 15:26

Tgt Ion:152 Resp: 121288
Ion Ratio Lower Upper
152 100
115 60.5 31.4 94.2
150 157.0 0.0 407.2





#76

1,2,3-Trichloropropane

Concen: 46.106 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001743.D

Acq: 21 Feb 2020 15:26

Instrument :

MSVOA_Y

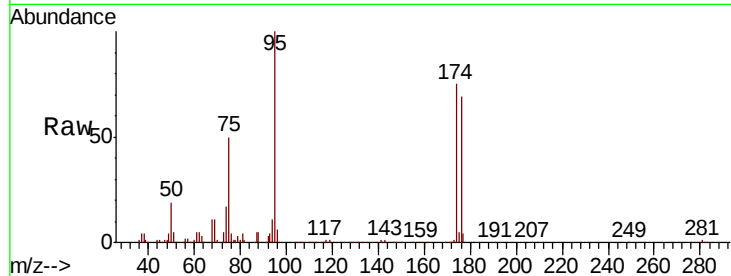
ClientSampleId :

Tot Ion: 75 Resp: 64149

Ion Ratio Lower Upper

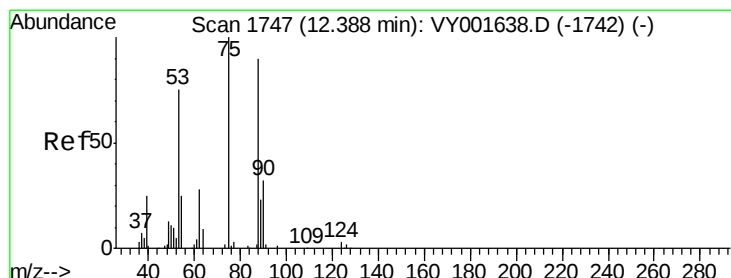
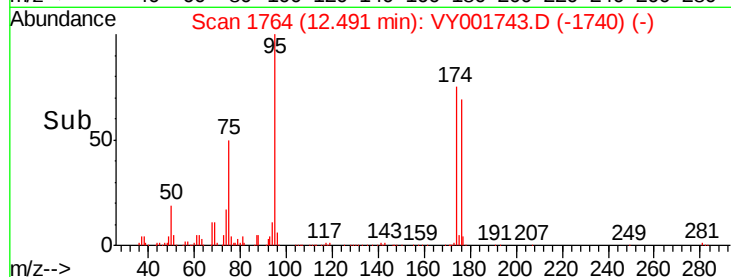
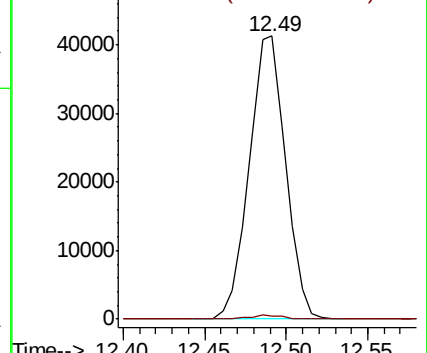
75 100

77 1.3 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: 87.471 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001743.D

Acq: 21 Feb 2020 15:26

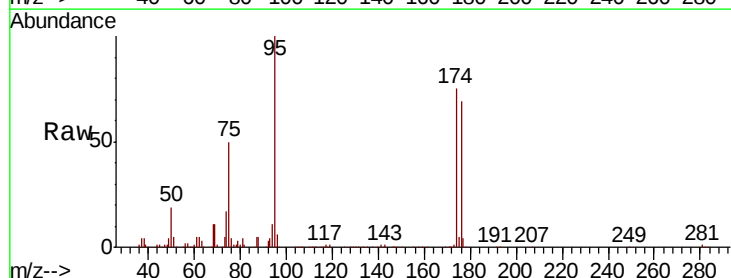
Tgt Ion: 75 Resp: 64149

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.2 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

