

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030420\
 Data File : VY001863.D
 Acq On : 04 Mar 2020 18:49
 Operator : SY/MD
 Sample : L1778-12
 Misc : 8.19G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S4

Quant Time: Mar 05 04:11:49 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

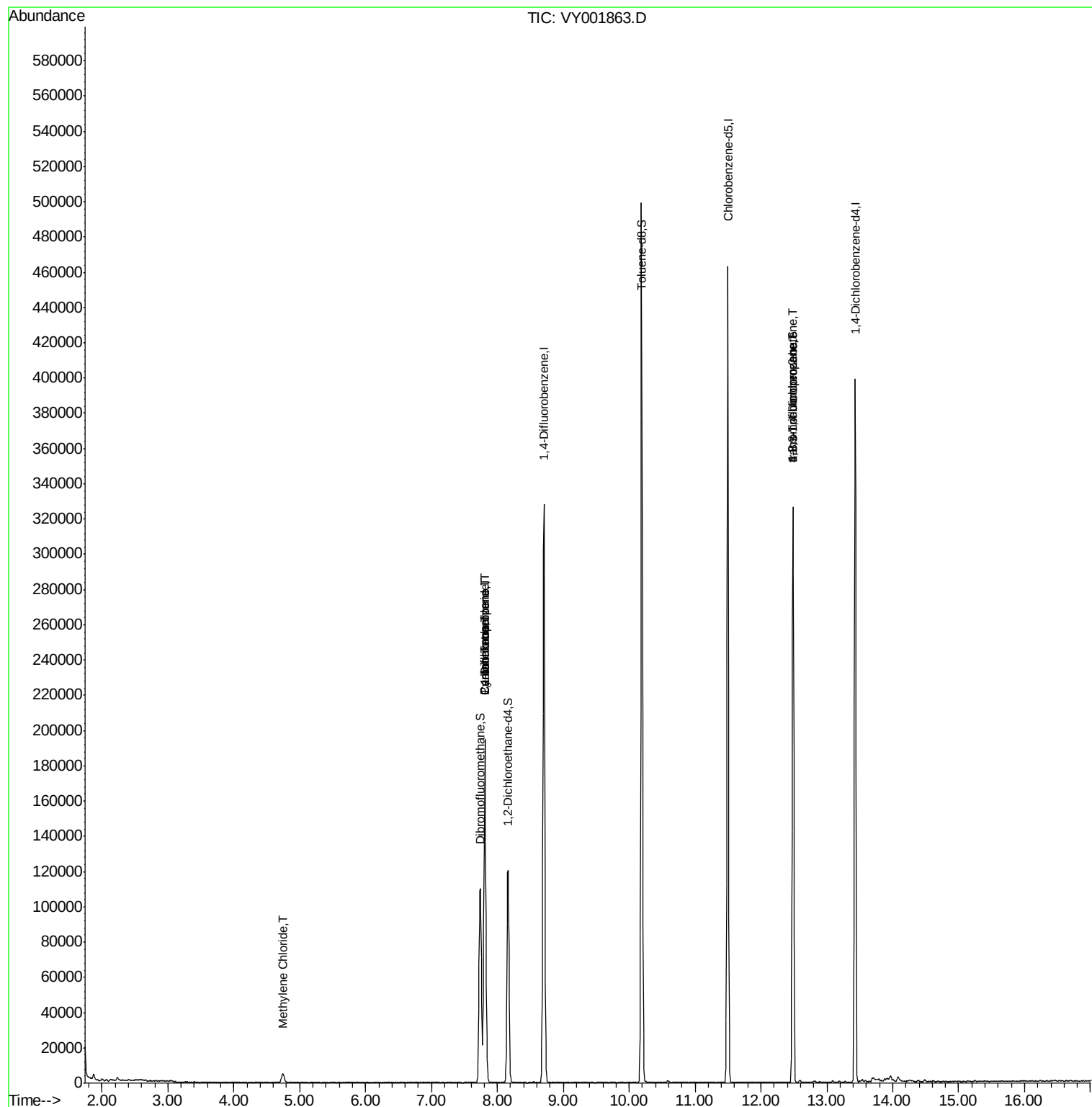
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	143516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	275716	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	242339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	95532	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	89391	58.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.68%	
35) Dibromofluoromethane	7.74	113	79755	52.97	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.94%	
50) Toluene-d8	10.19	98	329193	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.49	95	106593	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
Target Compounds						
5) Bromomethane	2.67	94	19	Below Cal	#	4
20) Methylene Chloride	4.74	84	3848	2.012	ug/l	97
31) Cyclohexane	7.81	56	3516	1.044	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	12612	4.753	ug/l #	50
38) Carbon Tetrachloride	7.81	117	14175	6.254	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	53780	47.444	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	53780	95.834	ug/l #	17

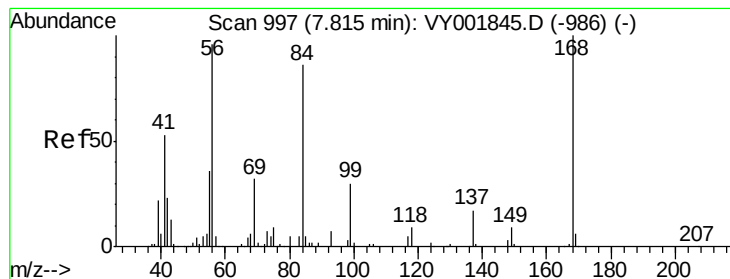
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001863.D

Acq: 04 Mar 2020 18:49

Instrument :

MSVOA_Y

ClientSampleId :

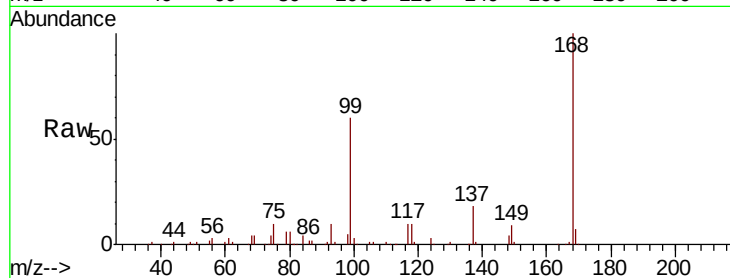
S4

Tot Ion:168 Resp: 143516

Ion Ratio Lower Upper

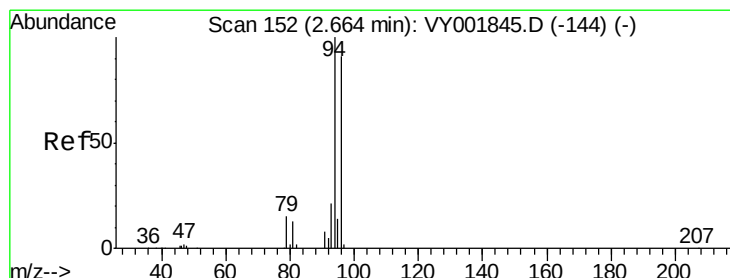
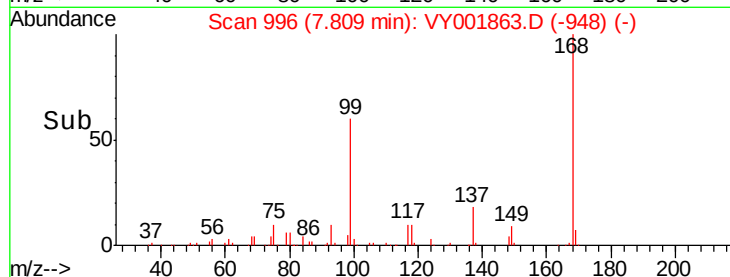
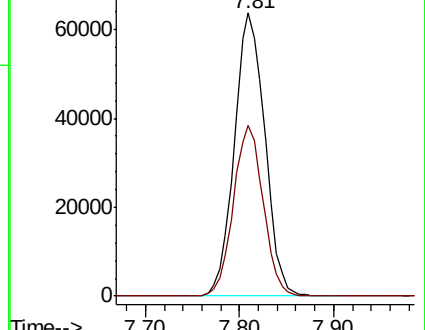
168 100

99 60.3 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) (-)



#5

Bromomethane

Concen: Below Cal

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY001863.D

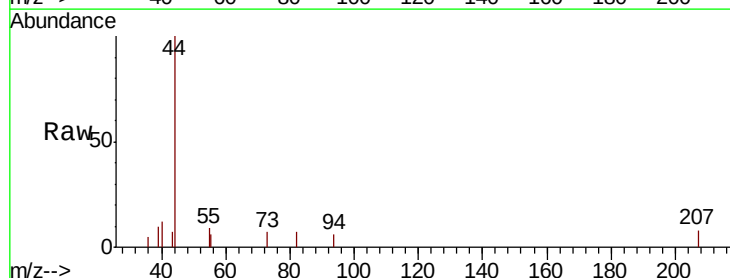
Acq: 04 Mar 2020 18:49

Tgt Ion: 94 Resp: 19

Ion Ratio Lower Upper

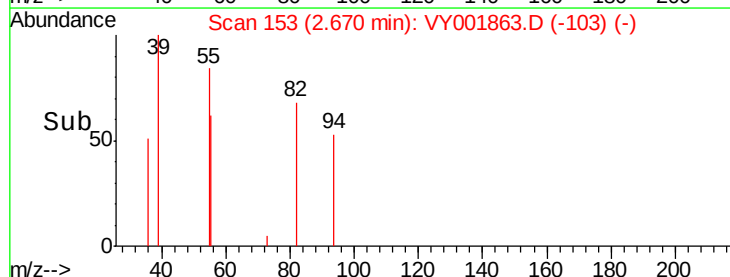
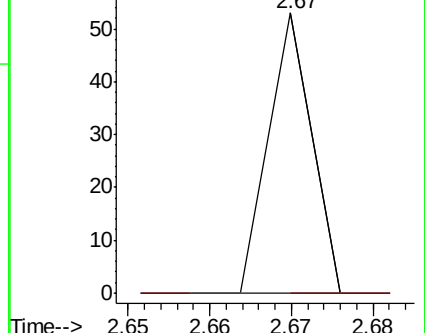
94 100

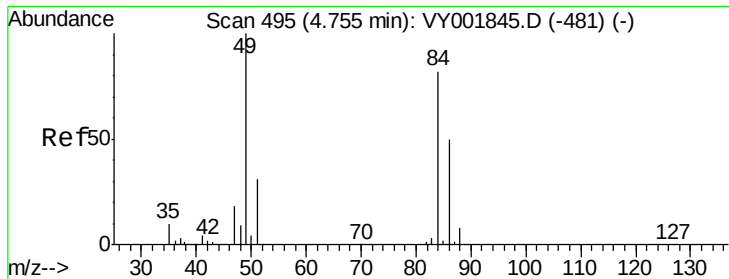
96 0.0 73.2 109.8#



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

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

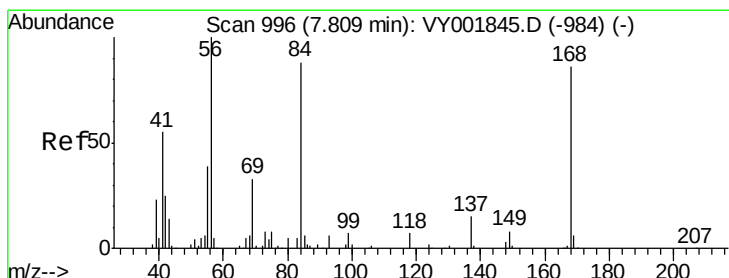
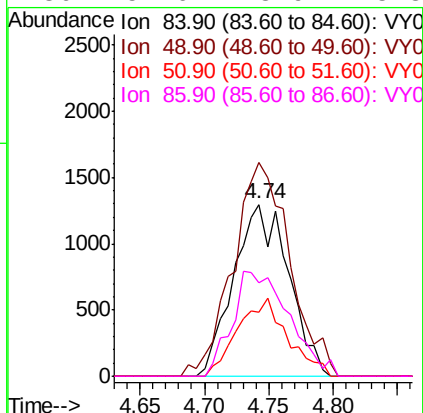
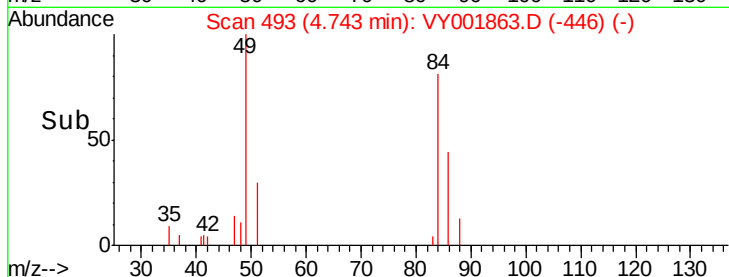
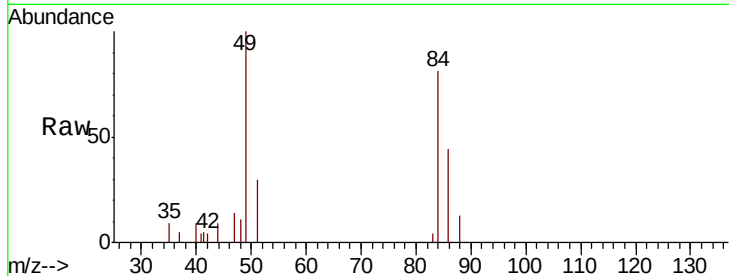




#20
Methylene Chloride
Concen: 2.012 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001863.D
Acq: 04 Mar 2020 18:49

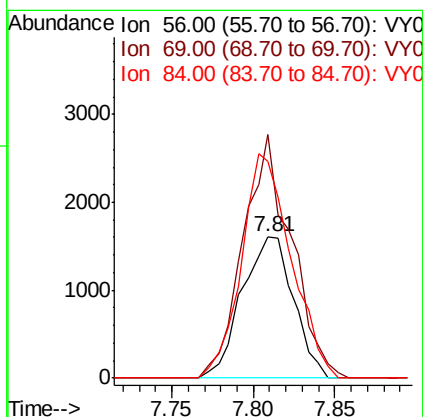
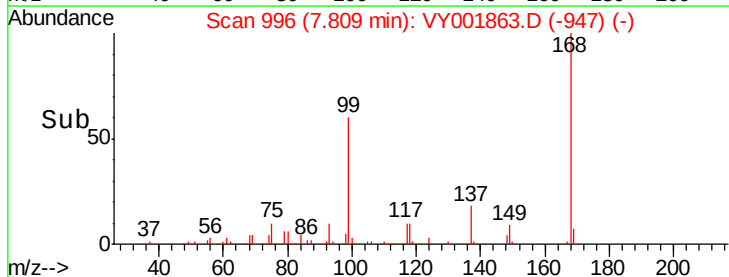
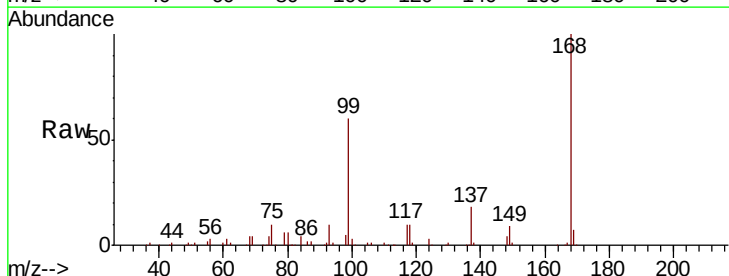
Instrument :
MSVOA_Y
ClientSampleId :
S4

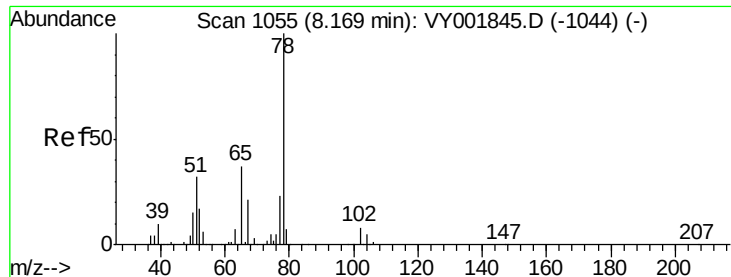
Tot Ion:	84	Resp:	3848
Ion	Ratio	Lower	Upper
84	100		
49	124.2	98.2	147.2
51	37.4	30.2	45.2
86	54.6	48.9	73.3



#31
Cyclohexane
Concen: 1.044 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.00 min
Lab File: VY001863.D
Acq: 04 Mar 2020 18:49

Tgt Ion:	56	Resp:	3516
Ion	Ratio	Lower	Upper
56	100		
69	172.2	26.7	40.1#
84	153.4	70.4	105.6#

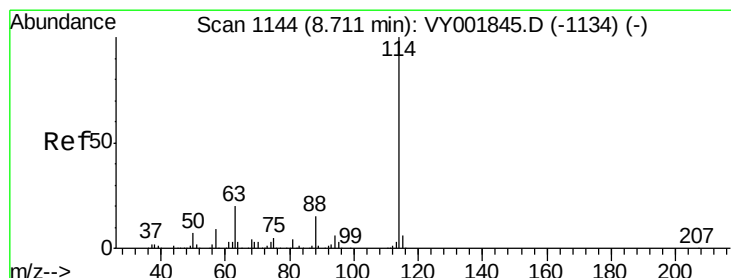
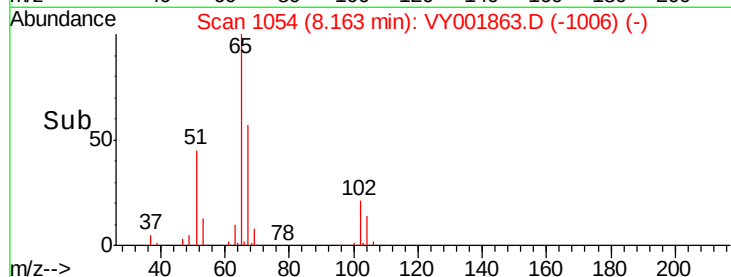
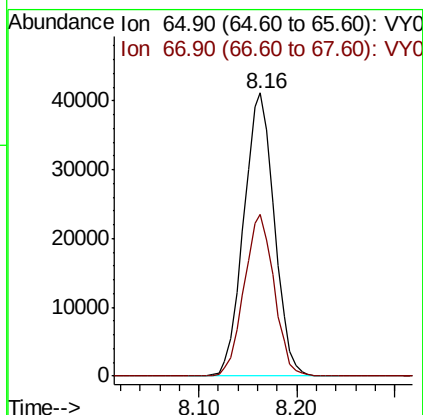
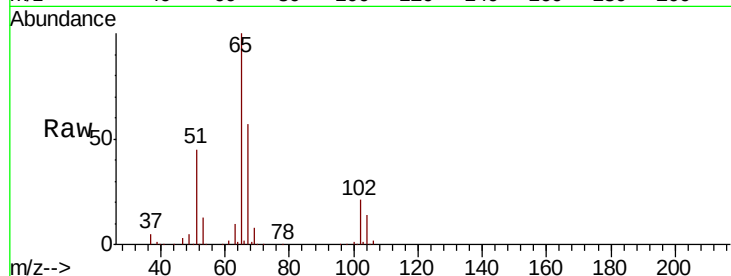




#33
 1,2-Dichloroethane-d4
 Concen: 58.344 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001863.D
 Acq: 04 Mar 2020 18:49

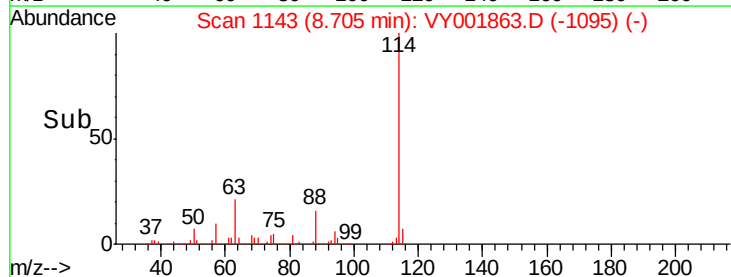
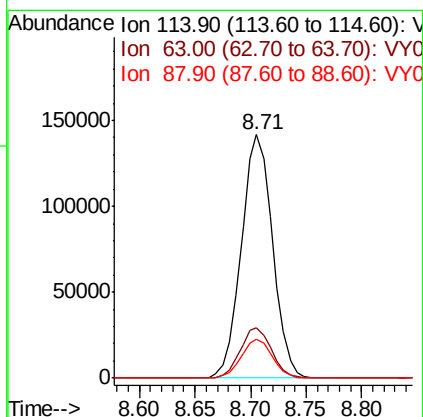
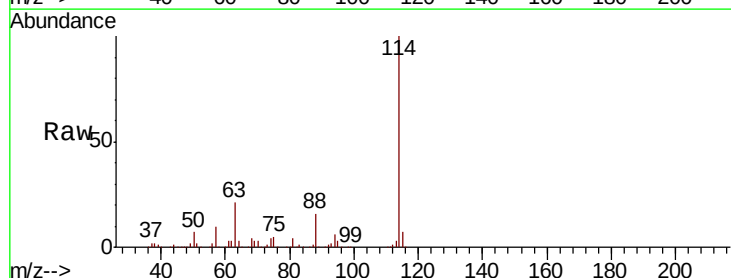
Instrument :
 MSVOA_Y
 ClientSampleId :
 S4

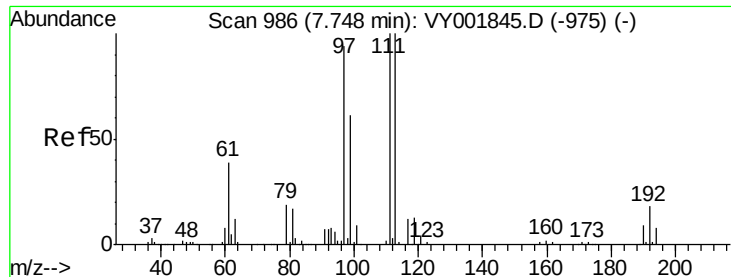
Tot Ion: 65 Resp: 89391
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001863.D
 Acq: 04 Mar 2020 18:49

Tgt Ion: 114 Resp: 275716
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.4
 88 15.8 0.0 30.4

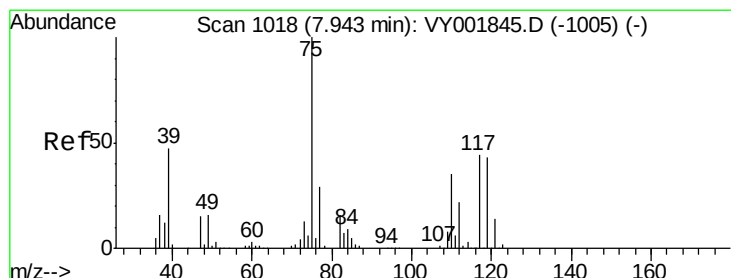
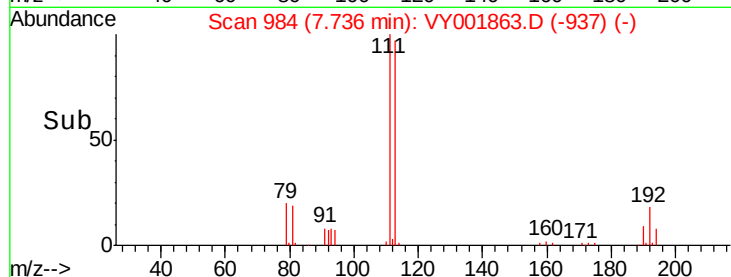
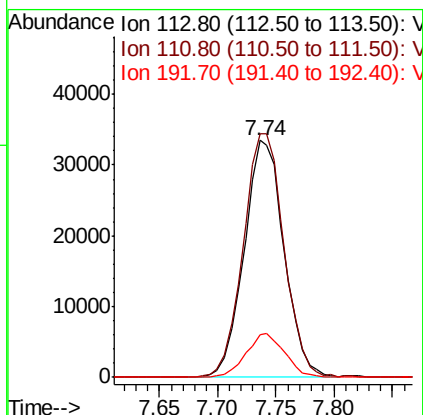
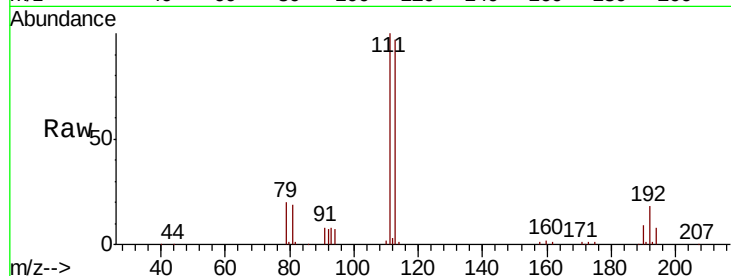




#35
 Dibromofluoromethane
 Concen: 52.975 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001863.D
 Acq: 04 Mar 2020 18:49

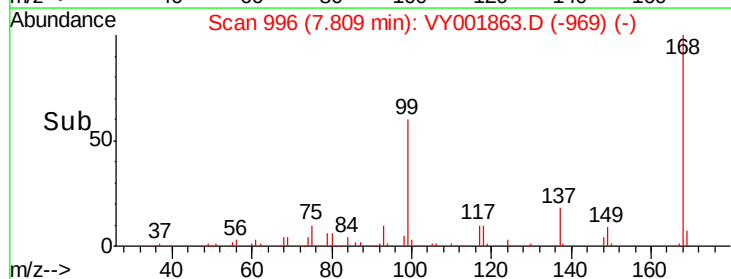
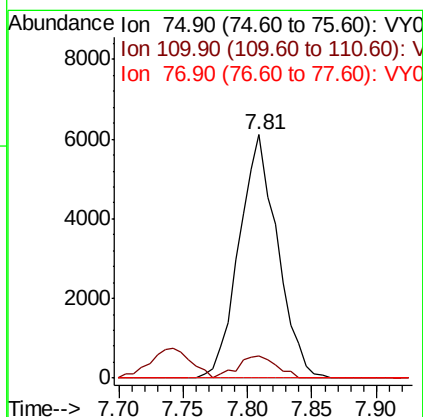
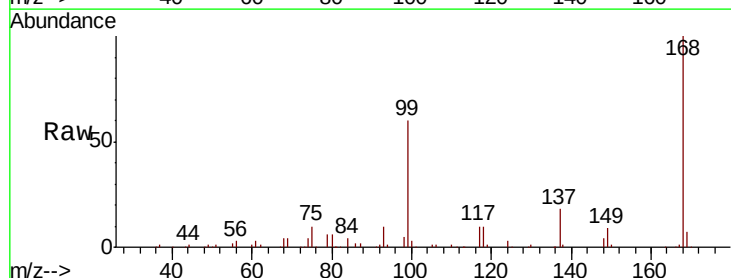
Instrument :
 MSVOA_Y
 ClientSampleId :
 S4

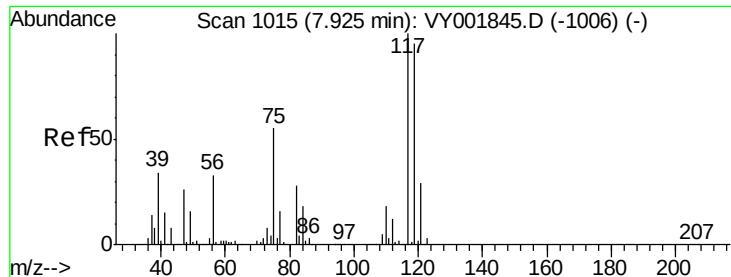
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.8	122.8
192	17.8	14.2	21.2



#36
 1,1-Dichloropropene
 Concen: 4.753 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY001863.D
 Acq: 04 Mar 2020 18:49

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





#38

Carbon Tetrachloride

Concen: 6.254 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.12 min

Lab File: VY001863.D

Acq: 04 Mar 2020 18:49

Instrument :

MSVOA_Y

ClientSampleId :

S4

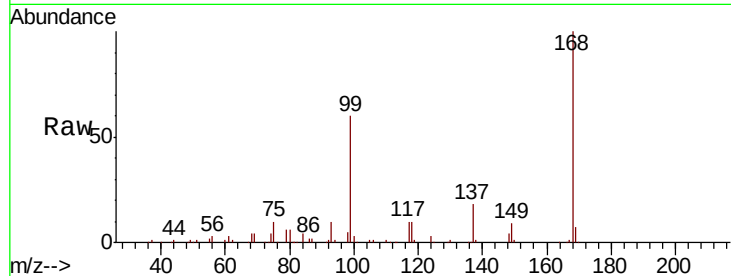
Tot Ion:117 Resp: 14175

Ion Ratio Lower Upper

117 100

119 5.3 76.3 114.5#

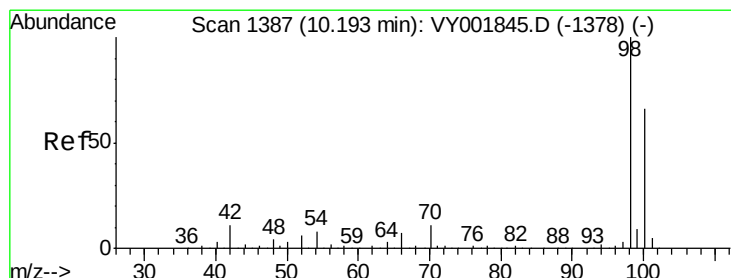
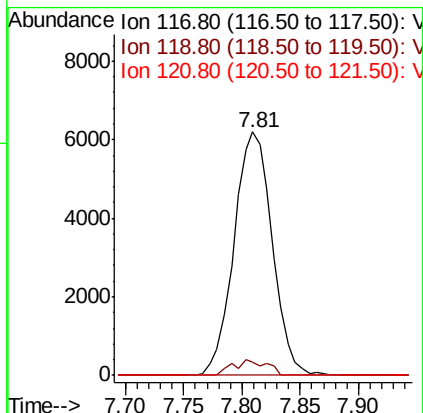
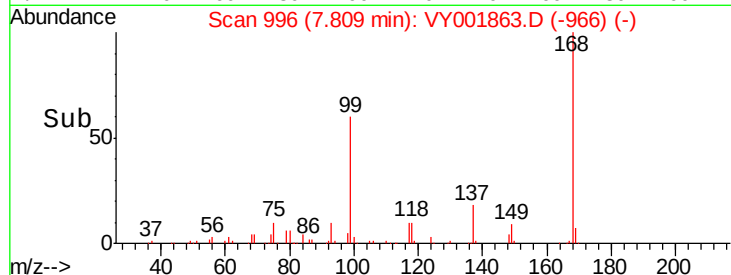
121 0.0 23.5 35.3#



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: 51.853 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001863.D

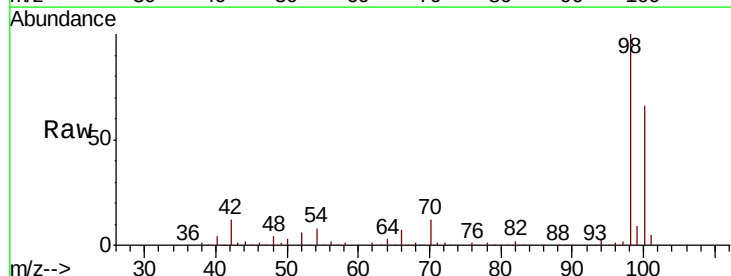
Acq: 04 Mar 2020 18:49

Tgt Ion: 98 Resp: 329193

Ion Ratio Lower Upper

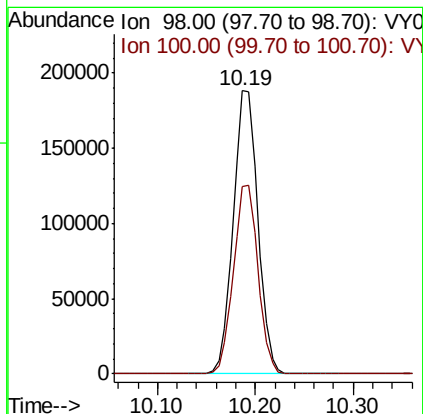
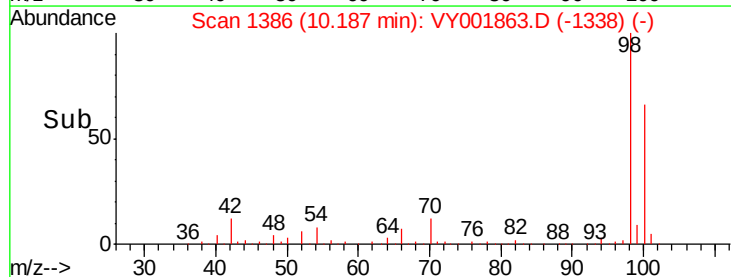
98 100

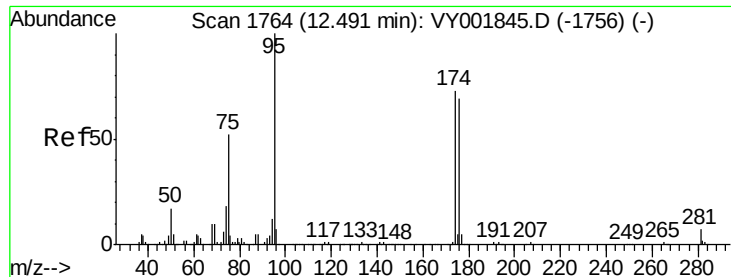
100 66.4 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

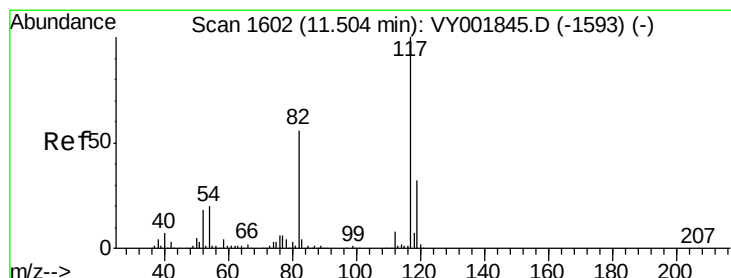
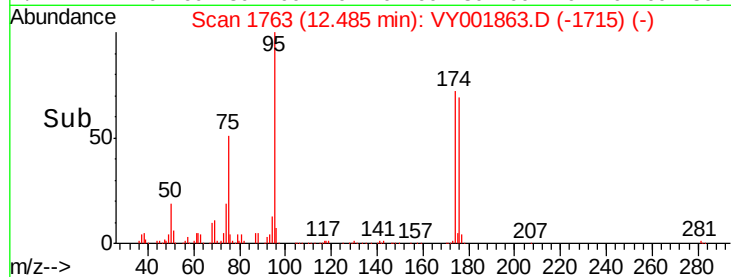
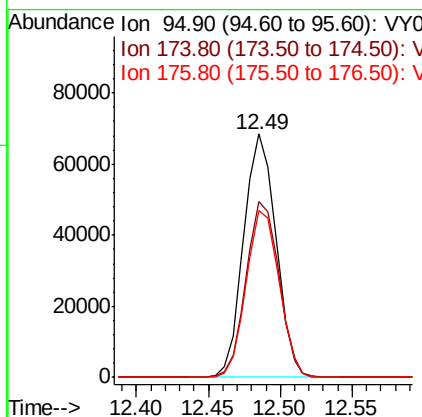
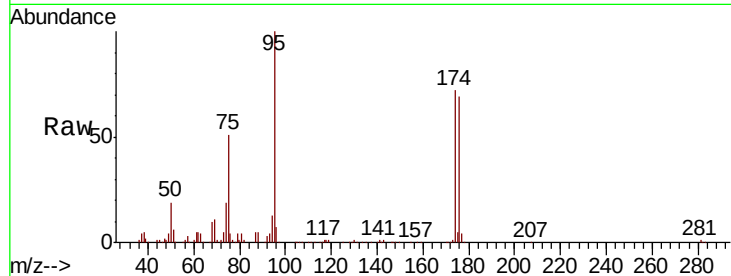




#62
4-Bromofluorobenzene
Concen: 48.287 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001863.D
Acq: 04 Mar 2020 18:49

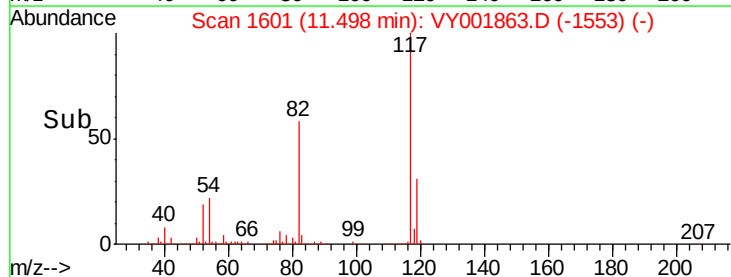
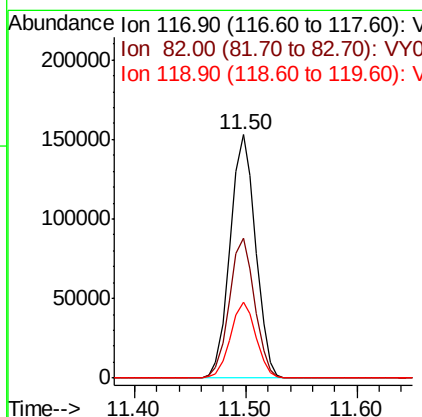
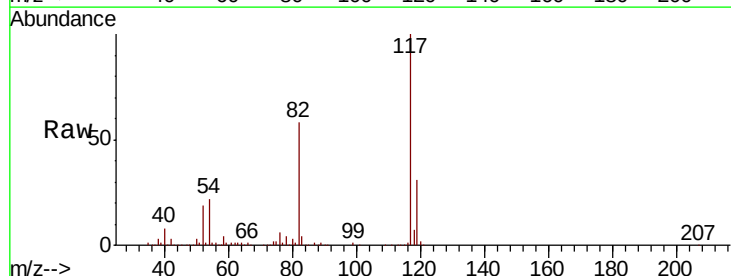
Instrument :
MSVOA_Y
ClientSampled :
S4

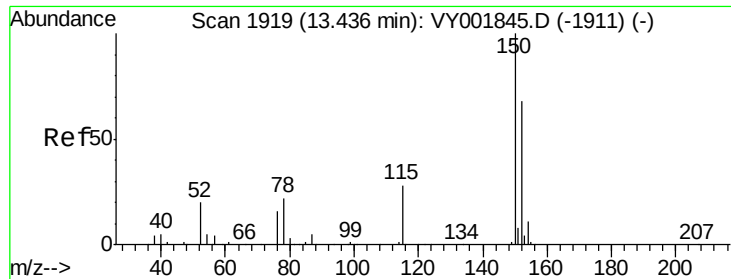
Tot Ion: 95 Resp: 106593
Ion Ratio Lower Upper
95 100
174 73.3 0.0 145.0
176 69.8 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001863.D
Acq: 04 Mar 2020 18:49

Tgt Ion: 117 Resp: 242339
Ion Ratio Lower Upper
117 100
82 57.7 44.5 66.7
119 31.1 25.7 38.5



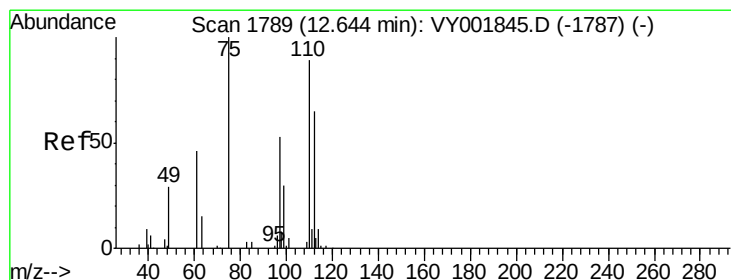
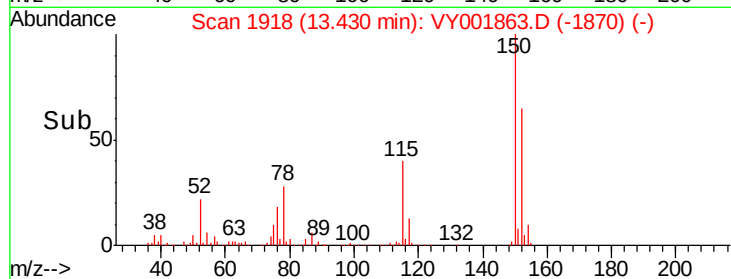
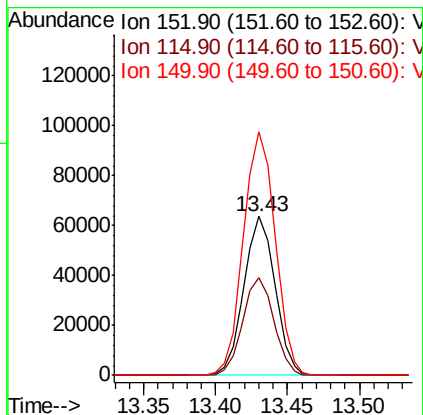
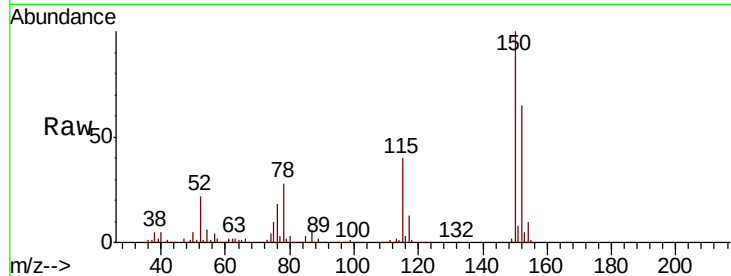


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001863.D
Acq: 04 Mar 2020 18:49

Instrument :
MSVOA_Y
ClientSampleId :
S4

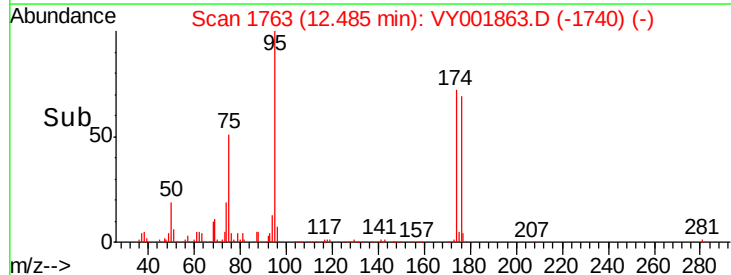
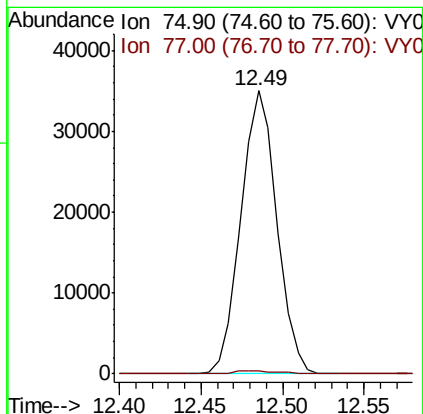
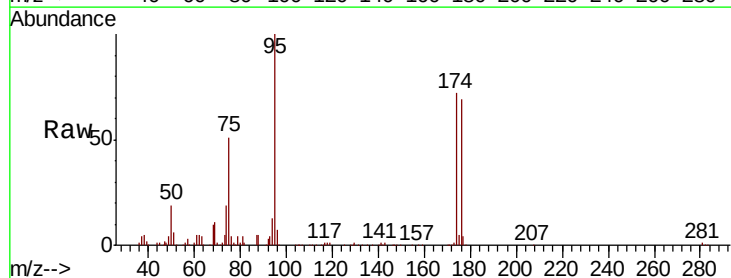
Tot Ion:152 Resp: 95532
Ion Ratio Lower Upper
152 100
115 61.6 29.9 89.7
150 155.9 0.0 340.6

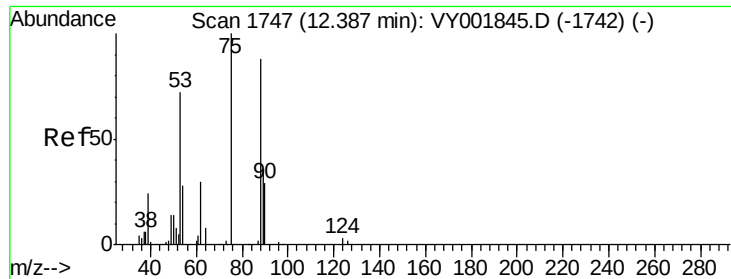


#76

1,2,3-Trichloropropane
Concen: 47.444 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.16 min
Lab File: VY001863.D
Acq: 04 Mar 2020 18:49

Tgt Ion: 75 Resp: 53780
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 95.834 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY001863.D

Acq: 04 Mar 2020 18:49

Instrument :

MSVOA_Y

ClientSampleId :

S4

Tot Ion: 75 Resp: 53780

Ion Ratio Lower Upper

75 100

53 0.1 65.4 98.0#

89 0.1 36.0 54.0#

