

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001301.D
 Acq On : 20 Jan 2020 17:22
 Operator : SY/MD
 Sample : L1164-03
 Misc : 6.70G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 21 07:03:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 06:54:04 2020
 Response via : Initial Calibration

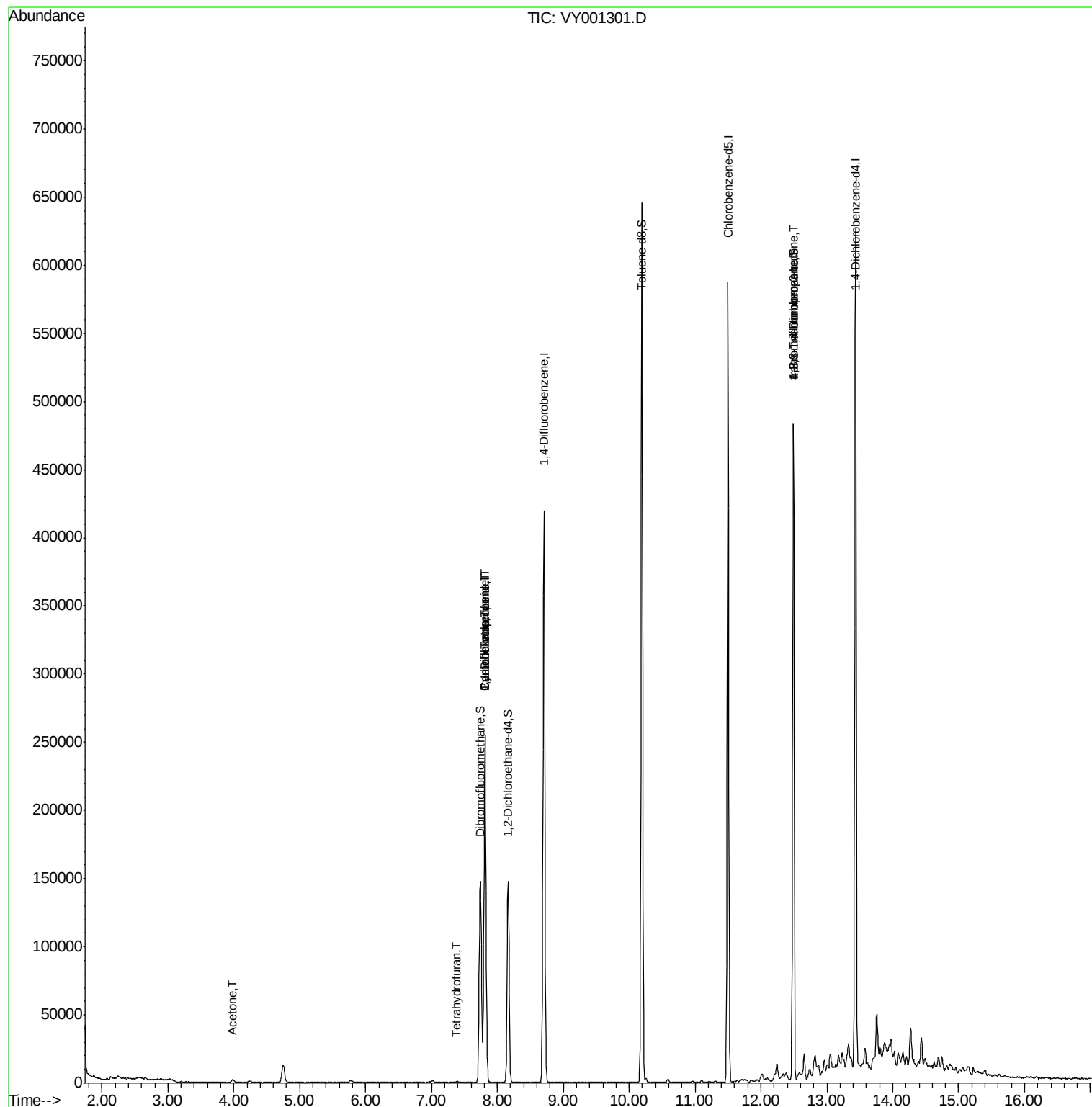
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	195467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	360800	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	326513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	152164	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	111691	54.10	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	108.20%	
35) Dibromofluoromethane	7.74	113	105683	50.03	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	100.06%	
50) Toluene-d8	10.19	98	423149	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.49	95	156154	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
Target Compounds						
16) Acetone	3.98	43	3859	8.049	ug/l #	88
20) Methylene Chloride	4.75	84	9859	Below Cal		97
29) Tetrahydrofuran	7.37	42	593	1.160	ug/l #	53
31) Cyclohexane	7.81	56	4286	1.073	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	15121	4.598	ug/l #	48
38) Carbon Tetrachloride	7.82	117	19393	6.435	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	77987	47.876	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	77987	81.188	ug/l #	6

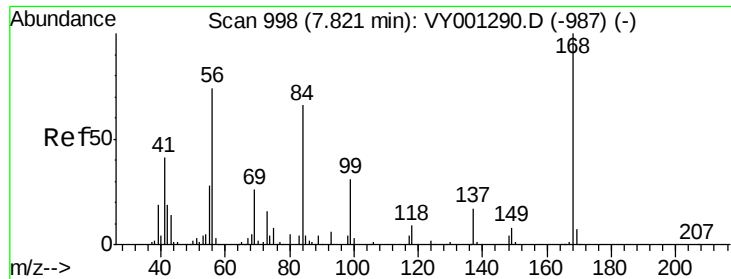
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 21 06:54:04 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: VY001301.D

Acq: 20 Jan 2020 17:22

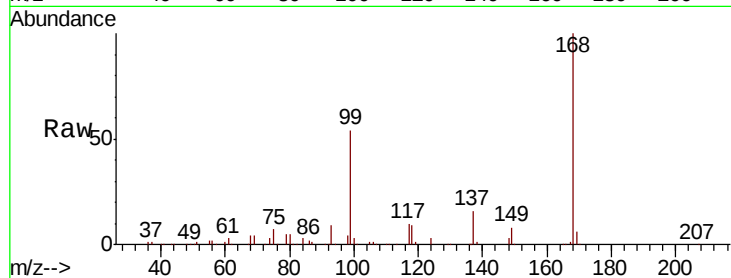
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 195467

Ion Ratio Lower Upper

168 100

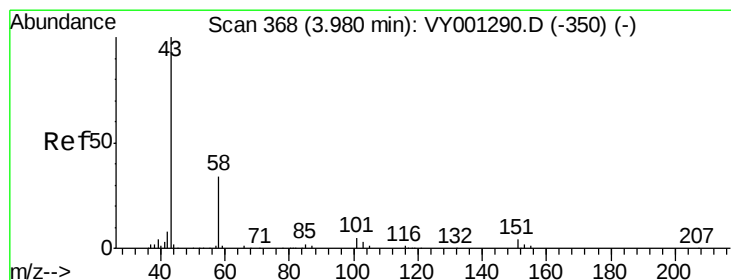
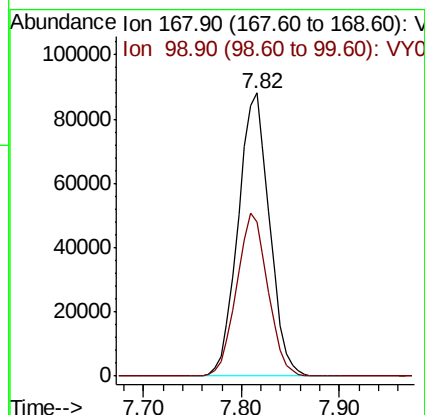
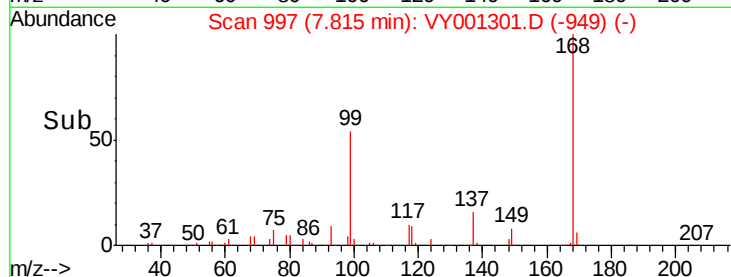
99 54.5 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001290.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001290.D (-987) (-)

7.82



#16

Acetone

Concen: 8.049 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.00 min

Lab File: VY001301.D

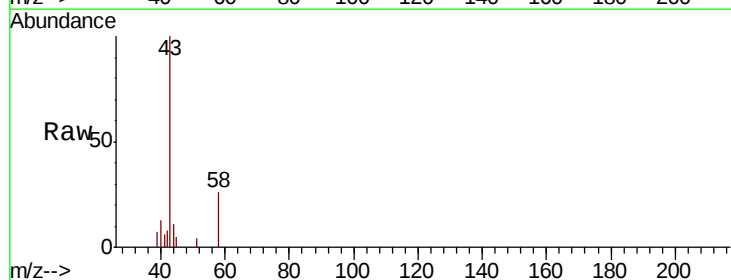
Acq: 20 Jan 2020 17:22

Tgt Ion: 43 Resp: 3859

Ion Ratio Lower Upper

43 100

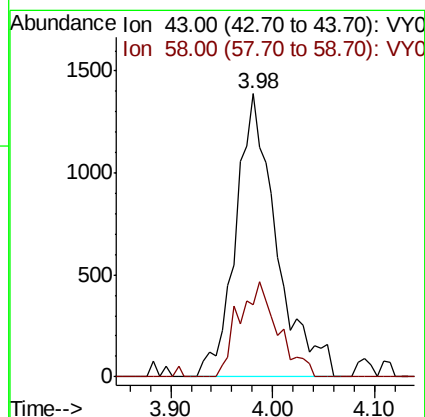
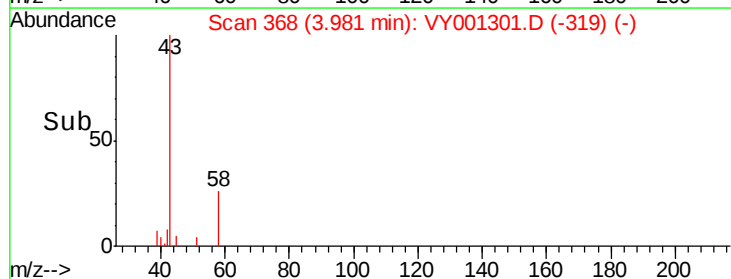
58 25.6 25.8 38.6#

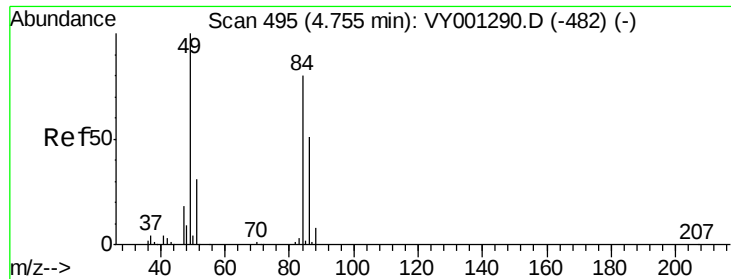


Abundance Ion 43.00 (42.70 to 43.70): VY001290.D (-350) (-)

Ion 58.00 (57.70 to 58.70): VY001290.D (-350) (-)

3.98

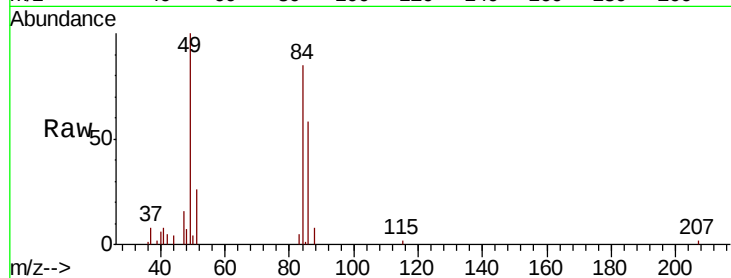




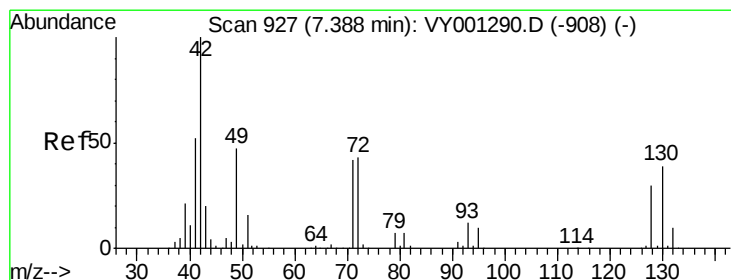
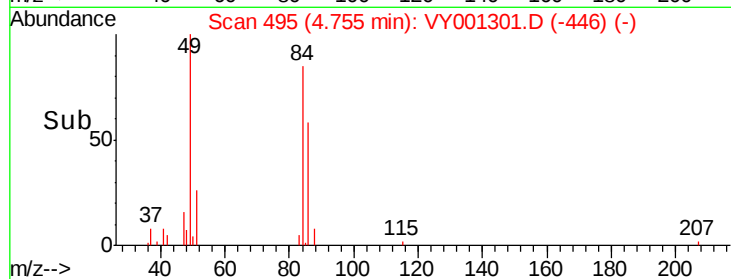
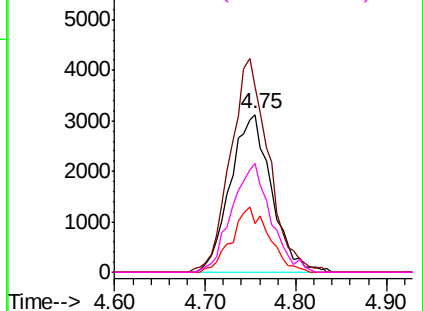
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.75 min Scan# 495
Delta R.T. 0.00 min
Lab File: VY001301.D
Acq: 20 Jan 2020 17:22

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	84	Resp:	9859
Ion	Ratio	Lower	Upper
84	100		
49	117.4	93.8	140.6
51	30.8	29.9	44.9
86	68.5	52.6	78.8

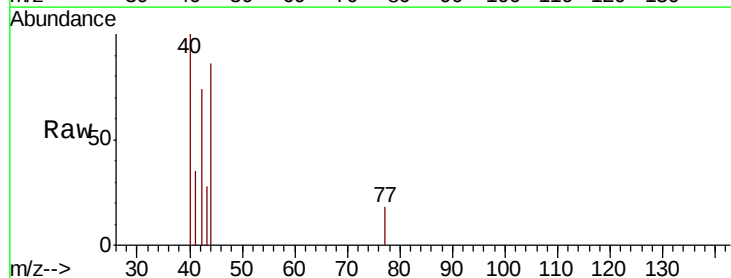


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

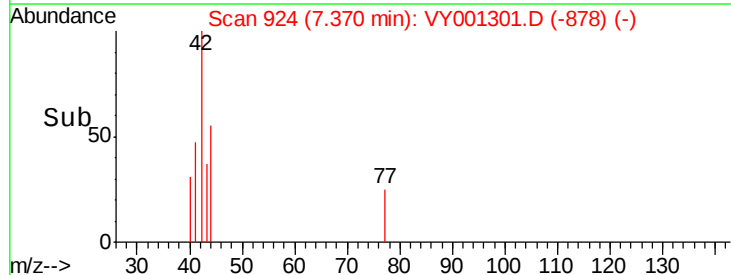
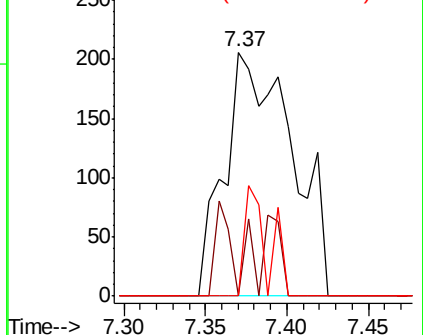


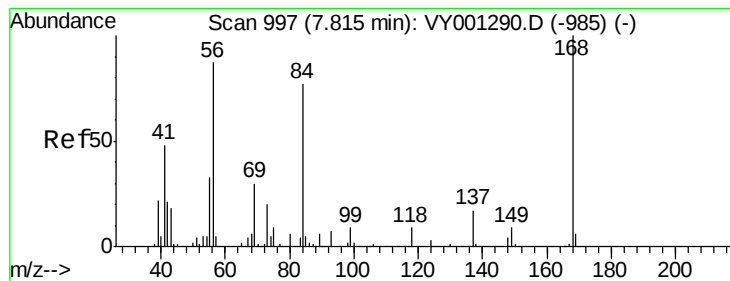
#29
Tetrahydrofuran
Concen: 1.160 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.02 min
Lab File: VY001301.D
Acq: 20 Jan 2020 17:22

Tgt Ion:	42	Resp:	593
Ion	Ratio	Lower	Upper
42	100		
72	12.1	36.9	55.3#
71	15.2	34.0	51.0#



Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0





#31

Cyclohexane

Concen: 1.073 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001301.D

Acq: 20 Jan 2020 17:22

Instrument :

MSVOA_Y

ClientSampleId :

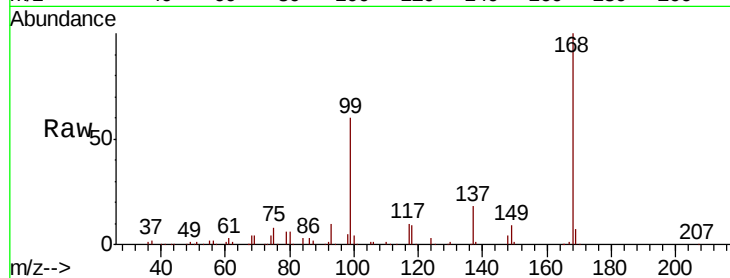
Tot Ion: 56 Resp: 4286

Ion Ratio Lower Upper

56 100

69 168.7 27.8 41.8#

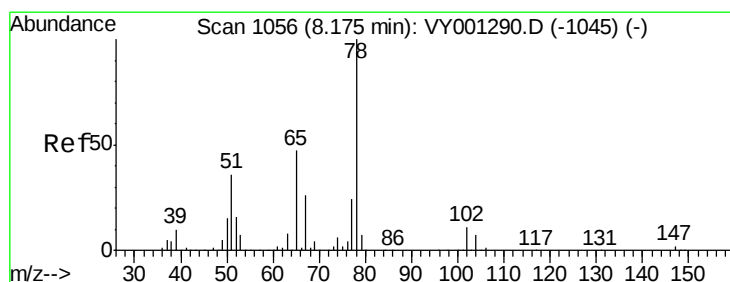
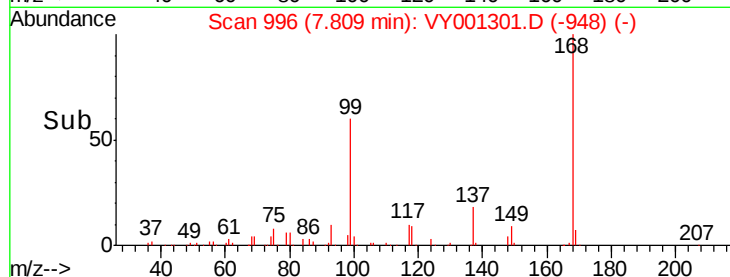
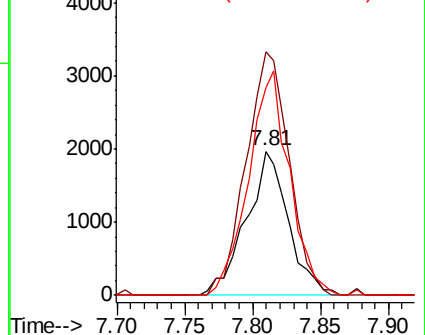
84 144.1 68.9 103.3#



Abundance Ion 56.00 (55.70 to 56.70): VY001290.D (-985) (-)

Ion 69.00 (68.70 to 69.70): VY001290.D (-985) (-)

Ion 84.00 (83.70 to 84.70): VY001290.D (-985) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.101 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001301.D

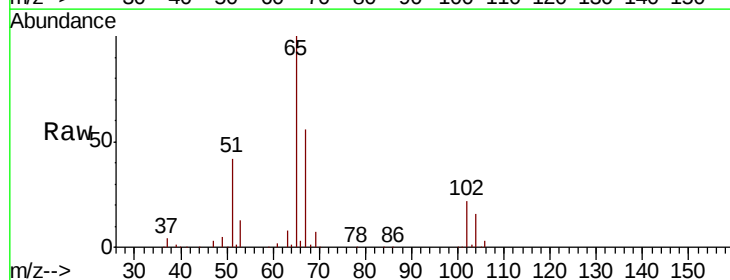
Acq: 20 Jan 2020 17:22

Tgt Ion: 65 Resp: 111691

Ion Ratio Lower Upper

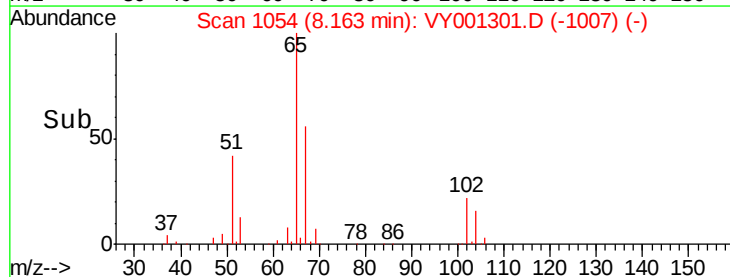
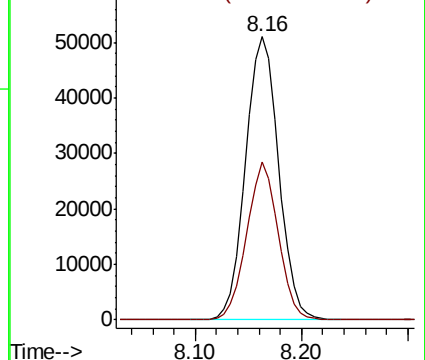
65 100

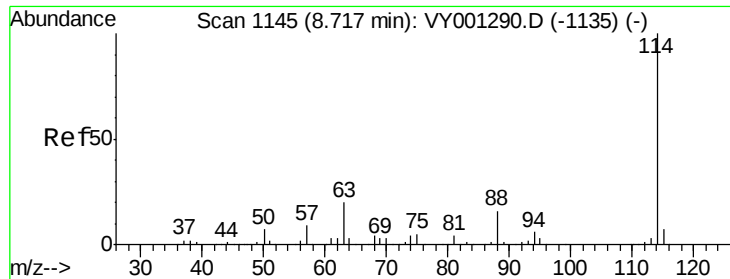
67 53.2 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY001290.D (-1045) (-)

Ion 66.90 (66.60 to 67.60): VY001290.D (-1045) (-)

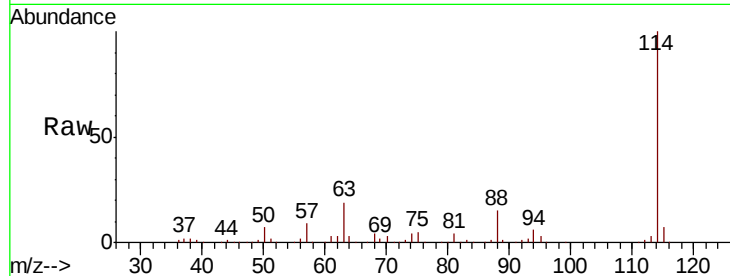




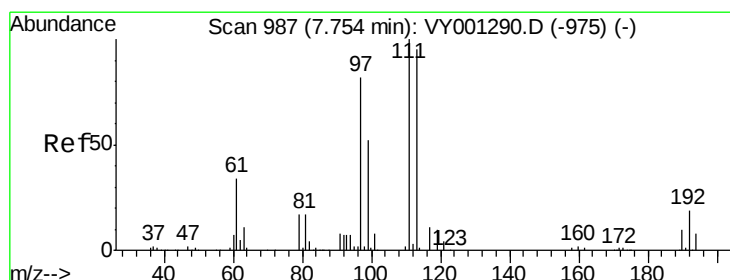
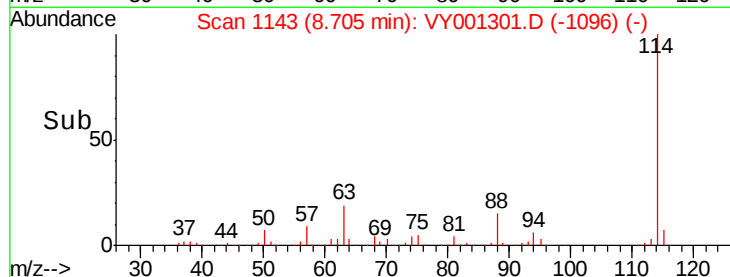
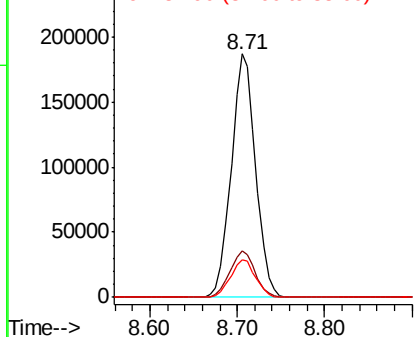
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VY001301.D
Acq: 20 Jan 2020 17:22

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:114 Resp: 360800
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.8
88 15.4 0.0 32.4

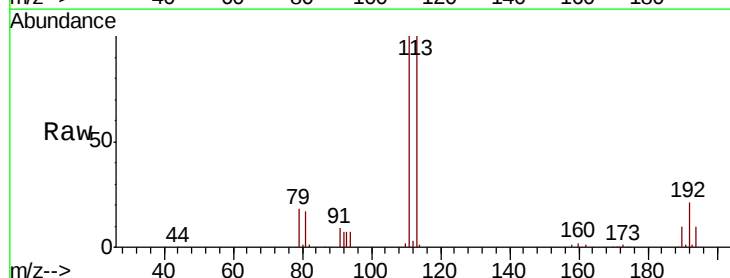


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

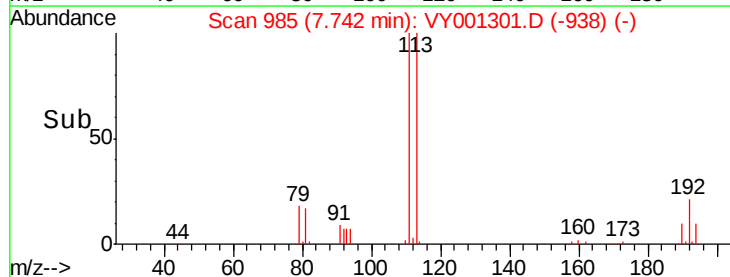
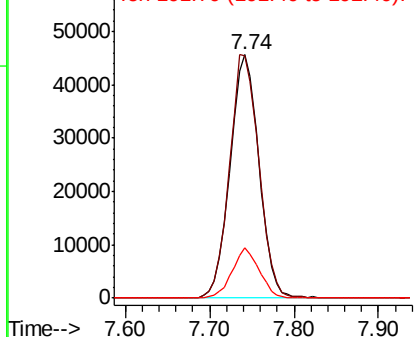


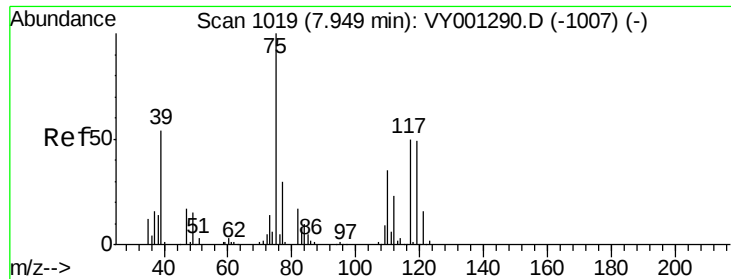
#35
Dibromofluoromethane
Concen: 50.028 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001301.D
Acq: 20 Jan 2020 17:22

Tgt Ion:113 Resp: 105683
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 19.3 15.4 23.2



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

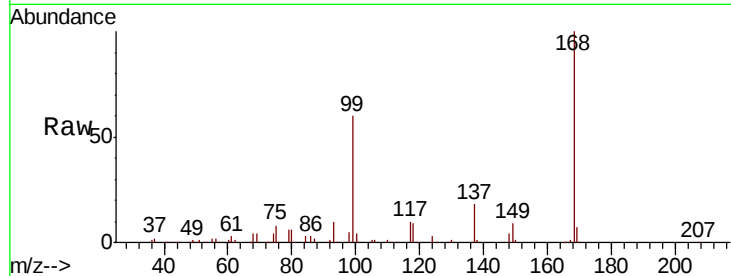




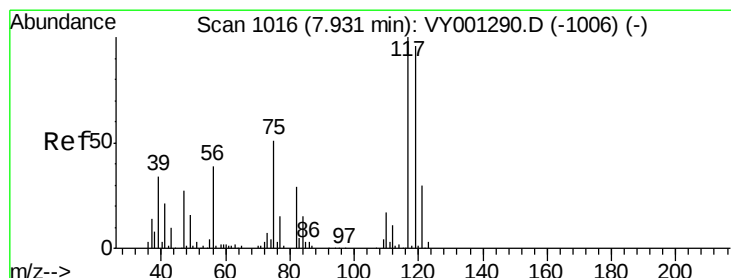
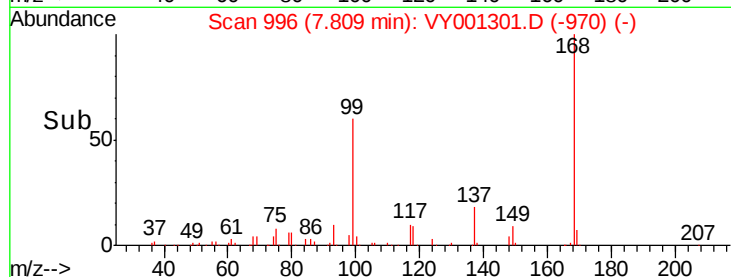
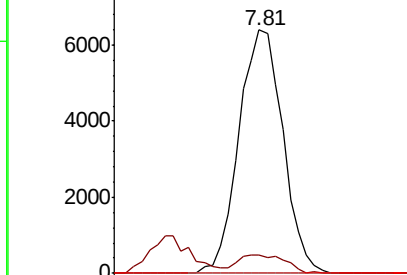
#36
 1,1-Dichloropropene
 Concen: 4.598 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.14 min
 Lab File: VY001301.D
 Acq: 20 Jan 2020 17:22

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.3	54.8#
77	0.0	25.1	37.7#

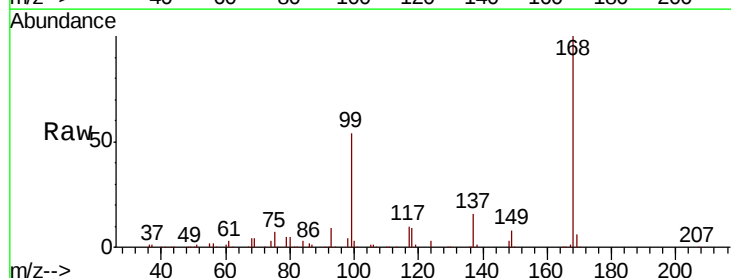


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0

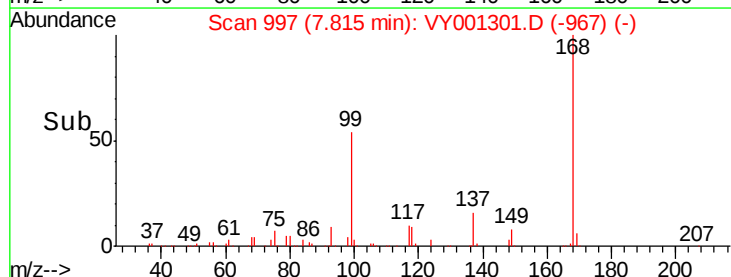
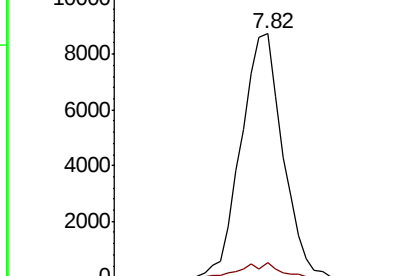


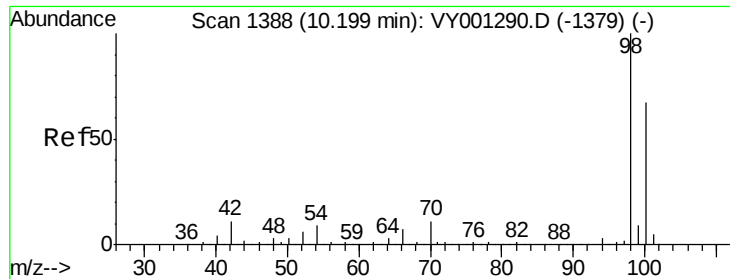
#38
 Carbon Tetrachloride
 Concen: 6.435 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY001301.D
 Acq: 20 Jan 2020 17:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	78.3	117.5#
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: 51.986 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VY001301.D

Acq: 20 Jan 2020 17:22

Instrument :

MSVOA_Y

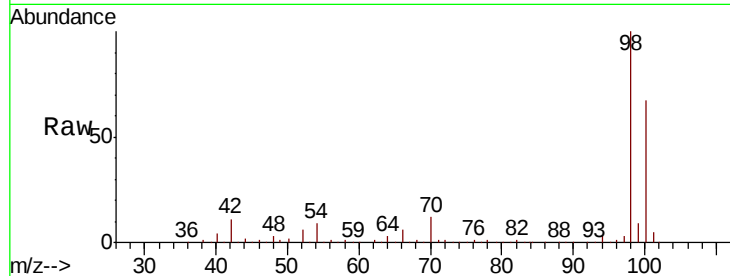
ClientSampled :

Tot Ion: 98 Resp: 423149

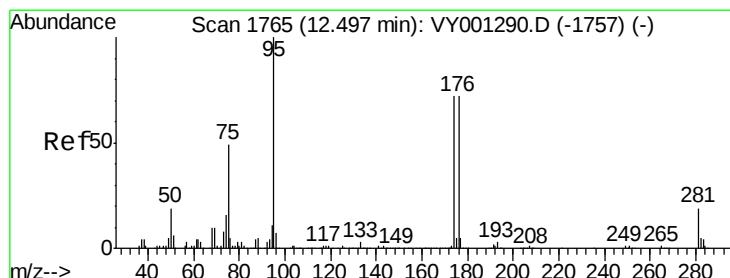
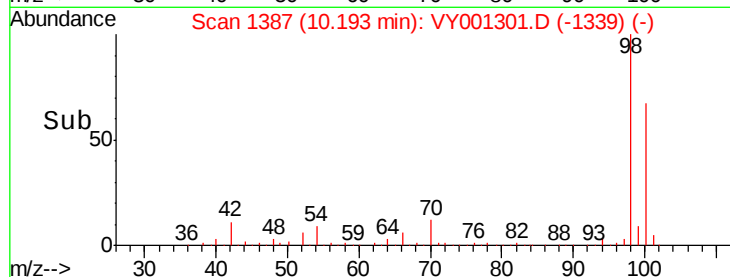
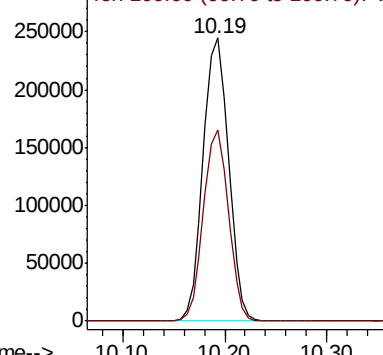
Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY001290.D (-1379) (-)



#62

4-Bromofluorobenzene

Concen: 46.925 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.01 min

Lab File: VY001301.D

Acq: 20 Jan 2020 17:22

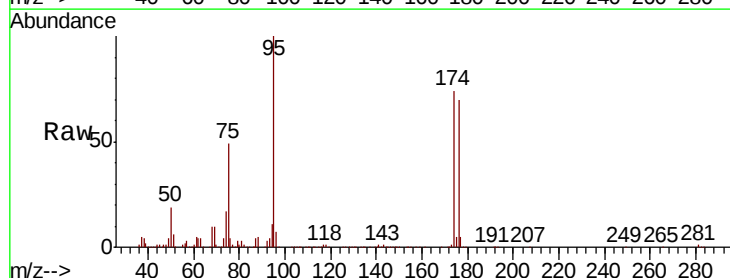
Tgt Ion: 95 Resp: 156154

Ion Ratio Lower Upper

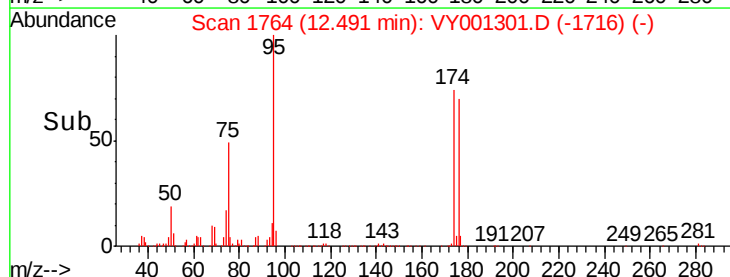
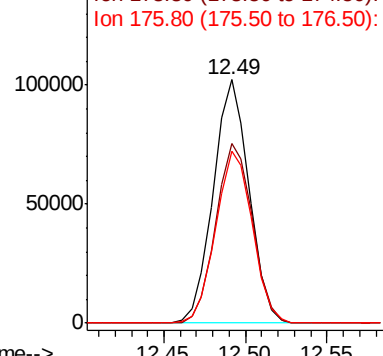
95 100

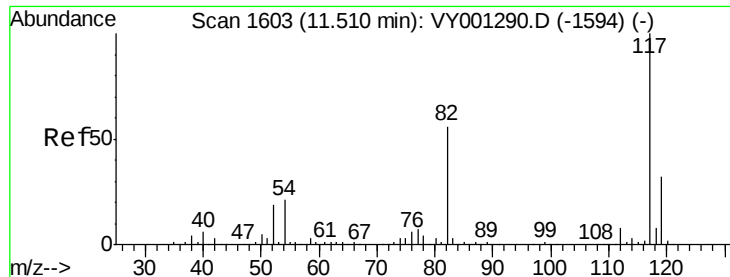
174 75.8 0.0 143.2

176 72.3 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY001290.D (-1757) (-)

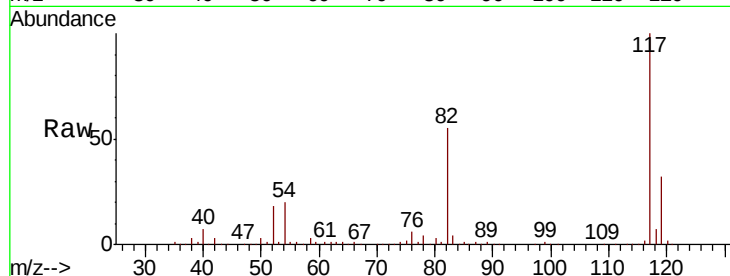




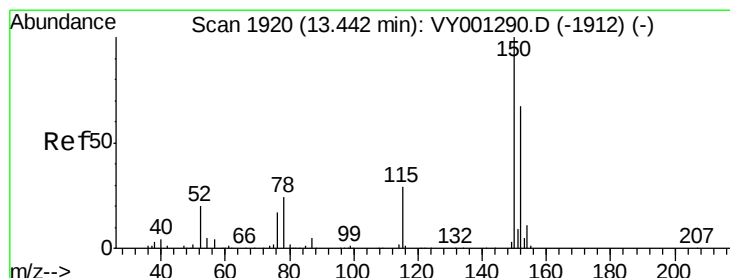
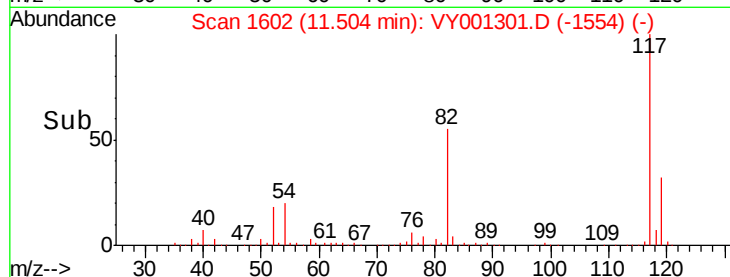
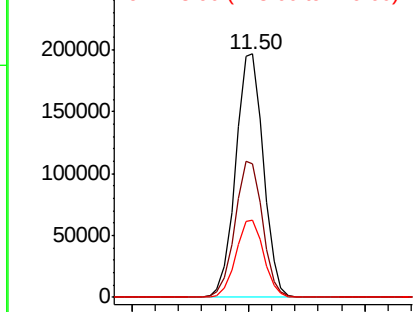
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VY001301.D
Acq: 20 Jan 2020 17:22

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 326513
Ion Ratio Lower Upper
117 100
82 55.1 44.9 67.3
119 31.9 25.7 38.5

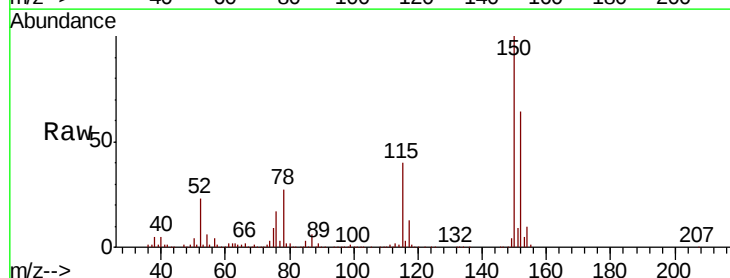


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

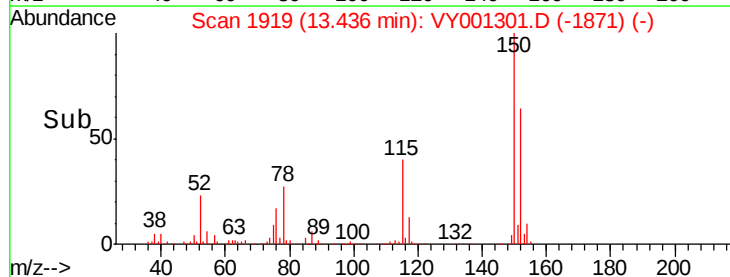
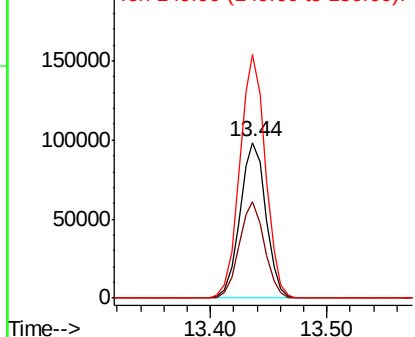


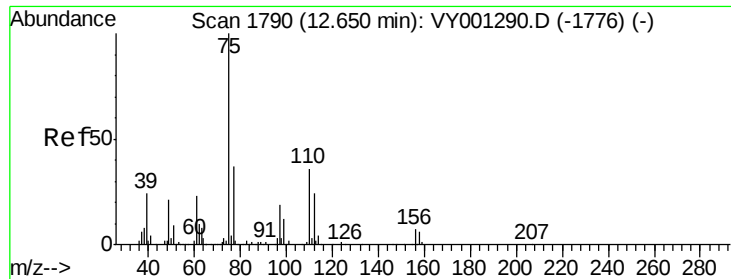
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VY001301.D
Acq: 20 Jan 2020 17:22

Tgt Ion:152 Resp: 152164
Ion Ratio Lower Upper
152 100
115 60.5 30.9 92.5
150 154.9 0.0 346.8



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: 47.876 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.16 min

Lab File: VY001301.D

Acq: 20 Jan 2020 17:22

Instrument :

MSVOA_Y

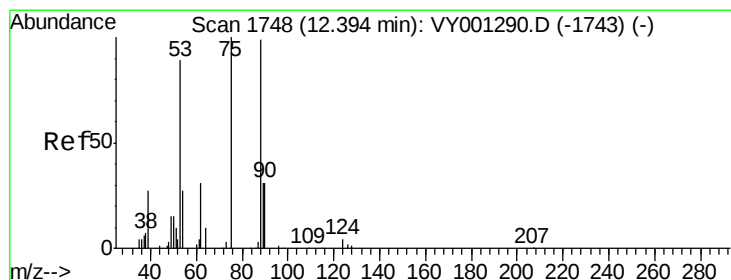
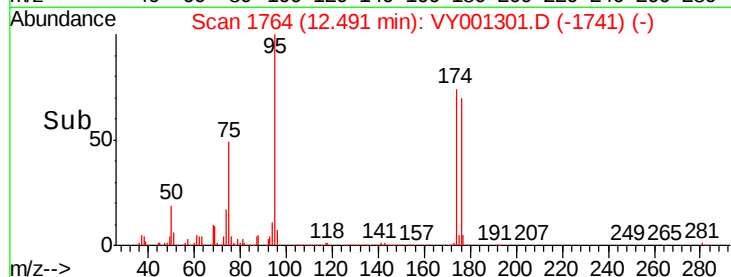
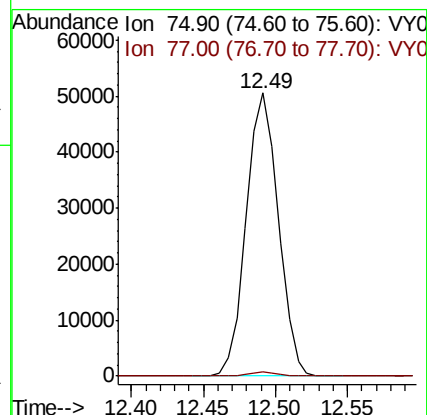
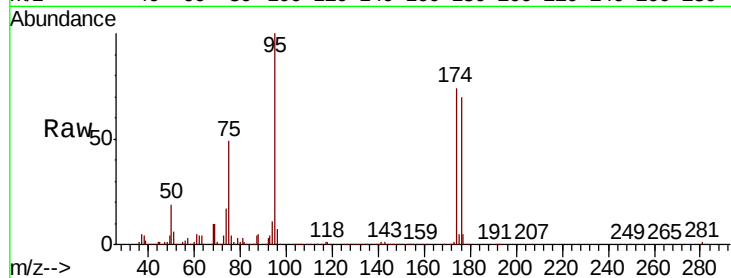
ClientSampleId :

Tot Ion: 75 Resp: 77987

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 81.188 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001301.D

Acq: 20 Jan 2020 17:22

Tgt Ion: 75 Resp: 77987

Ion Ratio Lower Upper

75 100

53 0.1 69.4 104.2#

89 0.0 0.0 0.0

