

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002859.D
 Acq On : 05 Jun 2020 19:47
 Operator : SY/MD
 Sample : L2941-01
 Misc : 5.3G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBF-TS-001

Quant Time: Jun 06 08:00:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

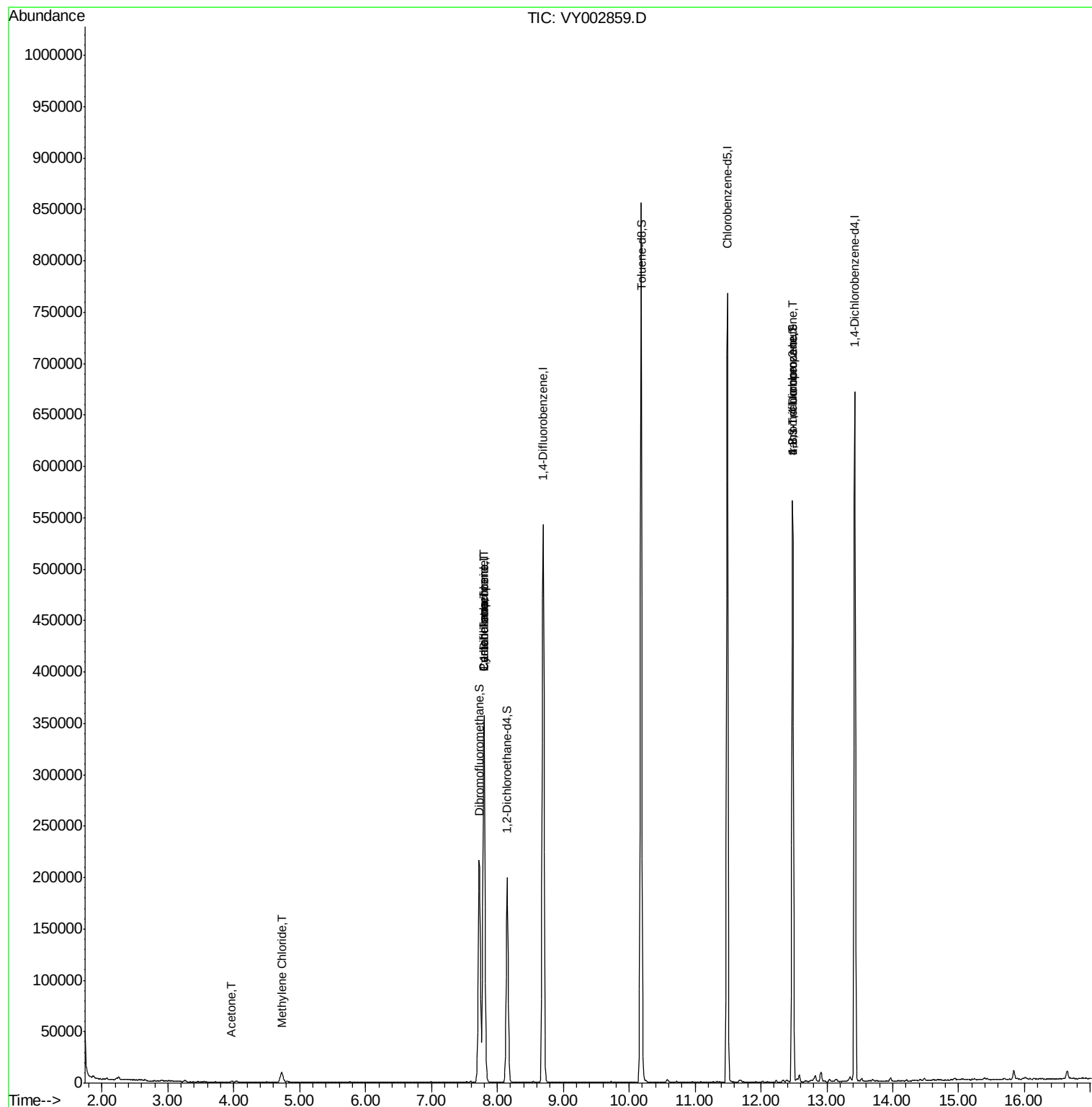
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	305913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	501869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	443341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	181170	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	152226	57.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.62%	
35) Dibromofluoromethane	7.72	113	155336	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
50) Toluene-d8	10.18	98	577377	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
62) 4-Bromofluorobenzene	12.48	95	178310	43.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.74%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	1010	1.622	ug/l #	87
18) Methyl Acetate	4.50	43	754	Below Cal	#	70
20) Methylene Chloride	4.73	84	8040	2.641	ug/l	91
31) Cyclohexane	7.79	56	4630	1.028	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	18956	4.484	ug/l #	49
38) Carbon Tetrachloride	7.80	117	27417	5.838	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	85414	52.322	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	85414	98.575	ug/l #	17

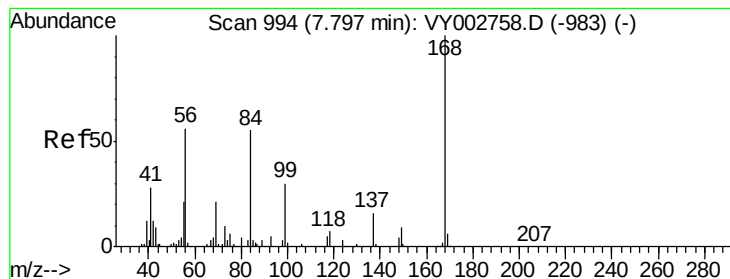
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002859.D

Acq: 05 Jun 2020 19:47

Instrument :

MSVOA_Y

ClientSampleId :

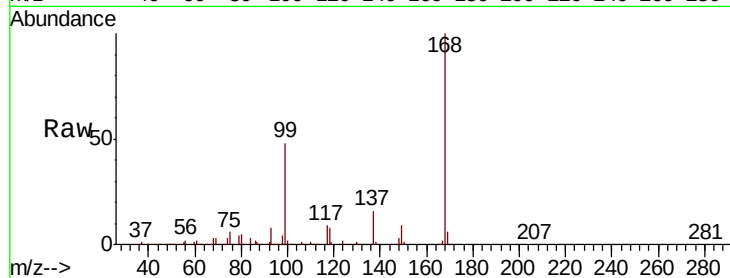
RBF-TS-001

Tot Ion:168 Resp: 305913

Ion Ratio Lower Upper

168 100

99 48.0 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

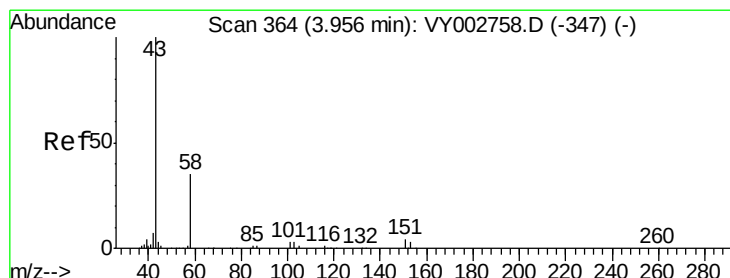
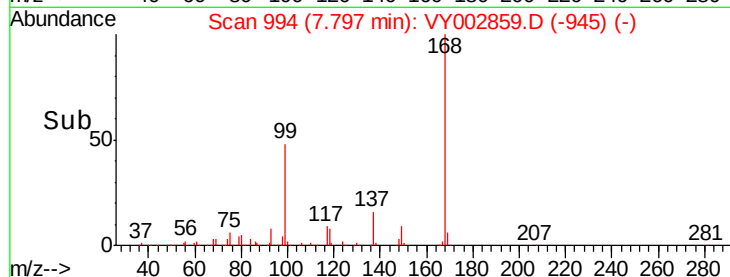
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.622 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002859.D

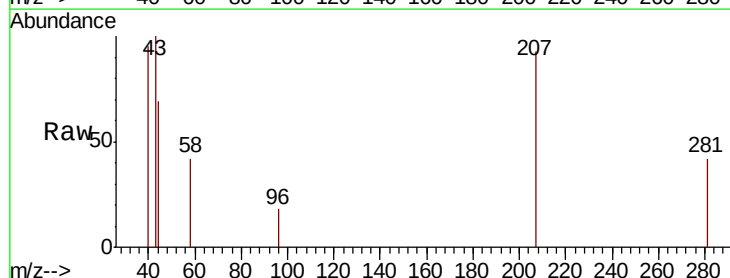
Acq: 05 Jun 2020 19:47

Tgt Ion: 43 Resp: 1010

Ion Ratio Lower Upper

43 100

58 42.1 27.7 41.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002758.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002758.D (-347) (-)

3.97

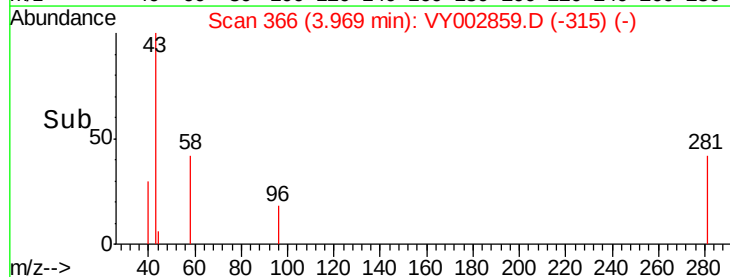
300

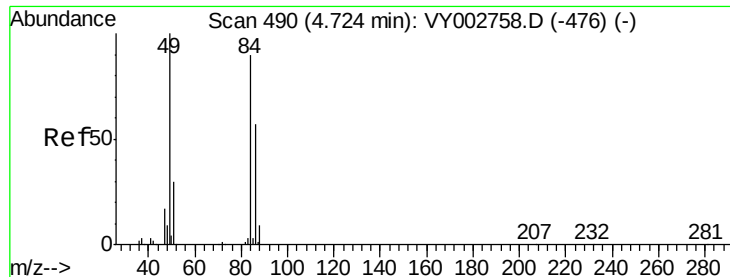
200

100

0

Time-->

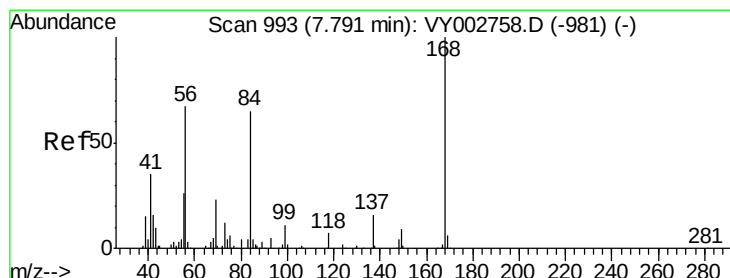
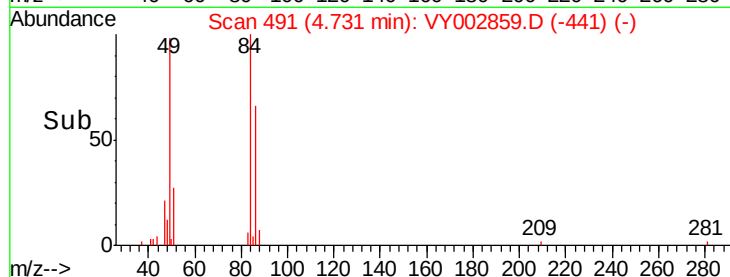
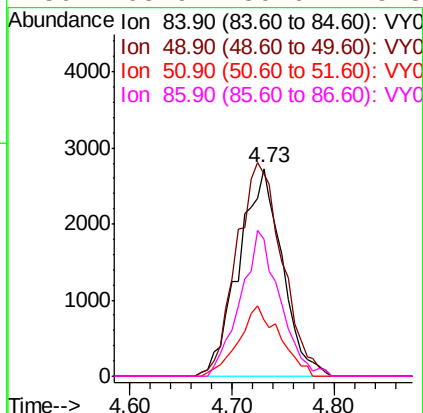
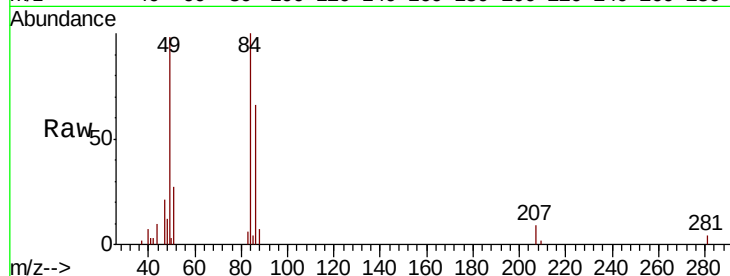




#20
Methylene Chloride
Concen: 2.641 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY002859.D
Acq: 05 Jun 2020 19:47

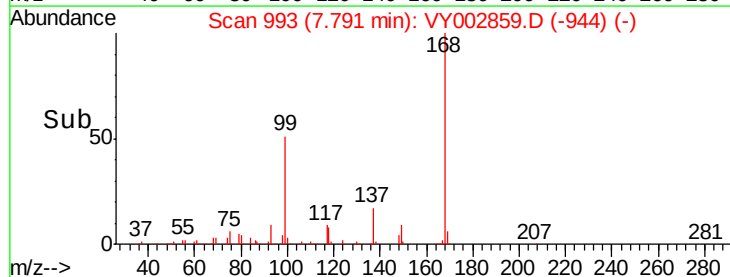
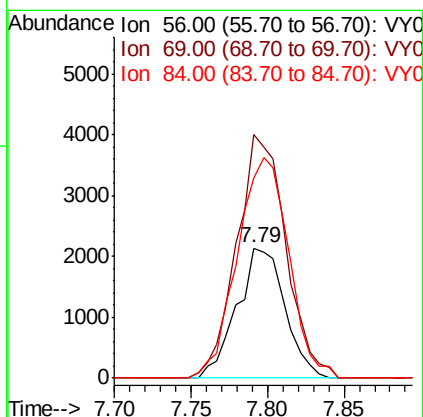
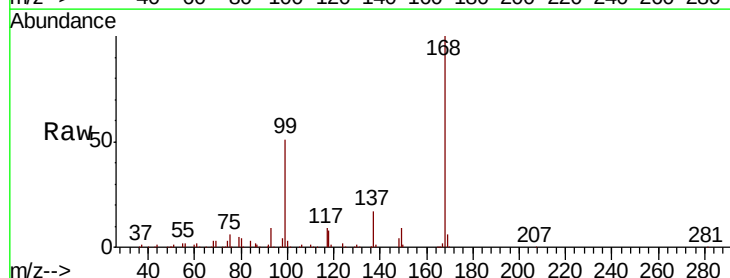
Instrument :
MSVOA_Y
ClientSampleId :
RBF-TS-001

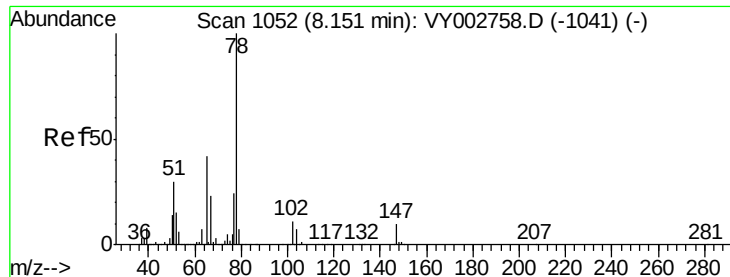
Tot Ion:	84	Resp:	8040
Ion	Ratio	Lower	Upper
84	100		
49	97.7	88.5	132.7
51	27.1	26.8	40.2
86	65.9	50.6	75.8



#31
Cyclohexane
Concen: 1.028 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY002859.D
Acq: 05 Jun 2020 19:47

Tgt Ion:	56	Resp:	4630
Ion	Ratio	Lower	Upper
56	100		
69	187.7	28.0	42.0#
84	154.3	77.7	116.5#

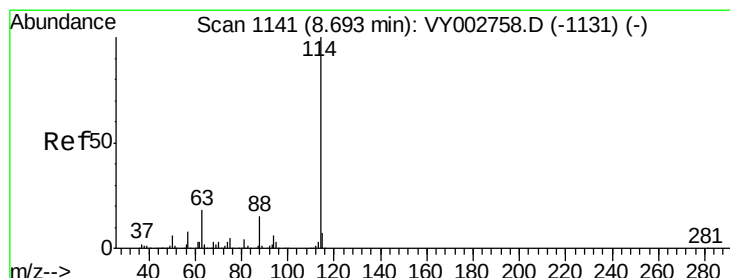
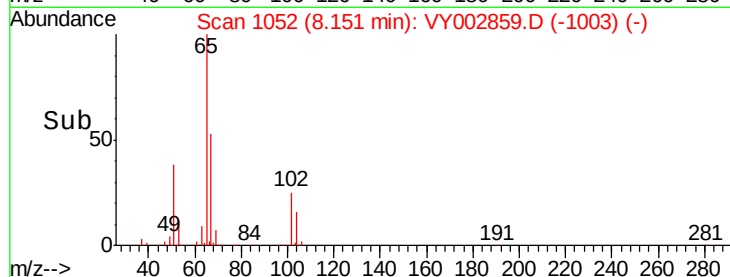
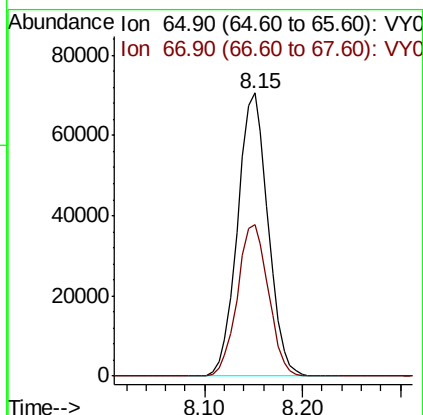
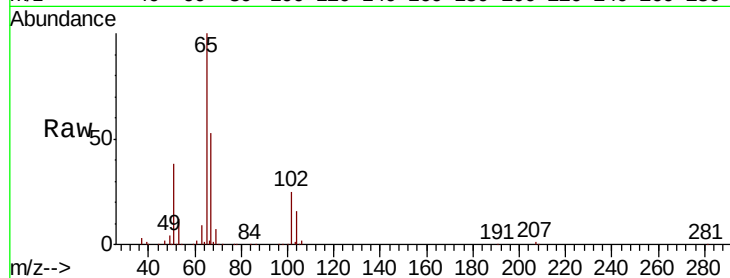




#33
 1,2-Dichloroethane-d4
 Concen: 57.310 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002859.D
 Acq: 05 Jun 2020 19:47

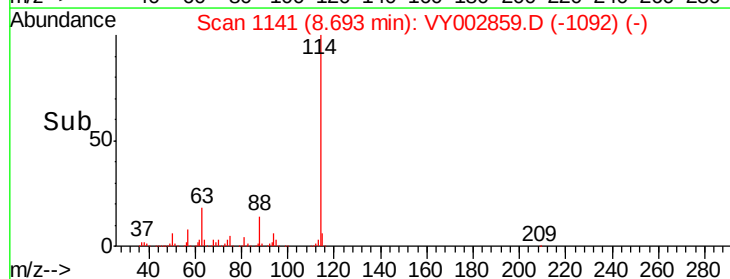
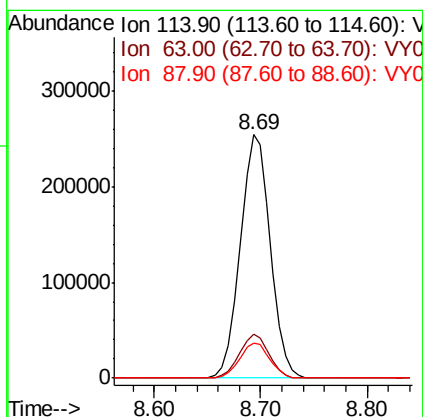
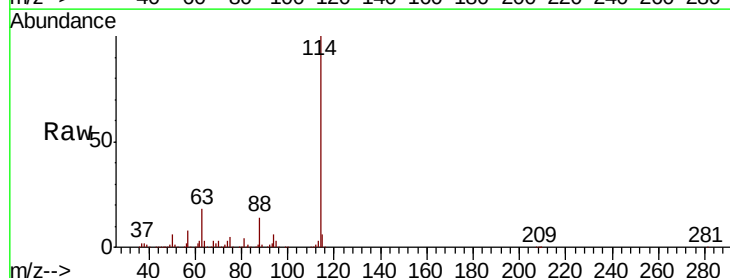
Instrument :
 MSVOA_Y
 ClientSampleId :
 RBF-TS-001

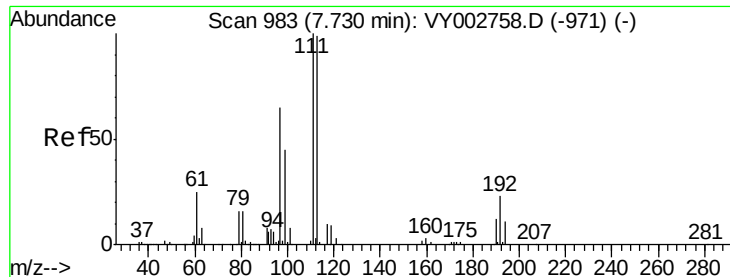
Tot Ion: 65 Resp: 152226
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002859.D
 Acq: 05 Jun 2020 19:47

Tgt Ion: 114 Resp: 501869
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.2
 88 14.3 0.0 29.2

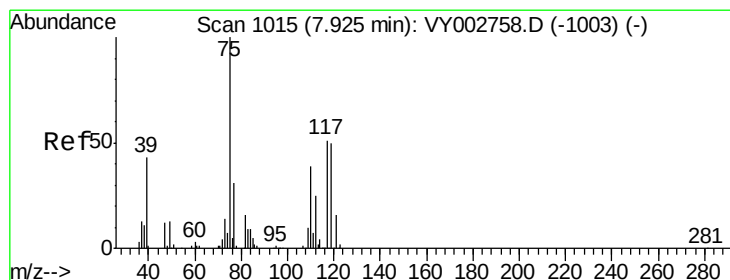
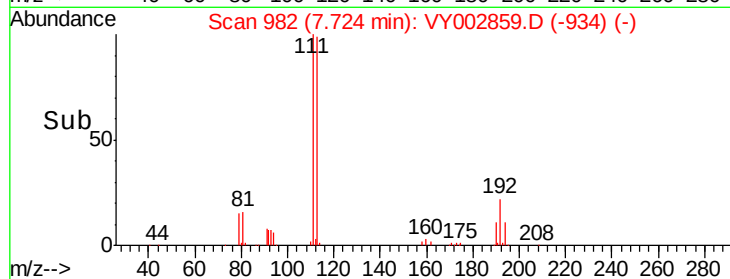
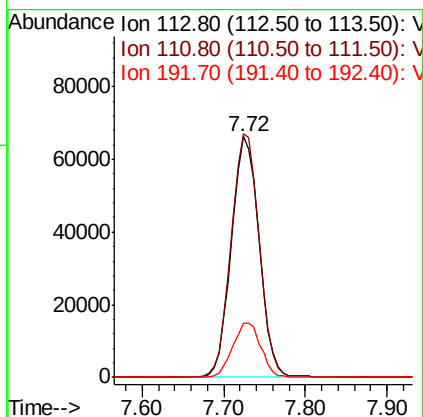
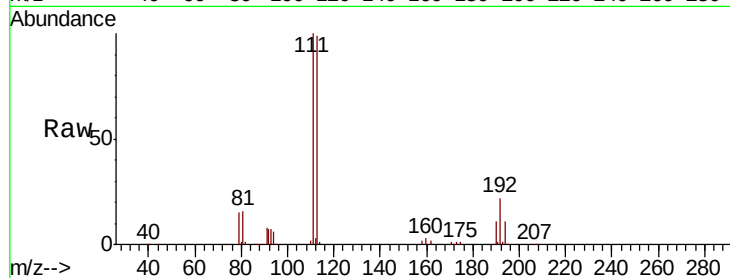




#35
 Dibromofluoromethane
 Concen: 52.814 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002859.D
 Acq: 05 Jun 2020 19:47

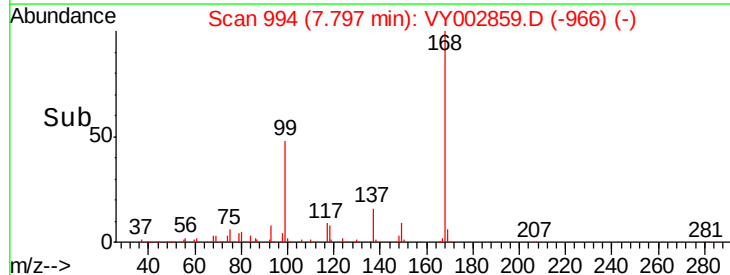
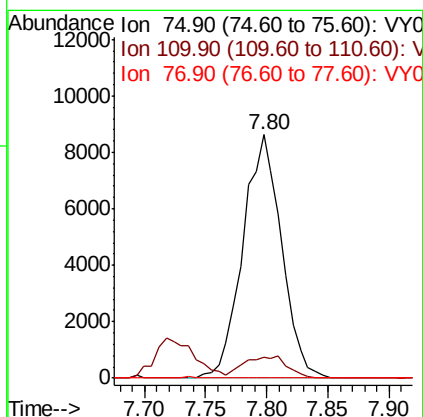
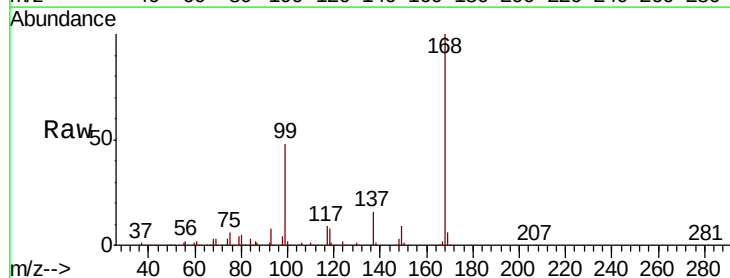
Instrument :
 MSVOA_Y
 ClientSampleId :
 RBF-TS-001

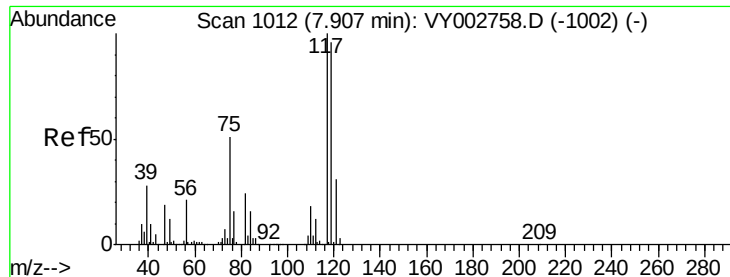
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	22.8	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 4.484 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002859.D
 Acq: 05 Jun 2020 19:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	19.3	57.9#
77	0.0	24.8	37.2#

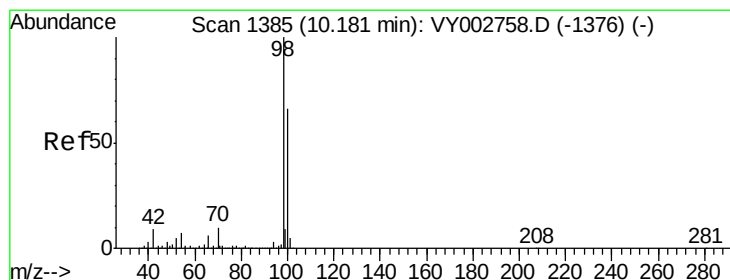
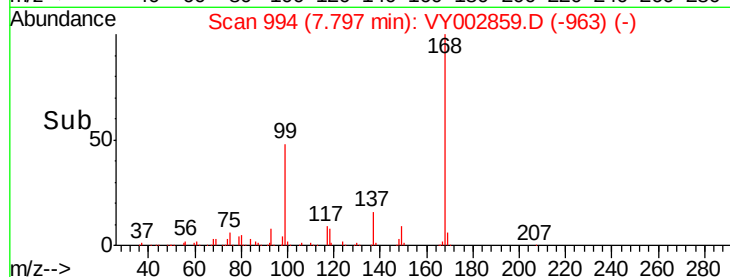
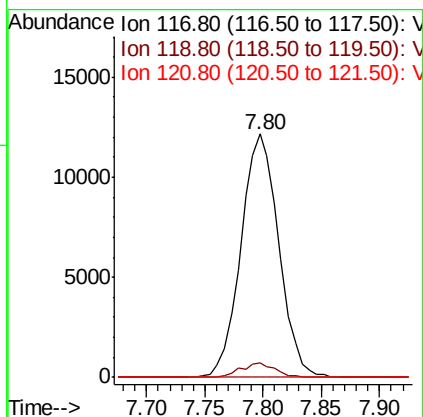
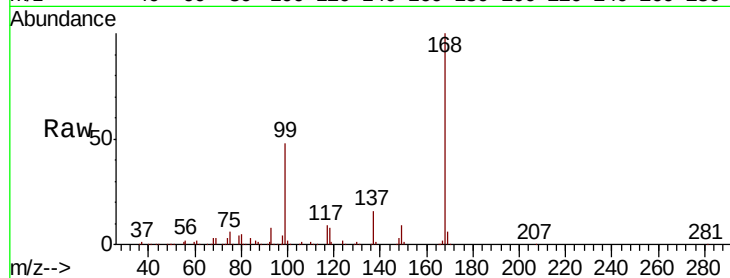




#38
Carbon Tetrachloride
Concen: 5.838 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY002859.D
Acq: 05 Jun 2020 19:47

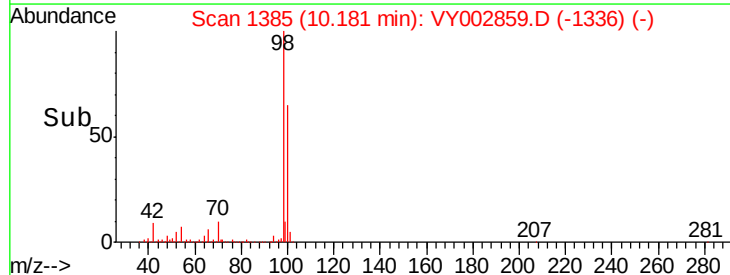
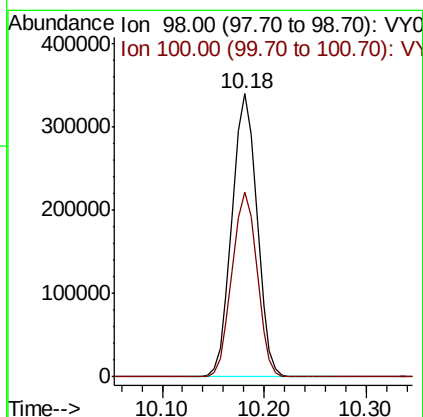
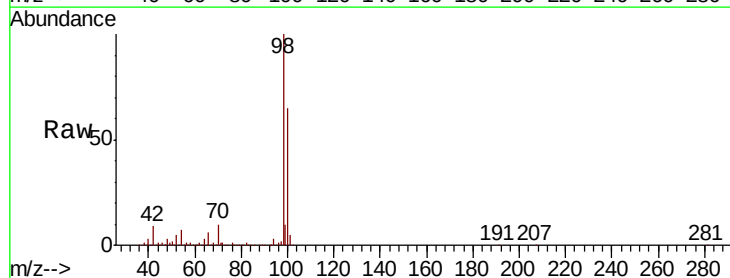
Instrument :
MSVOA_Y
ClientSampleId :
RBF-TS-001

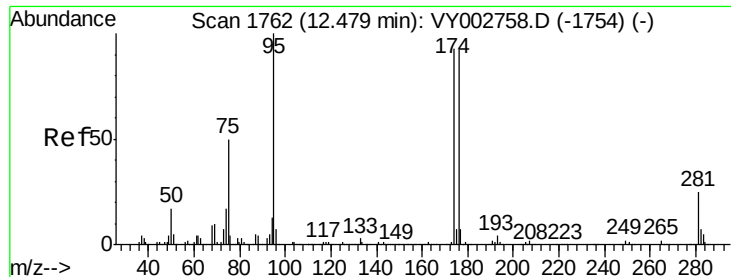
Tot Ion:117 Resp: 27417
Ion Ratio Lower Upper
117 100
119 5.8 76.8 115.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.551 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002859.D
Acq: 05 Jun 2020 19:47

Tgt Ion: 98 Resp: 577377
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 43.874 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002859.D

Acq: 05 Jun 2020 19:47

Instrument :

MSVOA_Y

ClientSampleId :

RBF-TS-001

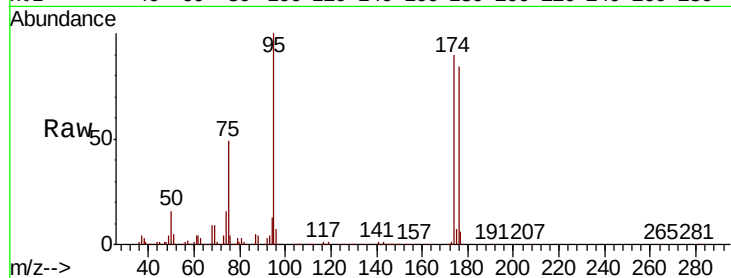
Tot Ion: 95 Resp: 178310

Ion Ratio Lower Upper

95 100

174 93.0 0.0 191.2

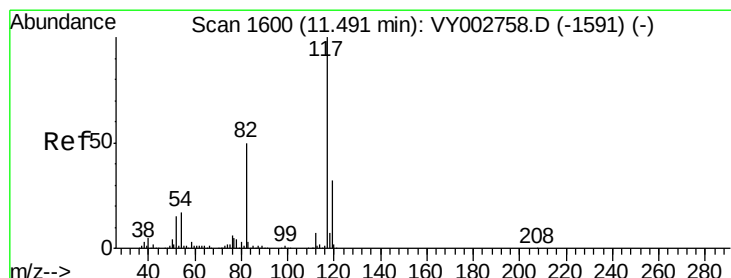
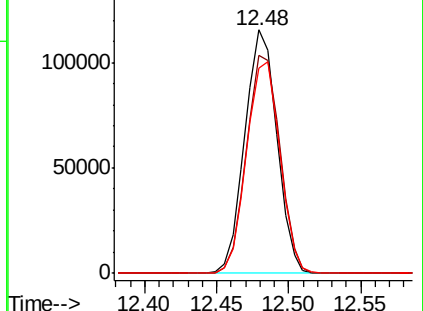
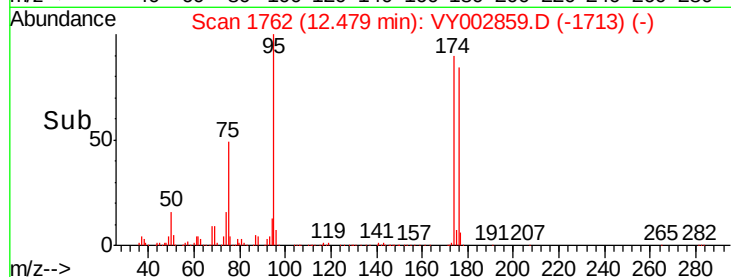
176 89.9 0.0 188.8



Abundance Ion 94.90 (94.60 to 95.60): VY002859.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY002859.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY002859.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY002859.D

Acq: 05 Jun 2020 19:47

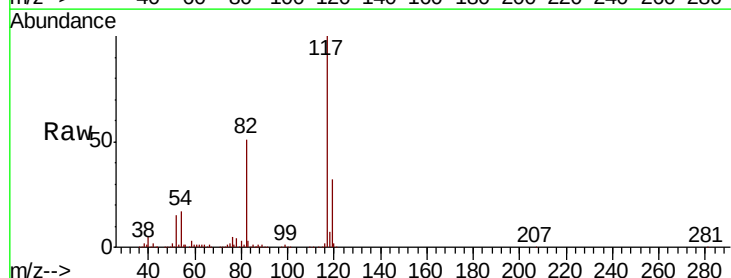
Tgt Ion: 117 Resp: 443341

Ion Ratio Lower Upper

117 100

82 51.3 40.2 60.4

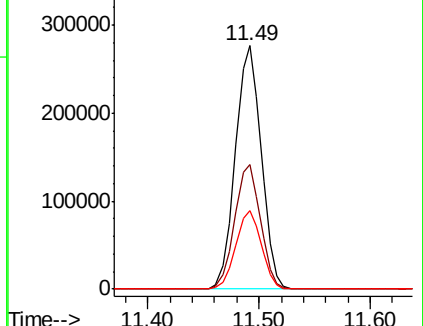
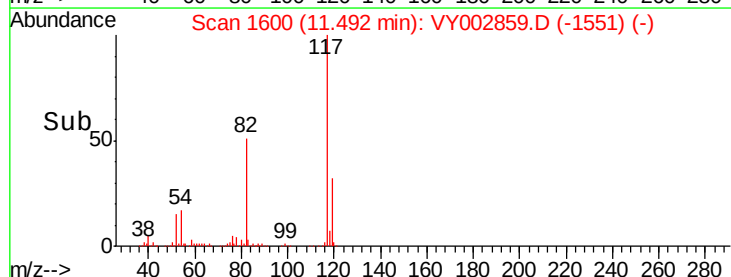
119 32.3 25.8 38.8

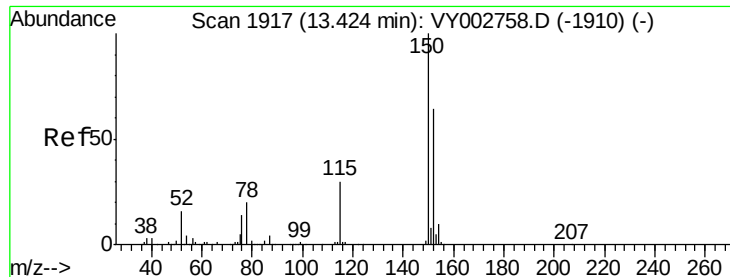


Abundance Ion 116.90 (116.60 to 117.60): VY002859.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY002859.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY002859.D (-1551) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002859.D

Acq: 05 Jun 2020 19:47

Instrument :

MSVOA_Y

ClientSampleId :

RBF-TS-001

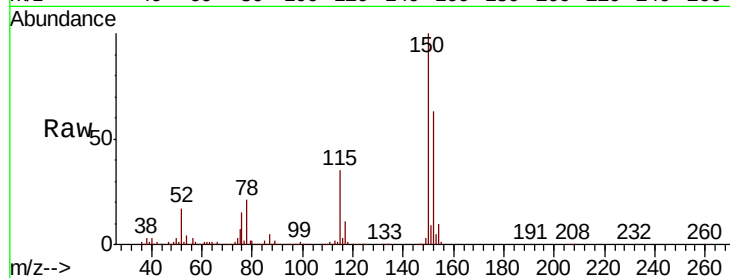
Tot Ion:152 Resp: 181170

Ion Ratio Lower Upper

152 100

115 54.3 27.0 81.0

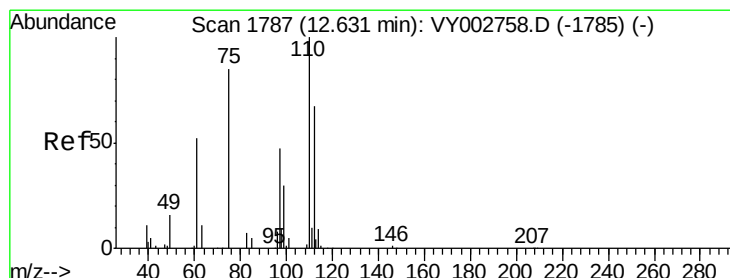
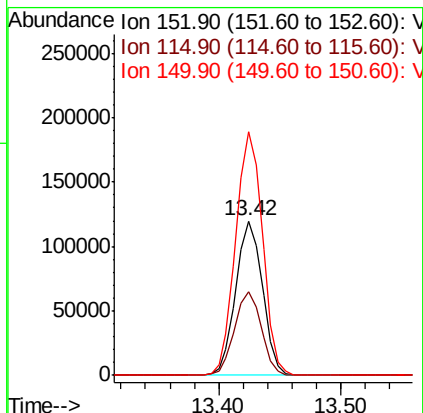
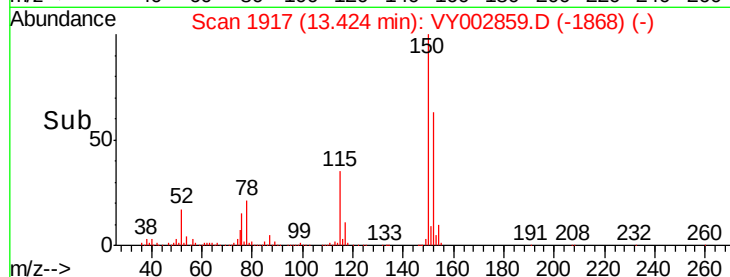
150 158.2 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 52.322 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002859.D

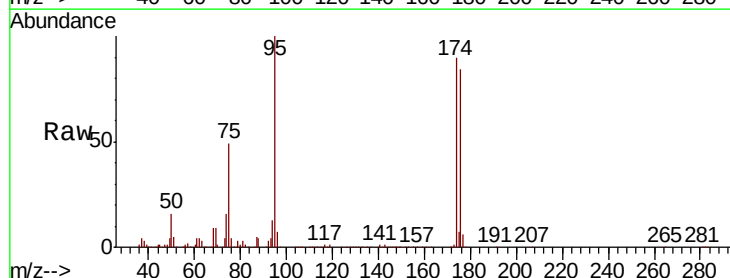
Acq: 05 Jun 2020 19:47

Tgt Ion: 75 Resp: 85414

Ion Ratio Lower Upper

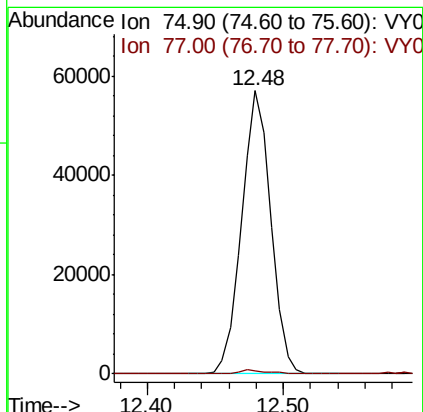
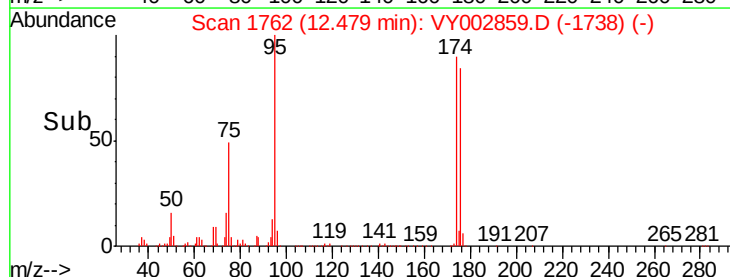
75 100

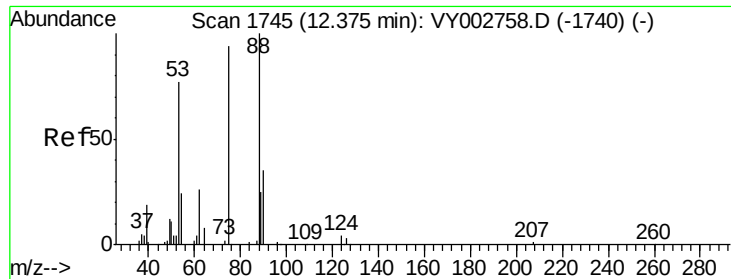
77 1.4 0.0 0.0#



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: 98.575 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002859.D

Acq: 05 Jun 2020 19:47

Instrument :

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ClientSampleId :

RBF-TS-001

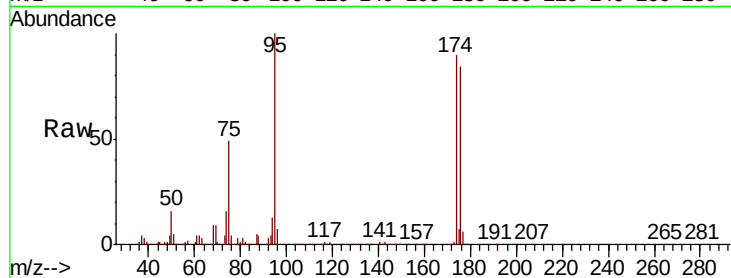
Tot Ion: 75 Resp: 85414

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.1 37.4 56.2#



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

