

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002164.D
 Acq On : 01 Apr 2020 15:42
 Operator : SY/MD
 Sample : L2100-04
 Misc : 9.22G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 02 06:23:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

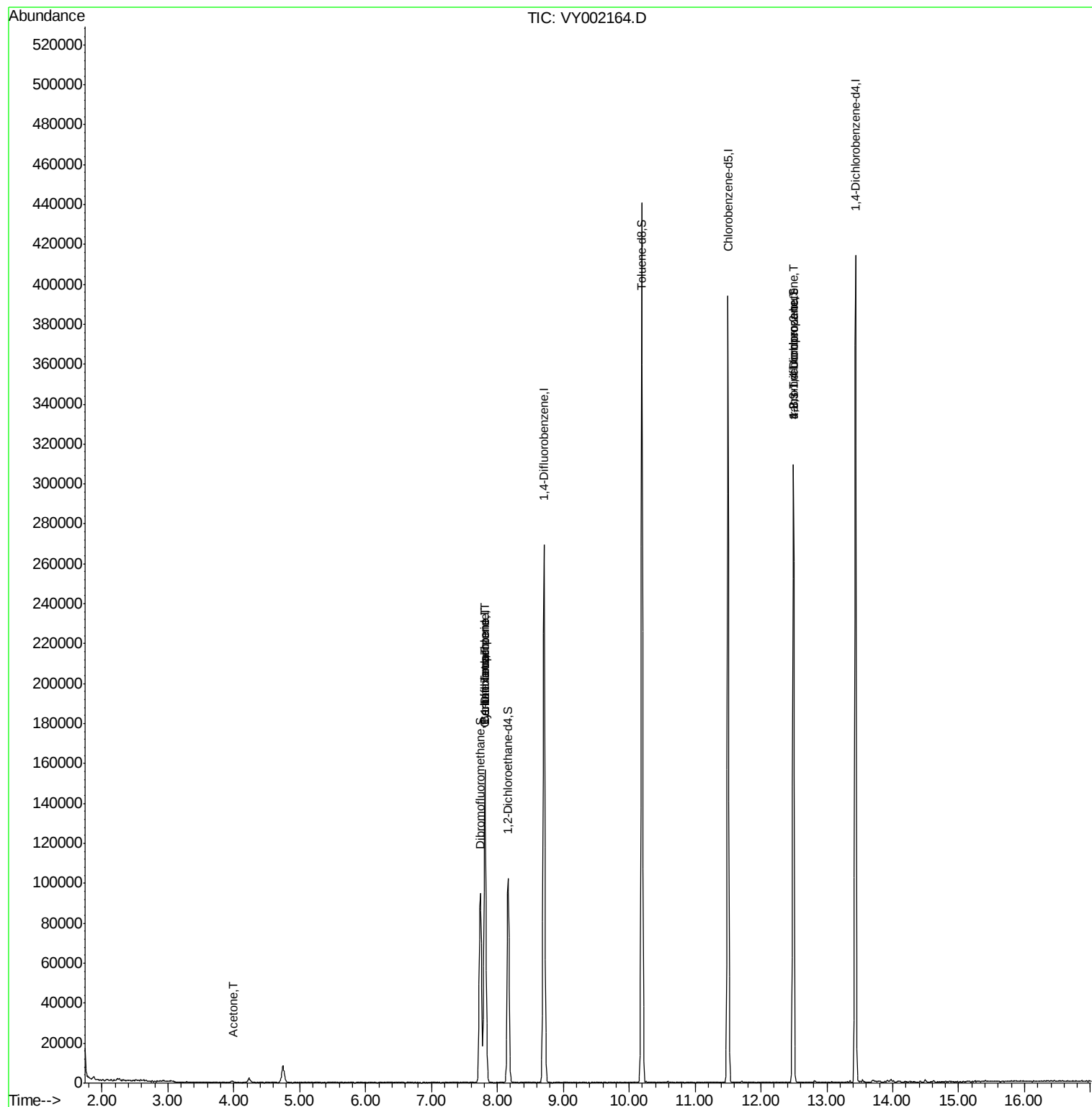
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	117284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	229744	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	216487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	98239	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	75250	58.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.08%	
35) Dibromofluoromethane	7.74	113	68049	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
50) Toluene-d8	10.19	98	282237	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
62) 4-Bromofluorobenzene	12.49	95	99258	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
Target Compounds						
16) Acetone	3.98	43	1168	3.206	ug/l	100
20) Methylene Chloride	4.75	84	6010	Below Cal		88
31) Cyclohexane	7.80	56	2782	1.030	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	10081	4.639	ug/l #	50
38) Carbon Tetrachloride	7.82	117	11632	6.309	ug/l #	18
76) 1,2,3-Trichloropropane	12.49	75	51193	46.586	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	51193	90.253	ug/l #	17

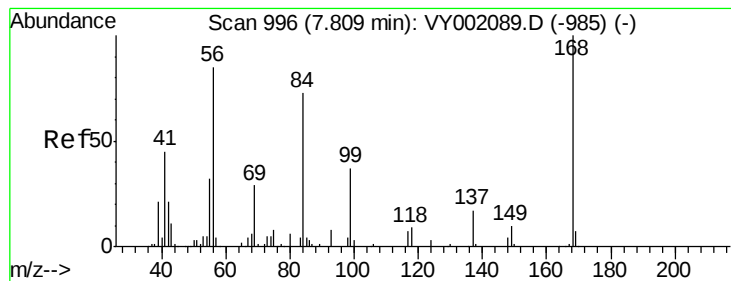
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002164.D

Acq: 01 Apr 2020 15:42

Instrument :

MSVOA_Y

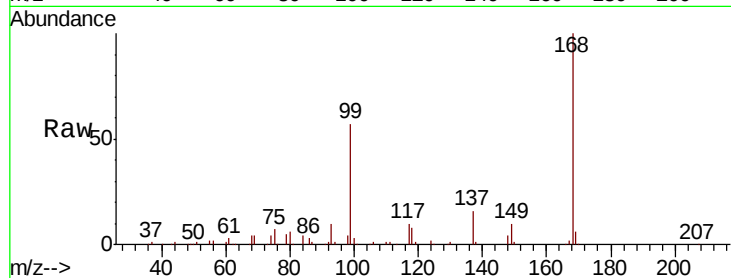
ClientSampleId :

Tot Ion:168 Resp: 117284

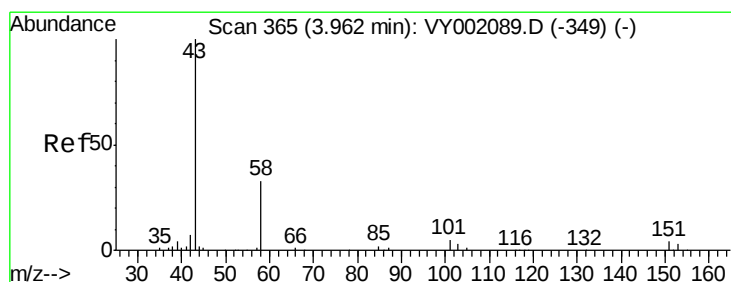
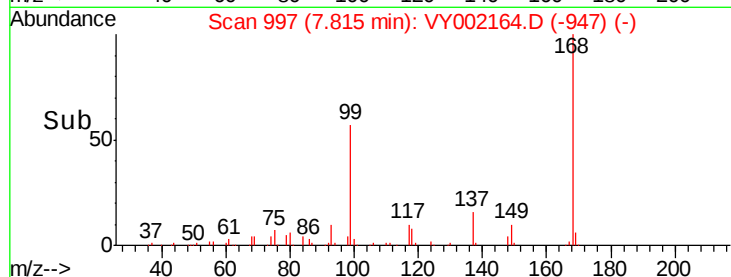
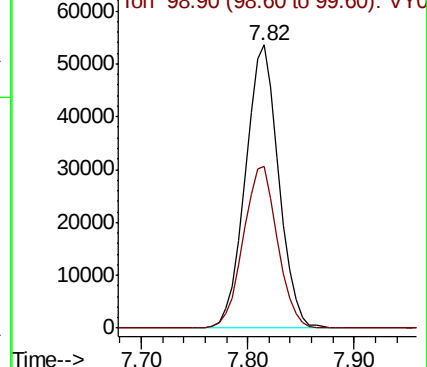
Ion Ratio Lower Upper

168 100

99 57.3 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002164.D (-947) (-)



#16

Acetone

Concen: 3.206 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.02 min

Lab File: VY002164.D

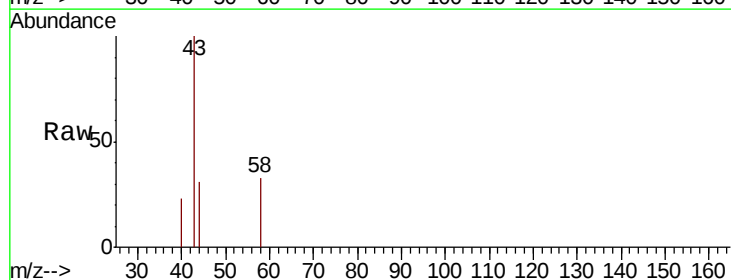
Acq: 01 Apr 2020 15:42

Tgt Ion: 43 Resp: 1168

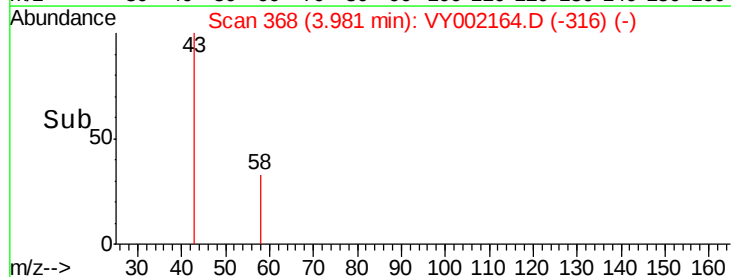
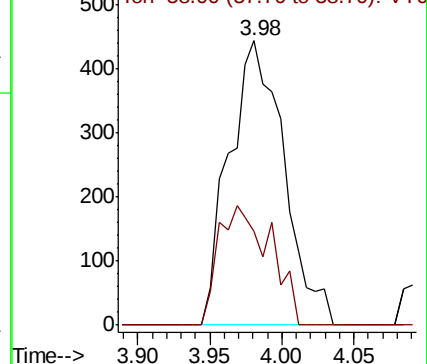
Ion Ratio Lower Upper

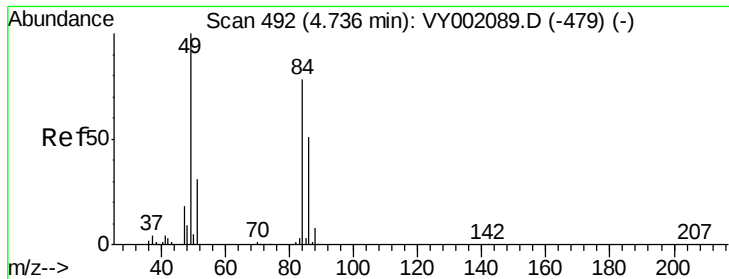
43 100

58 32.7 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002164.D (-316) (-)

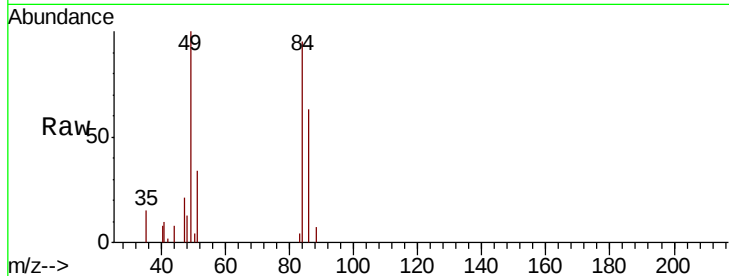




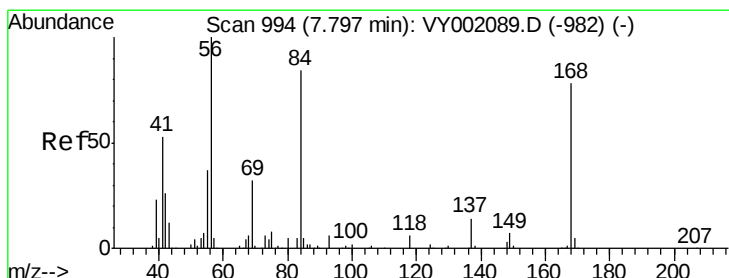
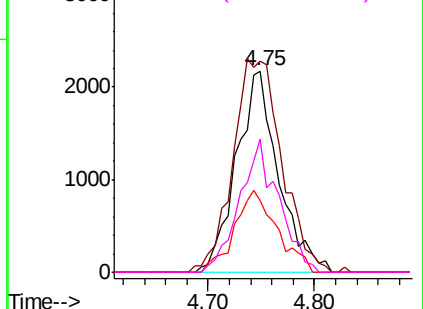
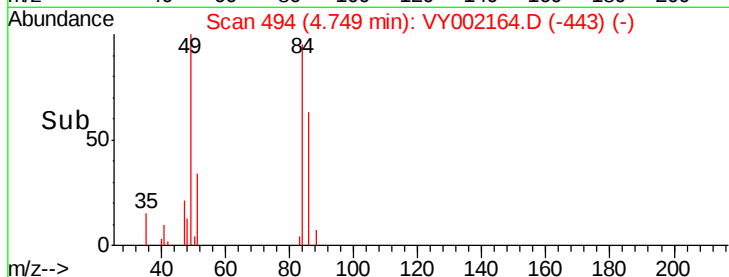
#20
Methylene Chloride
Concen: Below Cal
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002164.D
Acq: 01 Apr 2020 15:42

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 84 Resp: 6010
Ion Ratio Lower Upper
84 100
49 104.9 102.2 153.4
51 35.5 31.2 46.8
86 66.3 52.6 78.8

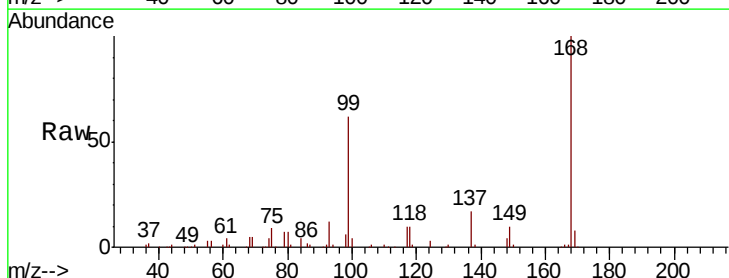


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

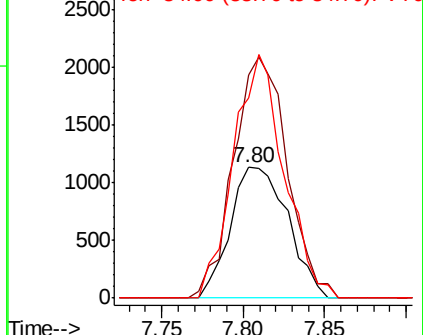
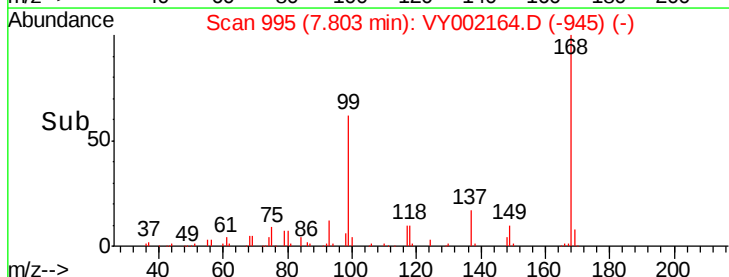


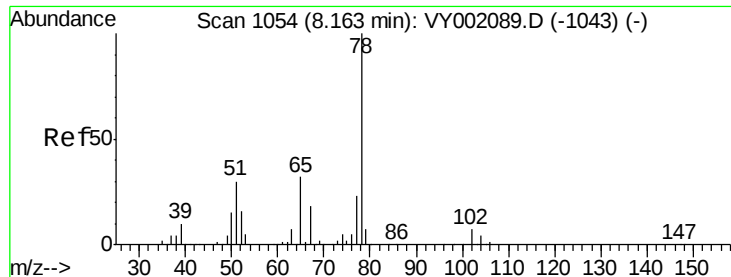
#31
Cyclohexane
Concen: 1.030 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY002164.D
Acq: 01 Apr 2020 15:42

Tgt Ion: 56 Resp: 2782
Ion Ratio Lower Upper
56 100
69 171.1 25.8 38.8#
84 153.0 67.1 100.7#



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

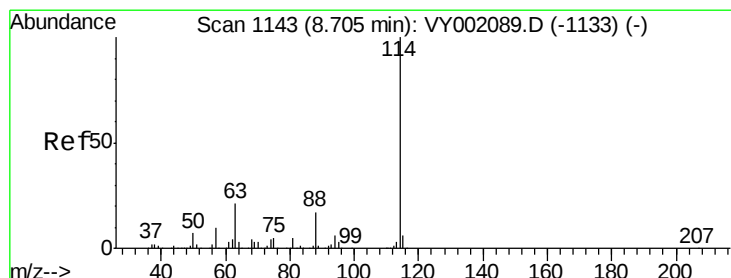
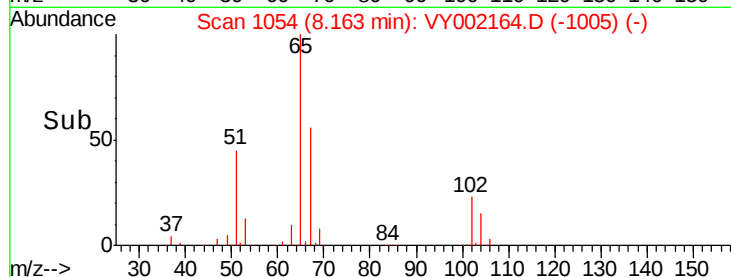
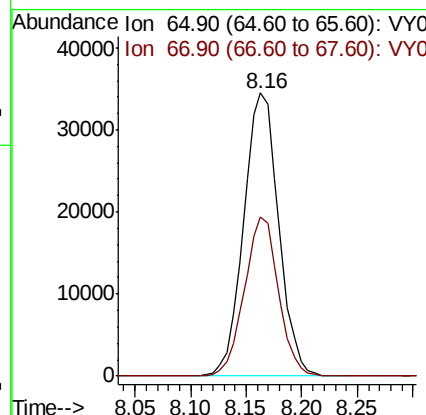
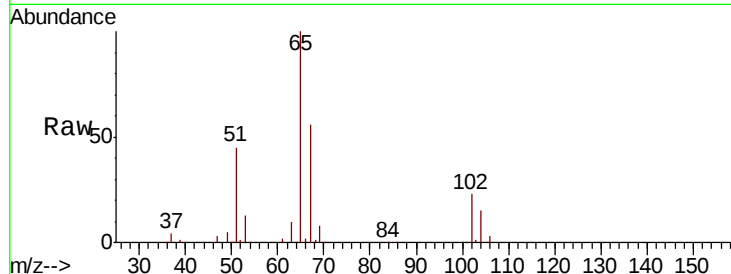




#33
 1,2-Dichloroethane-d4
 Concen: 58.039 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY002164.D
 Acq: 01 Apr 2020 15:42

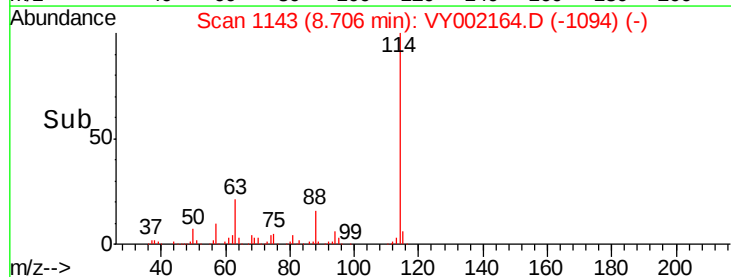
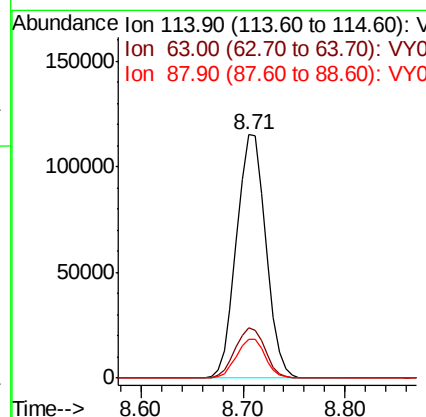
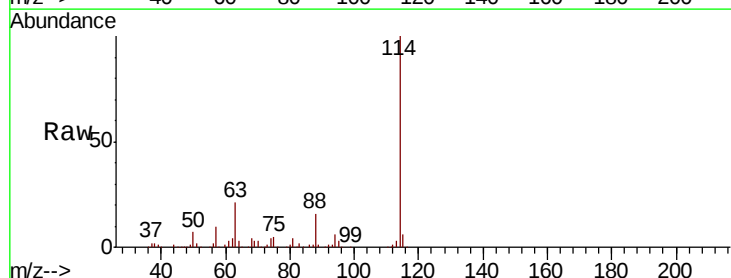
Instrument :
 MSVOA_Y
 ClientSampleId :

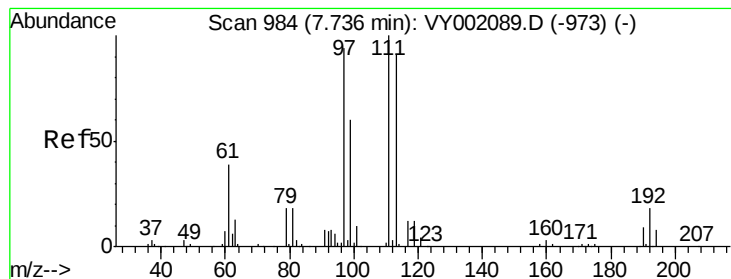
Tot Ion: 65 Resp: 75250
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002164.D
 Acq: 01 Apr 2020 15:42

Tgt Ion: 114 Resp: 229744
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.4
 88 15.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.862 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002164.D

Acq: 01 Apr 2020 15:42

Instrument :
MSVOA_Y
ClientSampleId :

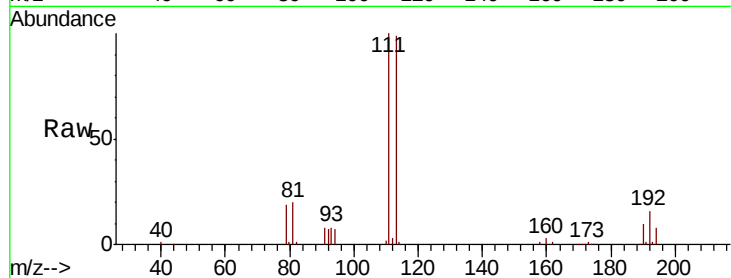
Tot Ion:113 Resp: 68049

Ion Ratio Lower Upper

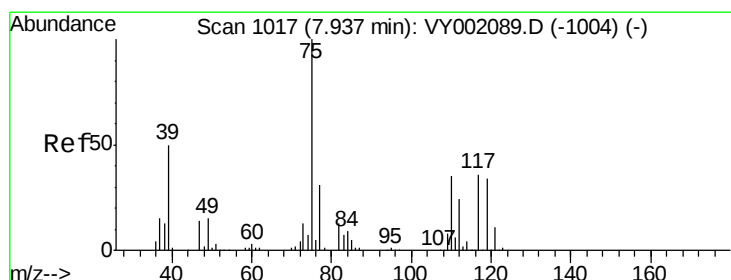
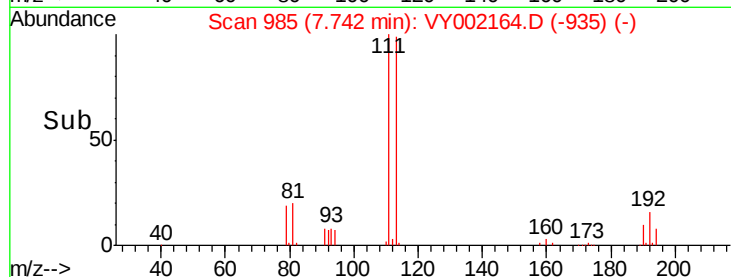
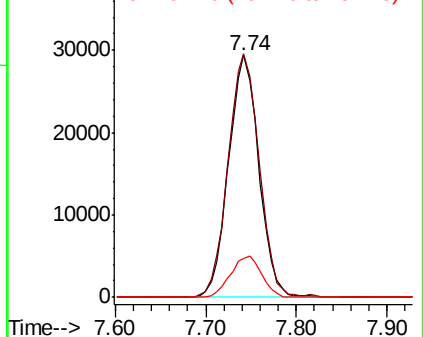
113 100

111 103.3 84.4 126.6

192 17.6 14.6 21.8



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



#36

1,1-Dichloropropene

Concen: 4.639 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.13 min

Lab File: VY002164.D

Acq: 01 Apr 2020 15:42

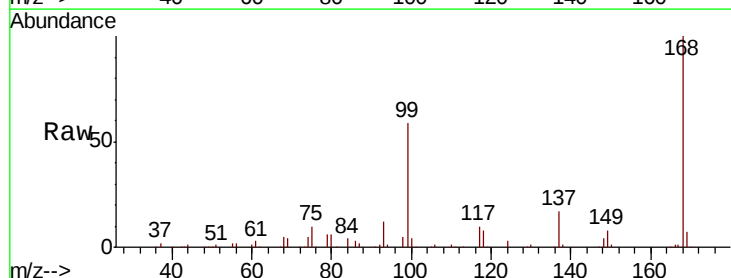
Tgt Ion: 75 Resp: 10081

Ion Ratio Lower Upper

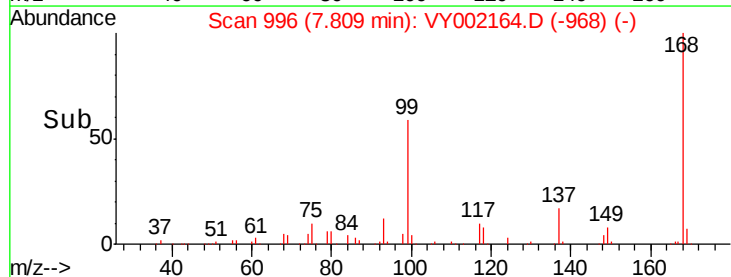
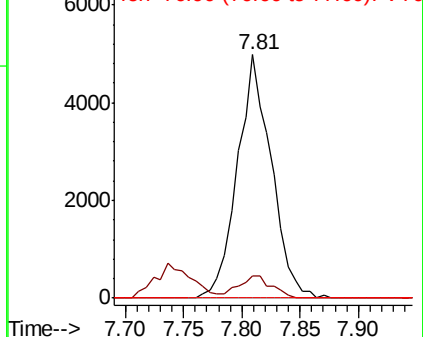
75 100

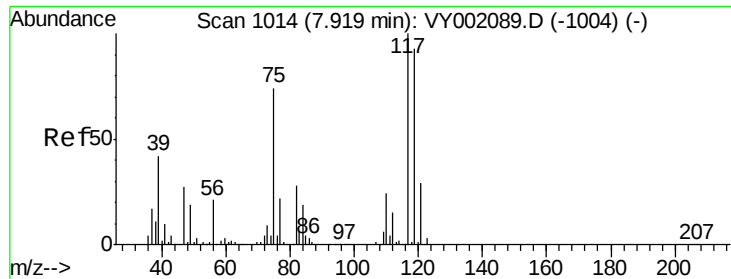
110 9.4 17.2 51.6#

77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0

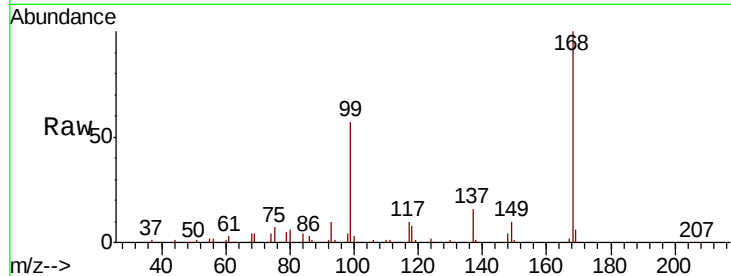




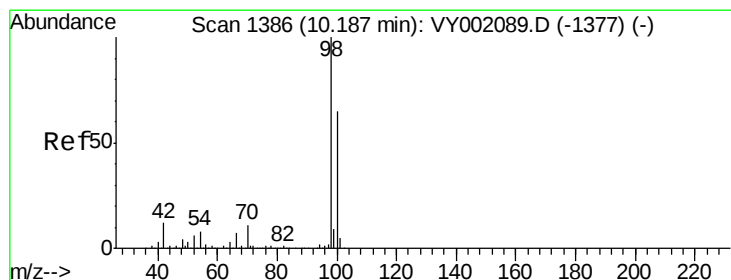
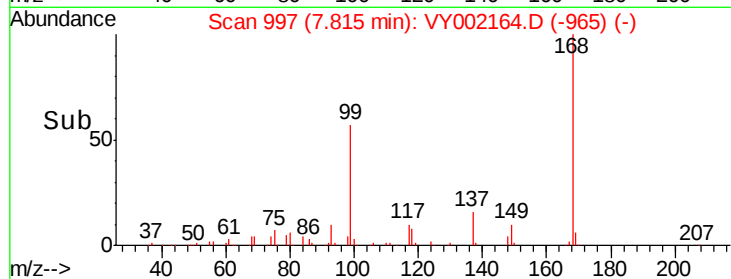
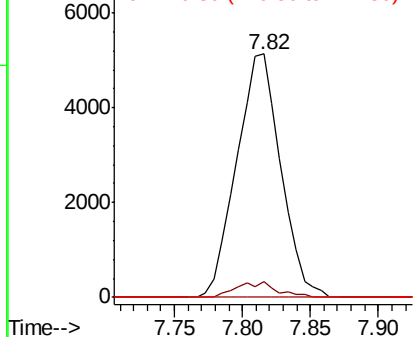
#38
Carbon Tetrachloride
Concen: 6.309 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.10 min
Lab File: VY002164.D
Acq: 01 Apr 2020 15:42

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 11632
Ion Ratio Lower Upper
117 100
119 6.2 74.3 111.5#
121 0.0 23.3 34.9#

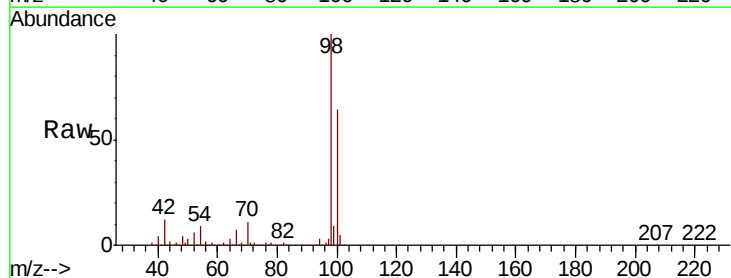


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

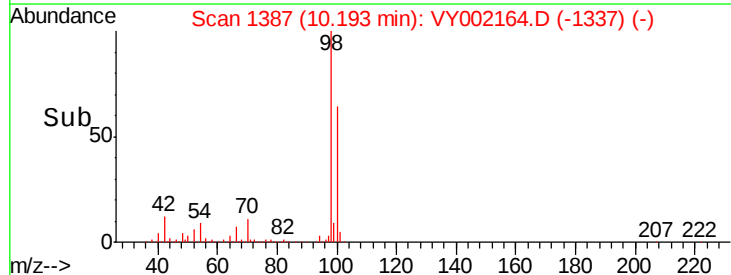
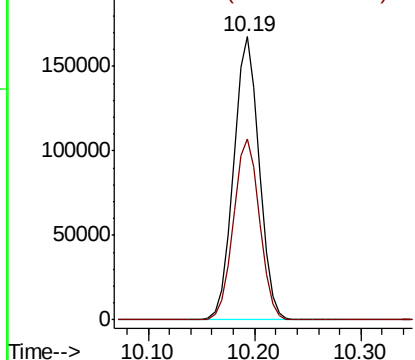


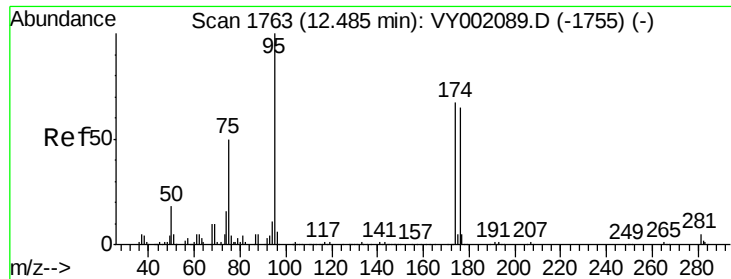
#50
Toluene-d8
Concen: 52.777 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002164.D
Acq: 01 Apr 2020 15:42

Tgt Ion: 98 Resp: 282237
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4



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

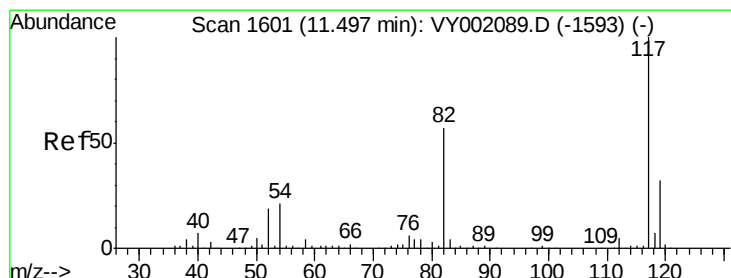
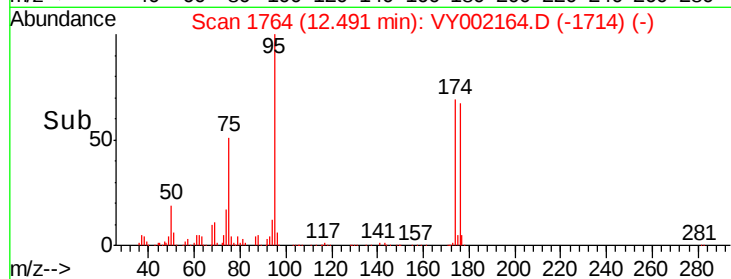
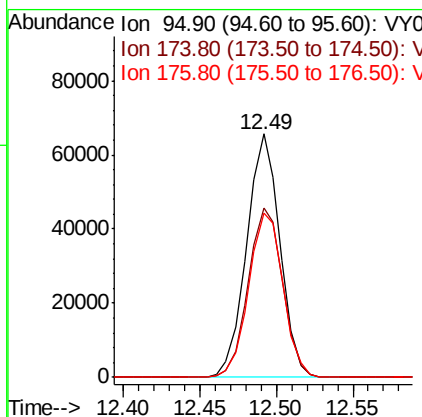
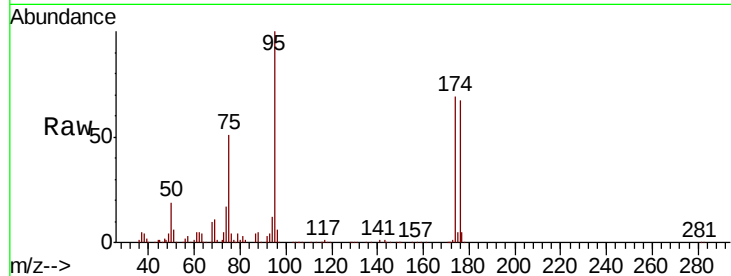




#62
4-Bromofluorobenzene
Concen: 53.071 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002164.D
Acq: 01 Apr 2020 15:42

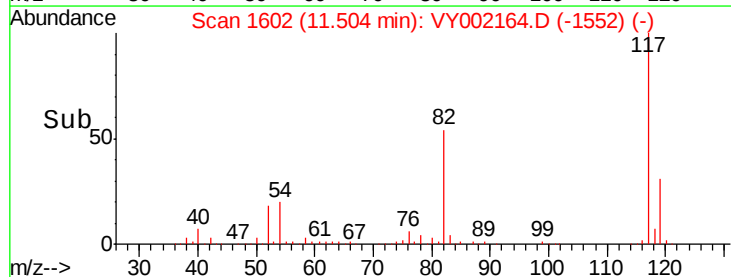
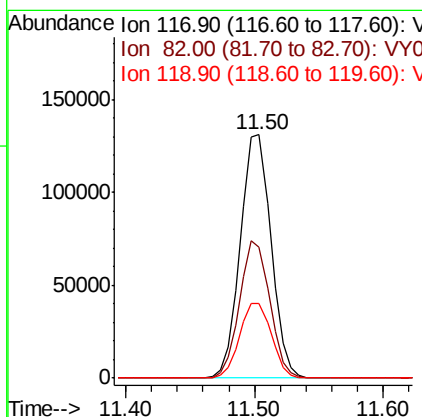
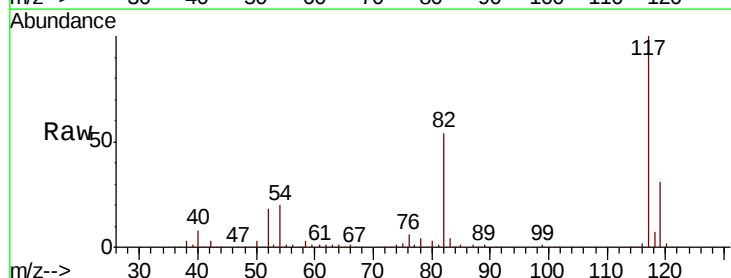
Instrument :
MSVOA_Y
ClientSampleId :

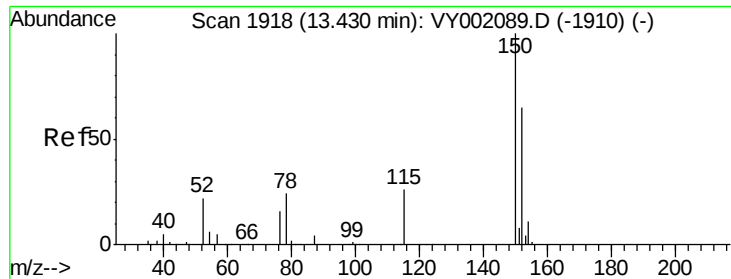
Tot Ion	95	Resp	99258
Ion Ratio	100	Lower	Upper
174	71.8	0.0	143.4
176	69.6	0.0	137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002164.D
Acq: 01 Apr 2020 15:42

Tgt Ion	117	Resp	216487
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
82	53.9	45.4	68.2
119	30.9	25.3	37.9



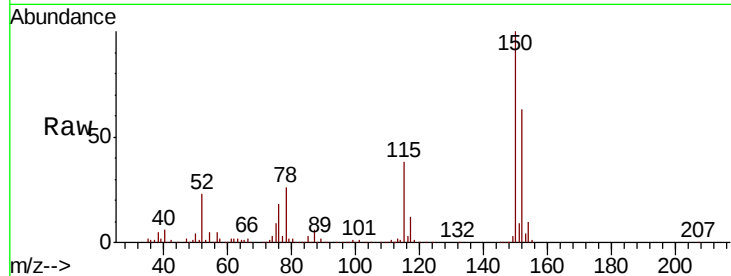


#72

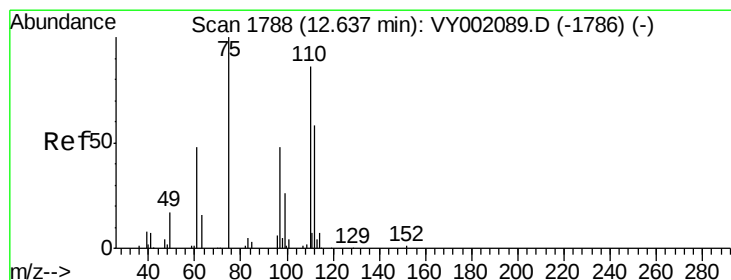
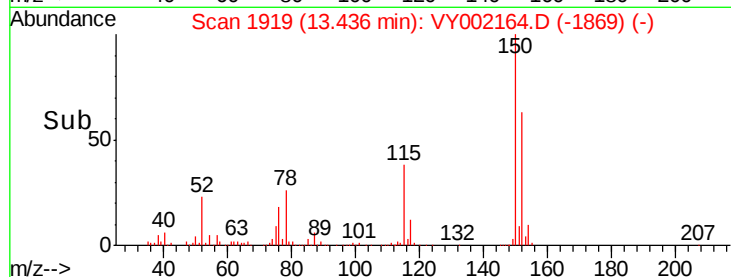
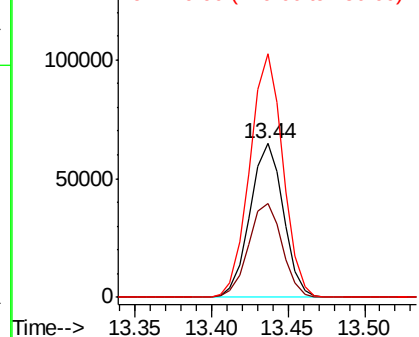
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002164.D
Acq: 01 Apr 2020 15:42

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:152 Resp: 98239
Ion Ratio Lower Upper
152 100
115 61.7 31.2 93.6
150 157.5 0.0 354.8



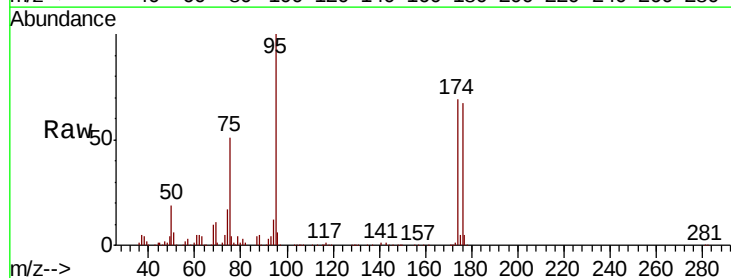
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



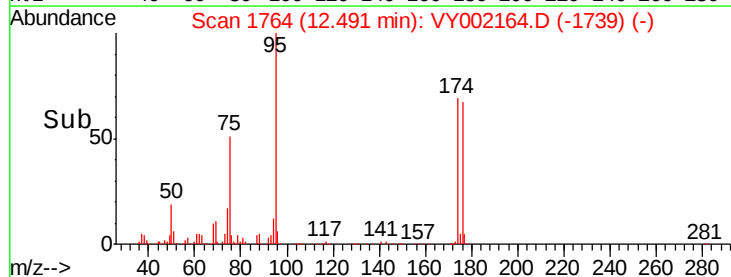
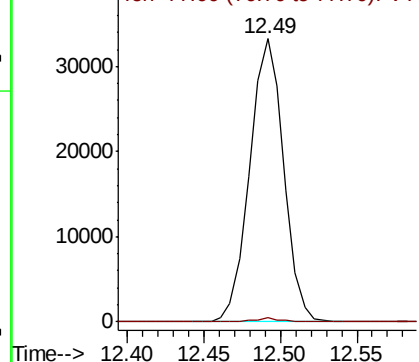
#76

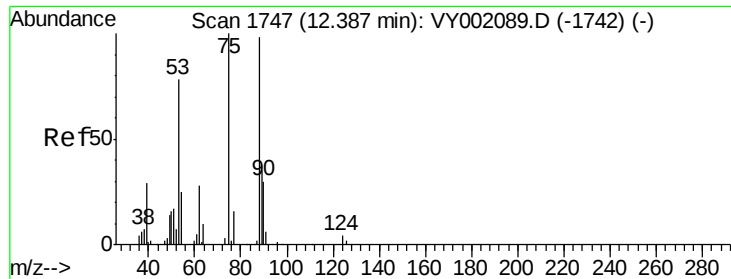
1,2,3-Trichloropropane
Concen: 46.586 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY002164.D
Acq: 01 Apr 2020 15:42

Tgt Ion: 75 Resp: 51193
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: 90.253 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002164.D

Acq: 01 Apr 2020 15:42

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 51193

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.1 33.4 50.0#

