

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021220\
 Data File : VY001616.D
 Acq On : 12 Feb 2020 17:35
 Operator : SY/MD
 Sample : VIAL TEST-01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 13 07:46:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

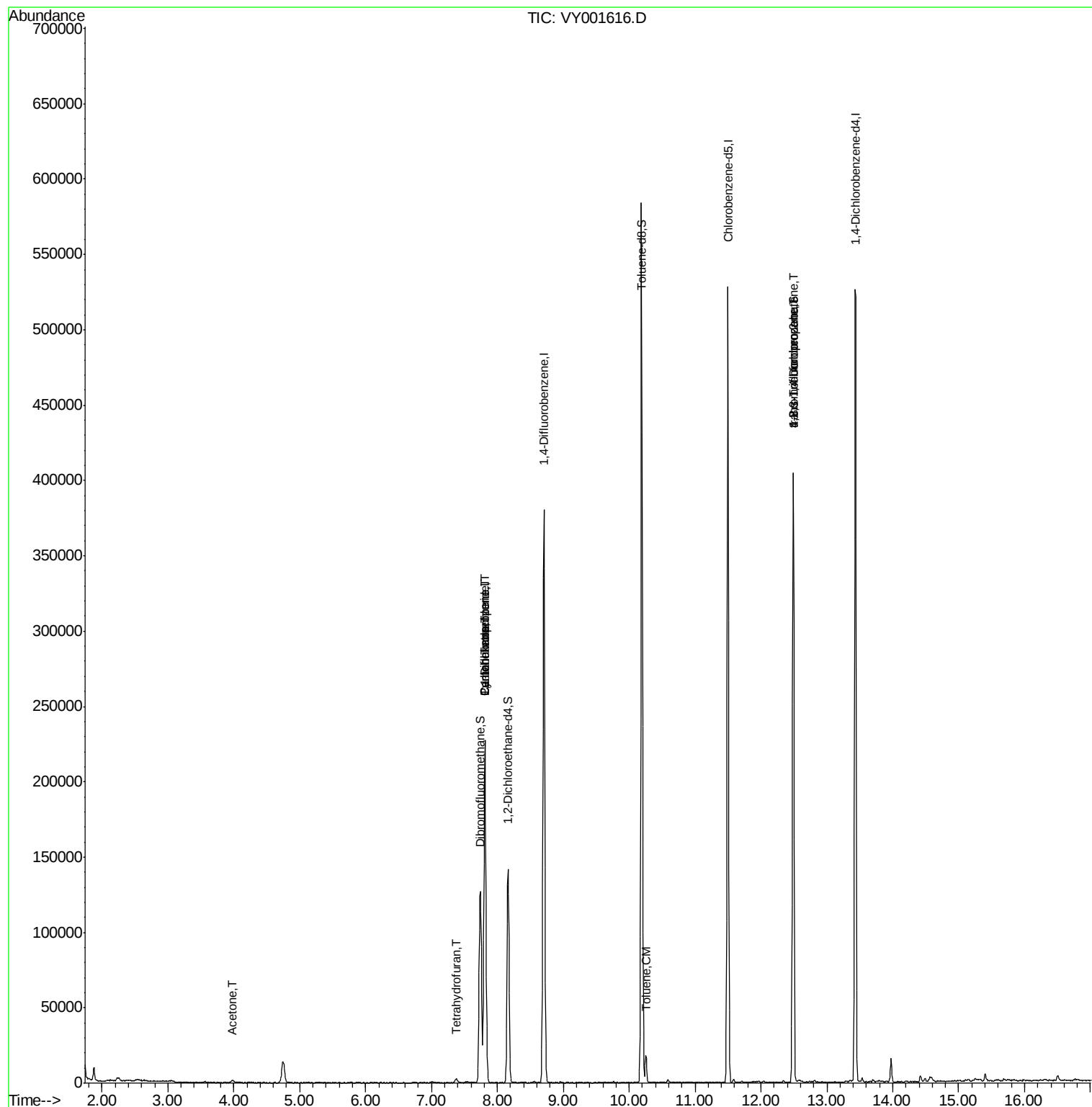
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	172999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	319397	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	284168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	128874	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	106859	61.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.70%	
35) Dibromofluoromethane	7.74	113	93004	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
50) Toluene-d8	10.19	98	381690	54.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.56%	
62) 4-Bromofluorobenzene	12.49	95	132232	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
Target Compounds						
					Qvalue	
16) Acetone	3.99	43	2931	5.817	ug/l	93
29) Tetrahydrofuran	7.38	42	2238	5.712	ug/l #	76
31) Cyclohexane	7.80	56	3754	1.107	ug/l #	5
36) 1,1-Dichloropropene	7.81	75	14251	4.877	ug/l #	49
38) Carbon Tetrachloride	7.81	117	16841	5.957	ug/l #	16
52) Toluene	10.25	92	7654	1.447	ug/l	96
76) 1,2,3-Trichloropropane	12.49	75	67388	48.623	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	67388	94.084	ug/l #	16

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001616.D

Acq: 12 Feb 2020 17:35

Instrument :

MSVOA_Y

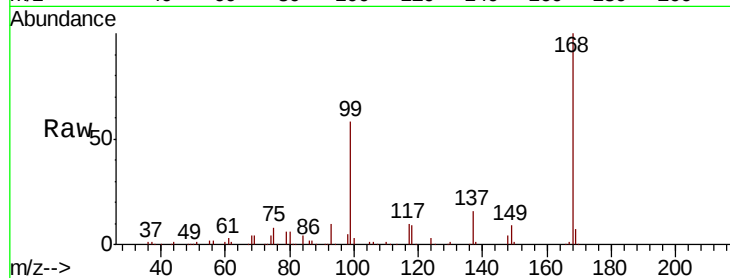
ClientSampleId :

Tot Ion:168 Resp: 172999

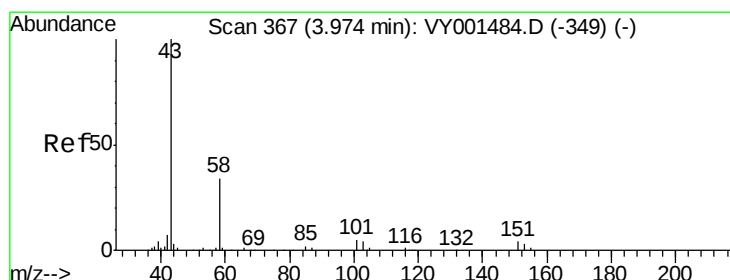
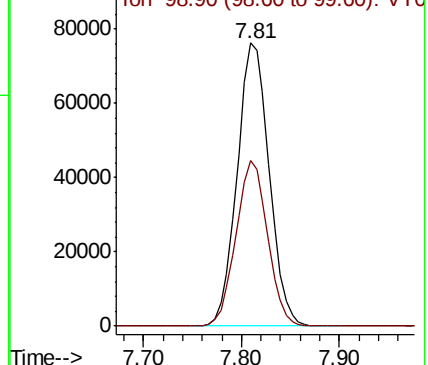
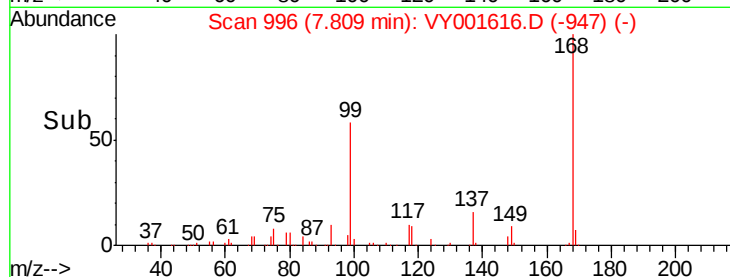
Ion Ratio Lower Upper

168 100

99 58.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001616.D (-947) (-)



#16

Acetone

Concen: 5.817 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001616.D

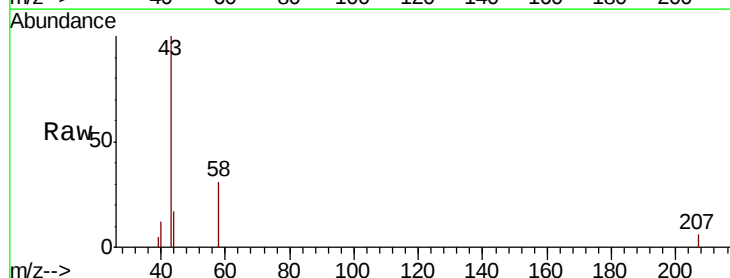
Acq: 12 Feb 2020 17:35

Tgt Ion: 43 Resp: 2931

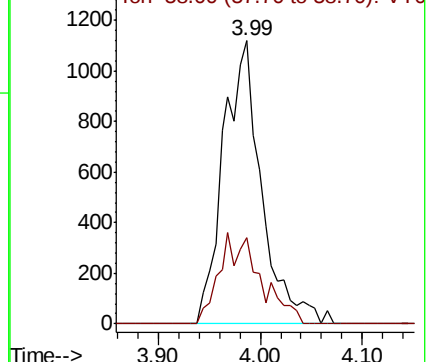
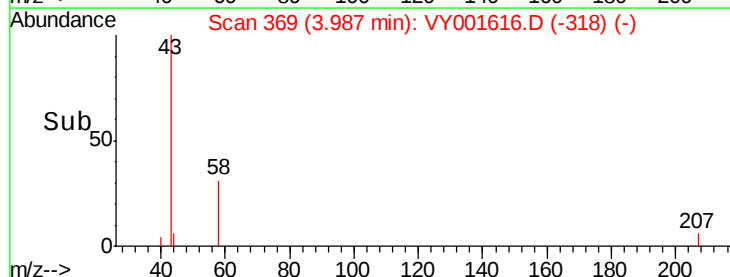
Ion Ratio Lower Upper

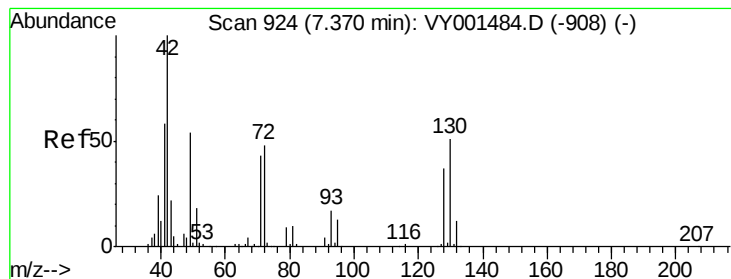
43 100

58 30.6 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY001616.D (-318) (-)





#29

Tetrahydrofuran

Concen: 5.712 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.01 min

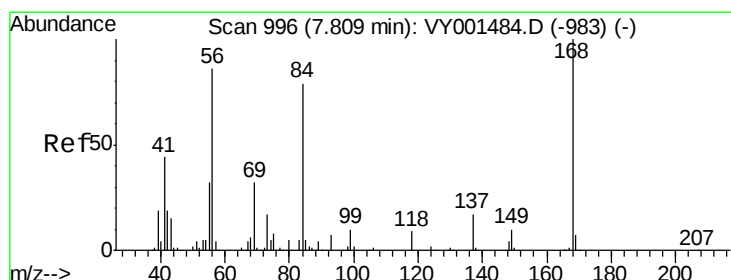
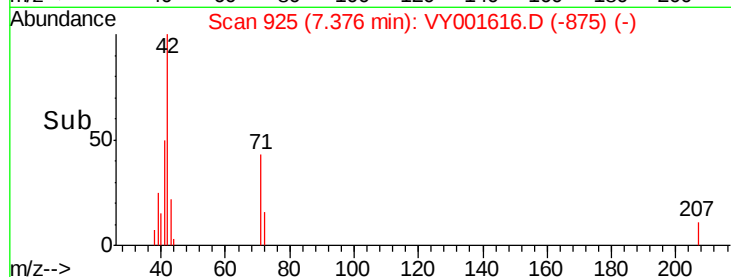
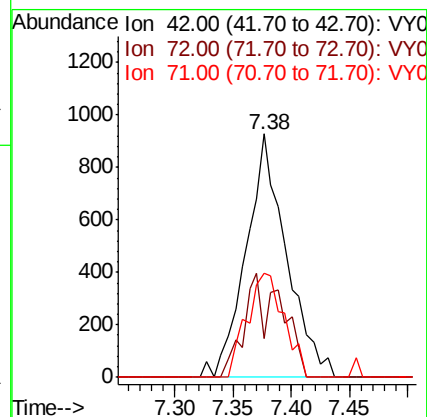
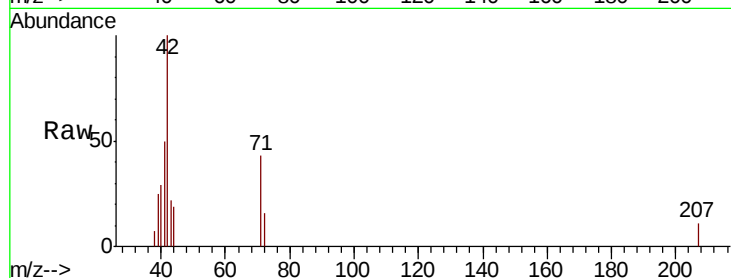
Lab File: VY001616.D

Acq: 12 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 2238

Ion	Ratio	Lower	Upper
42	100		
72	19.7	37.8	56.6#
71	39.5	34.8	52.2



#31

Cyclohexane

Concen: 1.107 ug/l

RT: 7.80 min Scan# 995

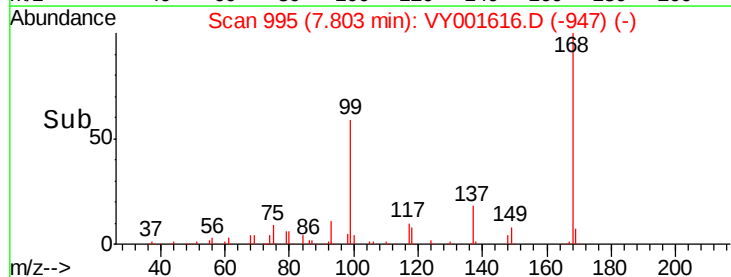
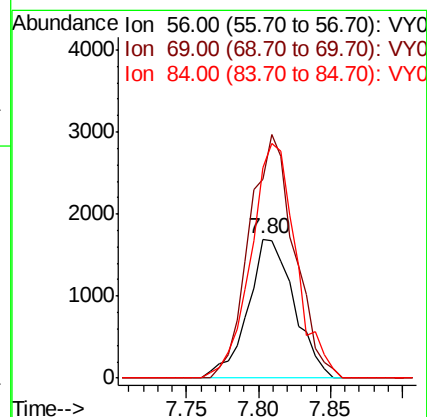
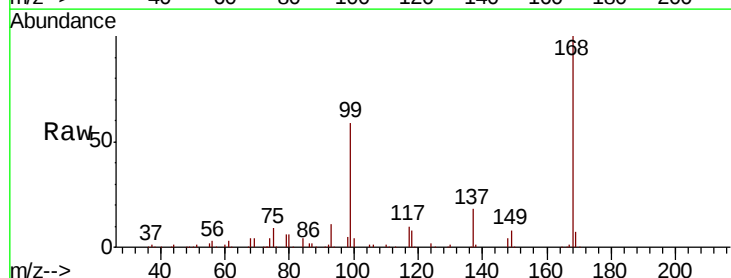
Delta R.T. -0.01 min

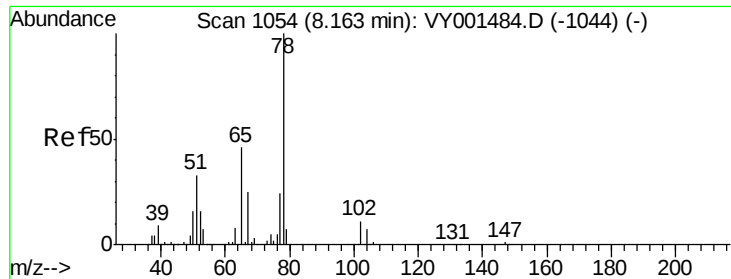
Lab File: VY001616.D

Acq: 12 Feb 2020 17:35

Tgt Ion: 56 Resp: 3754

Ion	Ratio	Lower	Upper
56	100		
69	142.8	29.6	44.4#
84	151.3	73.6	110.4#

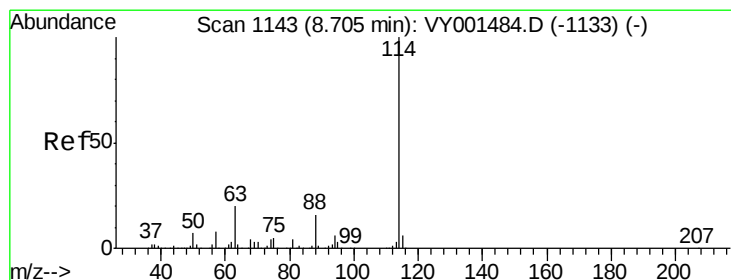
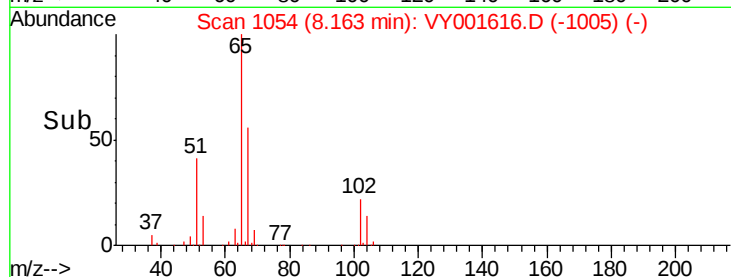
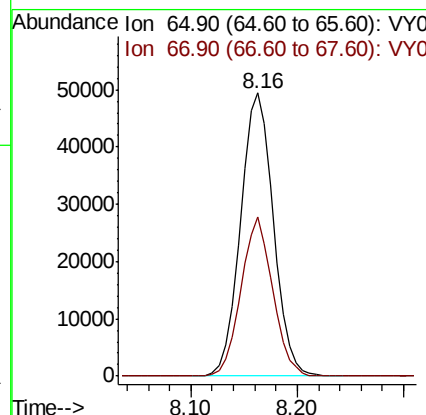
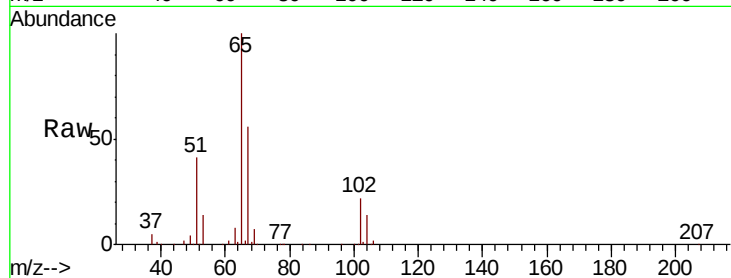




#33
 1,2-Dichloroethane-d4
 Concen: 61.348 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY001616.D
 Acq: 12 Feb 2020 17:35

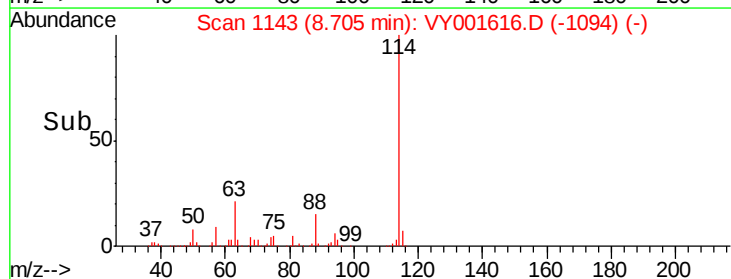
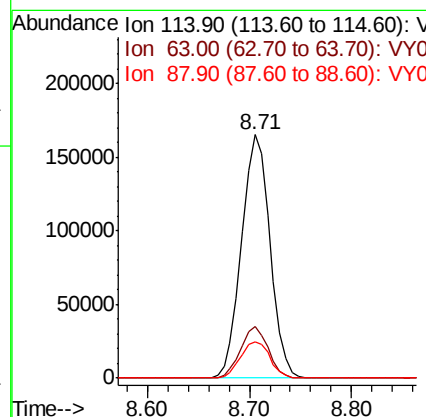
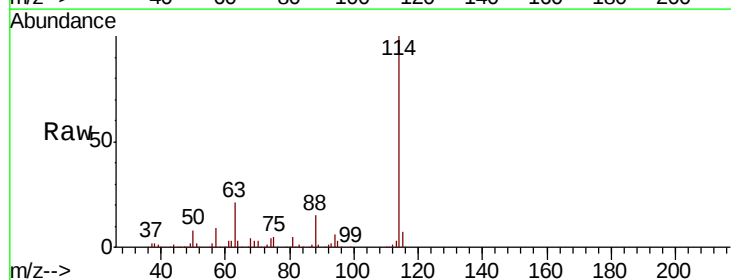
Instrument :
 MSVOA_Y
 ClientSampled :

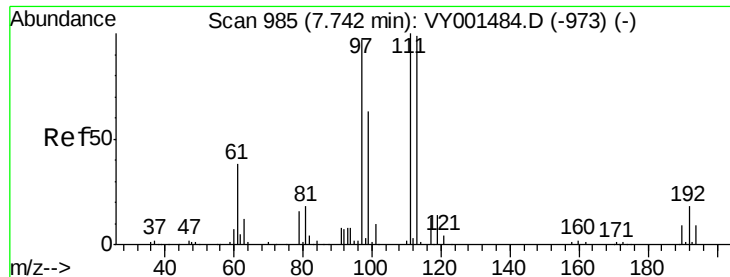
Tot Ion: 65 Resp: 106859
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY001616.D
 Acq: 12 Feb 2020 17:35

Tgt Ion: 114 Resp: 319397
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 39.8
 88 15.0 0.0 32.6

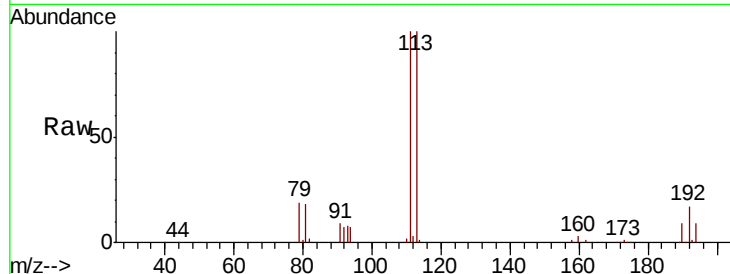




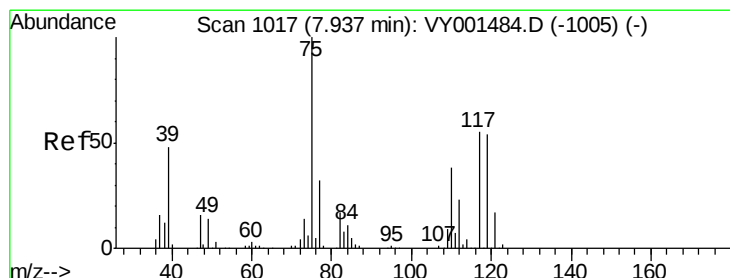
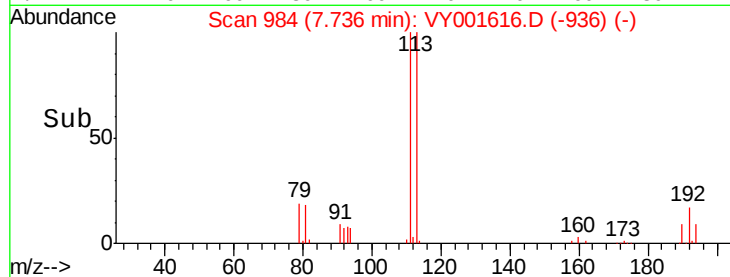
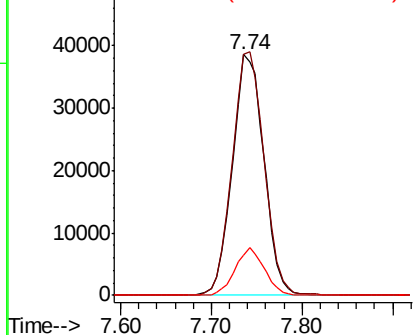
#35
 Dibromofluoromethane
 Concen: 50.496 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001616.D
 Acq: 12 Feb 2020 17:35

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 93004
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.9 124.3
 192 18.5 14.6 22.0

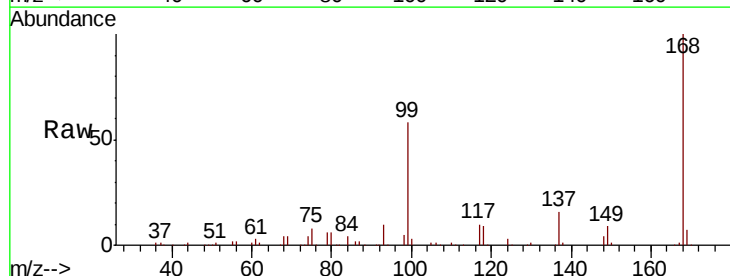


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

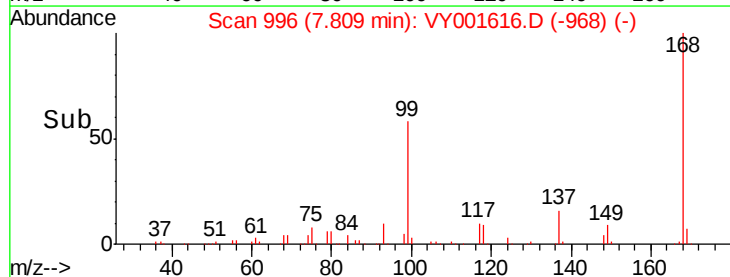
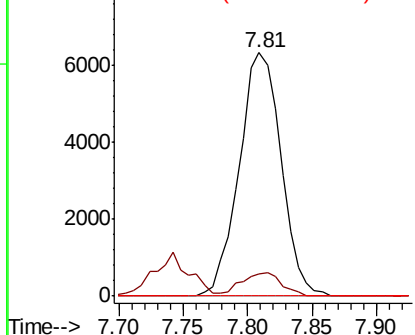


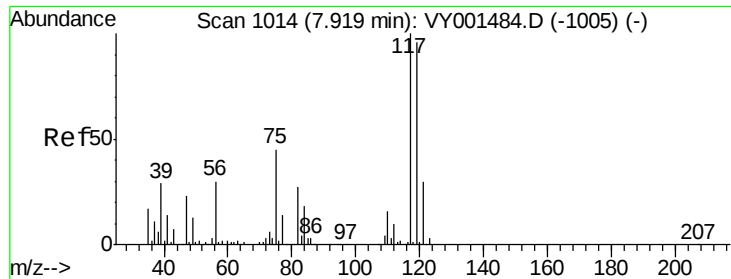
#36
 1,1-Dichloropropene
 Concen: 4.877 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY001616.D
 Acq: 12 Feb 2020 17:35

Tgt Ion: 75 Resp: 14251
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.2 54.6#
 77 0.0 25.0 37.4#



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: 5.957 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.11 min

Lab File: VY001616.D

Acq: 12 Feb 2020 17:35

Instrument :

MSVOA_Y

ClientSampleId :

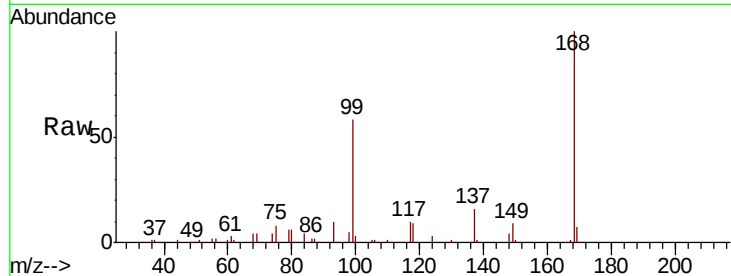
Tot Ion:117 Resp: 16841

Ion Ratio Lower Upper

117 100

119 5.0 76.4 114.6#

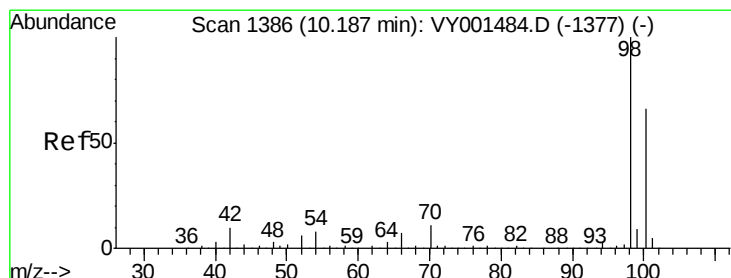
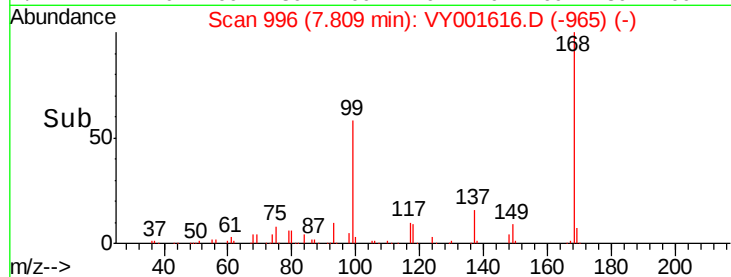
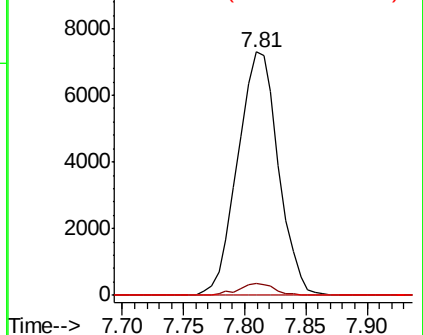
121 0.0 24.2 36.4#



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: 54.775 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY001616.D

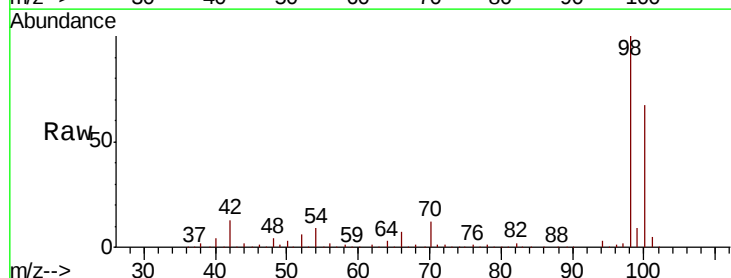
Acq: 12 Feb 2020 17:35

Tgt Ion: 98 Resp: 381690

Ion Ratio Lower Upper

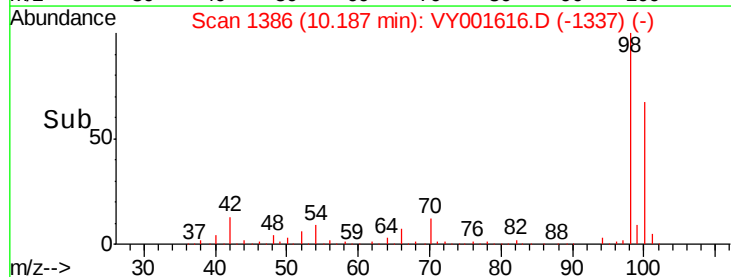
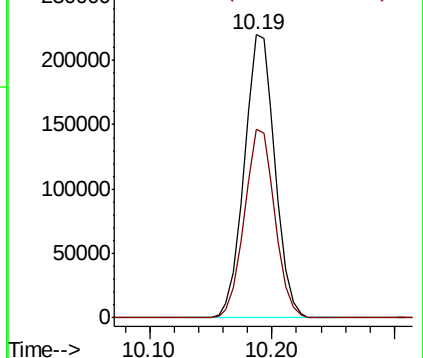
98 100

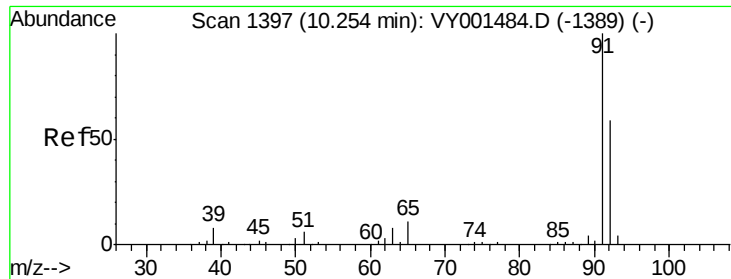
100 66.1 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#52

Toluene

Concen: 1.447 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VY001616.D

Acq: 12 Feb 2020 17:35

Instrument :

MSVOA_Y

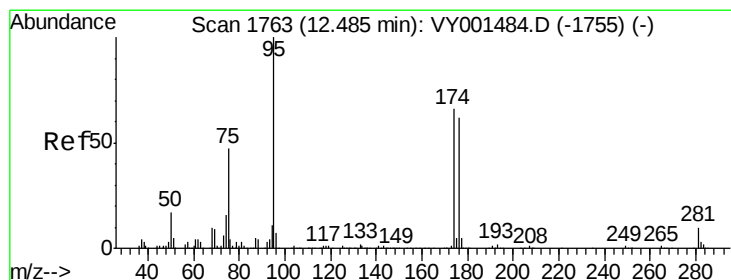
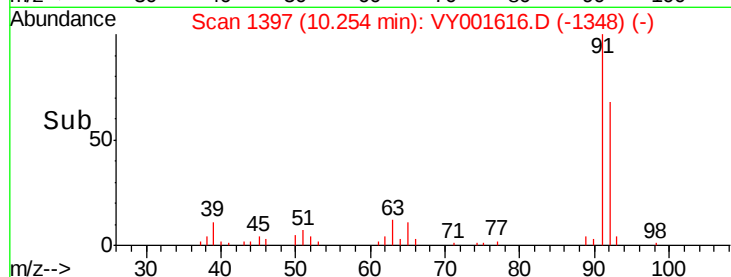
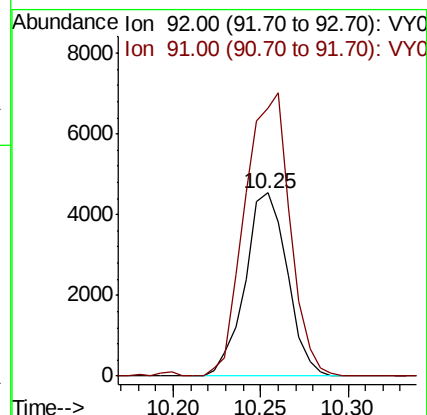
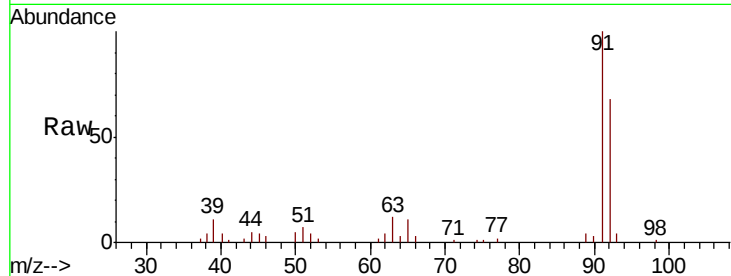
ClientSampleId :

Tot Ion: 92 Resp: 7654

Ion Ratio Lower Upper

92 100

91 165.7 136.6 204.8



#62

4-Bromofluorobenzene

Concen: 48.170 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001616.D

Acq: 12 Feb 2020 17:35

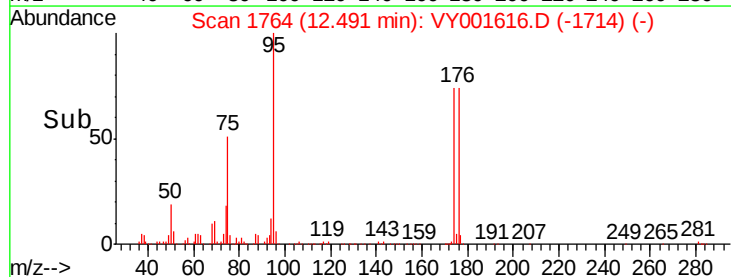
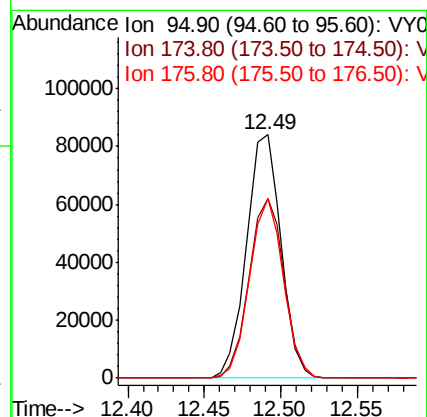
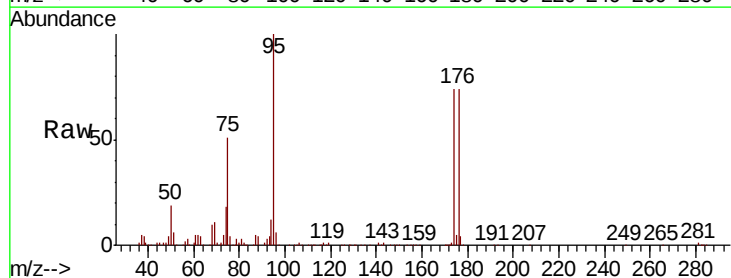
Tgt Ion: 95 Resp: 132232

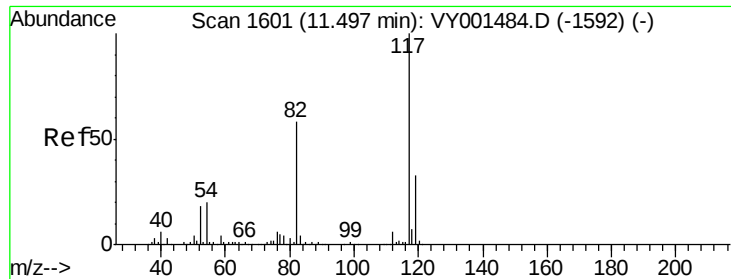
Ion Ratio Lower Upper

95 100

174 74.6 0.0 141.4

176 72.1 0.0 135.4

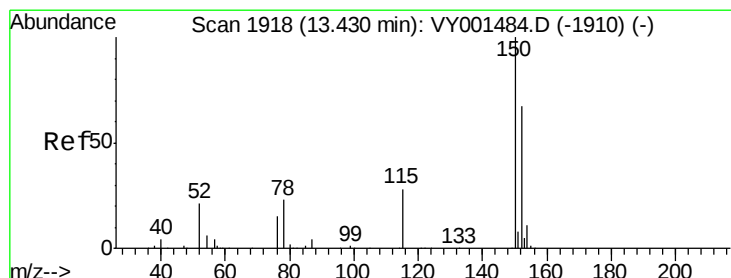
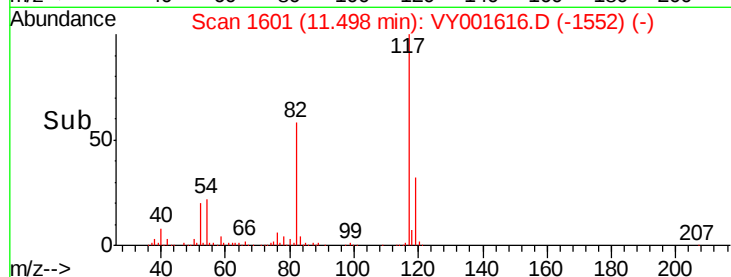
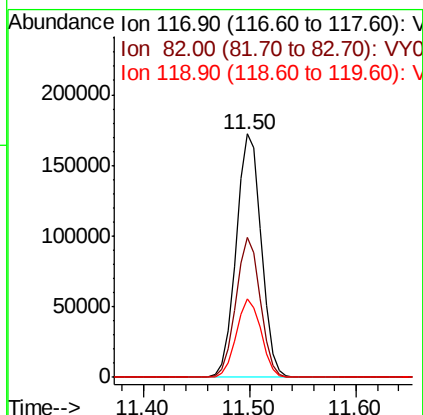
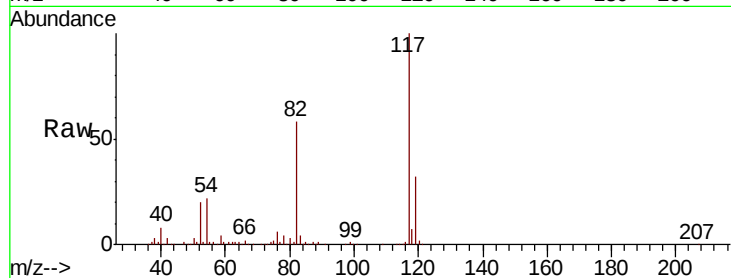




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001616.D
Acq: 12 Feb 2020 17:35

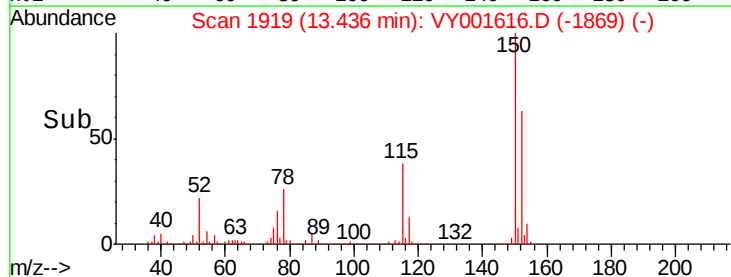
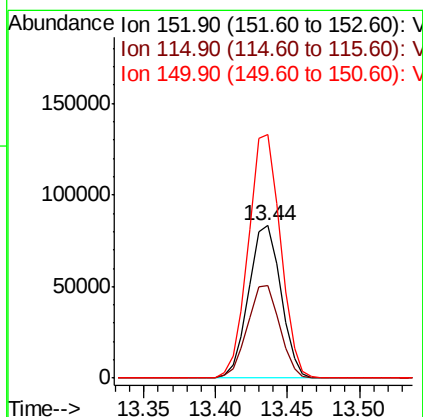
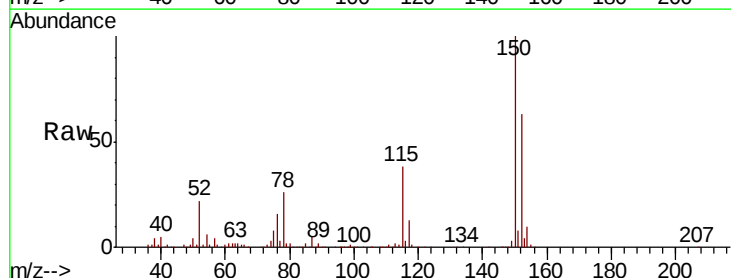
Instrument :
MSVOA_Y
ClientSampleId :

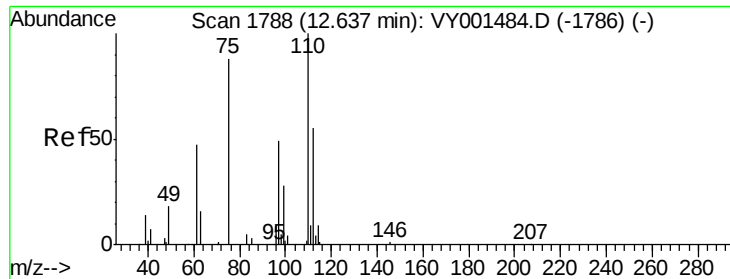
Tot Ion:117 Resp: 284168
Ion Ratio Lower Upper
117 100
82 57.5 46.1 69.1
119 32.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001616.D
Acq: 12 Feb 2020 17:35

Tgt Ion:152 Resp: 128874
Ion Ratio Lower Upper
152 100
115 61.1 31.4 94.3
150 159.1 0.0 346.8





#76

1,2,3-Trichloropropane

Concen: 48.623 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001616.D

Acq: 12 Feb 2020 17:35

Instrument :

MSVOA_Y

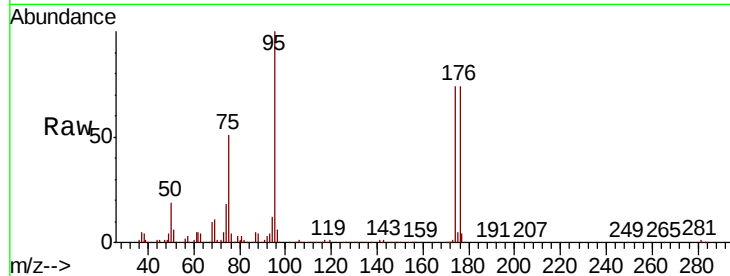
ClientSampleId :

Tot Ion: 75 Resp: 67388

Ion Ratio Lower Upper

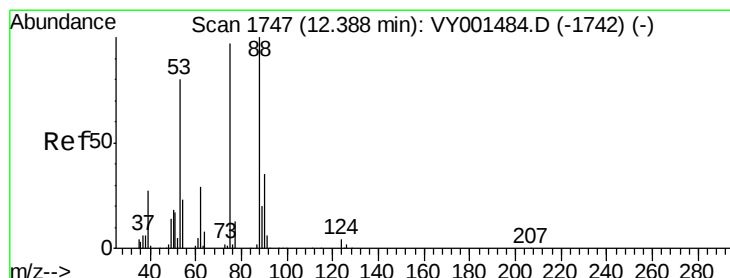
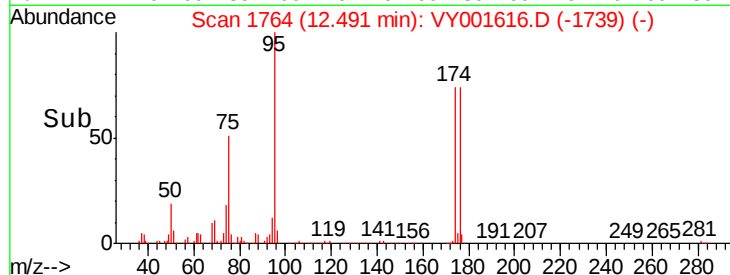
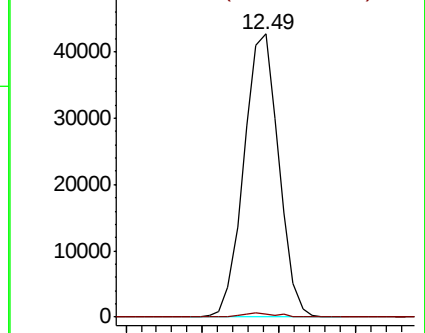
75 100

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: 94.084 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001616.D

Acq: 12 Feb 2020 17:35

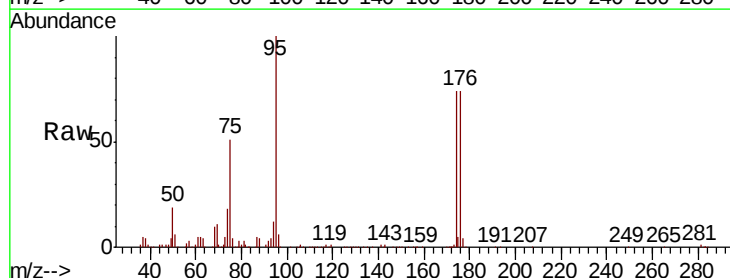
Tgt Ion: 75 Resp: 67388

Ion Ratio Lower Upper

75 100

53 0.0 67.7 101.5#

89 0.0 34.6 52.0#



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

