

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
 Data File : VY002468.D
 Acq On : 23 Apr 2020 18:31
 Operator : SY/MD
 Sample : L2378-06
 Misc : 6.93G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 24 01:34:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

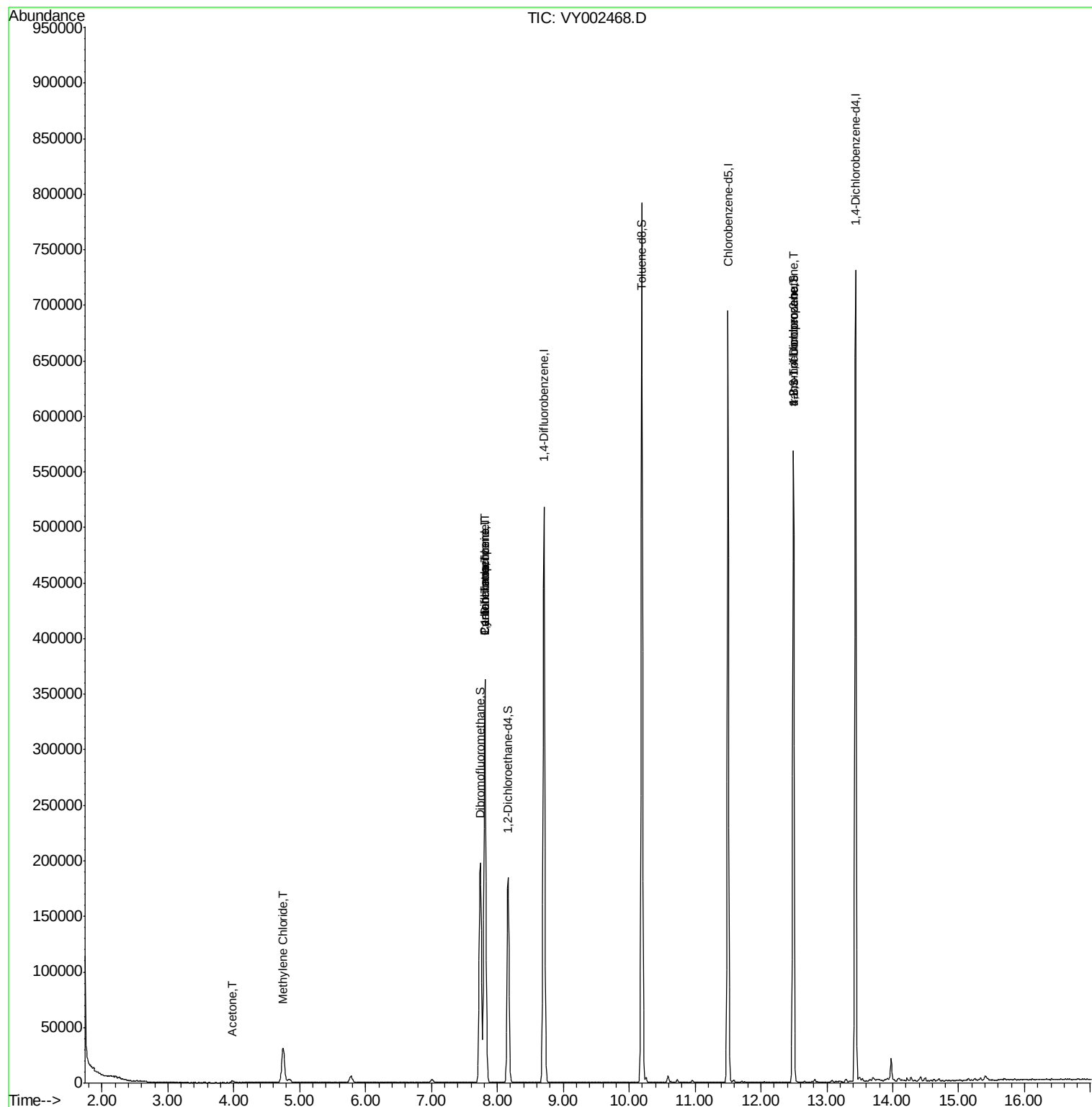
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	295827	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	460790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	404825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	195966	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	143569	55.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.06%	
35) Dibromofluoromethane	7.74	113	140144	53.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.84%	
50) Toluene-d8	10.19	98	537115	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.49	95	166726	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	3246	6.007	ug/l #	84
20) Methylene Chloride	4.75	84	25493	8.263	ug/l	88
31) Cyclohexane	7.81	56	4617	1.036	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	18398	4.656	ug/l #	49
38) Carbon Tetrachloride	7.81	117	27113	5.967	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	85506	51.481	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	85506	95.265	ug/l #	15

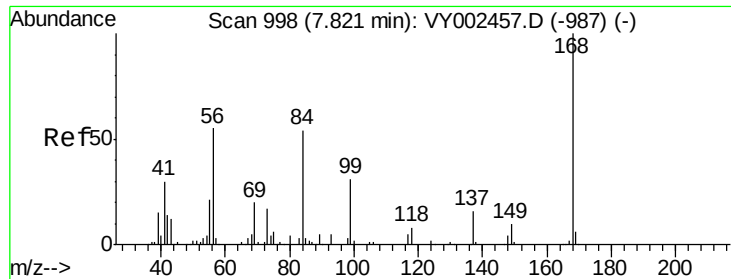
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 23 14:11:26 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: VY002468.D

Acq: 23 Apr 2020 18:31

Instrument :

MSVOA_Y

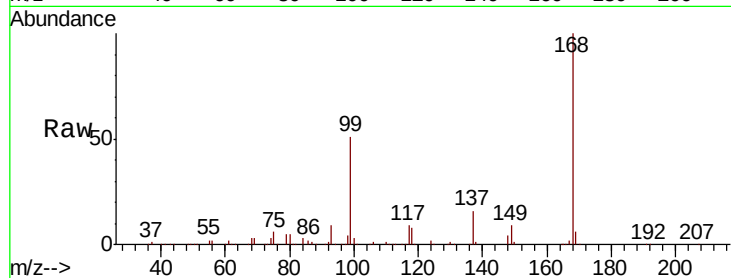
ClientSampleId :

Tot Ion:168 Resp: 295827

Ion Ratio Lower Upper

168 100

99 50.6 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.81

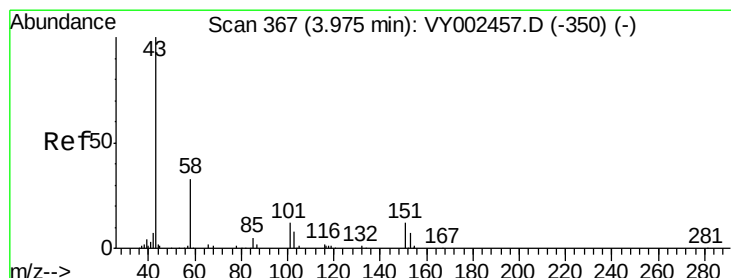
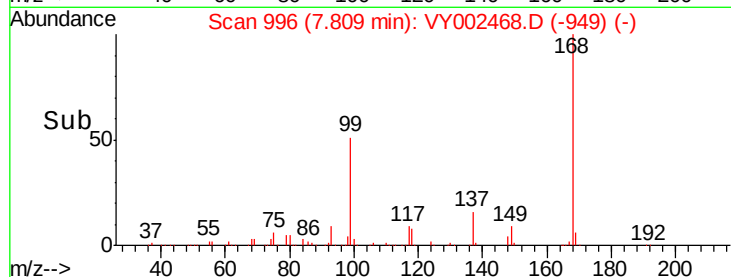
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.007 ug/l

RT: 3.97 min Scan# 367

Delta R.T. -0.00 min

Lab File: VY002468.D

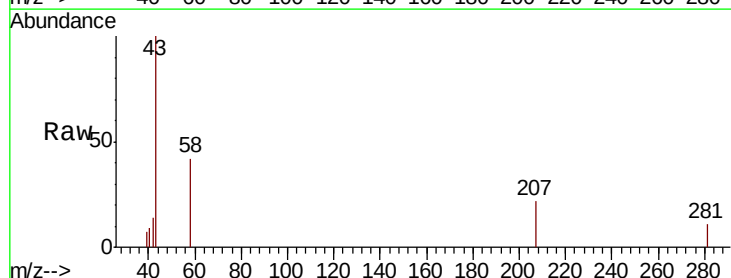
Acq: 23 Apr 2020 18:31

Tgt Ion: 43 Resp: 3246

Ion Ratio Lower Upper

43 100

58 42.3 26.4 39.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.97

1200

1000

800

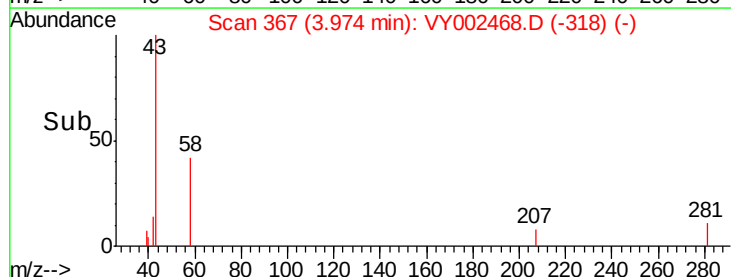
600

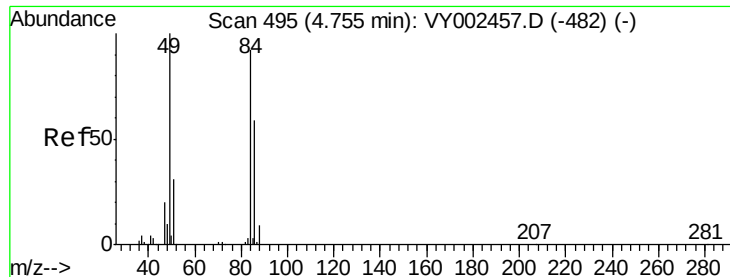
400

200

0

Time-->

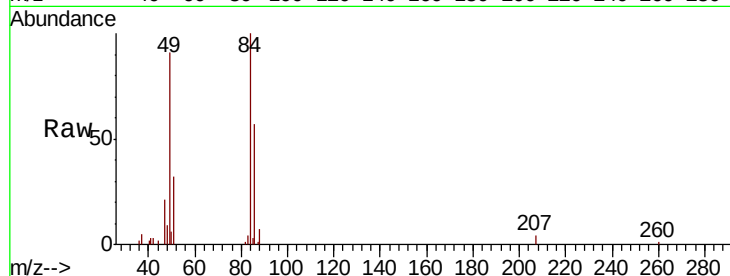




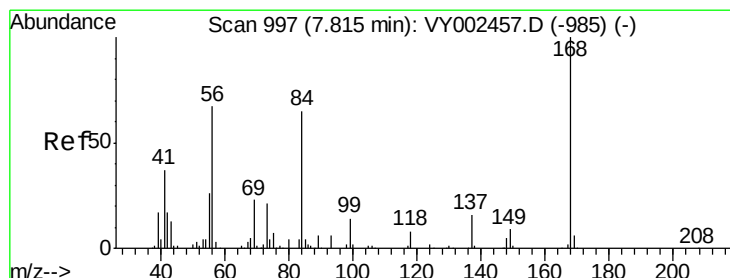
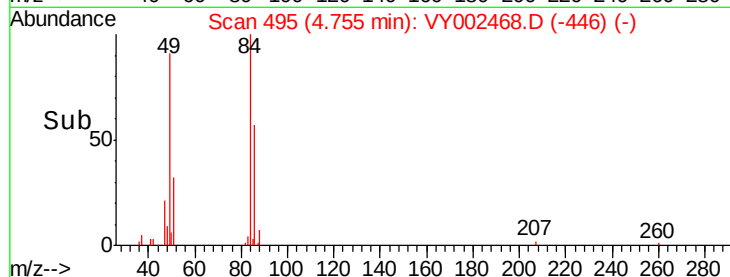
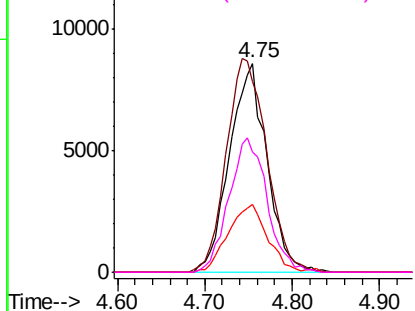
#20
Methylene Chloride
Concen: 8.263 ug/l
RT: 4.75 min Scan# 495
Delta R.T. -0.00 min
Lab File: VY002468.D
Acq: 23 Apr 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	84	Resp:	25493
Ion	Ratio	Lower	Upper
84	100		
49	91.5	86.9	130.3
51	32.4	27.3	40.9
86	57.5	51.0	76.6

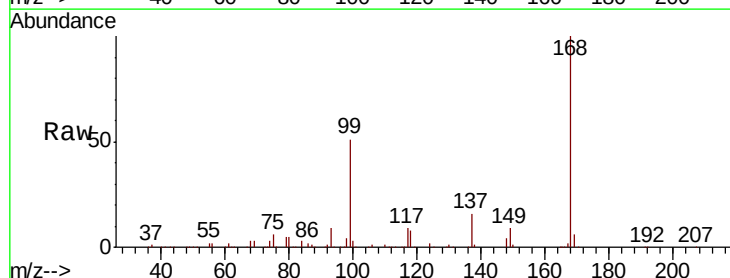


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

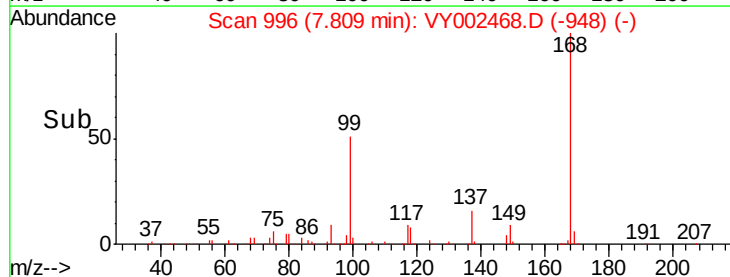
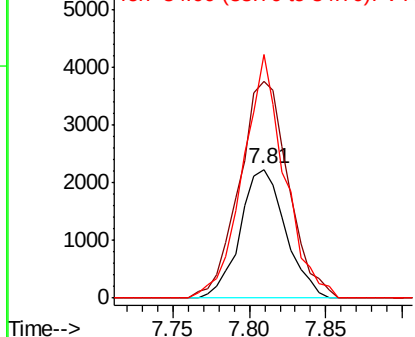


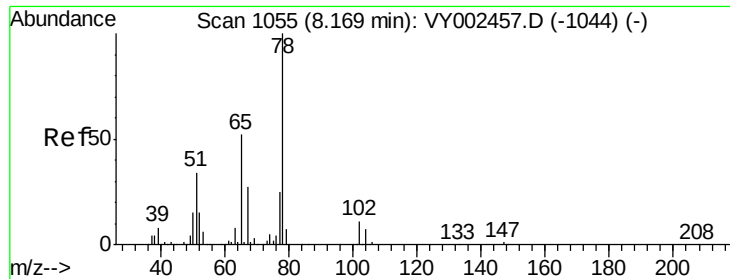
#31
Cyclohexane
Concen: 1.036 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.01 min
Lab File: VY002468.D
Acq: 23 Apr 2020 18:31

Tgt Ion:	56	Resp:	4617
Ion	Ratio	Lower	Upper
56	100		
69	167.9	27.0	40.6#
84	188.9	77.4	116.2#



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

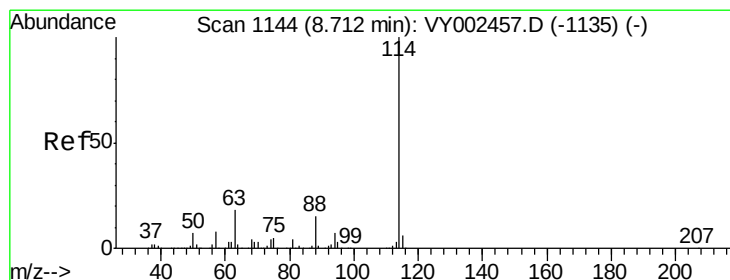
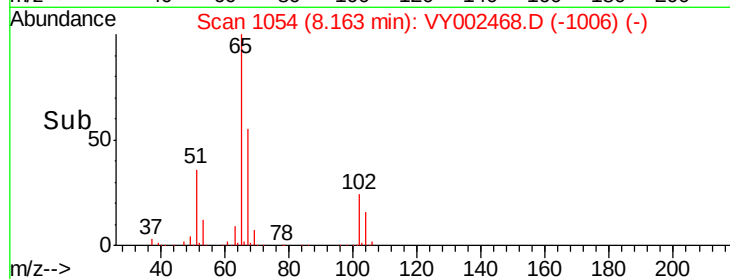
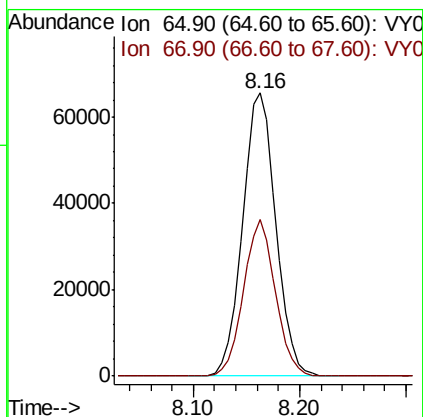
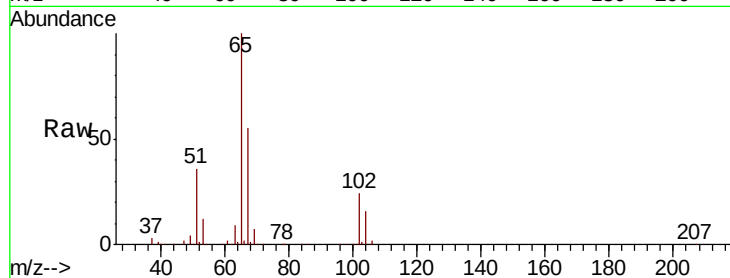




#33
 1,2-Dichloroethane-d4
 Concen: 55.526 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY002468.D
 Acq: 23 Apr 2020 18:31

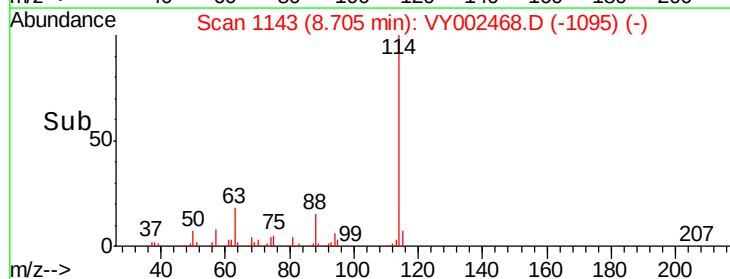
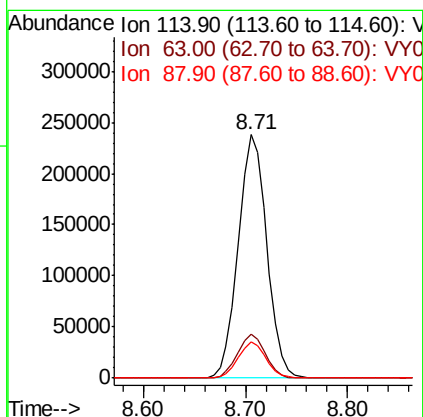
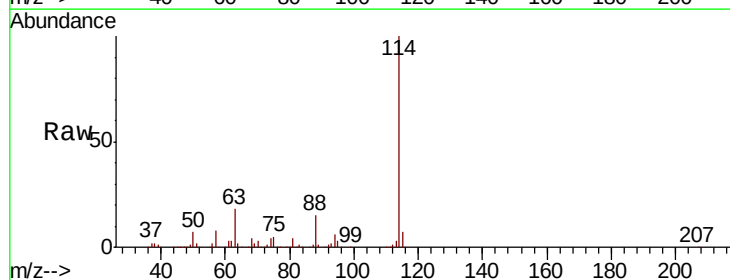
Instrument :
 MSVOA_Y
 ClientSampleId :

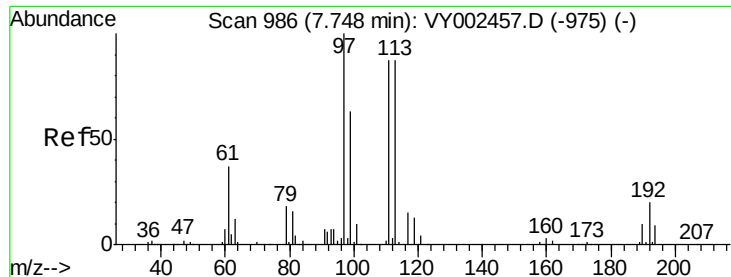
Tot Ion: 65 Resp: 143569
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY002468.D
 Acq: 23 Apr 2020 18:31

Tgt Ion: 114 Resp: 460790
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.6
 88 14.7 0.0 29.4

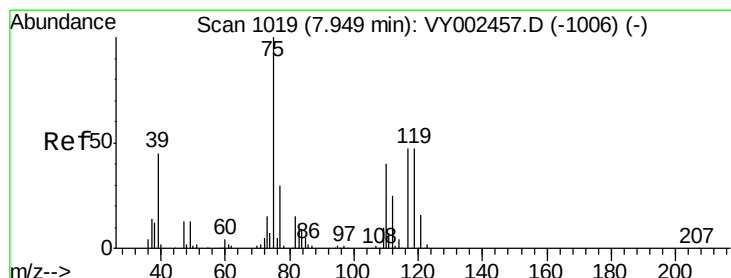
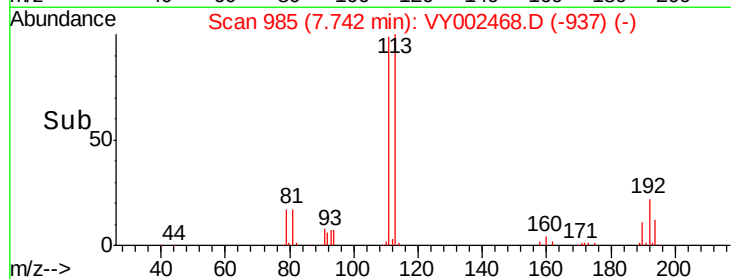
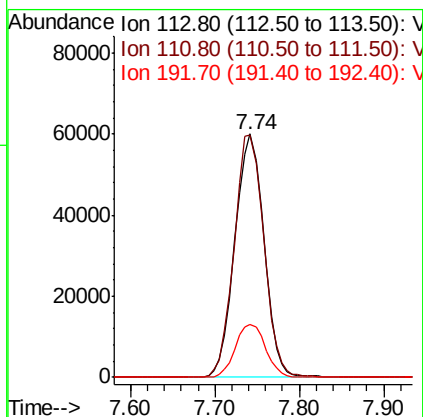
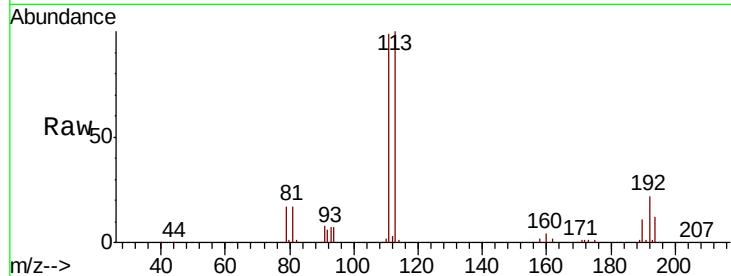




#35
 Dibromofluoromethane
 Concen: 53.920 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY002468.D
 Acq: 23 Apr 2020 18:31

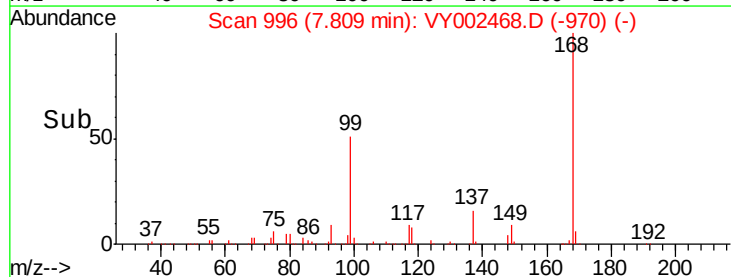
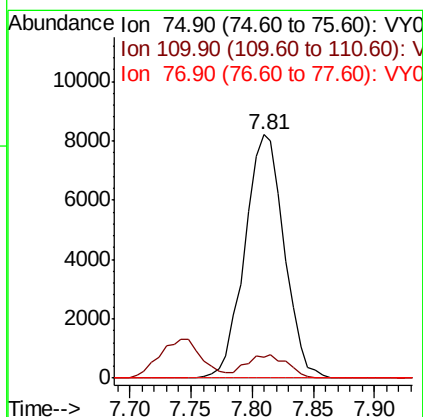
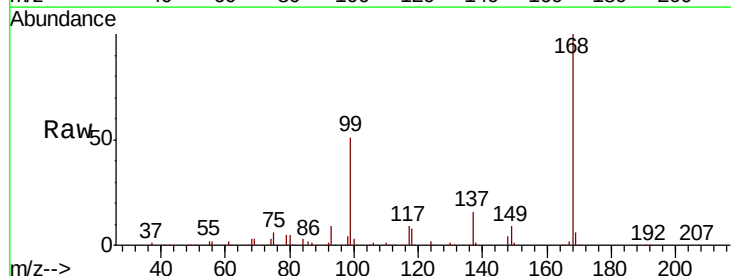
Instrument :
 MSVOA_Y
 ClientSampleId :

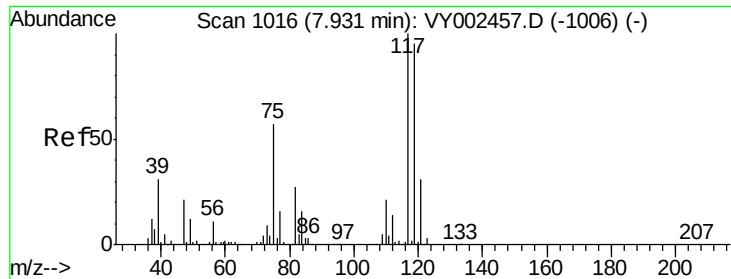
Tot Ion:113 Resp: 140144
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.0 121.4
 192 22.9 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 4.656 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.14 min
 Lab File: VY002468.D
 Acq: 23 Apr 2020 18:31

Tgt Ion: 75 Resp: 18398
 Ion Ratio Lower Upper
 75 100
 110 10.1 19.4 58.4#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.967 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.12 min

Lab File: VY002468.D

Acq: 23 Apr 2020 18:31

Instrument :

MSVOA_Y

ClientSampleId :

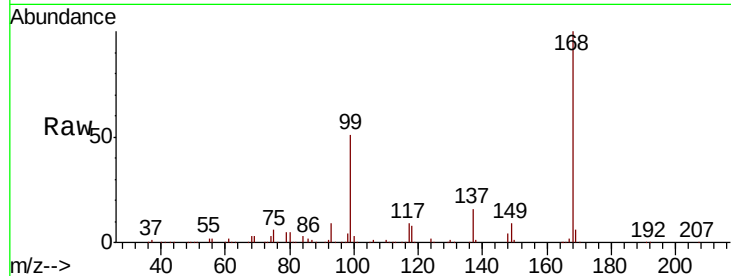
Tot Ion:117 Resp: 27113

Ion Ratio Lower Upper

117 100

119 5.4 75.9 113.9#

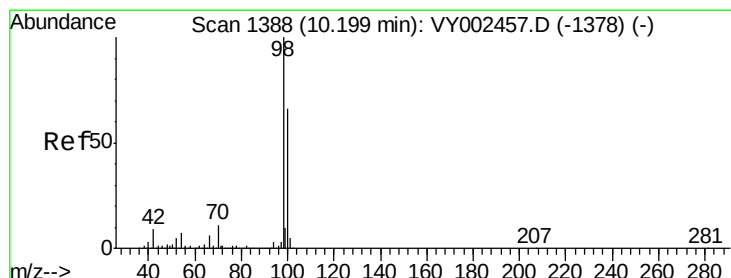
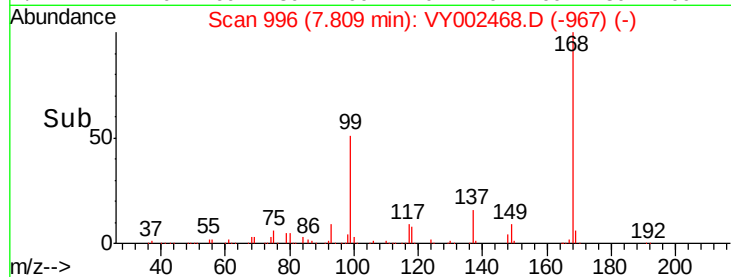
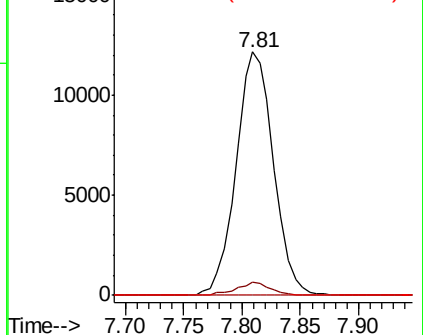
121 0.0 24.5 36.7#



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: 51.416 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VY002468.D

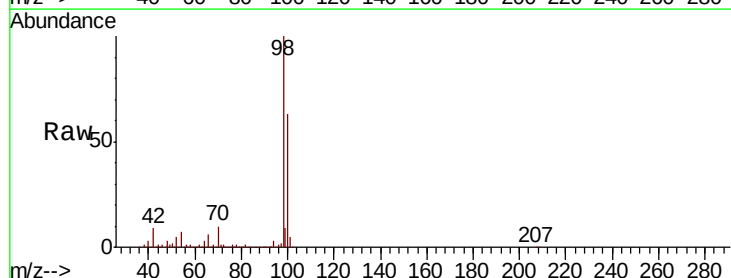
Acq: 23 Apr 2020 18:31

Tgt Ion: 98 Resp: 537115

Ion Ratio Lower Upper

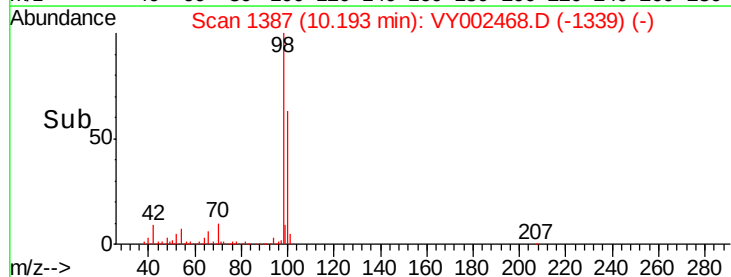
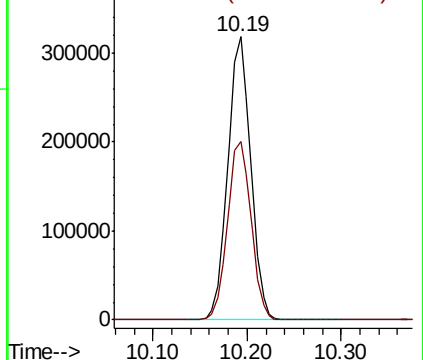
98 100

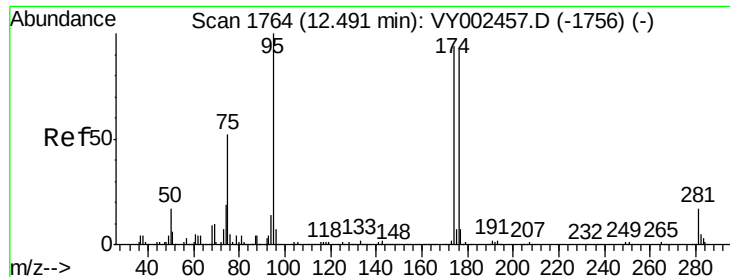
100 64.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 47.565 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002468.D

Acq: 23 Apr 2020 18:31

Instrument :

MSVOA_Y

ClientSampled :

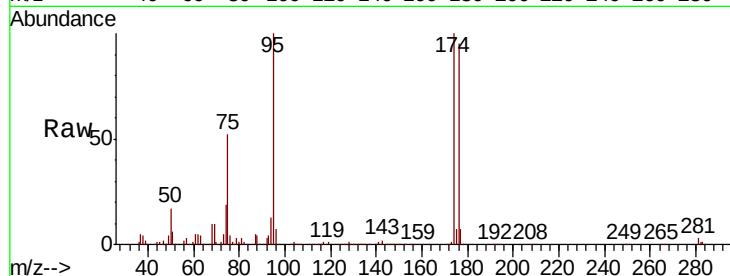
Tot Ion: 95 Resp: 166726

Ion Ratio Lower Upper

95 100

174 96.9 0.0 193.0

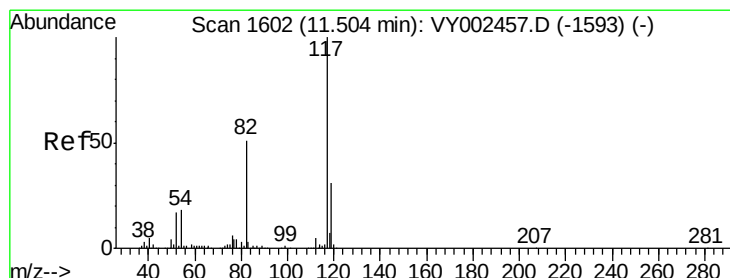
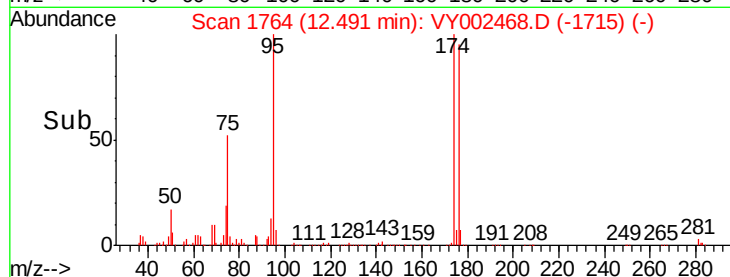
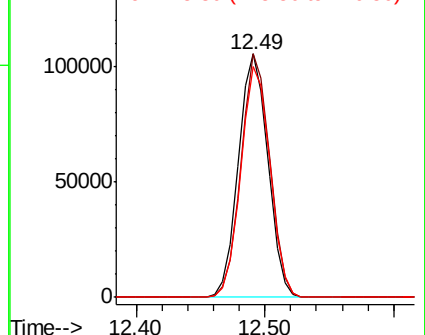
176 93.8 0.0 190.4



Abundance Ion 94.90 (94.60 to 95.60): VY002457.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY002457.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY002457.D (-1756) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. -0.00 min

Lab File: VY002468.D

Acq: 23 Apr 2020 18:31

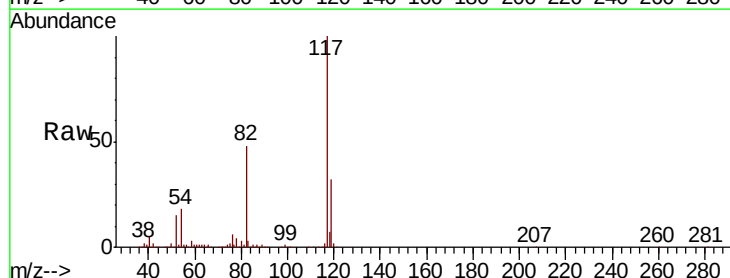
Tgt Ion: 117 Resp: 404825

Ion Ratio Lower Upper

117 100

82 48.2 40.8 61.2

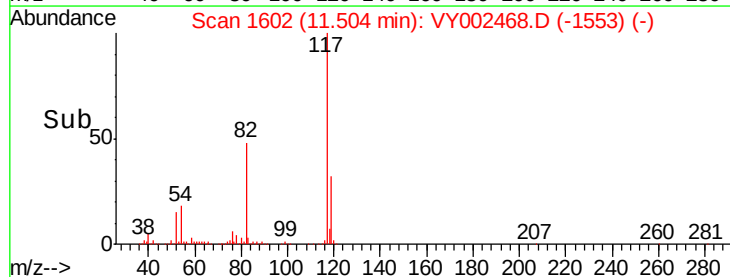
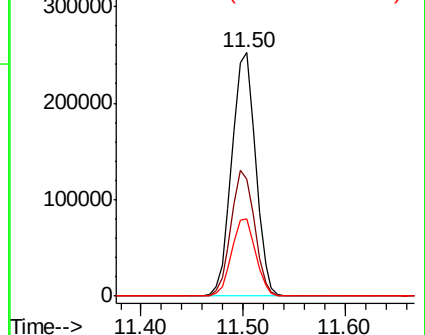
119 31.7 25.2 37.8

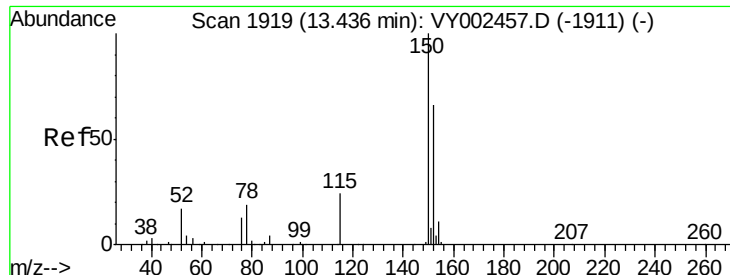


Abundance Ion 116.90 (116.60 to 117.60): VY002457.D (-1593) (-)

Ion 82.00 (81.70 to 82.70): VY002457.D (-1593) (-)

Ion 118.90 (118.60 to 119.60): VY002457.D (-1593) (-)



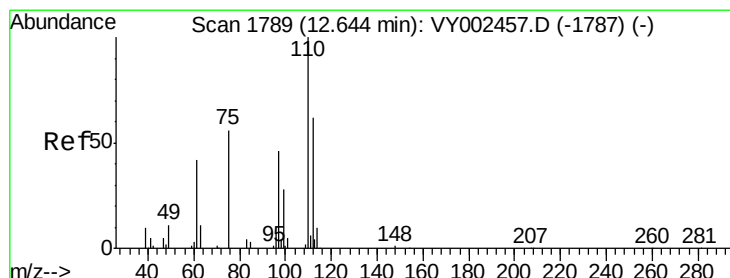
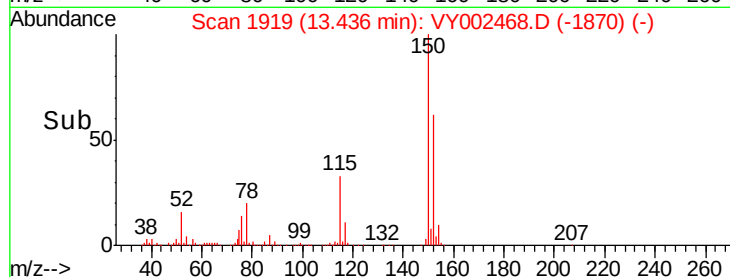
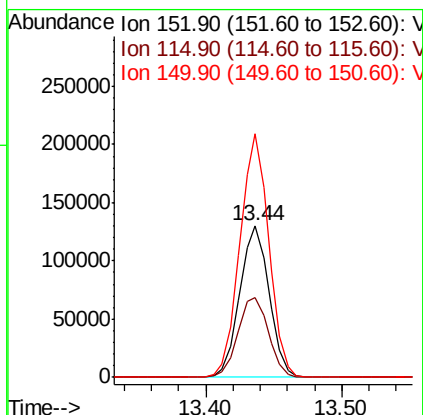
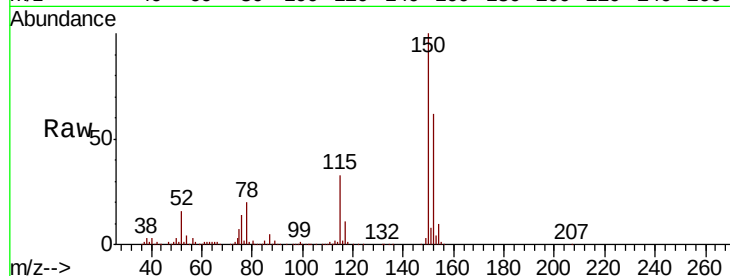


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002468.D
Acq: 23 Apr 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :

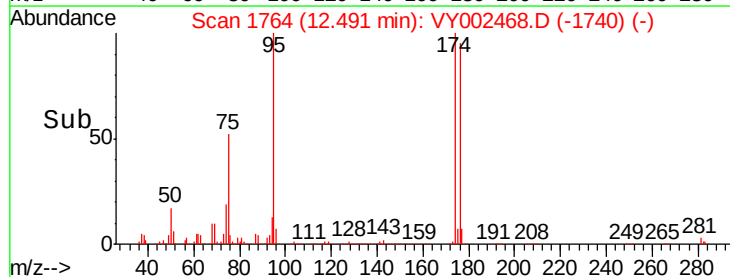
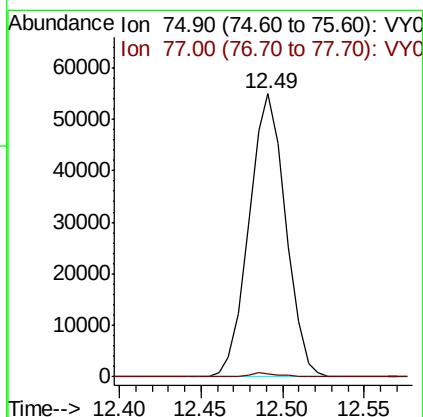
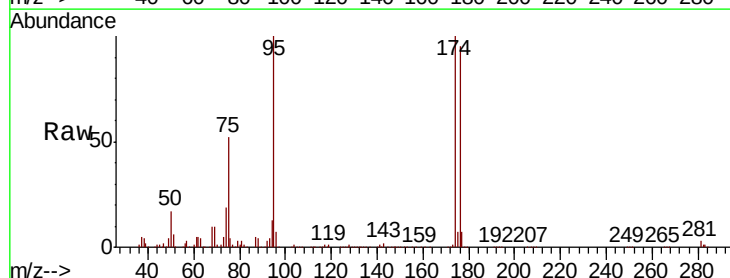
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.3	81.8
150	158.1	0.0	346.8

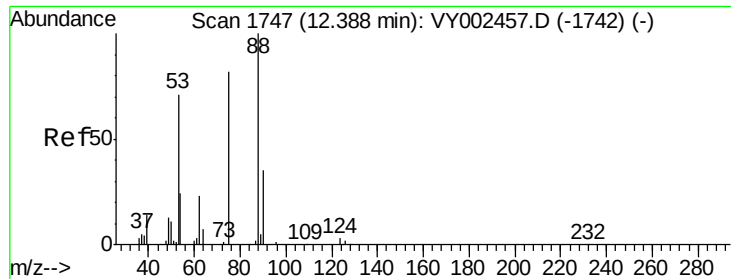


#76

1,2,3-Trichloropropane
Concen: 51.481 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY002468.D
Acq: 23 Apr 2020 18:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0





#81

trans-1,4-Dichloro-2-butene

Concen: 95.265 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002468.D

Acq: 23 Apr 2020 18:31

Instrument :

MSVOA_Y

ClientSampleId :

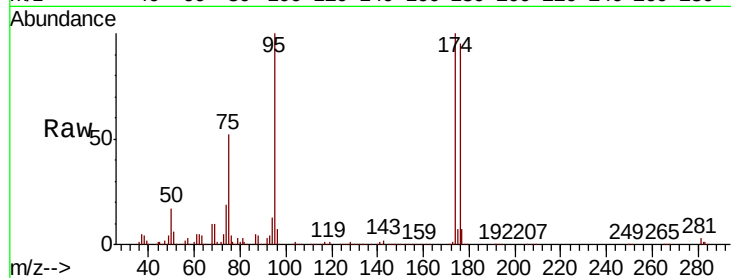
Tot Ion: 75 Resp: 85506

Ion Ratio Lower Upper

75 100

53 0.0 70.0 105.0#

89 0.1 34.9 52.3#



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

