

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021220\
 Data File : VY001615.D
 Acq On : 12 Feb 2020 17:13
 Operator : SY/MD
 Sample : L1385-01
 Misc : 7.33G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 13 07:45:57 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

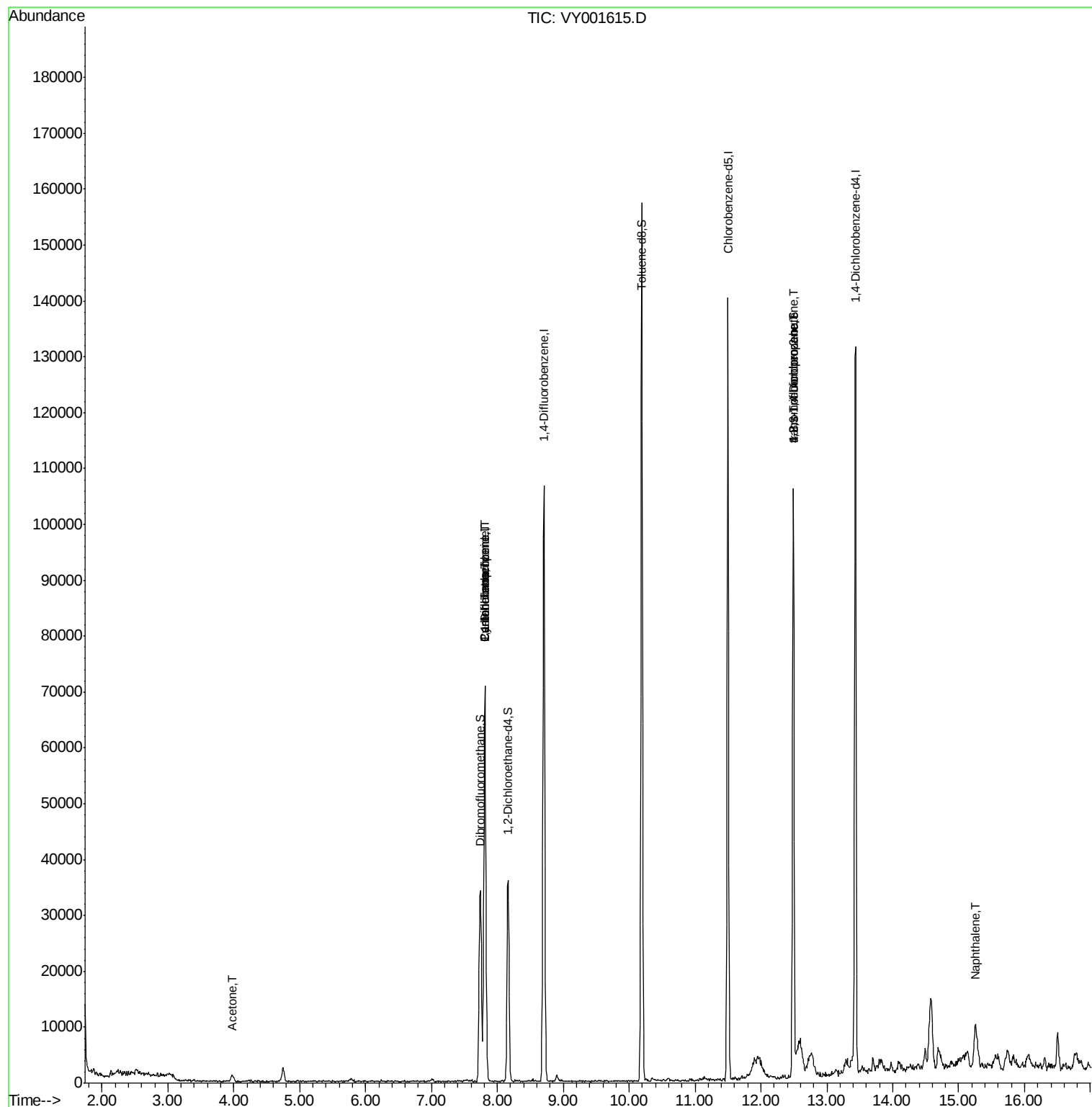
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	53372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	90512	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	74627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	31907	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	27665	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
35) Dibromofluoromethane	7.74	113	25517	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
50) Toluene-d8	10.19	98	105198	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
62) 4-Bromofluorobenzene	12.49	95	33356	42.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.76%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	2344	15.080	ug/l #	79
20) Methylene Chloride	4.74	84	1743	Below Cal	#	90
31) Cyclohexane	7.80	56	1182	1.130	ug/l #	56
36) 1,1-Dichloropropene	7.81	75	4161	5.025	ug/l #	48
38) Carbon Tetrachloride	7.81	117	5037	6.288	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	16463	47.979	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	16463	92.837	ug/l #	16
95) Naphthalene	15.25	128	2804	1.936	ug/l #	85

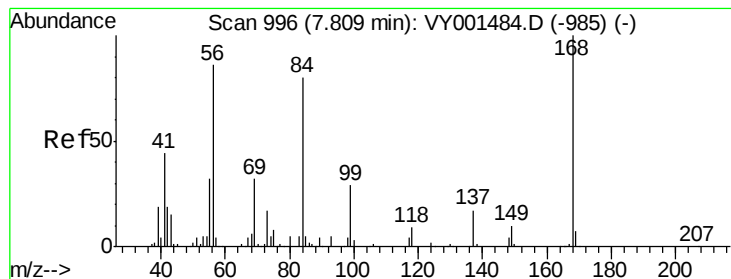
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 04 15:10:08 2020
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: VY001615.D

Acq: 12 Feb 2020 17:13

Instrument :

MSVOA_Y

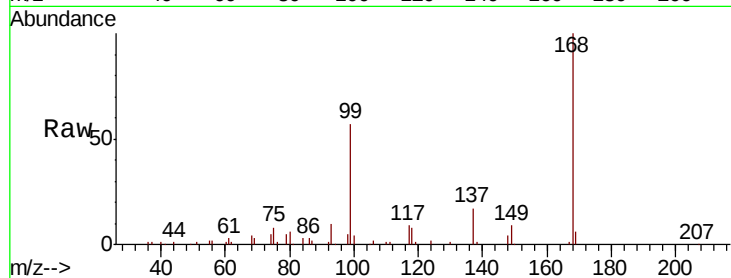
ClientSampleId :

Tot Ion:168 Resp: 53372

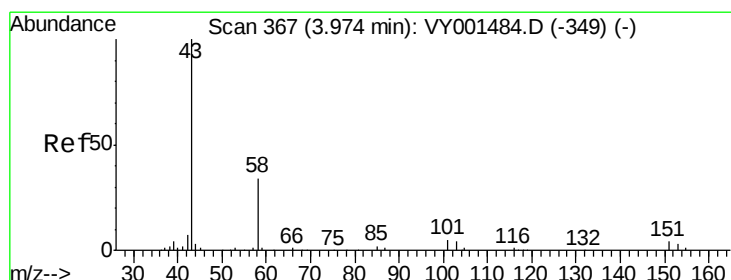
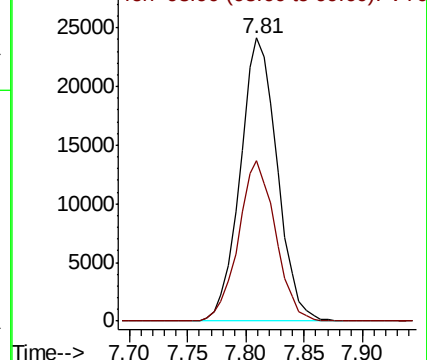
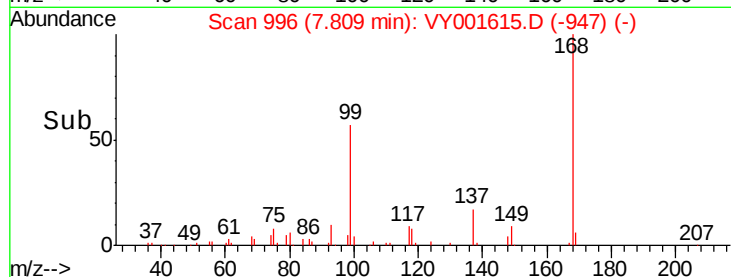
Ion Ratio Lower Upper

168 100

99 56.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001615.D (-947) (-)



#16

Acetone

Concen: 15.080 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001615.D

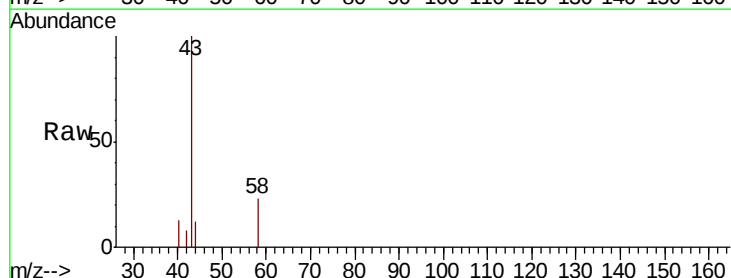
Acq: 12 Feb 2020 17:13

Tgt Ion: 43 Resp: 2344

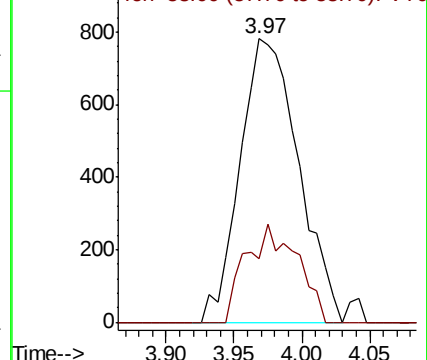
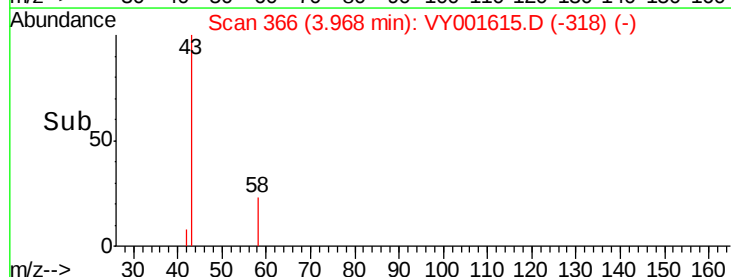
Ion Ratio Lower Upper

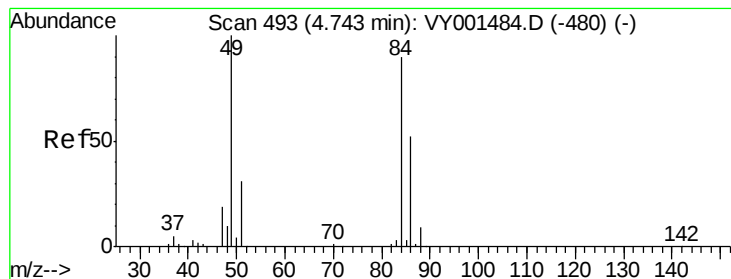
43 100

58 22.5 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VY001615.D (-318) (-)





#20

Methylene Chloride

Concen: Below Cal

RT: 4.74 min Scan# 493

Delta R.T. 0.00 min

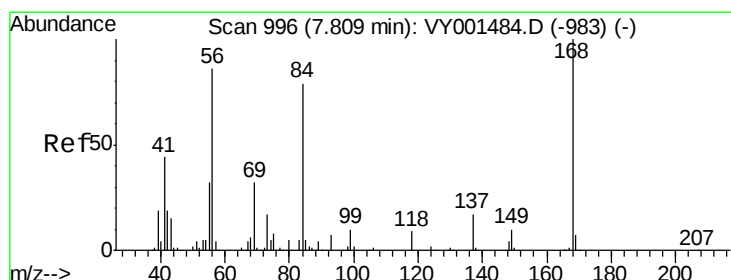
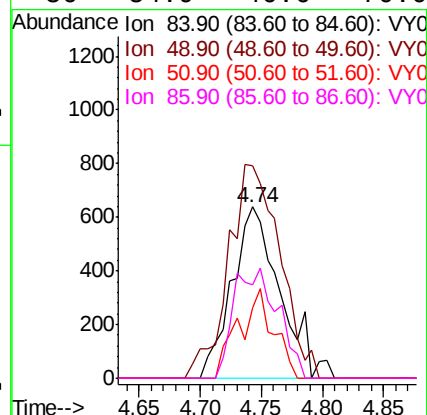
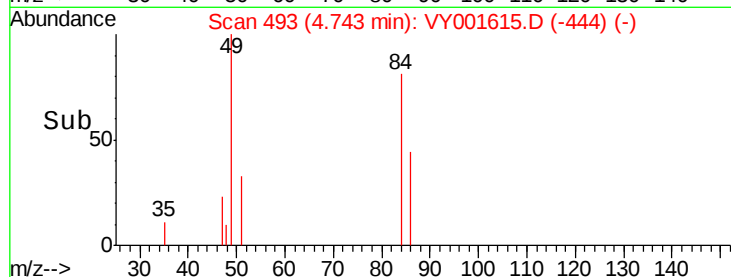
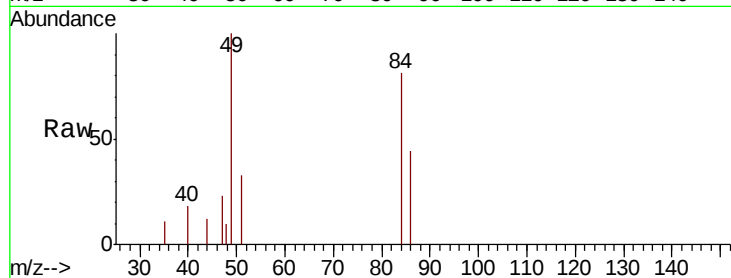
Lab File: VY001615.D

Acq: 12 Feb 2020 17:13

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 84 Resp: 1743

Ion	Ratio	Lower	Upper
84	100		
49	124.0	89.0	133.6
51	41.2	27.4	41.2#
86	54.9	46.6	70.0



#31

Cyclohexane

Concen: 1.130 ug/l

RT: 7.80 min Scan# 995

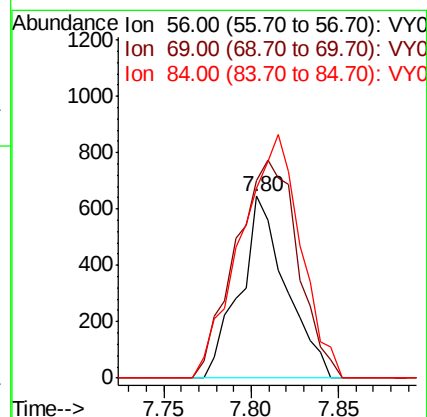
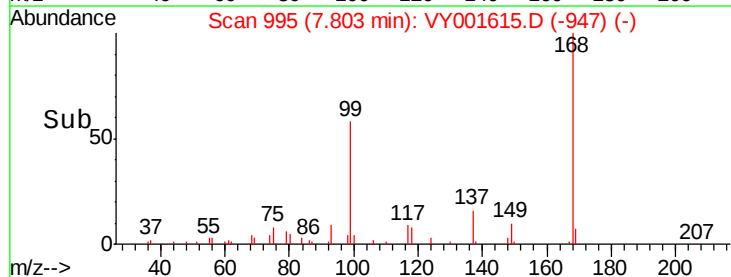
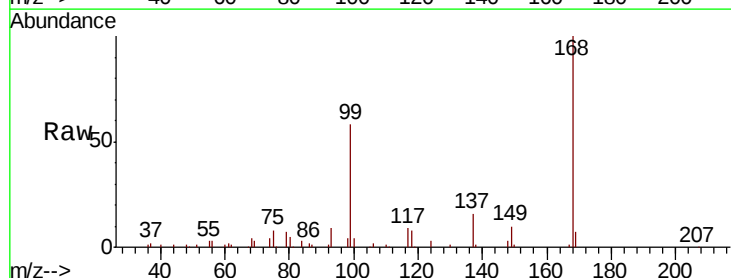
Delta R.T. -0.01 min

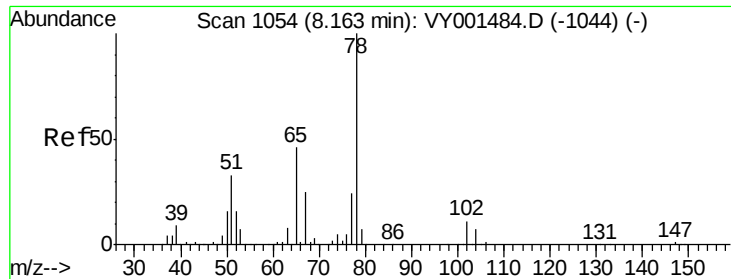
Lab File: VY001615.D

Acq: 12 Feb 2020 17:13

Tgt Ion: 56 Resp: 1182

Ion	Ratio	Lower	Upper
56	100		
69	108.7	29.6	44.4#
84	104.5	73.6	110.4





#33

1,2-Dichloroethane-d4

Concen: 51.481 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY001615.D

Acq: 12 Feb 2020 17:13

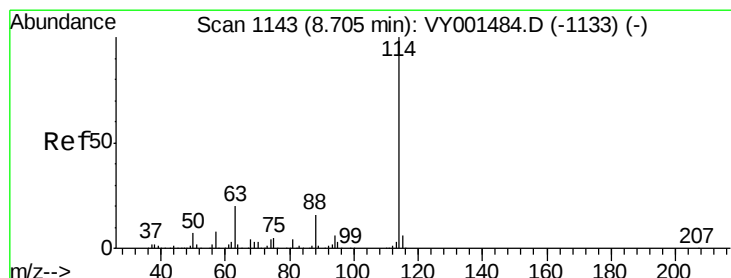
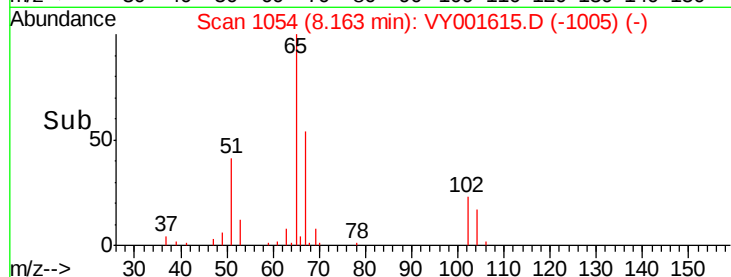
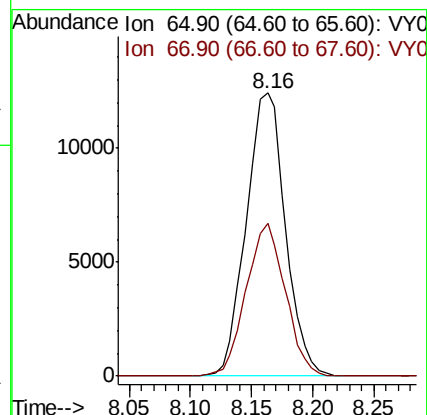
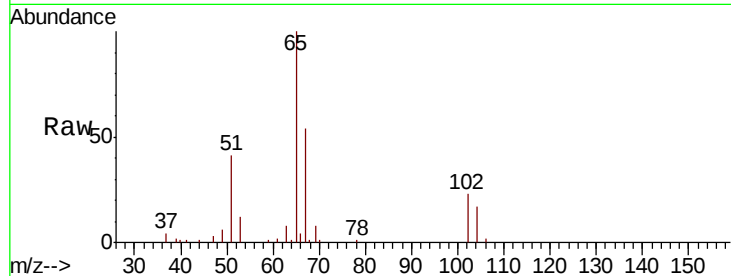
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 65 Resp: 27665

Ion Ratio Lower Upper

65 100

67 53.9 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: VY001615.D

Acq: 12 Feb 2020 17:13

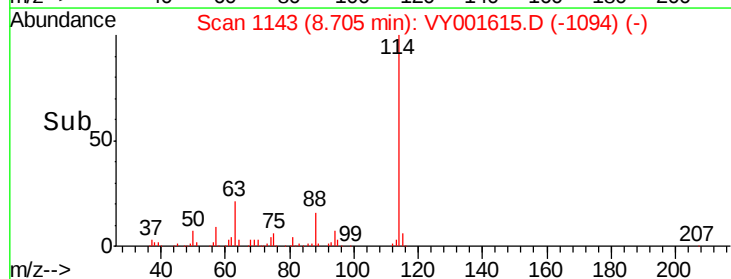
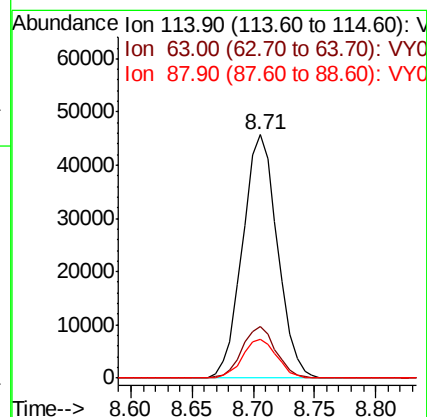
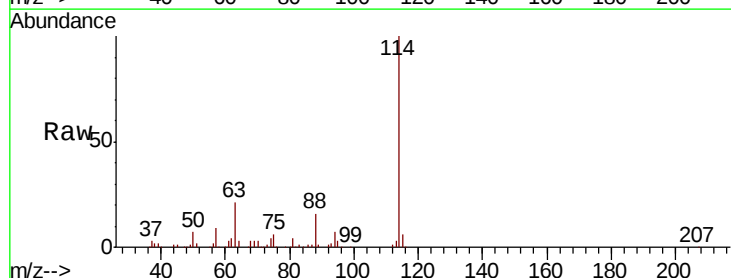
Tgt Ion: 114 Resp: 90512

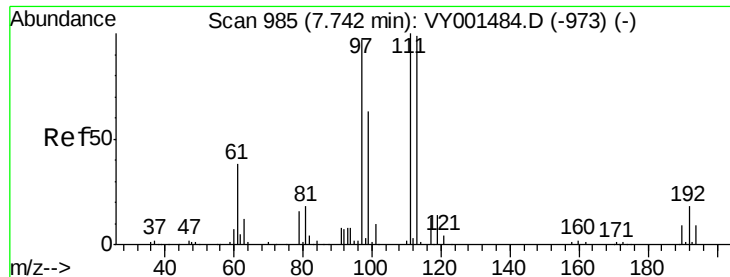
Ion Ratio Lower Upper

114 100

63 21.3 0.0 39.8

88 15.9 0.0 32.6

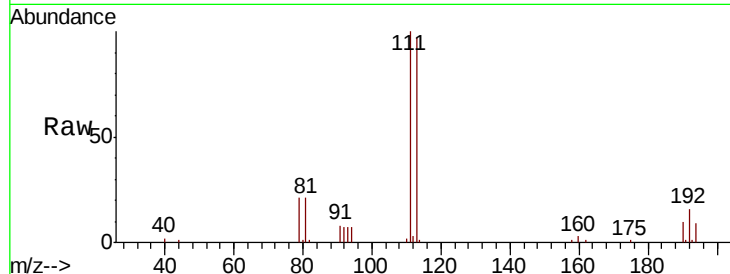




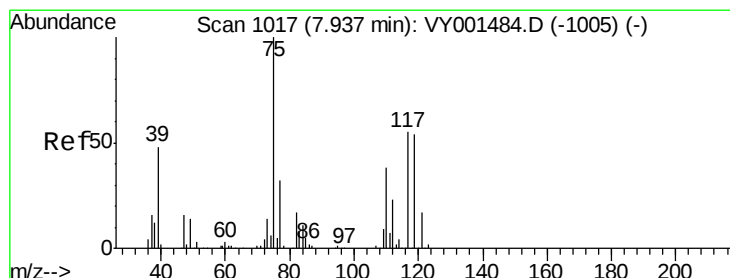
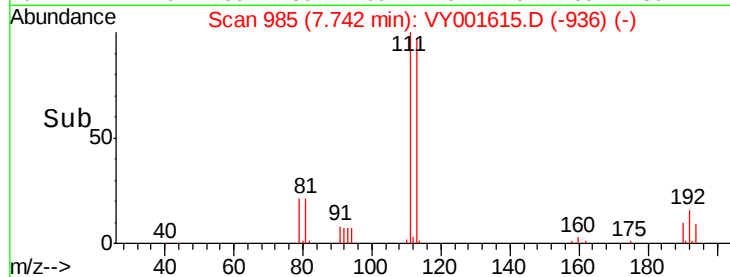
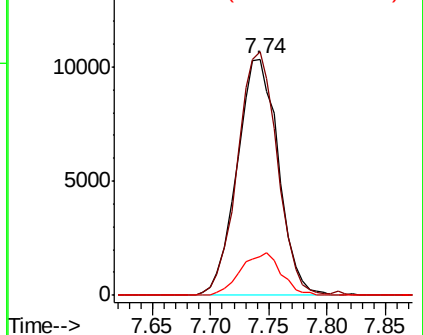
#35
 Dibromofluoromethane
 Concen: 48.889 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: VY001615.D
 Acq: 12 Feb 2020 17:13

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 25517
 Ion Ratio Lower Upper
 113 100
 111 99.7 82.9 124.3
 192 17.6 14.6 22.0

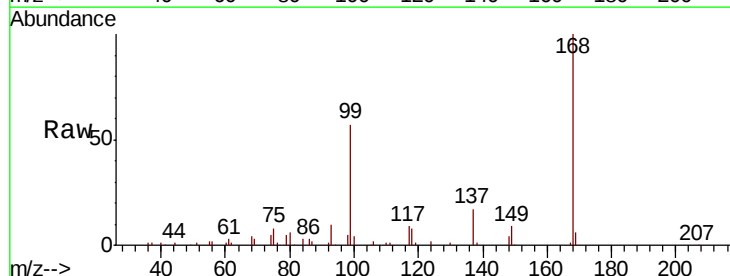


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

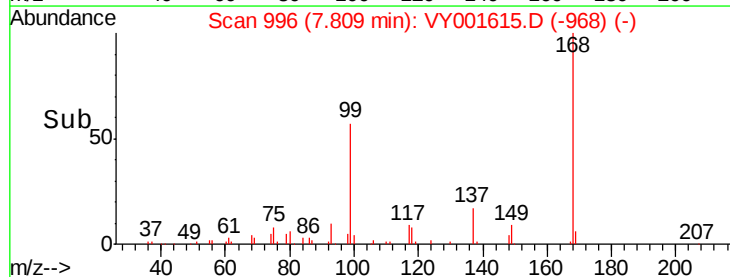
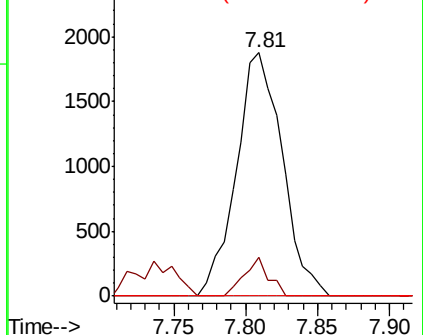


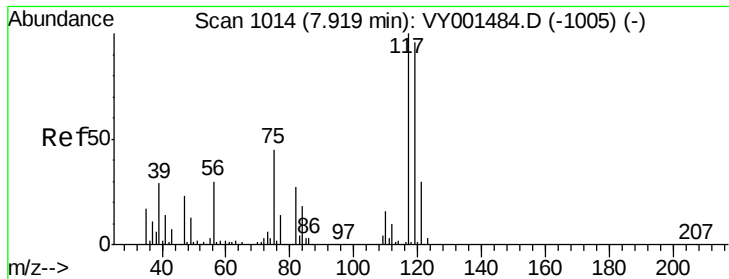
#36
 1,1-Dichloropropene
 Concen: 5.025 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY001615.D
 Acq: 12 Feb 2020 17:13

Tgt Ion: 75 Resp: 4161
 Ion Ratio Lower Upper
 75 100
 110 8.5 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: 6.288 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.11 min

Lab File: VY001615.D

Acq: 12 Feb 2020 17:13

Instrument :

MSVOA_Y

ClientSampled :

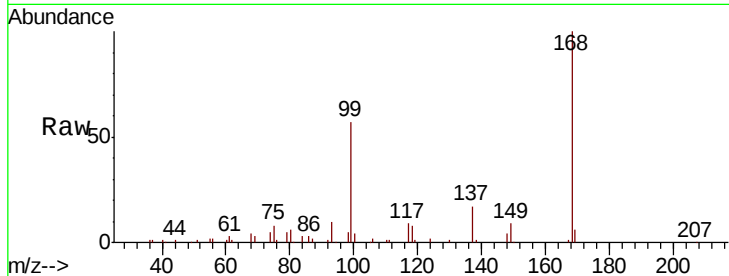
Tot Ion:117 Resp: 5037

Ion Ratio Lower Upper

117 100

119 6.2 76.4 114.6#

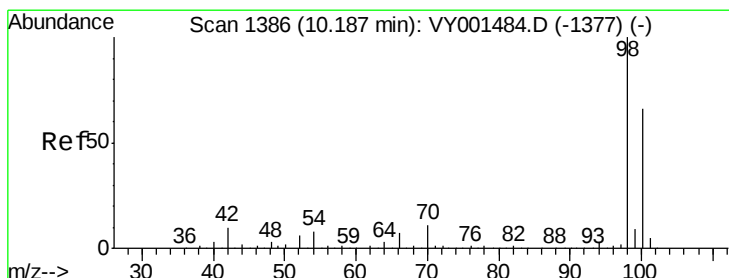
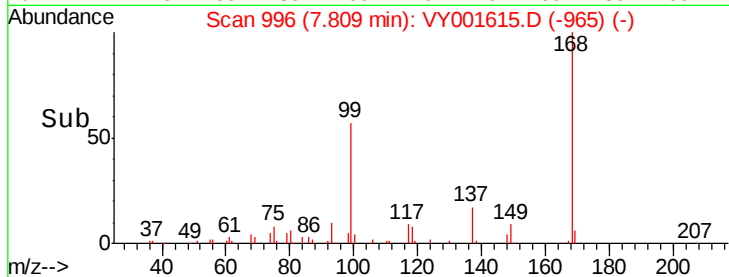
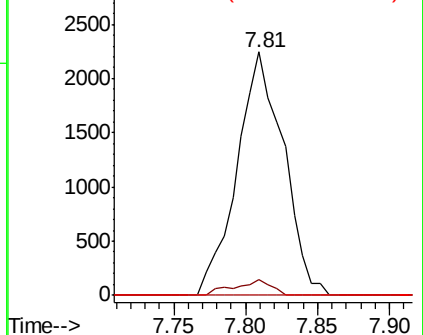
121 0.0 24.2 36.4#



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: 53.273 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001615.D

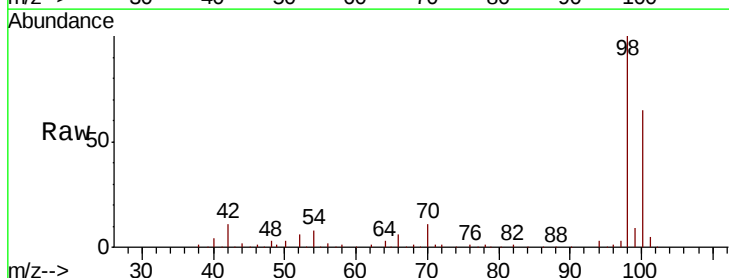
Acq: 12 Feb 2020 17:13

Tgt Ion: 98 Resp: 105198

Ion Ratio Lower Upper

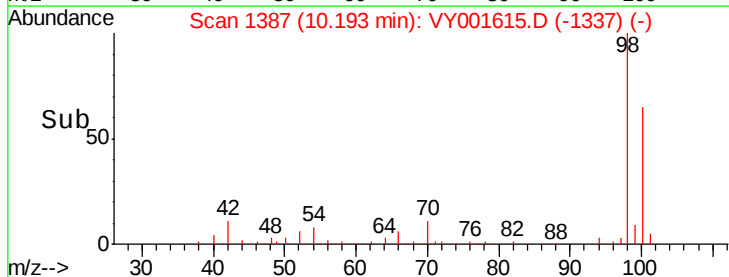
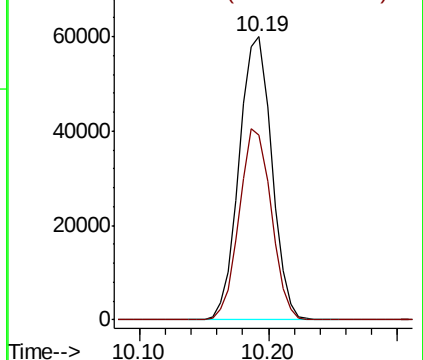
98 100

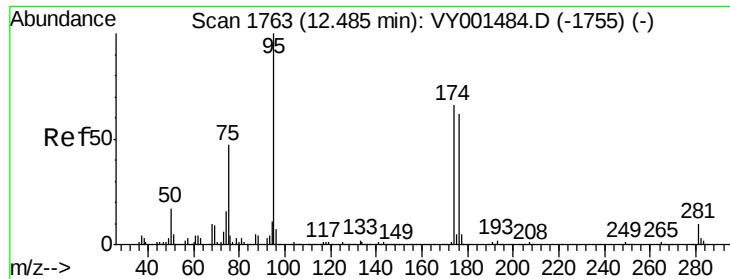
100 66.4 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

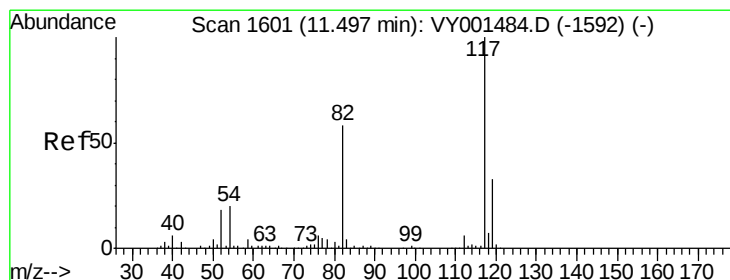
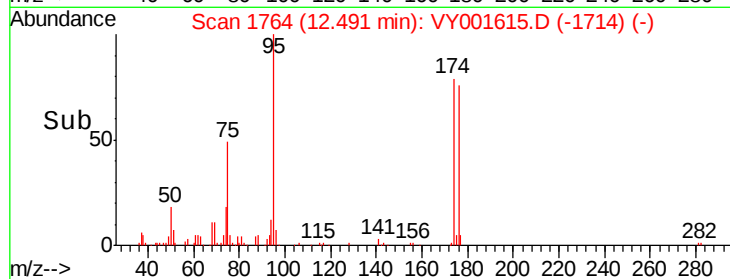
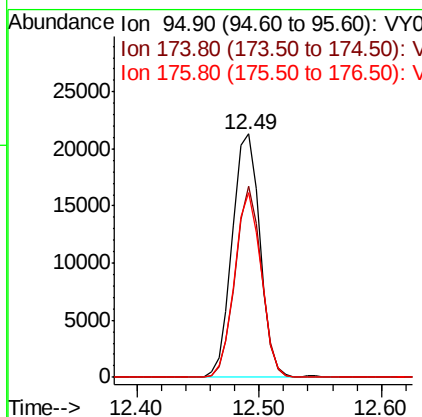
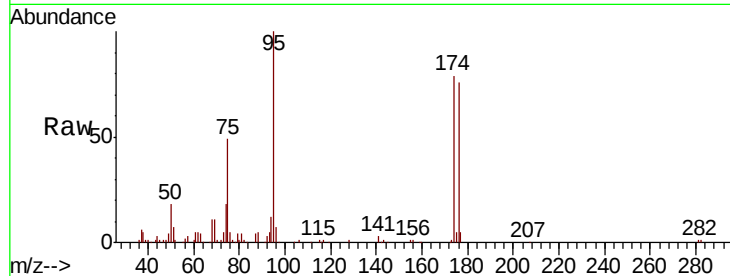




#62
4-Bromofluorobenzene
Concen: 42.878 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001615.D
Acq: 12 Feb 2020 17:13

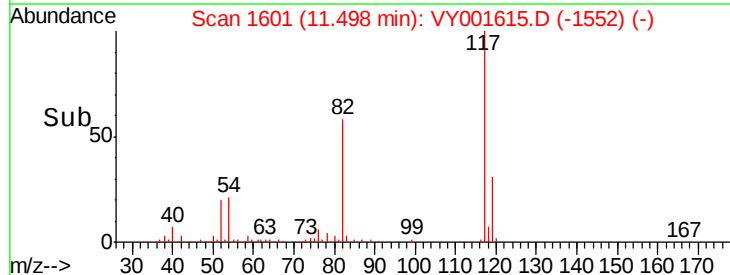
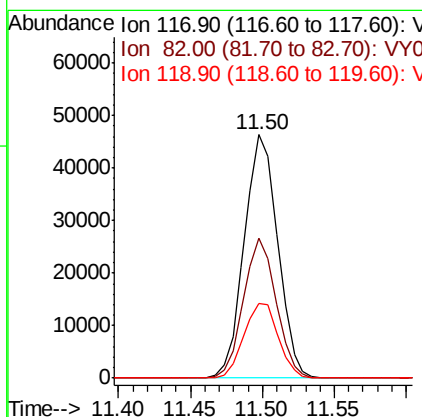
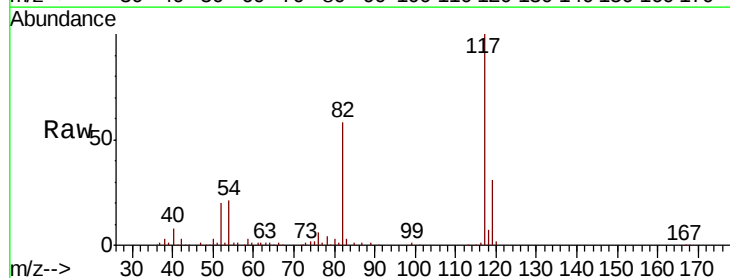
Instrument :
MSVOA_Y
ClientSampleId :

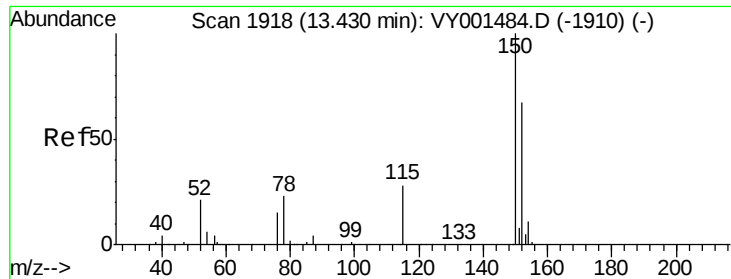
Tot Ion: 95 Resp: 33356
Ion Ratio Lower Upper
95 100
174 73.8 0.0 141.4
176 72.8 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001615.D
Acq: 12 Feb 2020 17:13

Tgt Ion: 117 Resp: 74627
Ion Ratio Lower Upper
117 100
82 57.7 46.1 69.1
119 30.6 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: VY001615.D

Acq: 12 Feb 2020 17:13

Instrument :

MSVOA_Y

ClientSampleId :

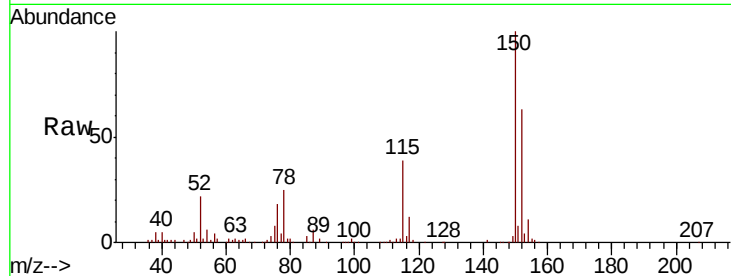
Tot Ion:152 Resp: 31907

Ion Ratio Lower Upper

152 100

115 64.2 31.4 94.3

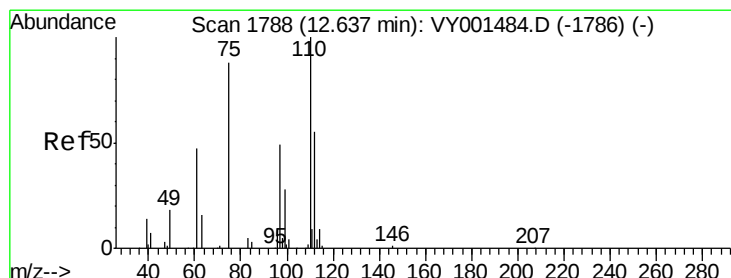
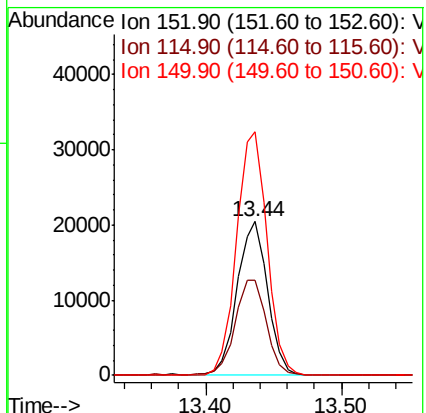
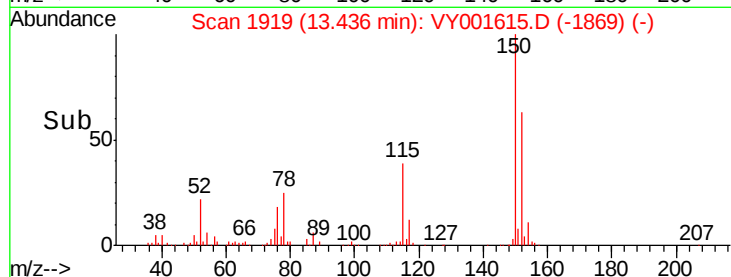
150 157.9 0.0 346.8



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: 47.979 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001615.D

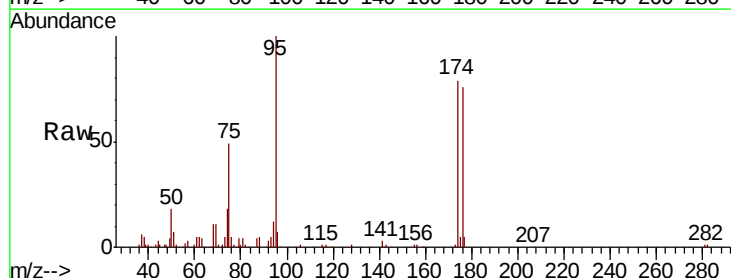
Acq: 12 Feb 2020 17:13

Tgt Ion: 75 Resp: 16463

Ion Ratio Lower Upper

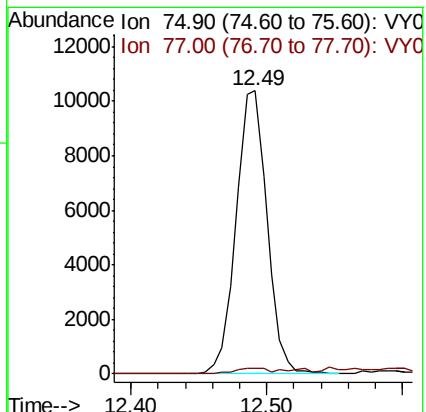
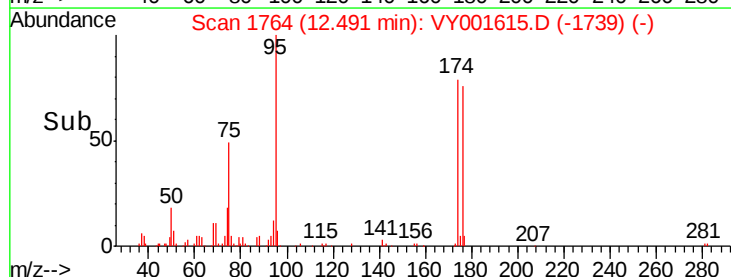
75 100

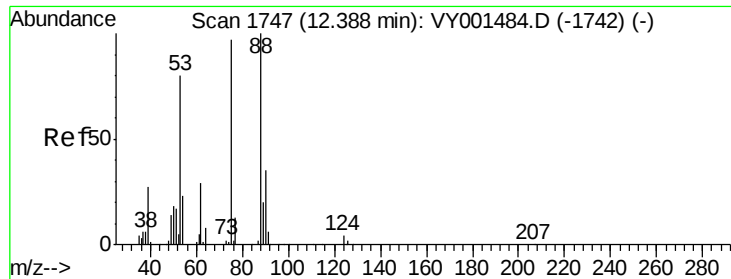
77 2.3 0.0 0.0#



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: 92.837 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001615.D

Acq: 12 Feb 2020 17:13

Instrument :

MSVOA_Y

ClientSampled :

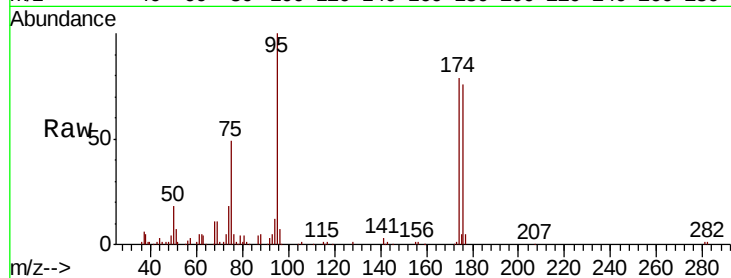
Tot Ion: 75 Resp: 16463

Ion Ratio Lower Upper

75 100

53 0.0 67.7 101.5#

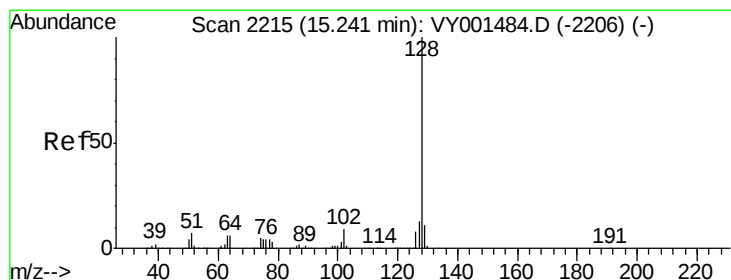
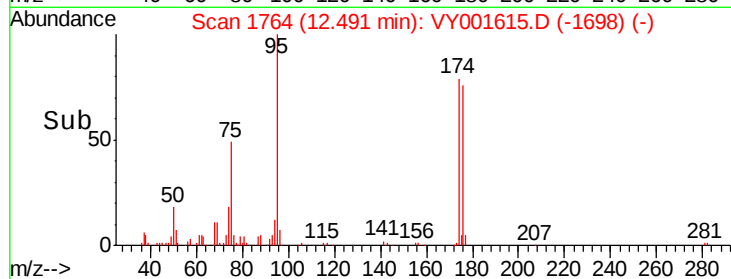
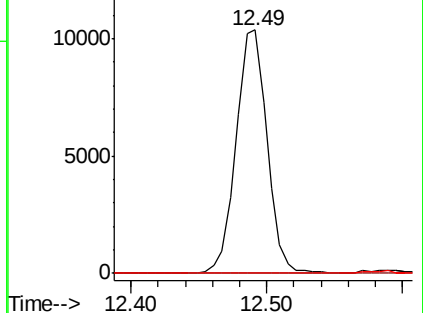
89 0.0 34.6 52.0#



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: 1.936 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.01 min

Lab File: VY001615.D

Acq: 12 Feb 2020 17:13

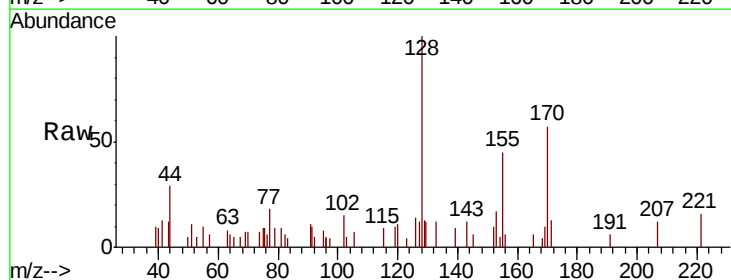
Tgt Ion:128 Resp: 2804

Ion Ratio Lower Upper

128 100

127 10.9 10.1 15.1

129 21.3 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

