

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031020\
 Data File : VY001925.D
 Acq On : 10 Mar 2020 16:26
 Operator : SY/MD
 Sample : L1859-09
 Misc : 6.85G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 11 03:59:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

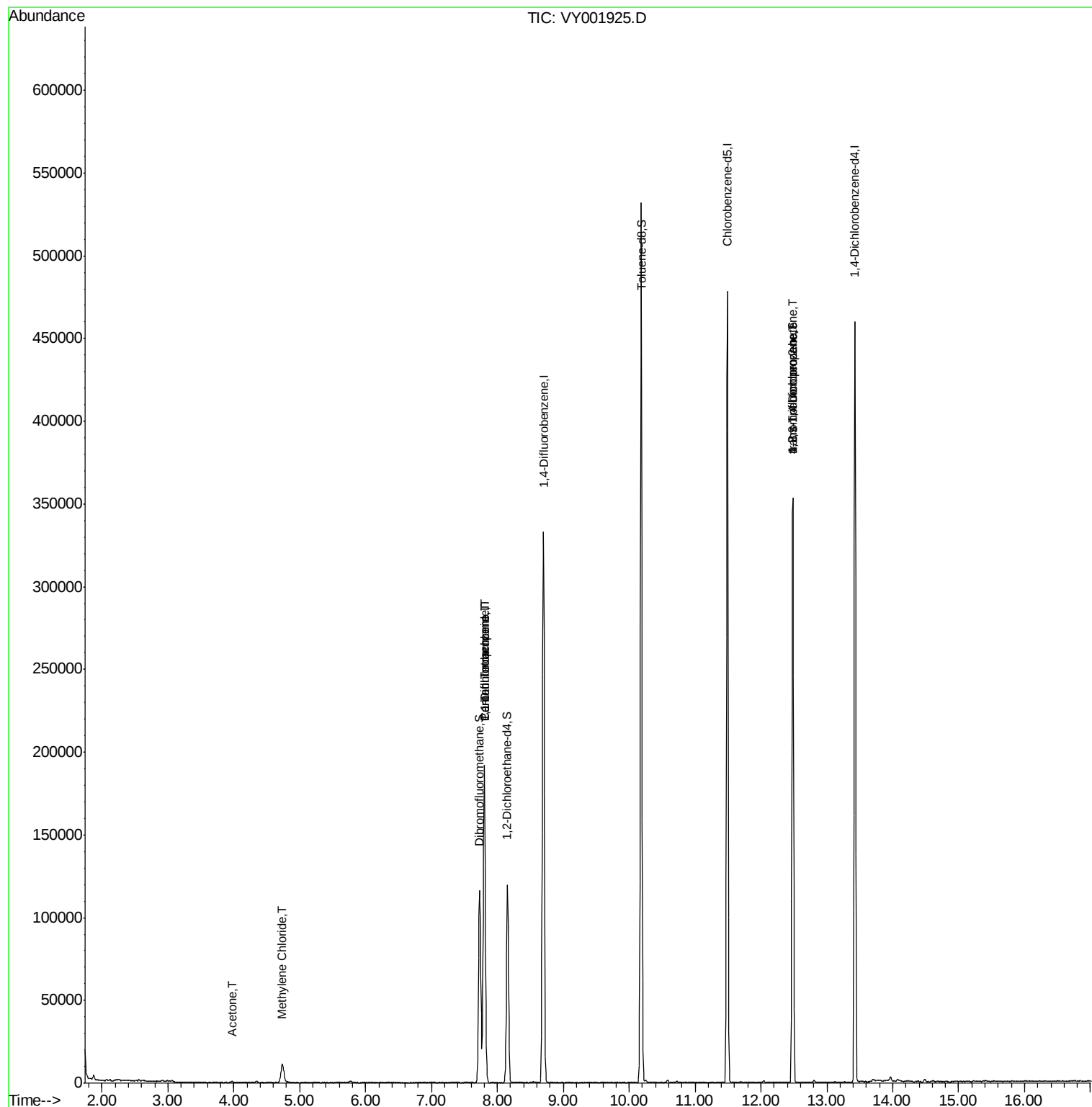
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	143765	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	282439	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	254747	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	111444	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	90002	58.64	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	117.28%	
35) Dibromofluoromethane	7.73	113	82343	53.39	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	106.78%	
50) Toluene-d8	10.18	98	341212	52.47	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	104.94%	
62) 4-Bromofluorobenzene	12.48	95	116019	51.31	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.62%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.66	94	20	Below Cal	#	4
11) Tert butyl alcohol	4.96	59	54	Below Cal	#	74
16) Acetone	3.97	43	1477	3.304	ug/l	92
20) Methylene Chloride	4.73	84	8514	4.444	ug/l	97
36) 1,1-Dichloropropene	7.80	75	12336	4.539	ug/l #	50
38) Carbon Tetrachloride	7.80	117	14816	6.381	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	58698	44.389	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	58698	89.663	ug/l #	17

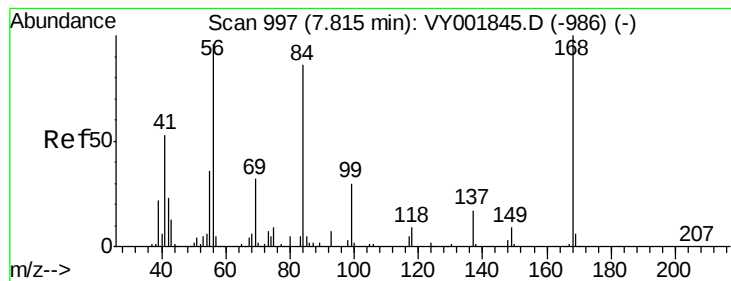
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031020\
Data File : VY001925.D
Acq On : 10 Mar 2020 16:26
Operator : SY/MD
Sample : L1859-09
Misc : 6.85G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Mar 11 03:59:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001925.D

Acq: 10 Mar 2020 16:26

Instrument :

MSVOA_Y

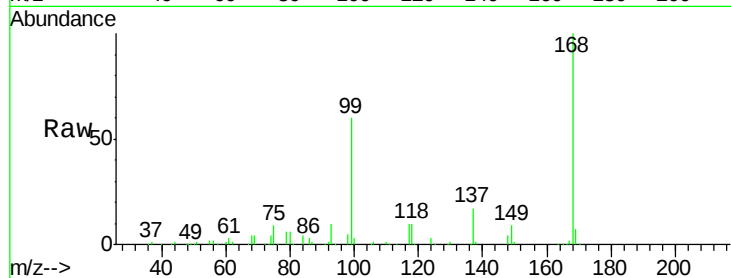
ClientSampleId :

Tot Ion:168 Resp: 143765

Ion Ratio Lower Upper

168 100

99 60.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.80

60000

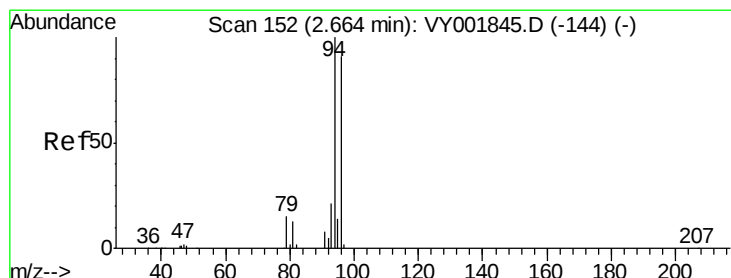
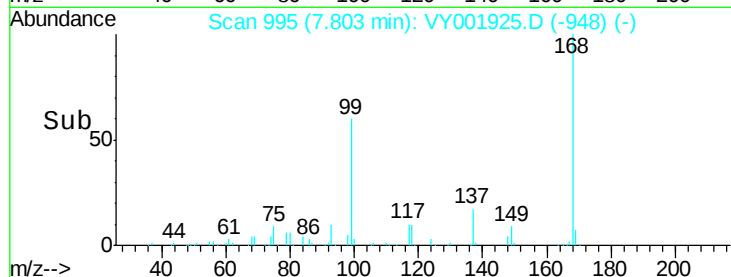
40000

20000

0

7.70 7.80 7.90

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001925.D

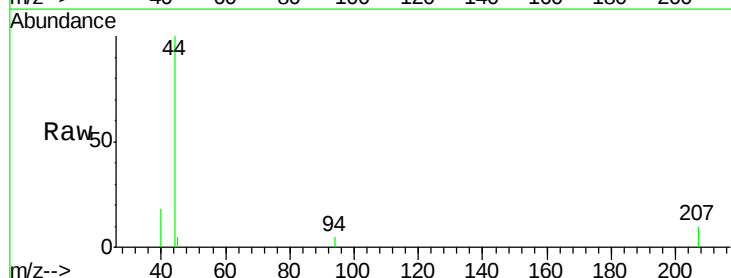
Acq: 10 Mar 2020 16:26

Tgt Ion: 94 Resp: 20

Ion Ratio Lower Upper

94 100

96 0.0 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VY001845.D (-144) (-)

Ion 95.90 (95.60 to 96.60): VY001845.D (-144) (-)

2.66

60

50

40

30

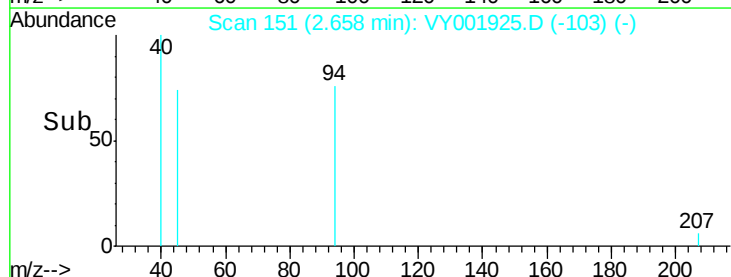
20

10

0

2.64 2.65 2.66 2.67

Time-->



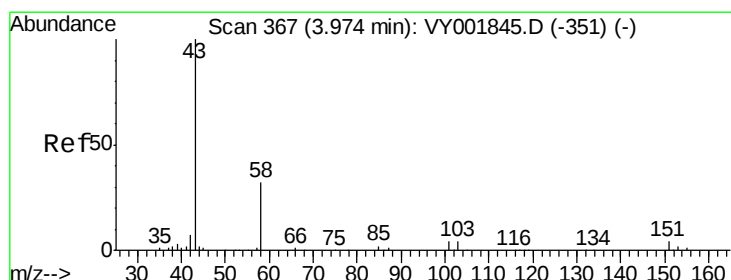
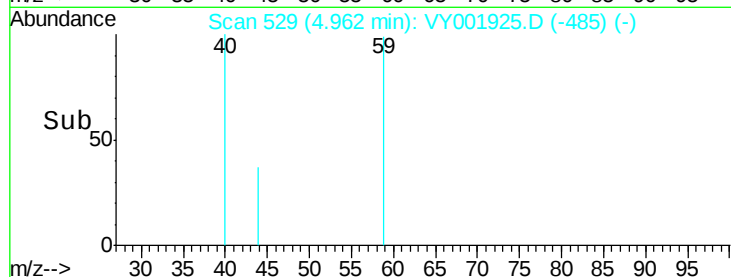
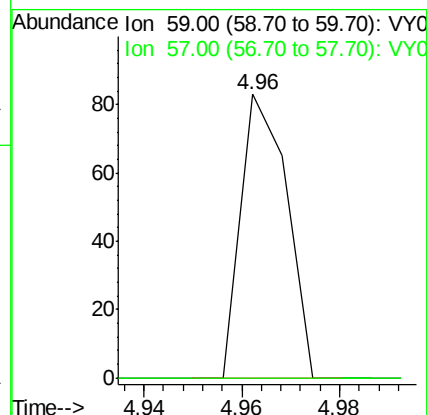
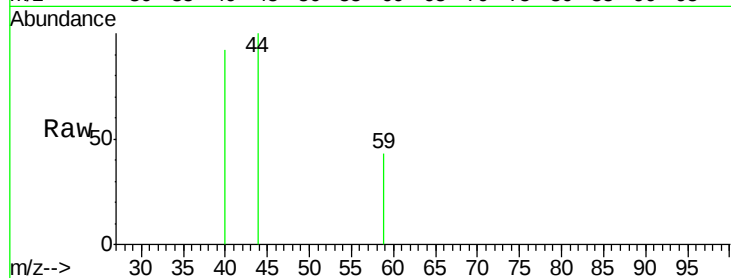


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.96 min Scan# 529
 Delta R.T. -0.03 min
 Lab File: VY001925.D
 Acq: 10 Mar 2020 16:26

Instrument :
 MSVOA_Y
 ClientSampled :

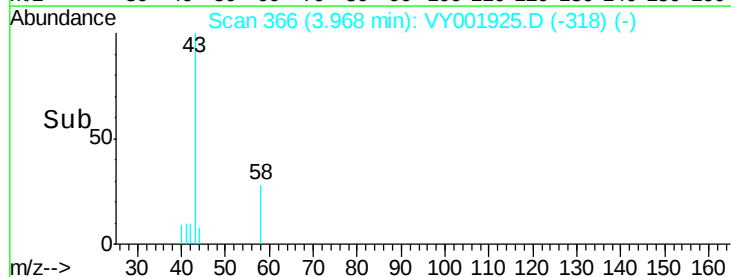
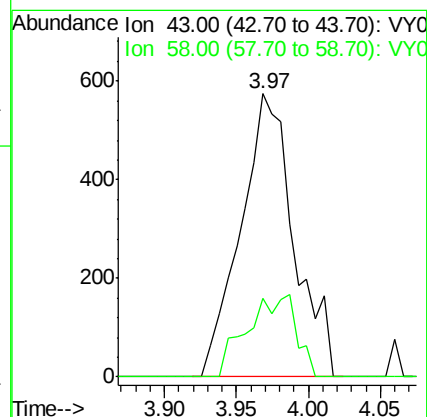
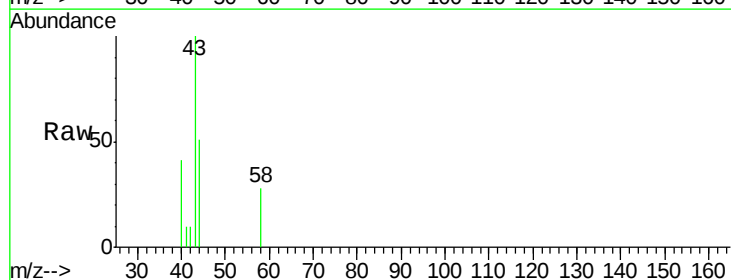
Tot Ion: 59 Resp: 54
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

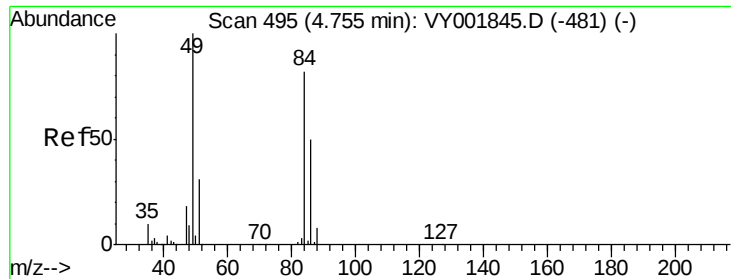


#16

Acetone
 Concen: 3.304 ug/l
 RT: 3.97 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VY001925.D
 Acq: 10 Mar 2020 16:26

Tgt Ion: 43 Resp: 1477
 Ion Ratio Lower Upper
 43 100
 58 27.7 25.9 38.9

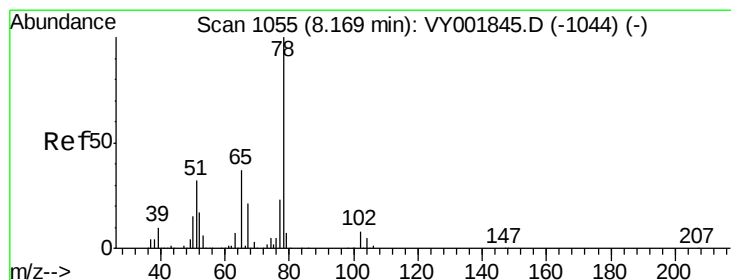
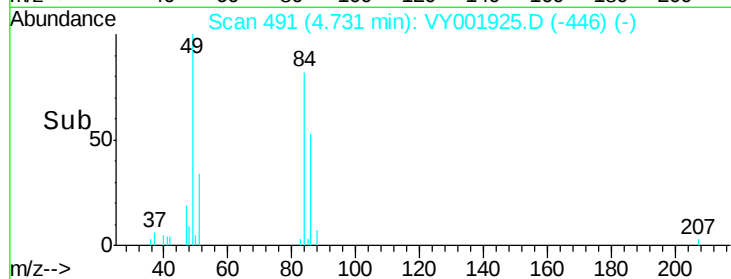
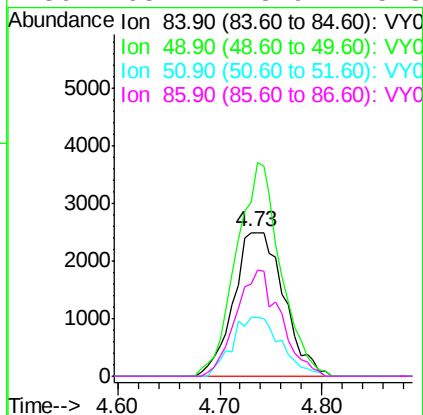
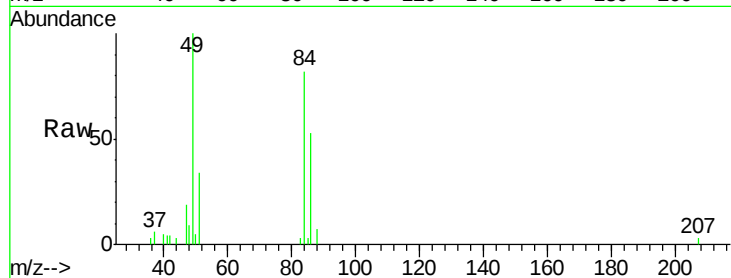




#20
Methvlene Chloride
Concen: 4.444 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.02 min
Lab File: VY001925.D
Acq: 10 Mar 2020 16:26

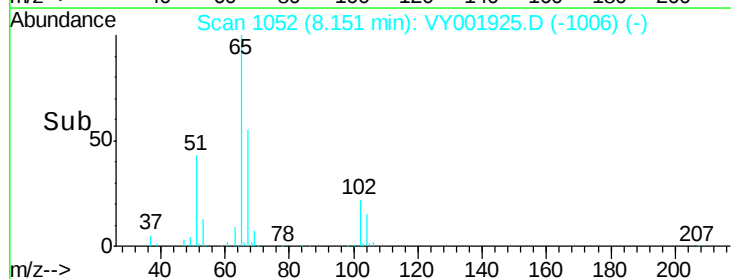
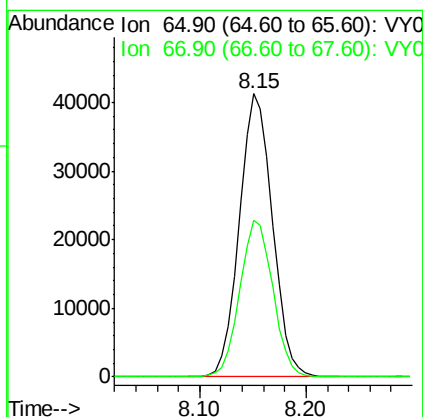
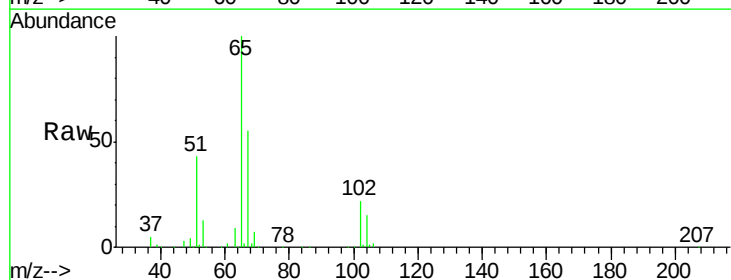
Instrument :
MSVOA_Y
ClientSampleId :

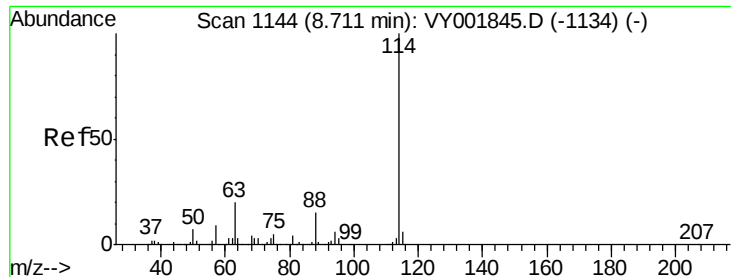
Tot Ion: 84 Resp: 8514
Ion Ratio Lower Upper
84 100
49 121.2 98.2 147.2
51 41.1 30.2 45.2
86 63.7 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 58.641 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.02 min
Lab File: VY001925.D
Acq: 10 Mar 2020 16:26

Tgt Ion: 65 Resp: 90002
Ion Ratio Lower Upper
65 100
67 55.5 0.0 110.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY001925.D

Acq: 10 Mar 2020 16:26

Instrument :

MSVOA_Y

ClientSampleId :

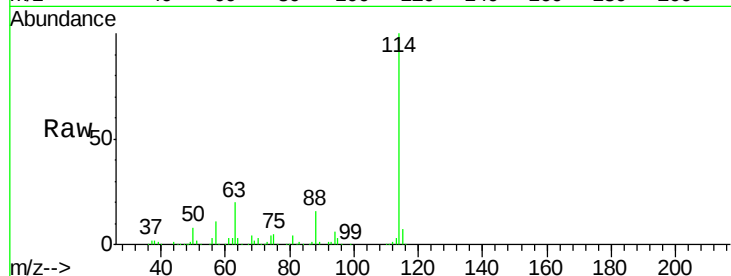
Tot Ion:114 Resp: 282439

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.4

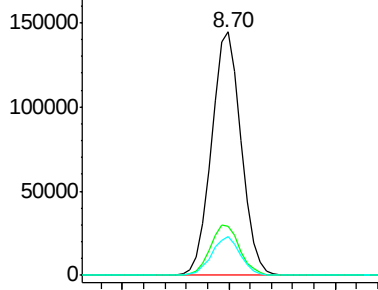
88 15.8 0.0 30.4



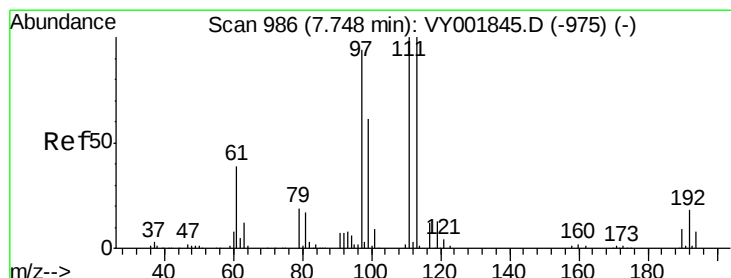
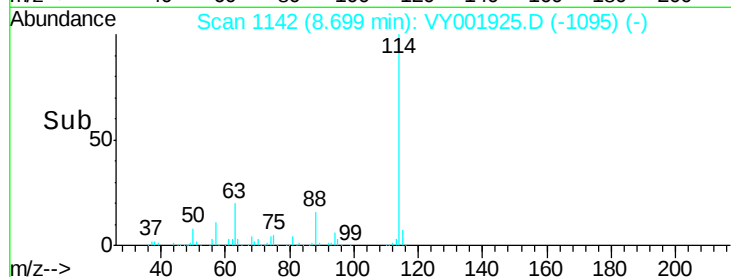
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



Time-->



#35

Dibromofluoromethane

Concen: 53.392 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY001925.D

Acq: 10 Mar 2020 16:26

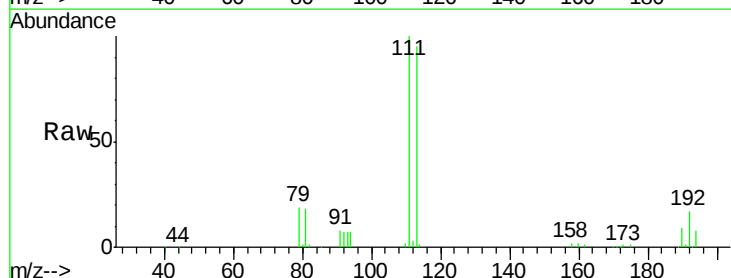
Tgt Ion:113 Resp: 82343

Ion Ratio Lower Upper

113 100

111 103.8 81.8 122.8

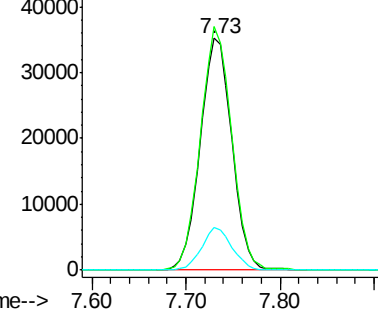
192 17.5 14.2 21.2



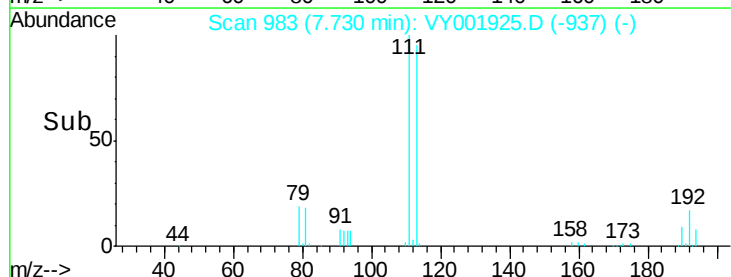
Abundance Ion 112.80 (112.50 to 113.50): V

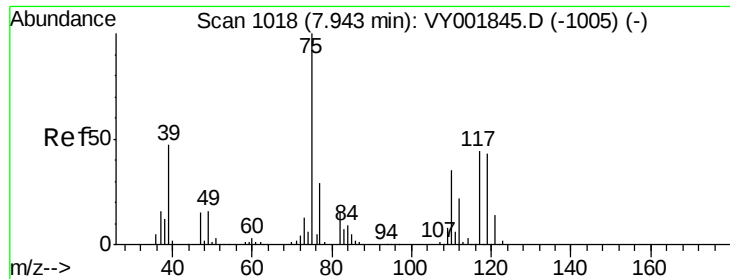
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->

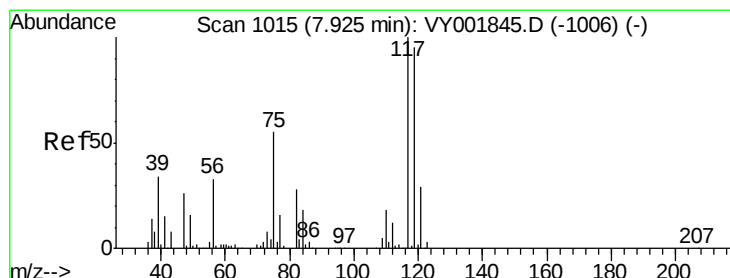
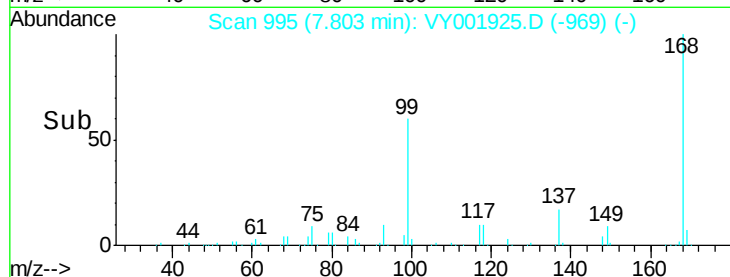
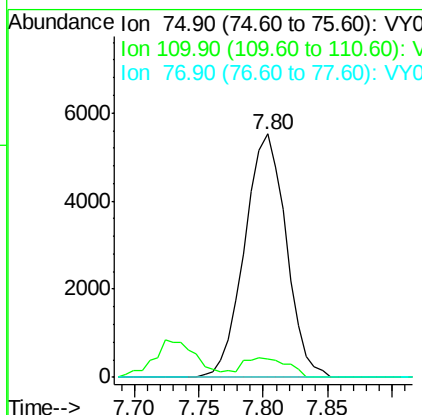
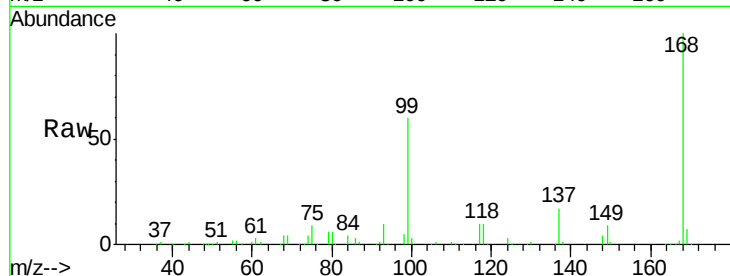




#36
 1,1-Dichloropropene
 Concen: 4.539 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.14 min
 Lab File: VY001925.D
 Acq: 10 Mar 2020 16:26

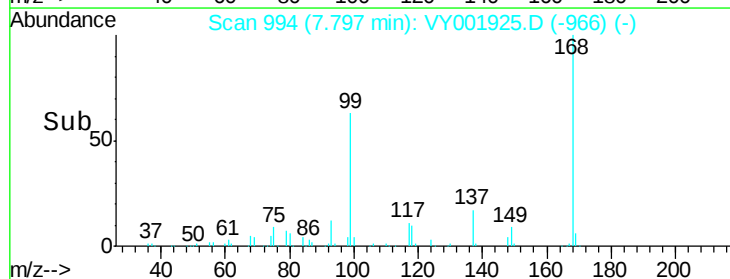
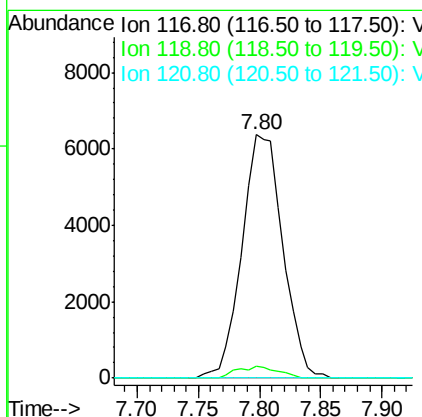
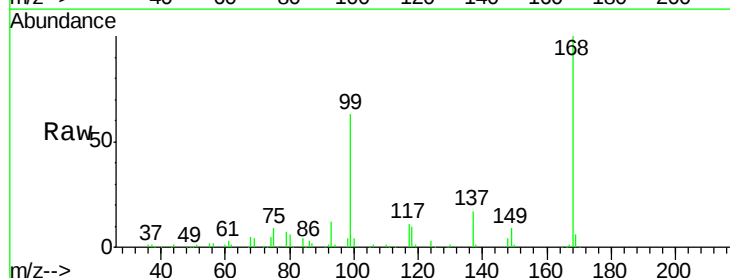
Instrument :
 MSVOA_Y
 ClientSampleId :

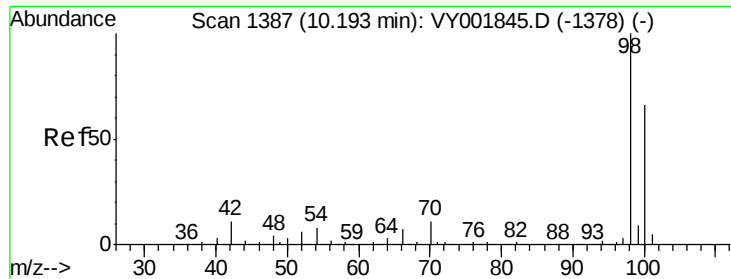
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.4	52.2#
77	0.0	24.2	36.2#



#38
 Carbon Tetrachloride
 Concen: 6.381 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY001925.D
 Acq: 10 Mar 2020 16:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.3	114.5#
121	0.0	23.5	35.3#





#50

Toluene-d8

Concen: 52.467 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY001925.D

Acq: 10 Mar 2020 16:26

Instrument :

MSVOA_Y

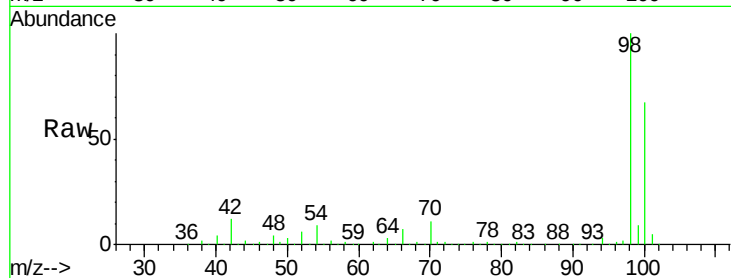
ClientSampled :

Tot Ion: 98 Resp: 341212

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.18

200000

150000

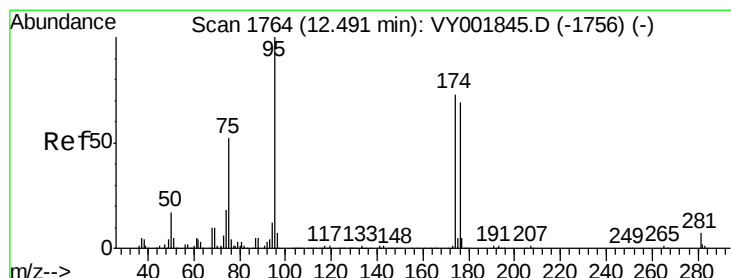
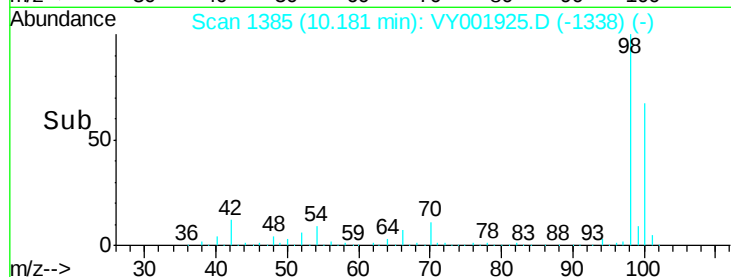
100000

50000

0

Time-->

10.10 10.20



#62

4-Bromofluorobenzene

Concen: 51.306 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY001925.D

Acq: 10 Mar 2020 16:26

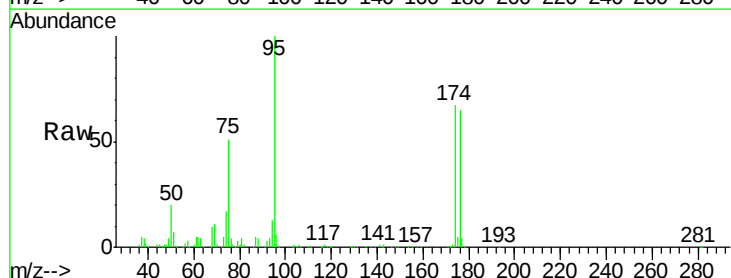
Tgt Ion: 95 Resp: 116019

Ion Ratio Lower Upper

95 100

174 72.7 0.0 145.0

176 70.2 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

100000

80000

60000

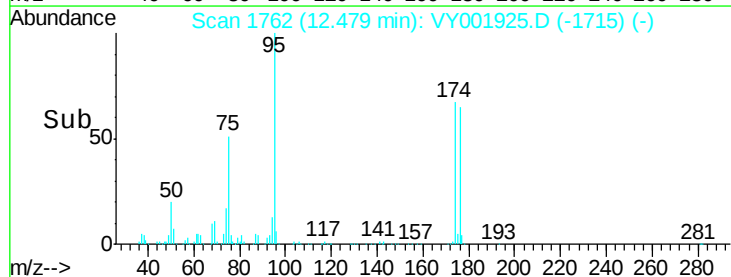
40000

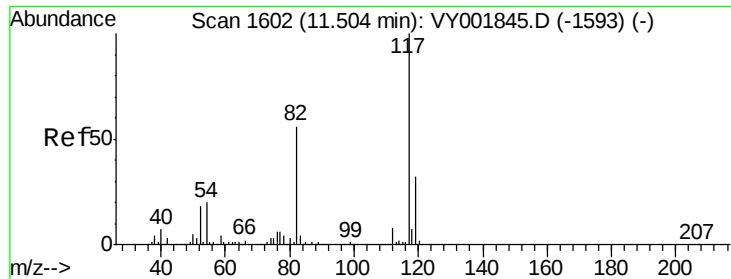
20000

0

Time-->

12.40 12.45 12.50 12.55

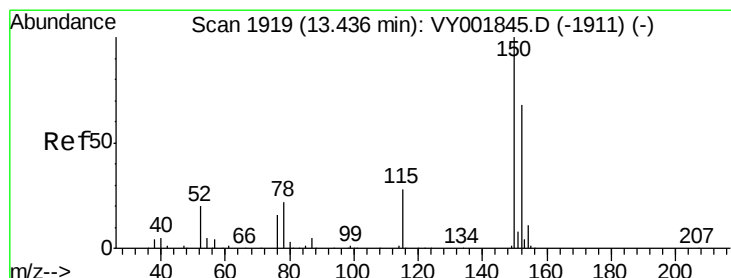
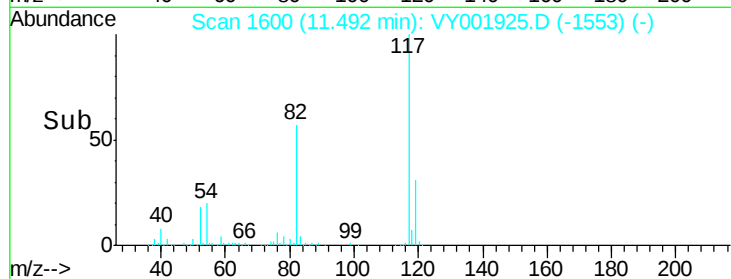
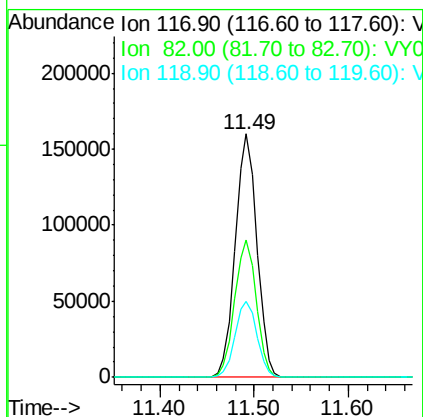
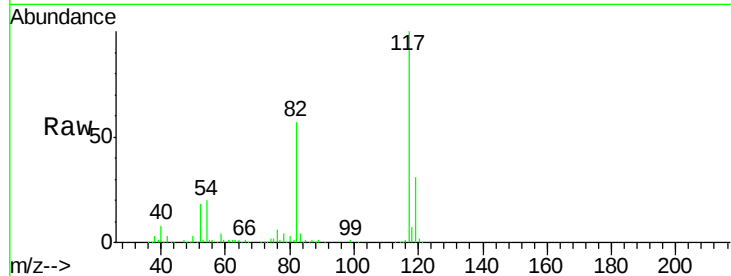




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001925.D
Acq: 10 Mar 2020 16:26

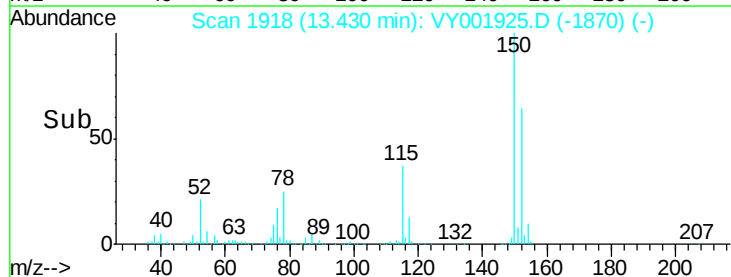
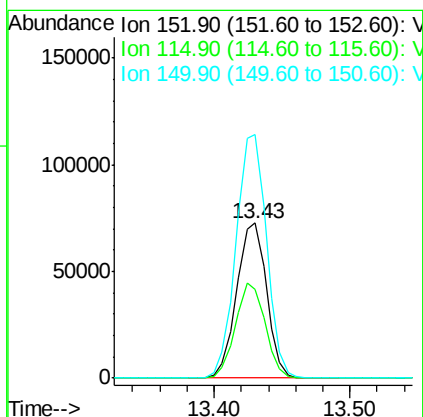
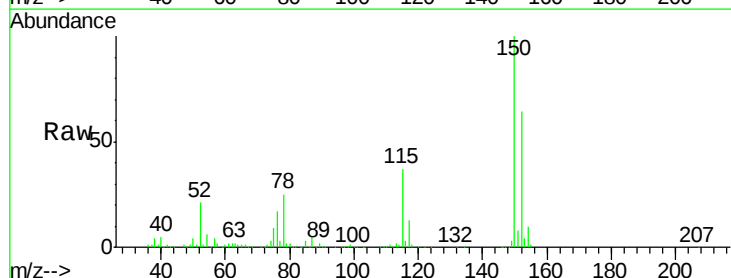
Instrument :
MSVOA_Y
ClientSampleId :

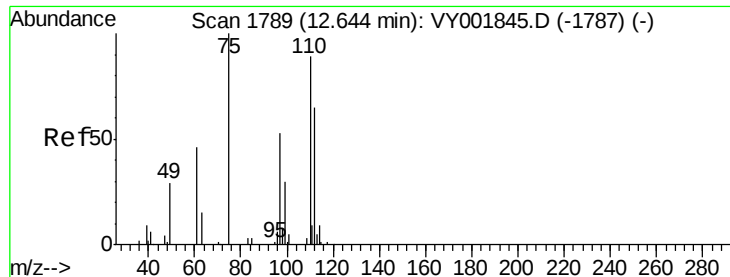
Tot Ion:117 Resp: 254747
Ion Ratio Lower Upper
117 100
82 56.6 44.5 66.7
119 31.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001925.D
Acq: 10 Mar 2020 16:26

Tgt Ion:152 Resp: 111444
Ion Ratio Lower Upper
152 100
115 61.0 29.9 89.7
150 160.3 0.0 340.6





#76

1,2,3-Trichloropropane

Concen: 44.389 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY001925.D

Acq: 10 Mar 2020 16:26

Instrument :

MSVOA_Y

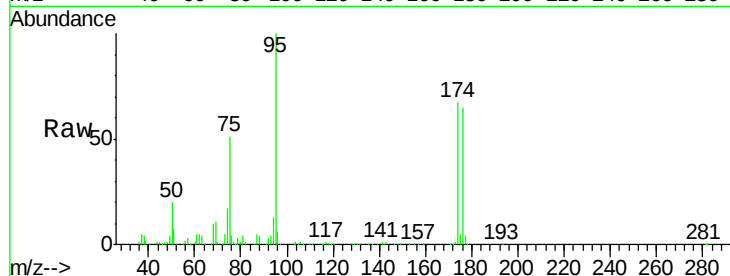
ClientSampleId :

Tot Ion: 75 Resp: 58698

Ion Ratio Lower Upper

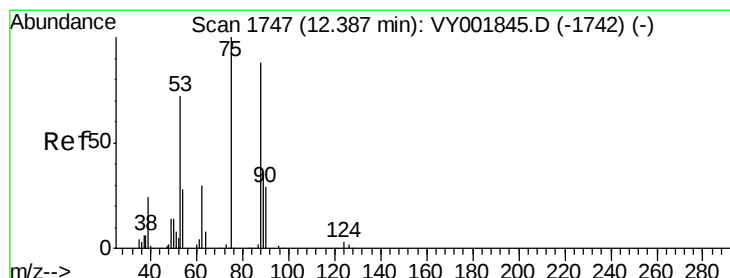
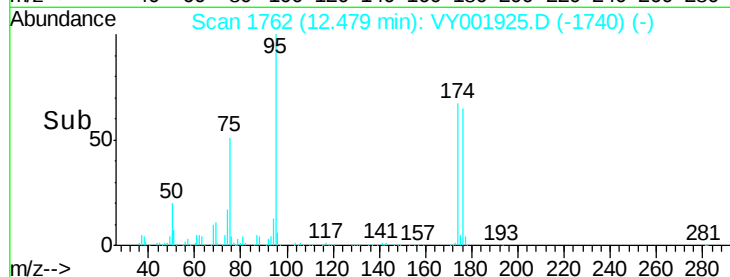
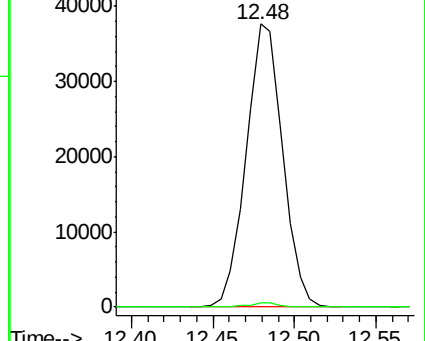
75 100

77 1.4 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: 89.663 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.09 min

Lab File: VY001925.D

Acq: 10 Mar 2020 16:26

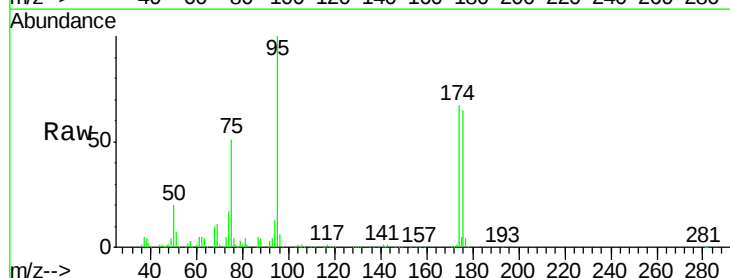
Tgt Ion: 75 Resp: 58698

Ion Ratio Lower Upper

75 100

53 0.0 65.4 98.0#

89 0.0 36.0 54.0#



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

