

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001556.D
 Acq On : 07 Feb 2020 16:03
 Operator : SY/MD
 Sample : L1421-01RE
 Misc : 4.88G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 08 01:26:53 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

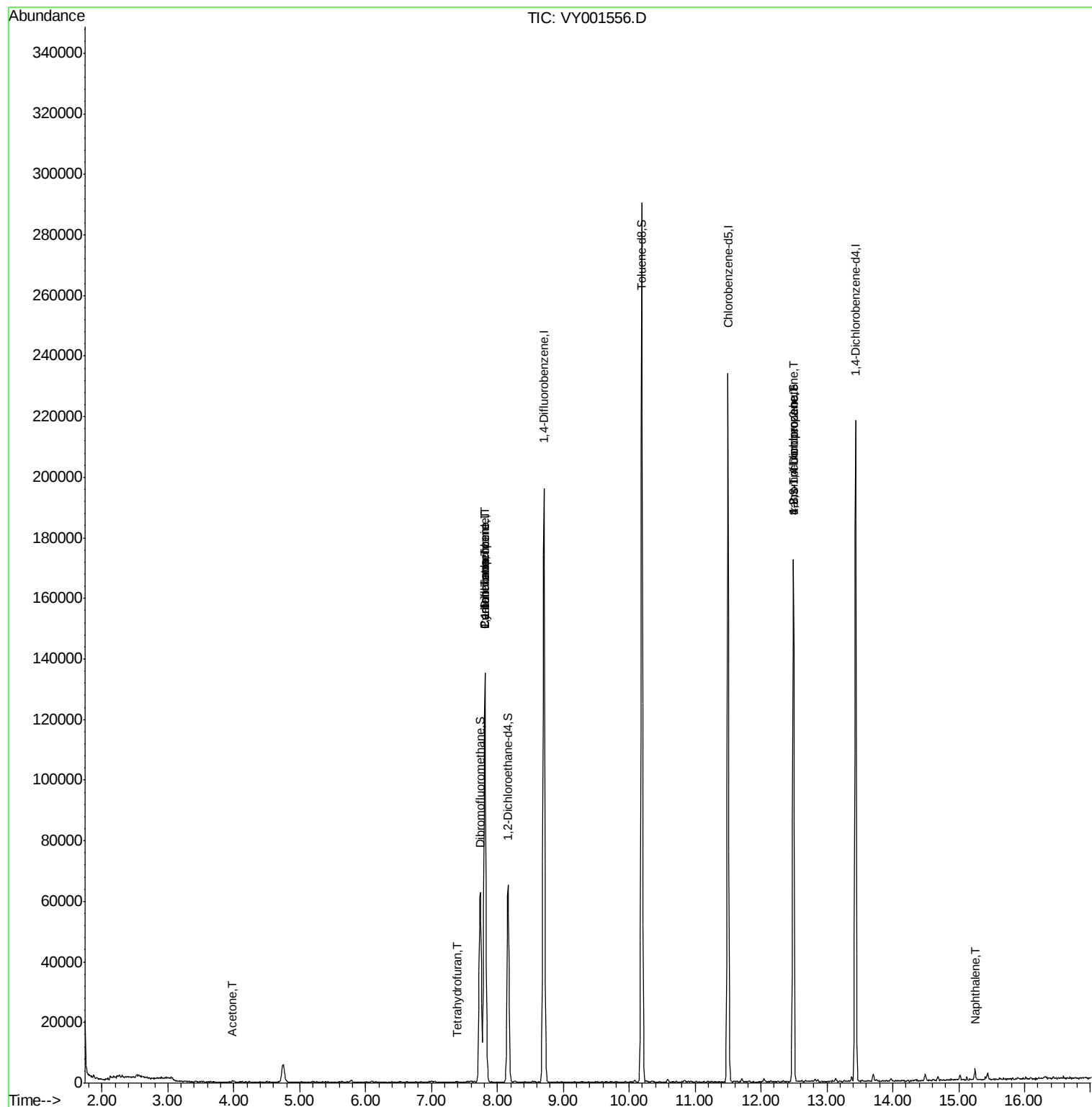
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	100927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	165599	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	128228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	52709	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	47943	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
35) Dibromofluoromethane	7.74	113	44347	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
50) Toluene-d8	10.19	98	191030	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
62) 4-Bromofluorobenzene	12.49	95	55610	39.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.14%	
Target Compounds						
					Qvalue	
16) Acetone	3.98	43	789	2.684	ug/l	99
20) Methylene Chloride	4.75	84	4642	Below Cal	#	88
29) Tetrahydrofuran	7.38	42	240	1.050	ug/l #	46
31) Cyclohexane	7.81	56	2255	1.140	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	8075	5.330	ug/l #	50
38) Carbon Tetrachloride	7.81	117	10116	6.902	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	28346	50.008	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	28346	96.762	ug/l #	16
95) Naphthalene	15.25	128	3102	1.296	ug/l	96

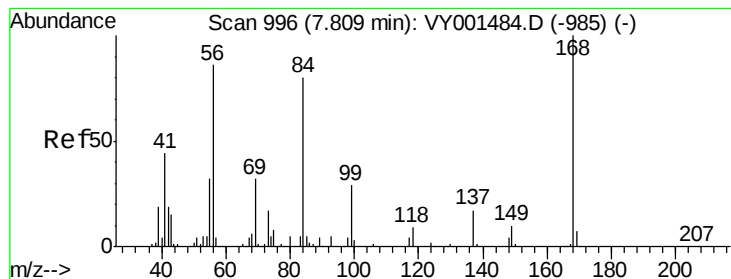
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY001556.D

Acq: 07 Feb 2020 16:03

Instrument :

MSVOA_Y

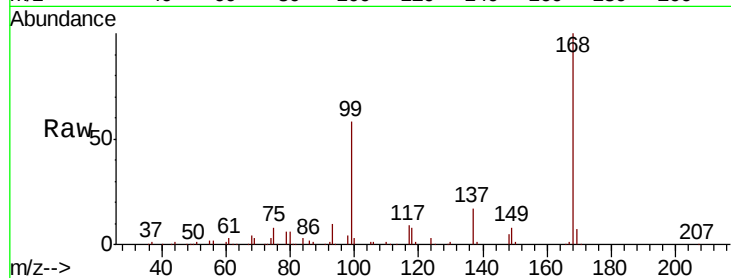
ClientSampleId :

Tot Ion:168 Resp: 100927

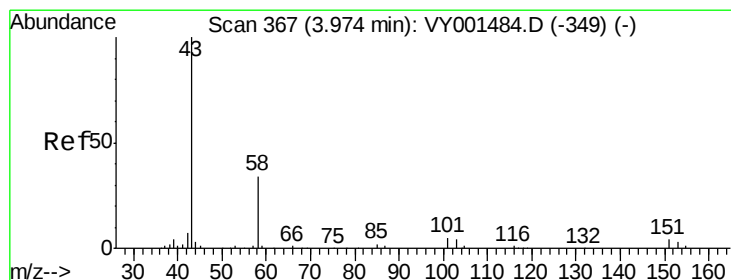
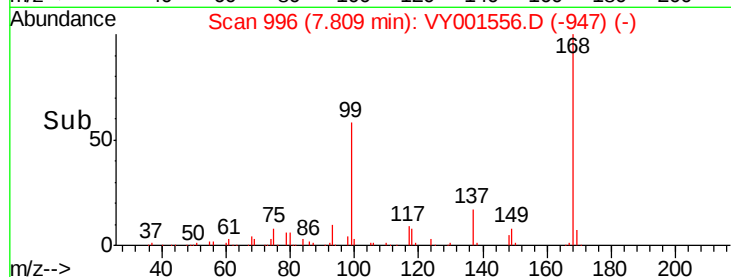
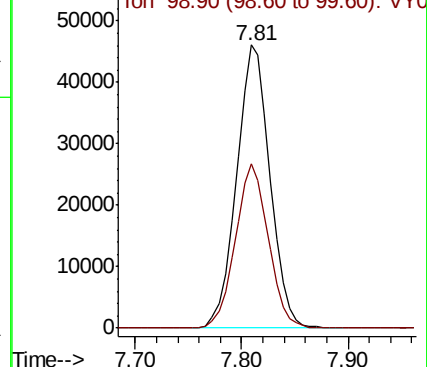
Ion Ratio Lower Upper

168 100

99 58.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001484.D (-985) (-)



#16

Acetone

Concen: 2.684 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001556.D

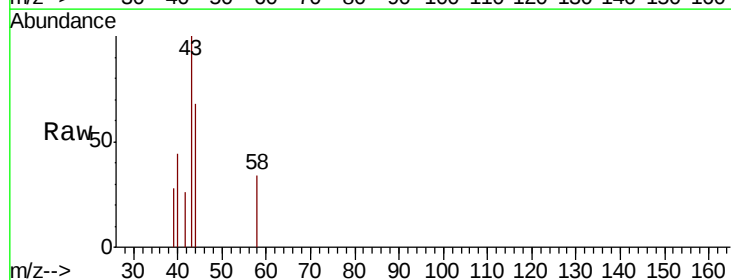
Acq: 07 Feb 2020 16:03

Tgt Ion: 43 Resp: 789

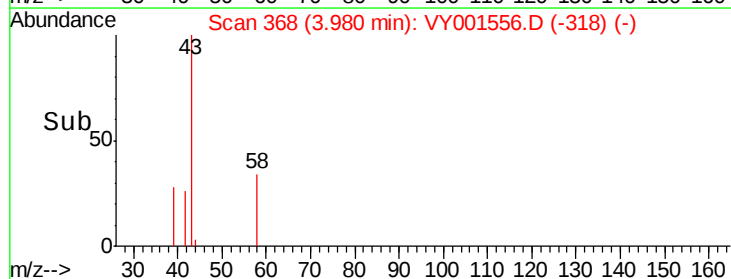
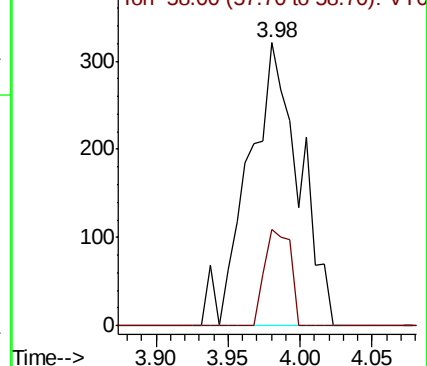
Ion Ratio Lower Upper

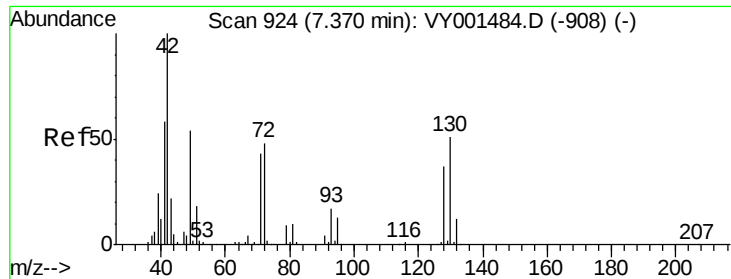
43 100

58 34.0 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY001484.D (-349) (-)

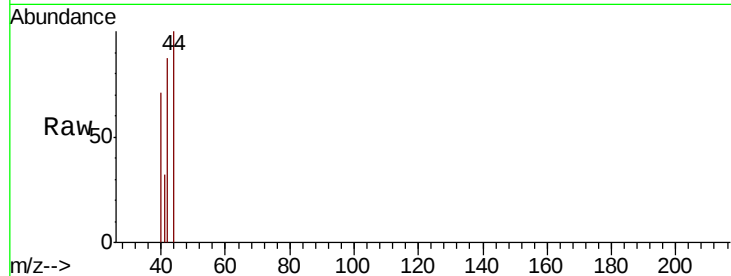




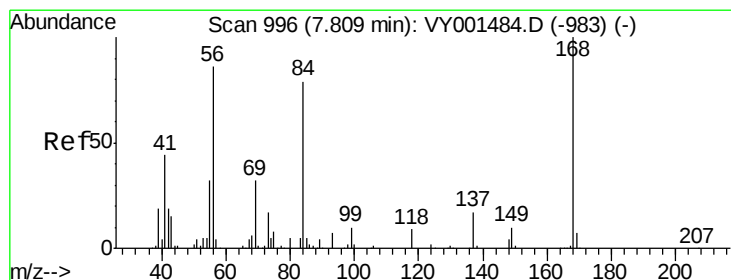
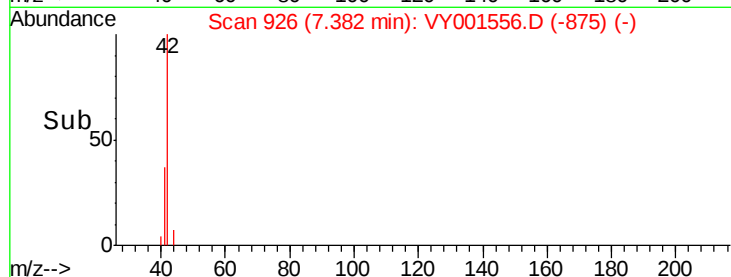
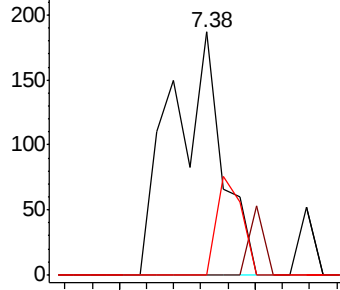
#29
Tetrahydrofuran
Concen: 1.050 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.01 min
Lab File: VY001556.D
Acq: 07 Feb 2020 16:03

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 240
Ion Ratio Lower Upper
42 100
72 0.0 37.8 56.6#
71 20.0 34.8 52.2#

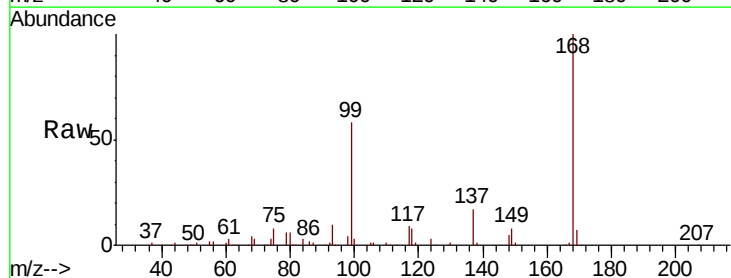


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

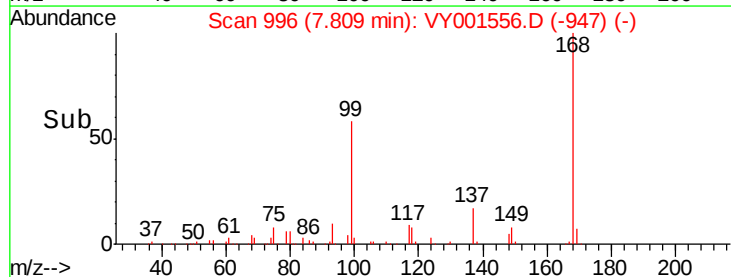
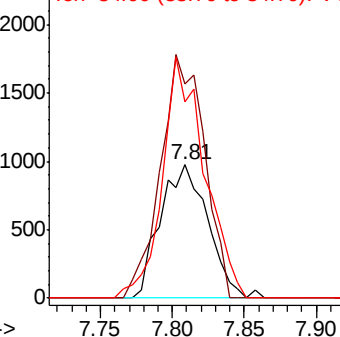


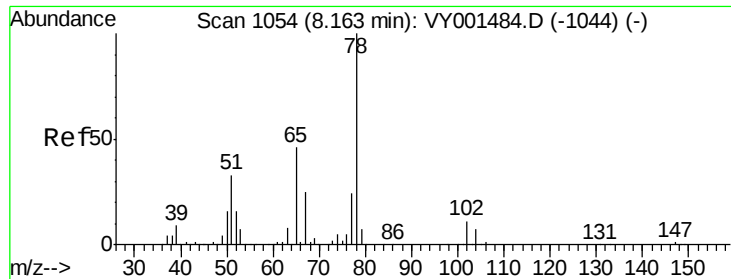
#31
Cyclohexane
Concen: 1.140 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.00 min
Lab File: VY001556.D
Acq: 07 Feb 2020 16:03

Tgt Ion: 56 Resp: 2255
Ion Ratio Lower Upper
56 100
69 160.5 29.6 44.4#
84 147.8 73.6 110.4#



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

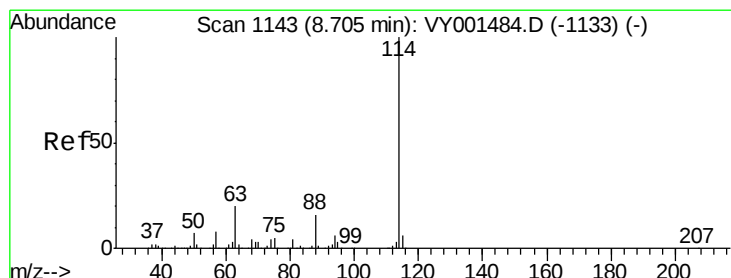
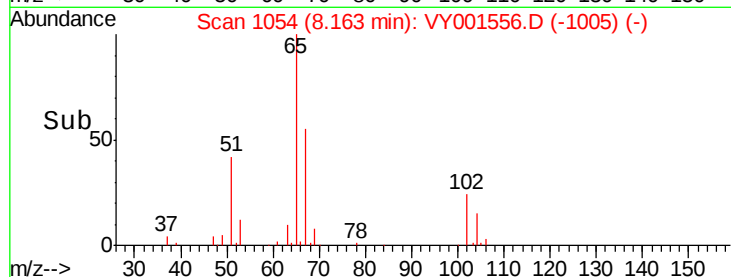
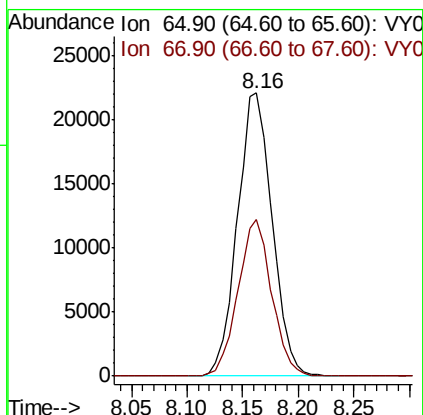
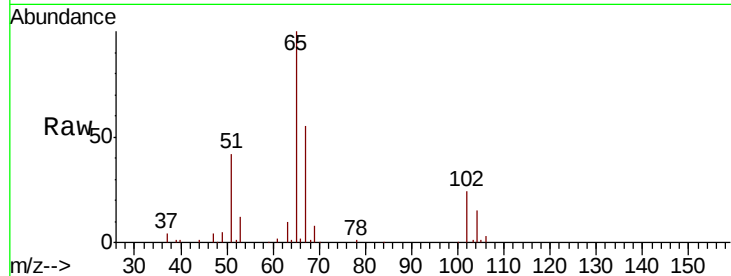




#33
 1,2-Dichloroethane-d4
 Concen: 47.179 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VY001556.D
 Acq: 07 Feb 2020 16:03

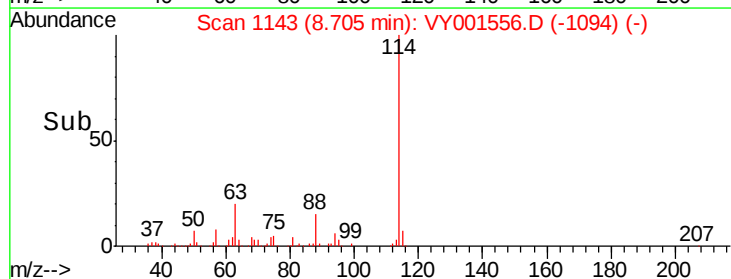
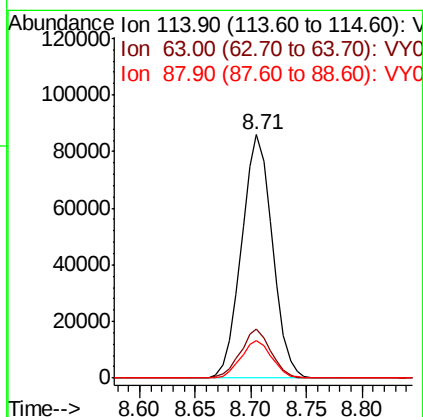
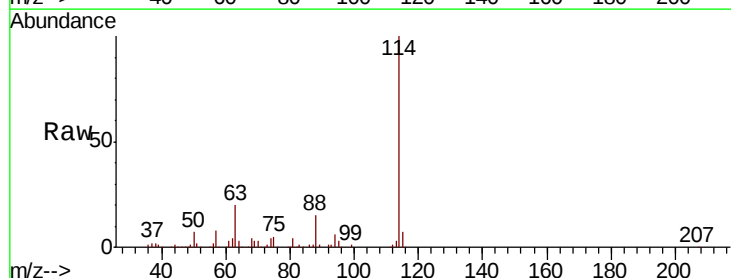
Instrument :
 MSVOA_Y
 ClientSampleId :

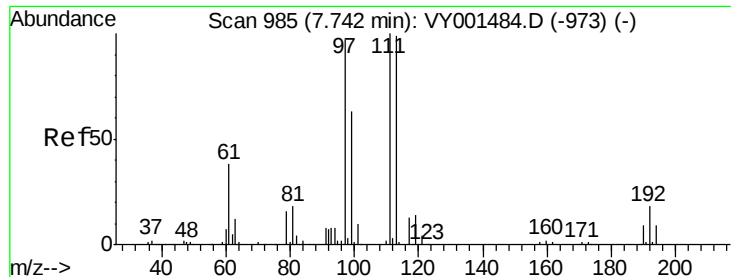
Tot Ion: 65 Resp: 47943
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY001556.D
 Acq: 07 Feb 2020 16:03

Tgt Ion: 114 Resp: 165599
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.8
 88 15.4 0.0 32.6

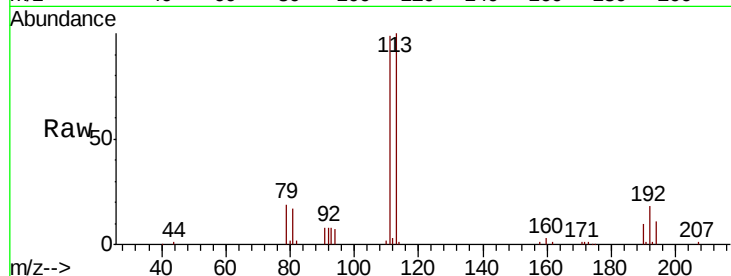




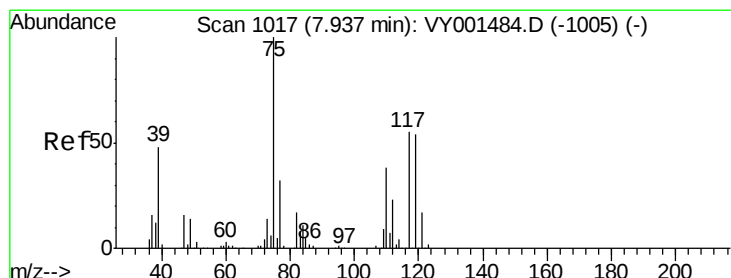
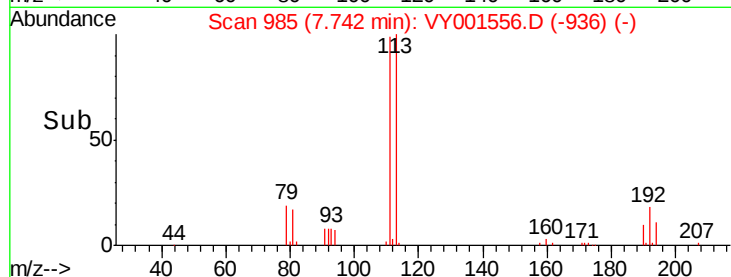
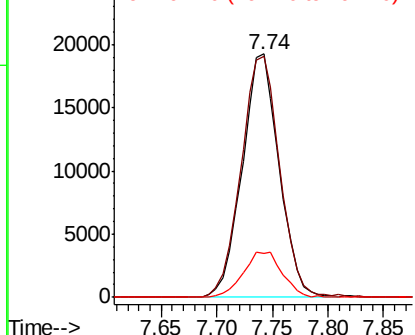
#35
 Dibromofluoromethane
 Concen: 46.440 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: VY001556.D
 Acq: 07 Feb 2020 16:03

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:113 Resp: 44347
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.9 124.3
 192 19.8 14.6 22.0

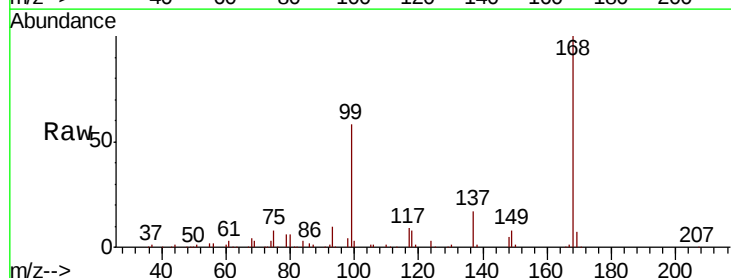


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

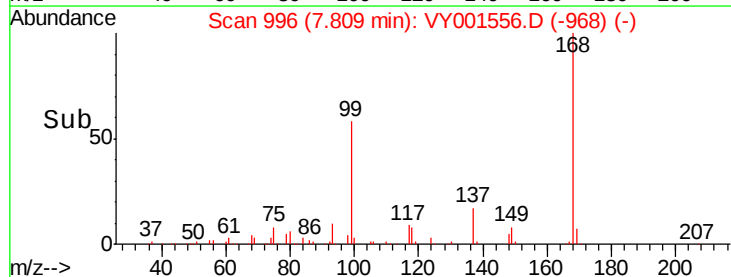
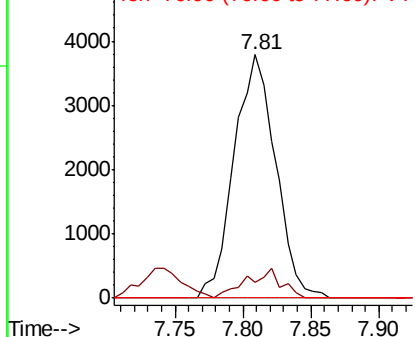


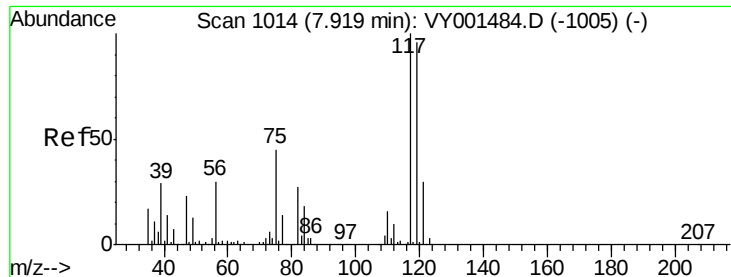
#36
 1,1-Dichloropropene
 Concen: 5.330 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY001556.D
 Acq: 07 Feb 2020 16:03

Tgt Ion: 75 Resp: 8075
 Ion Ratio Lower Upper
 75 100
 110 10.1 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

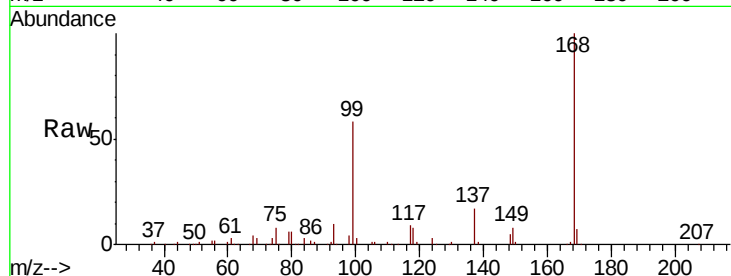




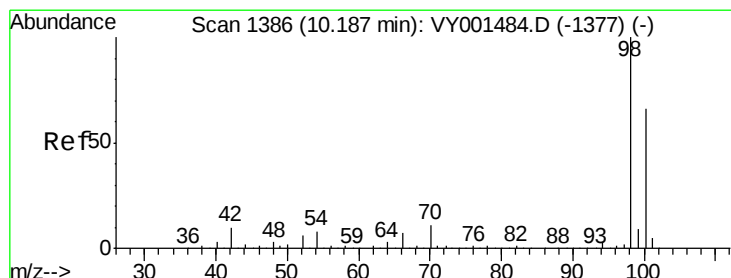
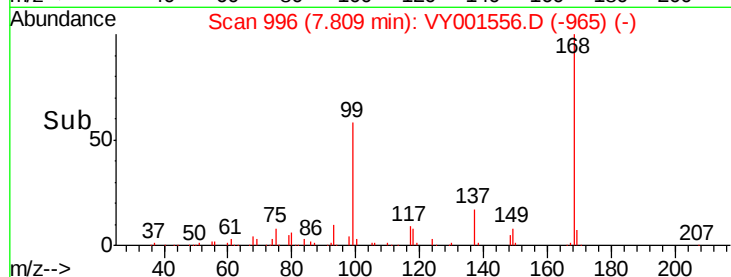
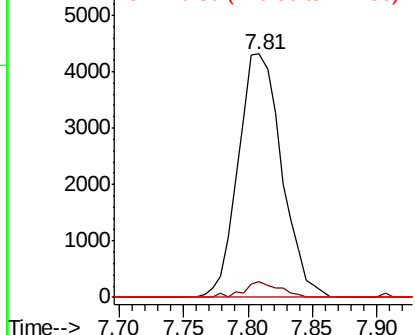
#38
Carbon Tetrachloride
Concen: 6.902 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.11 min
Lab File: VY001556.D
Acq: 07 Feb 2020 16:03

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 10116
Ion Ratio Lower Upper
117 100
119 6.5 76.4 114.6#
121 0.0 24.2 36.4#

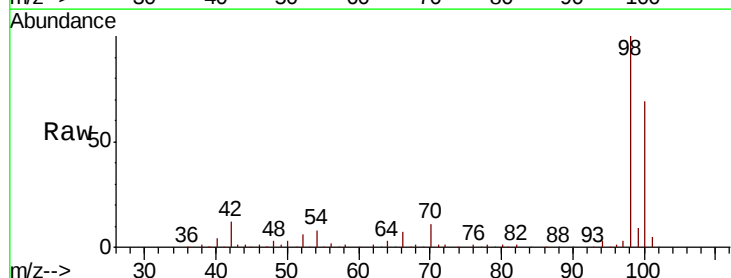


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

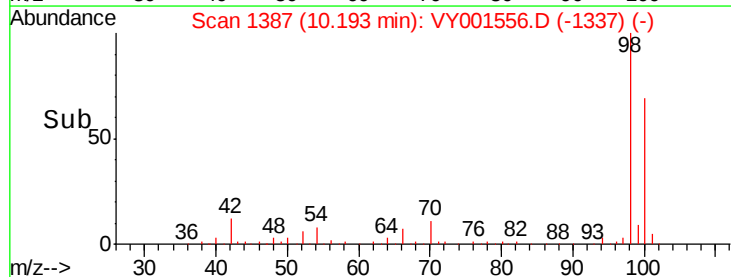
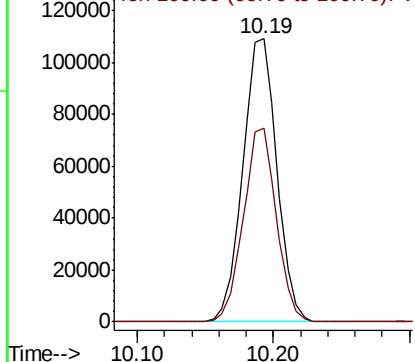


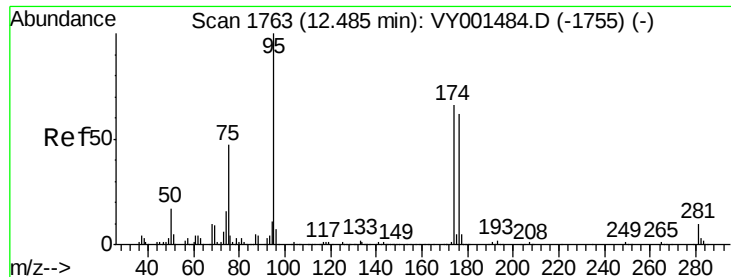
#50
Toluene-d8
Concen: 52.875 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001556.D
Acq: 07 Feb 2020 16:03

Tgt Ion: 98 Resp: 191030
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.6



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

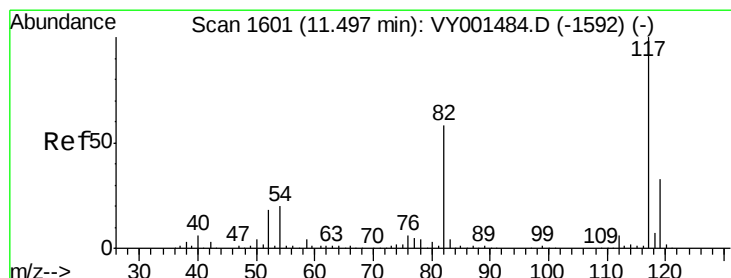
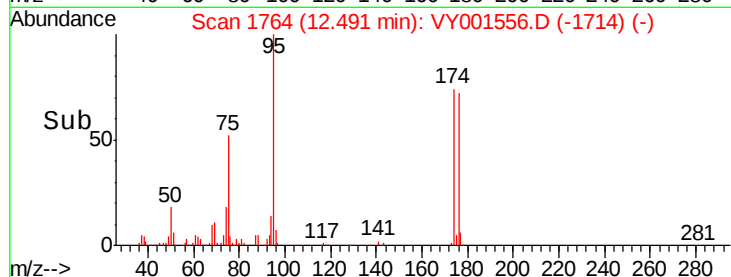
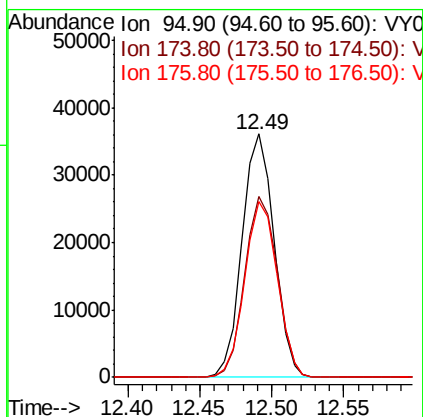
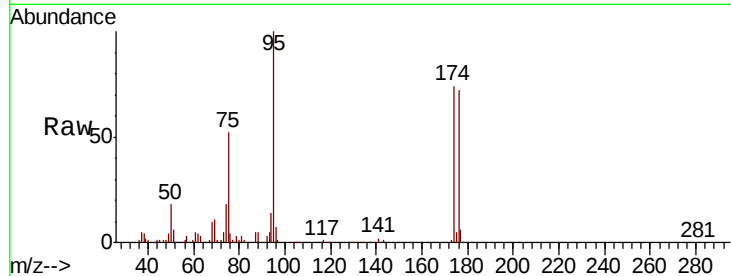




#62
4-Bromofluorobenzene
Concen: 39.072 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001556.D
Acq: 07 Feb 2020 16:03

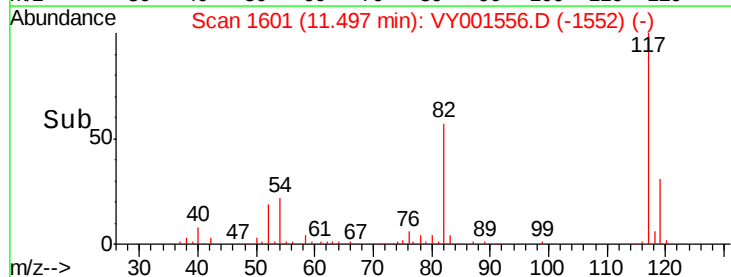
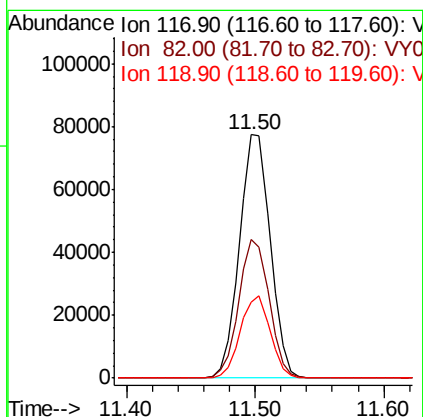
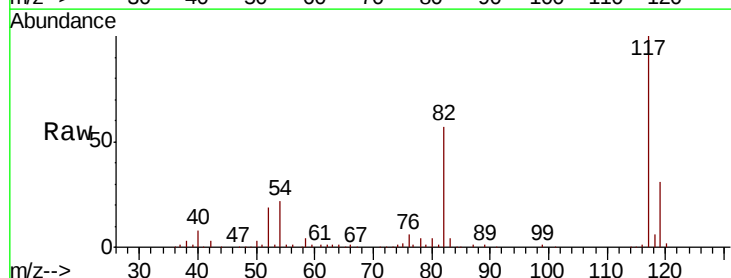
Instrument :
MSVOA_Y
ClientSampleId :

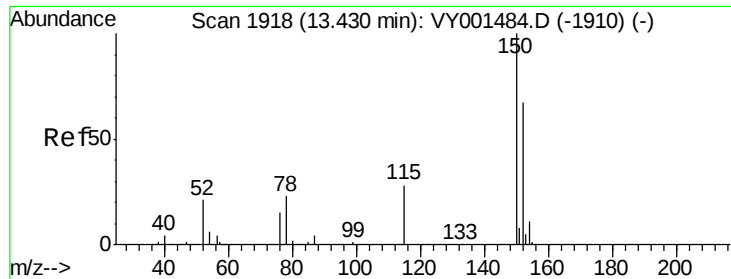
Tot Ion: 95 Resp: 55610
Ion Ratio Lower Upper
95 100
174 75.8 0.0 141.4
176 73.6 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001556.D
Acq: 07 Feb 2020 16:03

Tgt Ion: 117 Resp: 128228
Ion Ratio Lower Upper
117 100
82 57.0 46.1 69.1
119 31.4 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: VY001556.D

Acq: 07 Feb 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

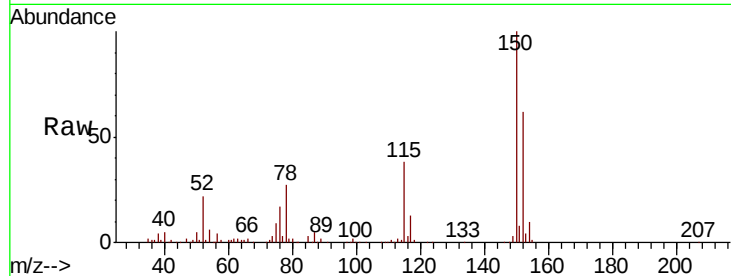
Tot Ion:152 Resp: 52709

Ion Ratio Lower Upper

152 100

115 60.2 31.4 94.3

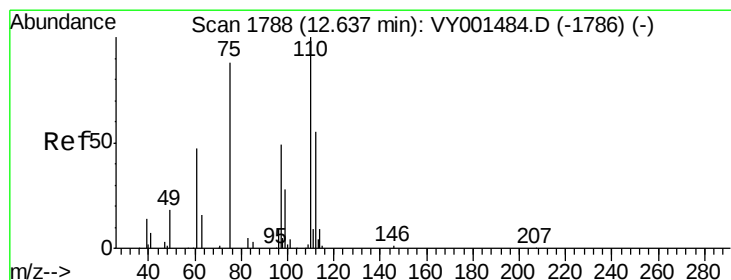
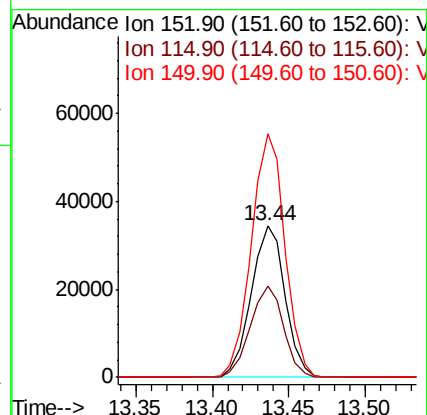
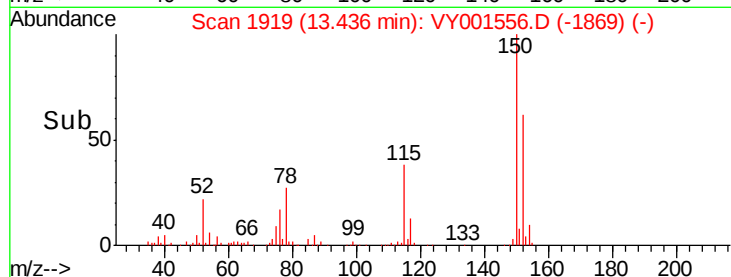
150 160.2 0.0 346.8



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: 50.008 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001556.D

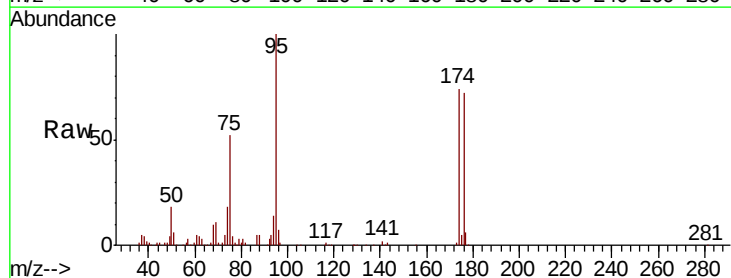
Acq: 07 Feb 2020 16:03

Tgt Ion: 75 Resp: 28346

Ion Ratio Lower Upper

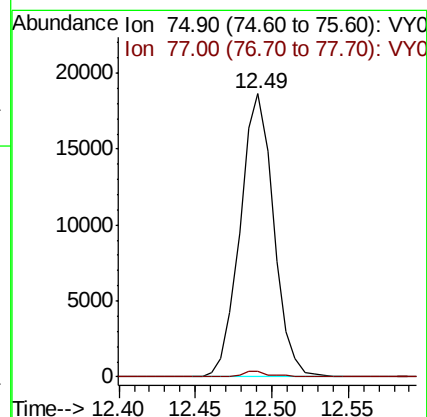
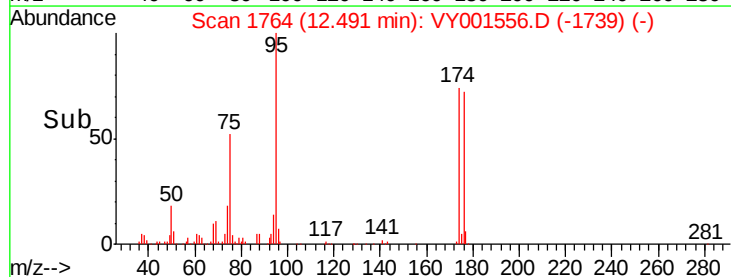
75 100

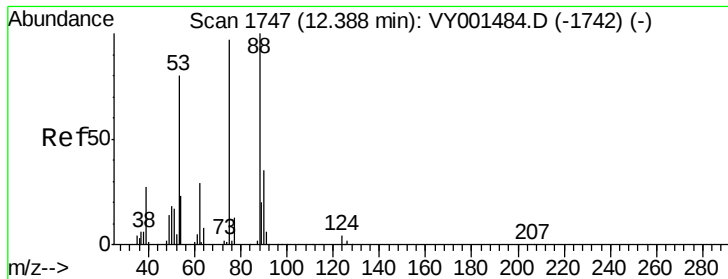
77 1.5 0.0 0.0#



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: 96.762 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001556.D

Acq: 07 Feb 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

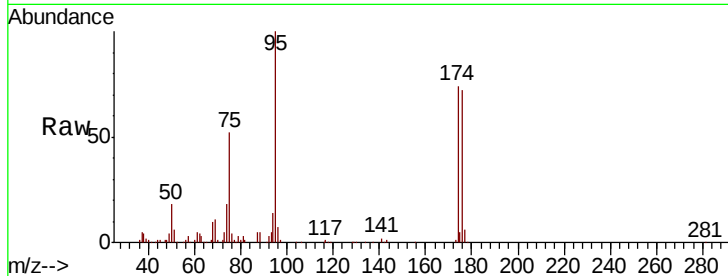
Tot Ion: 75 Resp: 28346

Ion Ratio Lower Upper

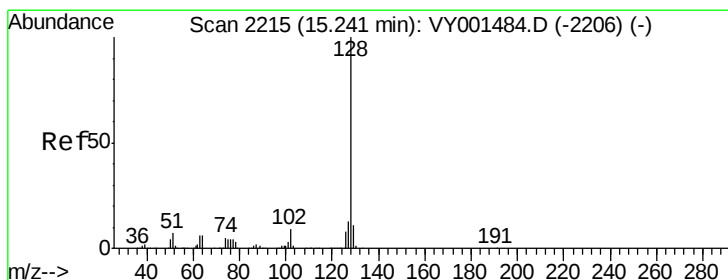
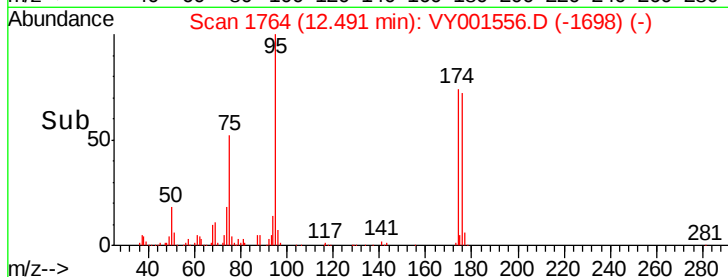
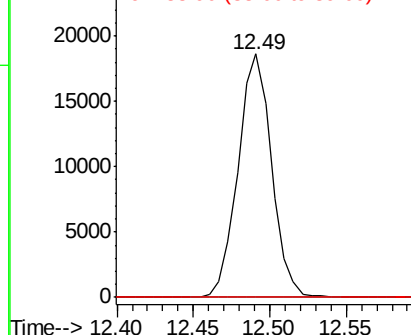
75 100

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



#95

Naphthalene

Concen: 1.296 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.01 min

Lab File: VY001556.D

Acq: 07 Feb 2020 16:03

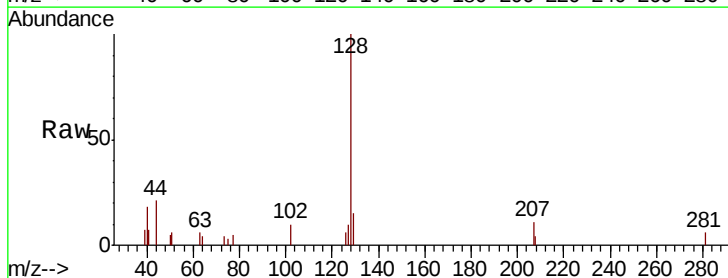
Tgt Ion: 128 Resp: 3102

Ion Ratio Lower Upper

128 100

127 15.1 10.1 15.1

129 10.2 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

