

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011720\
 Data File : VY001281.D
 Acq On : 17 Jan 2020 21:15
 Operator : SY/MD
 Sample : L1154-05
 Misc : 7.11G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B3-0-15

Quant Time: Jan 18 03:27:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	192663	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.72	114	344428	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.51	117	314311	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.44	152	147784	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.18	65	107550	52.85	ug/l	0.03
Spiked Amount 50.000			Recovery	=	105.70%	
35) Dibromofluoromethane	7.76	113	101200	50.18	ug/l	0.04
Spiked Amount 50.000			Recovery	=	100.36%	
50) Toluene-d8	10.20	98	407338	52.42	ug/l	0.02
Spiked Amount 50.000			Recovery	=	104.84%	
62) 4-Bromofluorobenzene	12.50	95	150252	47.30	ug/l	0.02
Spiked Amount 50.000			Recovery	=	94.60%	

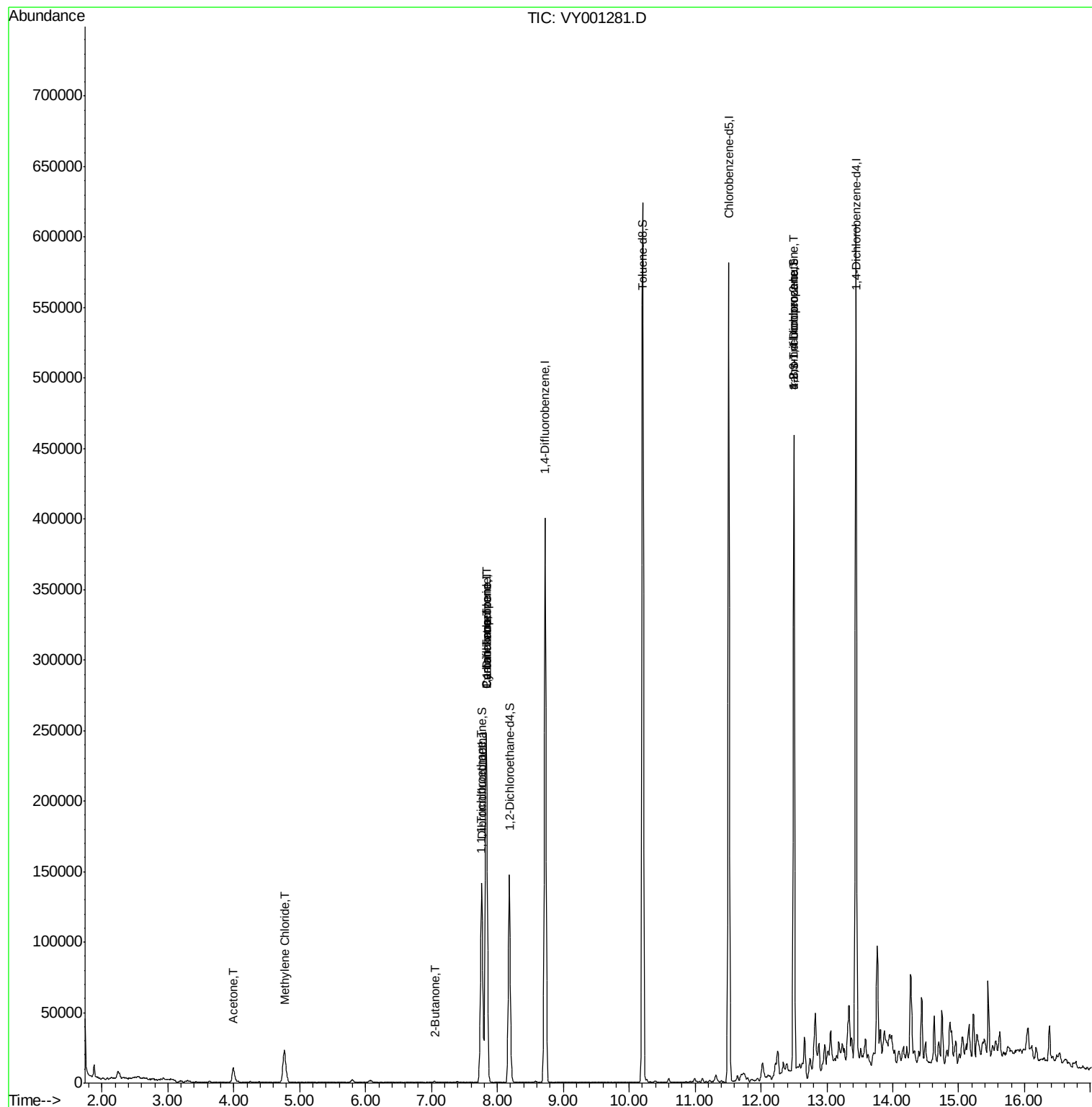
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.99	43	17723	37.50	ug/l	96
20) Methylene Chloride	4.77	84	17555	2.75	ug/l	96
25) 2-Butanone	7.05	43	820	1.11	ug/l #	47
31) Cyclohexane	7.83	56	4068	1.03	ug/l #	1
32) 1,1,1-Trichloroethane	7.75	97	4430	1.37	ug/l #	50
36) 1,1-Dichloropropene	7.83	75	15139	4.82	ug/l #	48
38) Carbon Tetrachloride	7.83	117	18732	6.51	ug/l #	16
76) 1,2,3-Trichloropropane	12.50	75	73925	46.73	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.50	75	73925	79.24	ug/l #	6

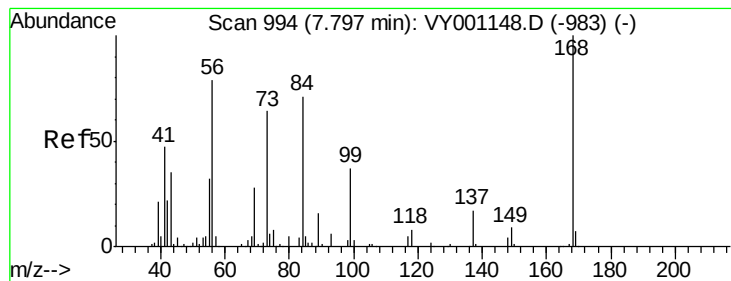
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.83 min Scan# 1000

Delta R.T. 0.04 min

Lab File: VY001281.D

Acq: 17 Jan 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

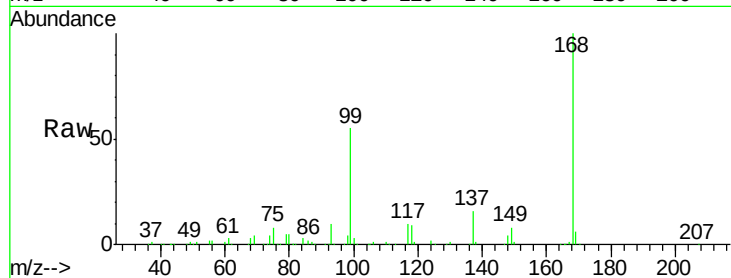
B3-0-15

Tgt Ion:168 Resp: 192663

Ion Ratio Lower Upper

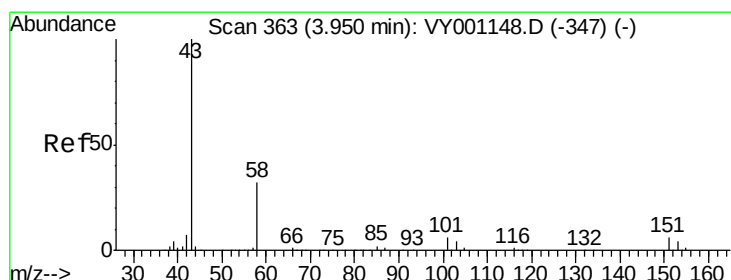
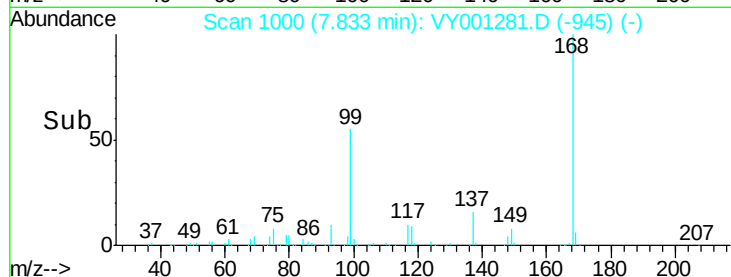
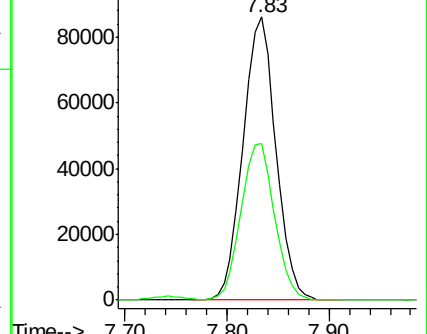
168 100

99 55.5 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)



#16

Acetone

Concen: 37.50 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.04 min

Lab File: VY001281.D

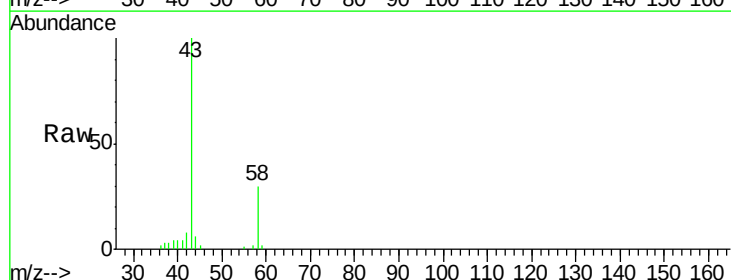
Acq: 17 Jan 2020 21:15

Tgt Ion: 43 Resp: 17723

Ion Ratio Lower Upper

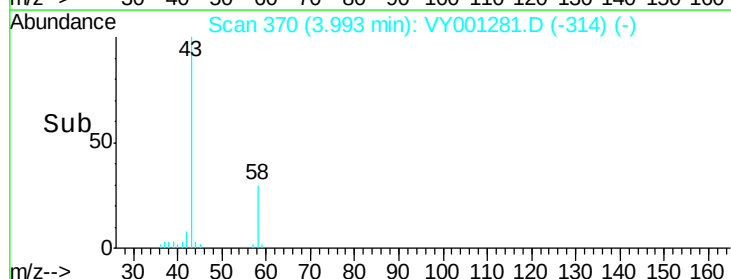
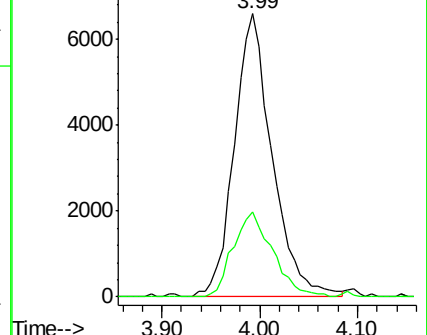
43 100

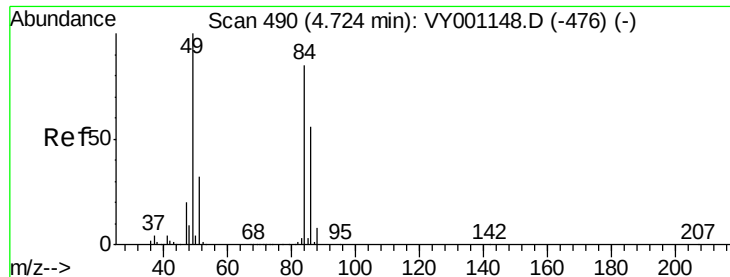
58 30.1 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001148.D (-347) (-)

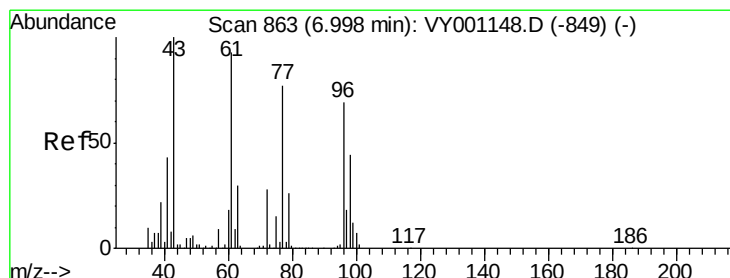
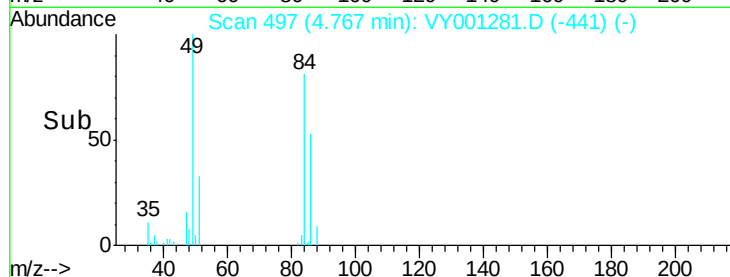
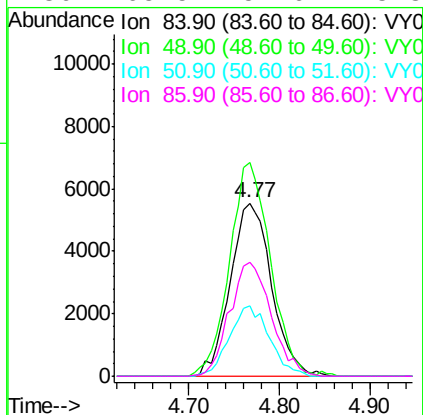
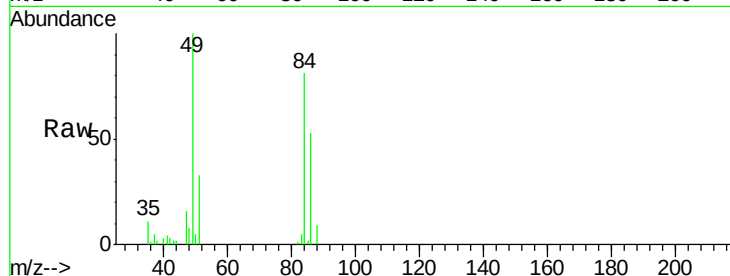




#20
Methylene Chloride
Concen: 2.75 ug/l
RT: 4.77 min Scan# 497
Delta R.T. 0.04 min
Lab File: VY001281.D
Acq: 17 Jan 2020 21:15

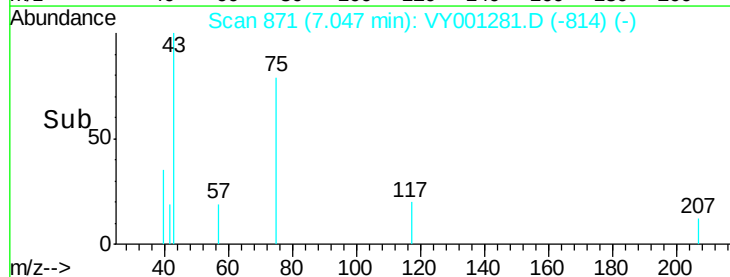
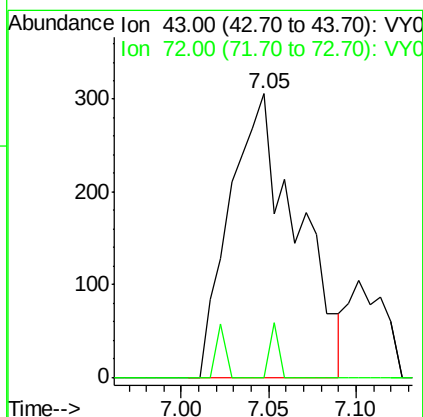
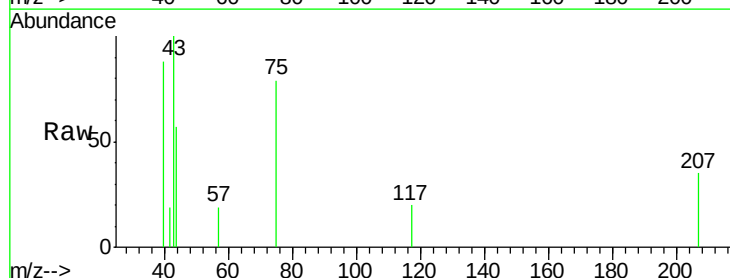
Instrument :
MSVOA_Y
ClientSampled :
B3-0-15

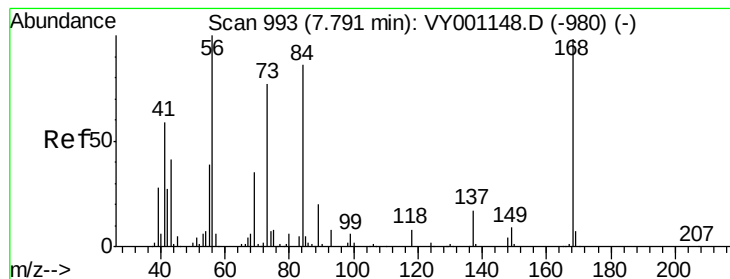
Tgt Ion:	84	Resp:	17555
Ion	Ratio	Lower	Upper
84	100		
49	123.3	93.8	140.6
51	40.4	29.9	44.9
86	65.5	52.6	78.8



#25
2-Butanone
Concen: 1.11 ug/l
RT: 7.05 min Scan# 871
Delta R.T. 0.05 min
Lab File: VY001281.D
Acq: 17 Jan 2020 21:15

Tgt Ion:	43	Resp:	820
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.2	33.2#





#31

Cyclohexane

Concen: 1.03 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.04 min

Lab File: VY001281.D

Acq: 17 Jan 2020 21:15

Instrument :

MSVOA_Y

ClientSampled :

B3-0-15

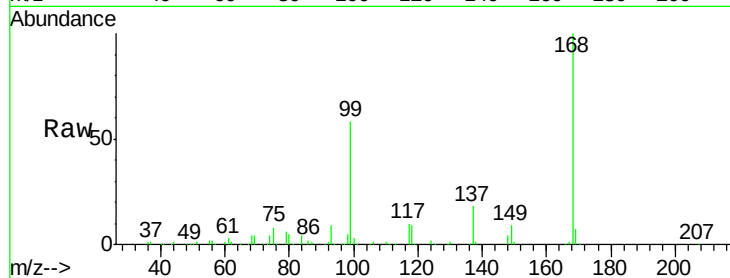
Tgt Ion: 56 Resp: 4068

Ion Ratio Lower Upper

56 100

69 171.0 27.8 41.8#

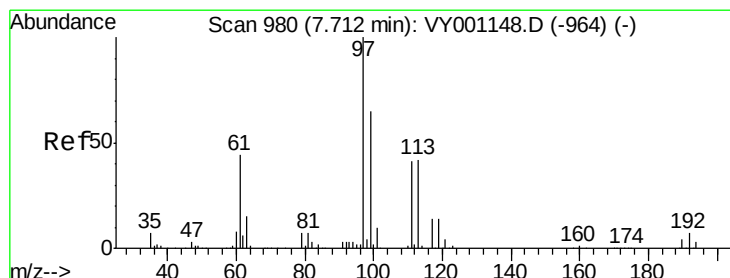
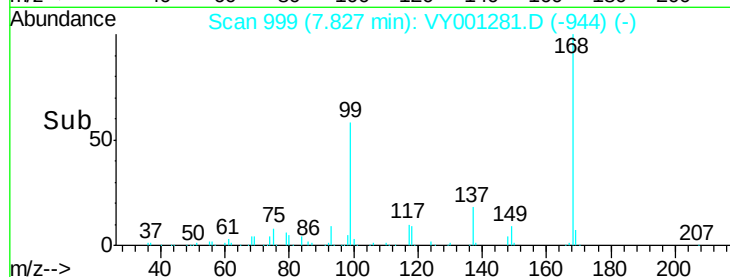
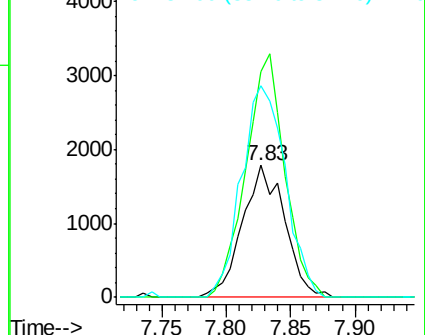
84 160.6 68.9 103.3#



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



#32

1,1,1-Trichloroethane

Concen: 1.37 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.04 min

Lab File: VY001281.D

Acq: 17 Jan 2020 21:15

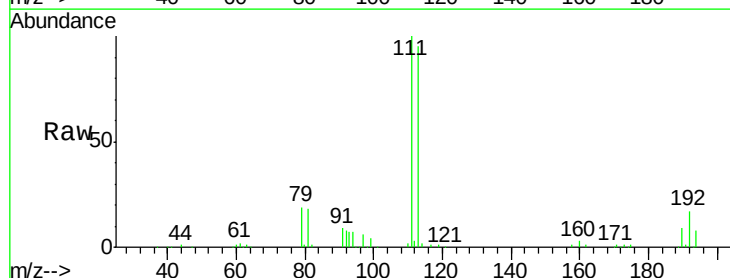
Tgt Ion: 97 Resp: 4430

Ion Ratio Lower Upper

97 100

99 0.0 51.3 76.9#

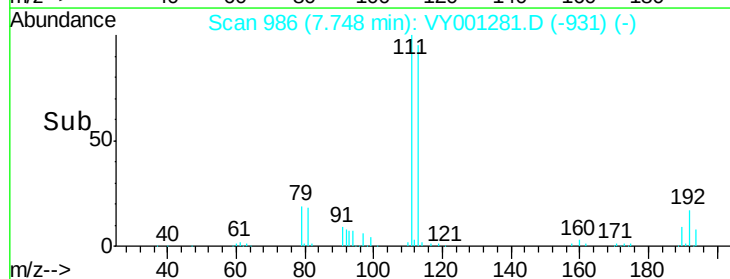
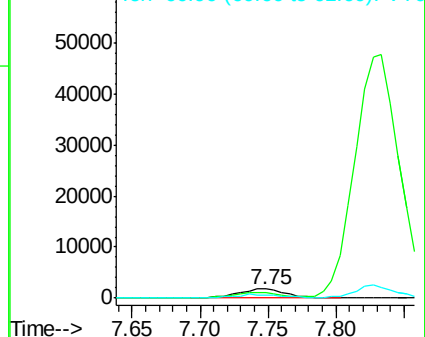
61 41.7 34.6 52.0

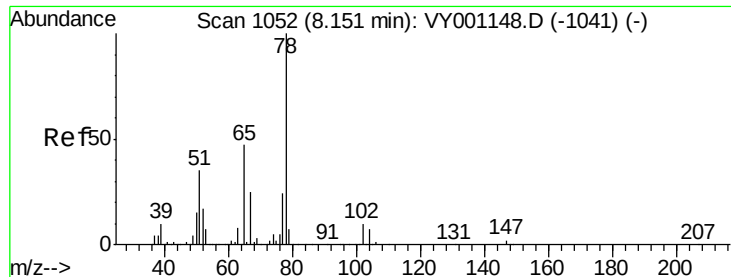


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

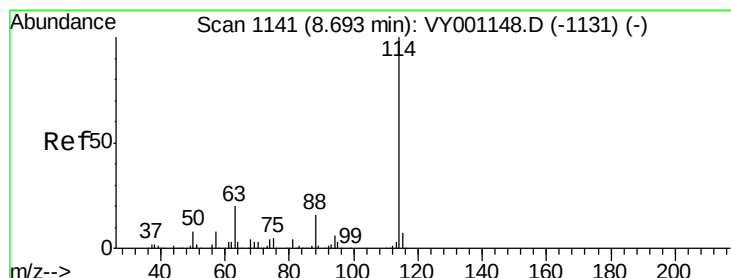
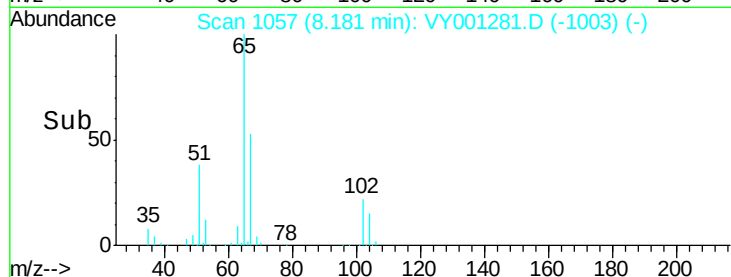
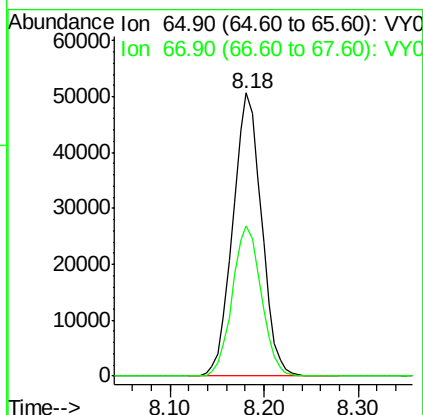
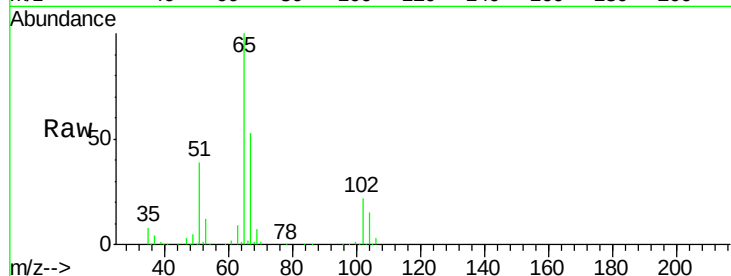




#33
 1,2-Dichloroethane-d4
 Concen: 52.85 ug/l
 RT: 8.18 min Scan# 1057
 Delta R.T. 0.03 min
 Lab File: VY001281.D
 Acq: 17 Jan 2020 21:15

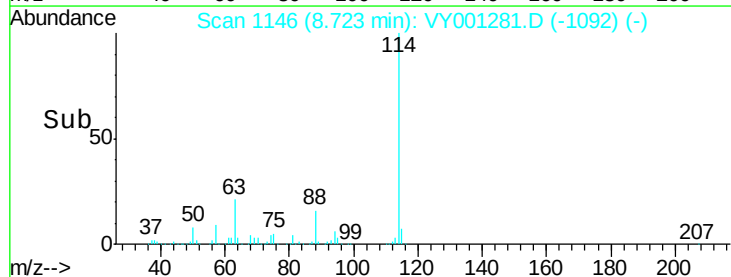
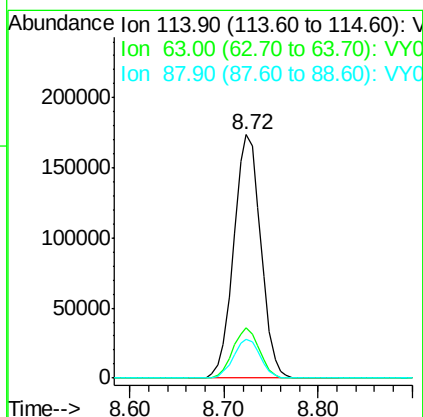
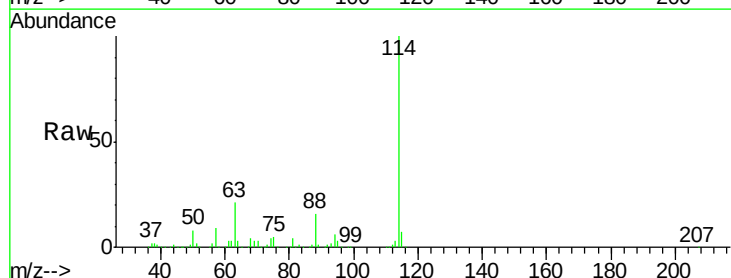
Instrument :
 MSVOA_Y
 ClientSampleId :
 B3-0-15

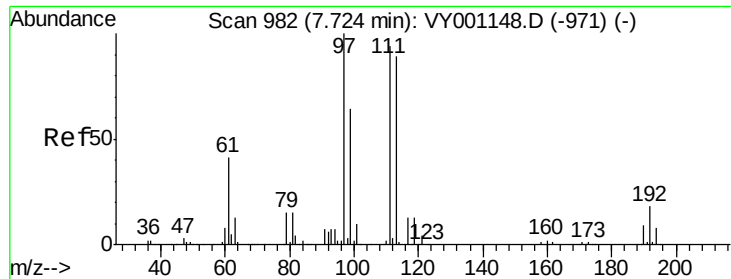
Tgt Ion: 65 Resp: 107550
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.72 min Scan# 1146
 Delta R.T. 0.03 min
 Lab File: VY001281.D
 Acq: 17 Jan 2020 21:15

Tgt Ion: 114 Resp: 344428
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.8
 88 16.2 0.0 32.4

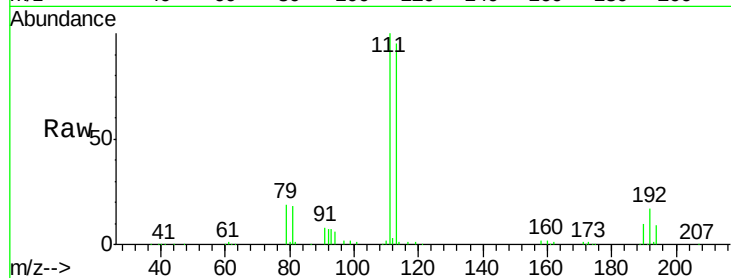




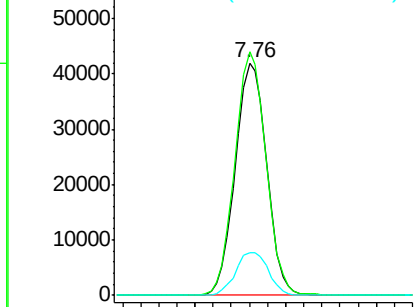
#35
 Dibromofluoromethane
 Concen: 50.18 ug/l
 RT: 7.76 min Scan# 988
 Delta R.T. 0.04 min
 Lab File: VY001281.D
 Acq: 17 Jan 2020 21:15

Instrument :
 MSVOA_Y
 ClientSampled :
 B3-0-15

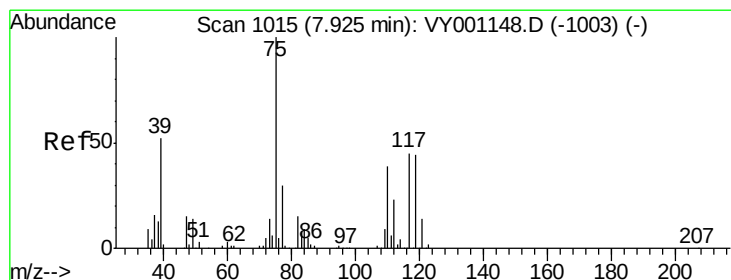
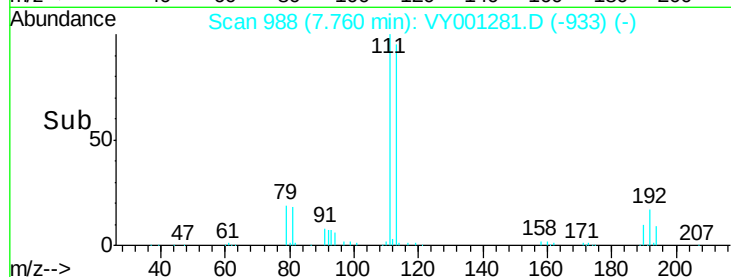
Tgt Ion: 113 Resp: 101200
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.9 124.3
 192 19.2 15.4 23.2



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

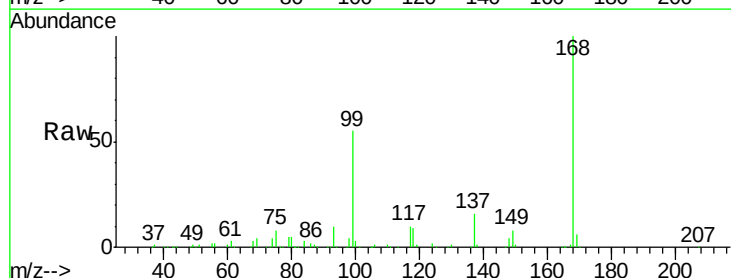


Time-->

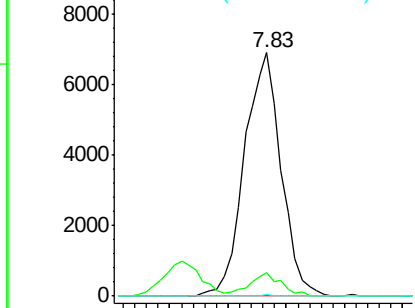


#36
 1,1-Dichloropropene
 Concen: 4.82 ug/l
 RT: 7.83 min Scan# 1000
 Delta R.T. -0.09 min
 Lab File: VY001281.D
 Acq: 17 Jan 2020 21:15

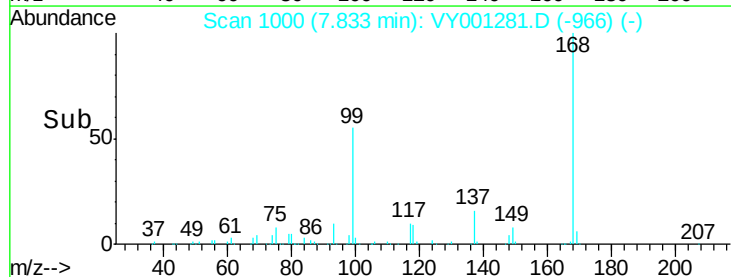
Tgt Ion: 75 Resp: 15139
 Ion Ratio Lower Upper
 75 100
 110 8.3 18.3 54.8#
 77 0.1 25.1 37.7#

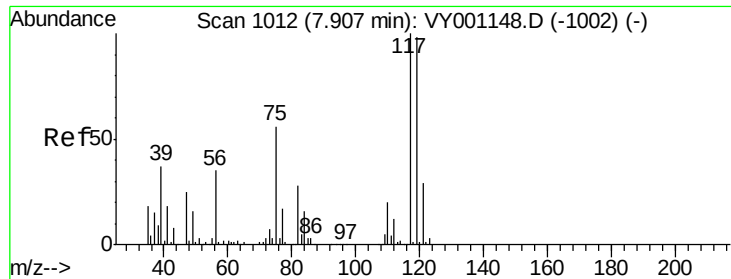


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0



Time-->

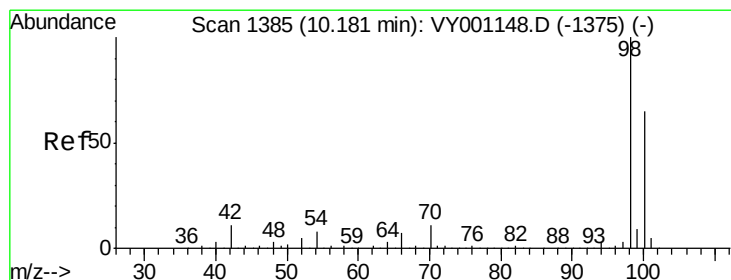
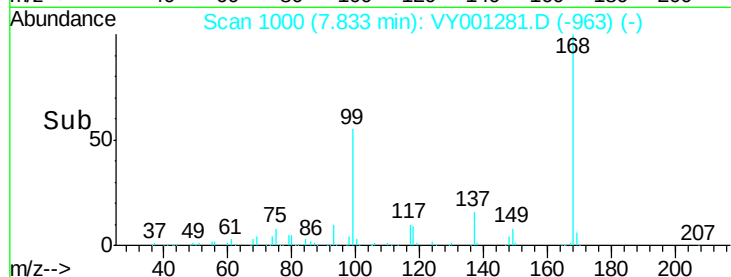
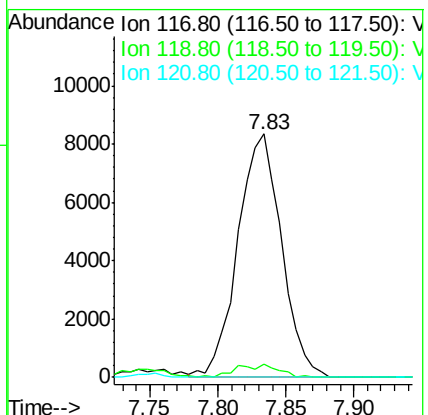
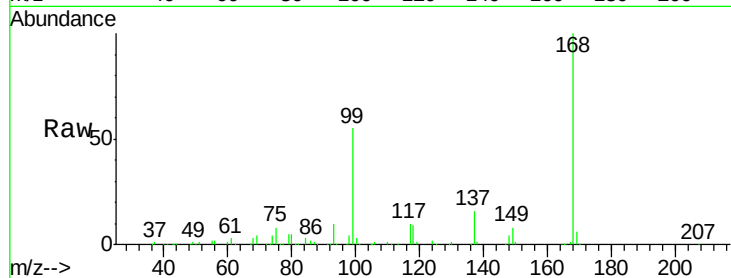




#38
Carbon Tetrachloride
Concen: 6.51 ug/l
RT: 7.83 min Scan# 1000
Delta R.T. -0.07 min
Lab File: VY001281.D
Acq: 17 Jan 2020 21:15

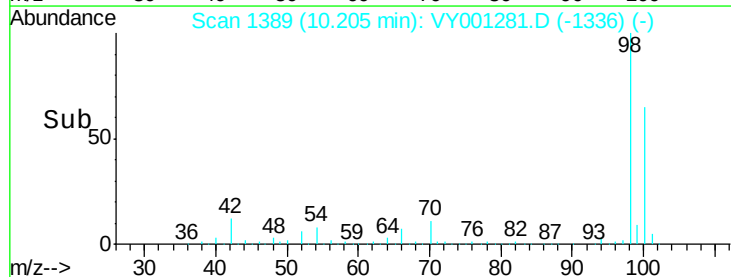
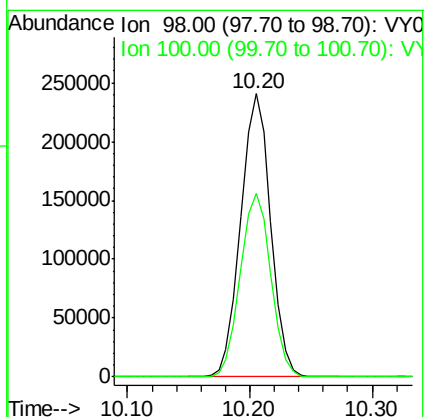
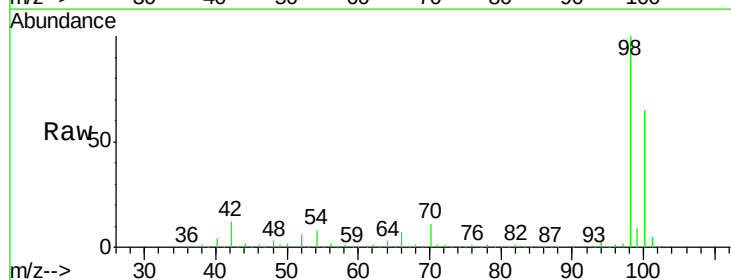
Instrument :
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B3-0-15

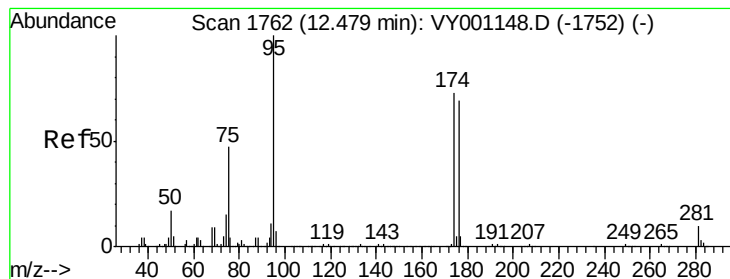
Tgt Ion: 117 Resp: 18732
Ion Ratio Lower Upper
117 100
119 5.6 78.3 117.5#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 52.42 ug/l
RT: 10.20 min Scan# 1389
Delta R.T. 0.02 min
Lab File: VY001281.D
Acq: 17 Jan 2020 21:15

Tgt Ion: 98 Resp: 407338
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 47.30 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.02 min

Lab File: VY001281.D

Acq: 17 Jan 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

B3-0-15

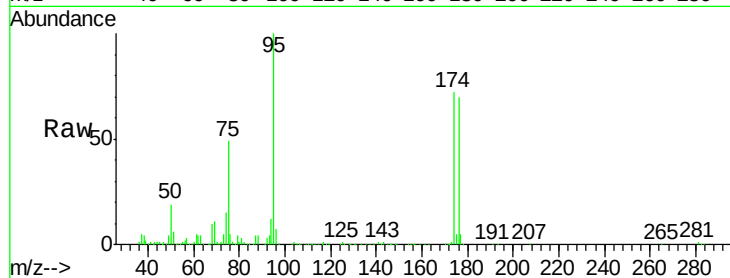
Tgt Ion: 95 Resp: 150252

Ion Ratio Lower Upper

95 100

174 76.4 0.0 143.2

176 73.3 0.0 136.0

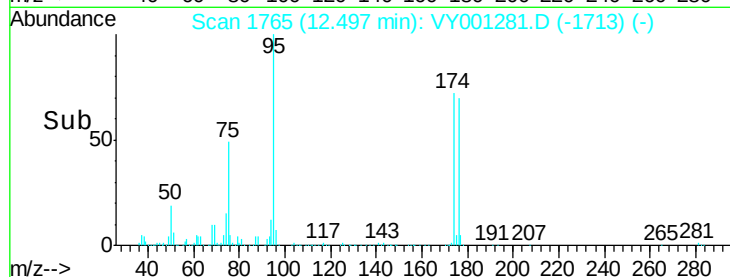


Abundance Ion 94.90 (94.60 to 95.60): VY001148.D (-1752) (-)

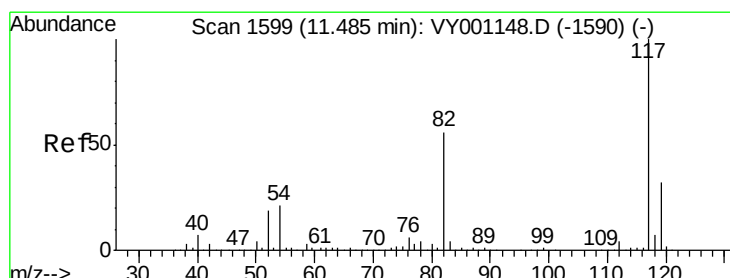
Ion 173.80 (173.50 to 174.50): VY001148.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY001148.D (-1752) (-)

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.51 min Scan# 1603

Delta R.T. 0.02 min

Lab File: VY001281.D

Acq: 17 Jan 2020 21:15

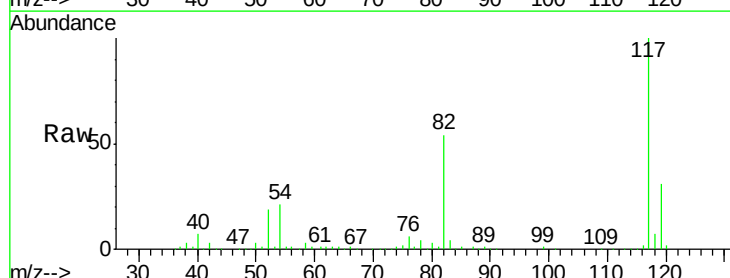
Tgt Ion: 117 Resp: 314311

Ion Ratio Lower Upper

117 100

82 53.7 44.9 67.3

119 31.2 25.7 38.5

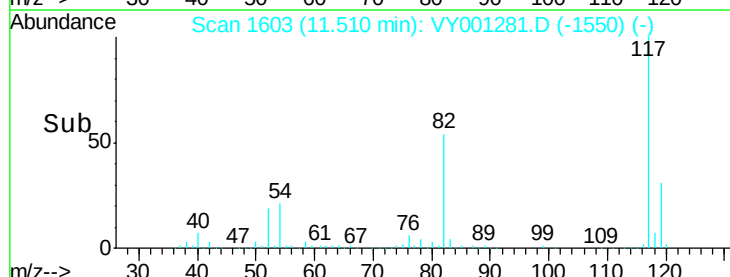


Abundance Ion 116.90 (116.60 to 117.60): VY001148.D (-1590) (-)

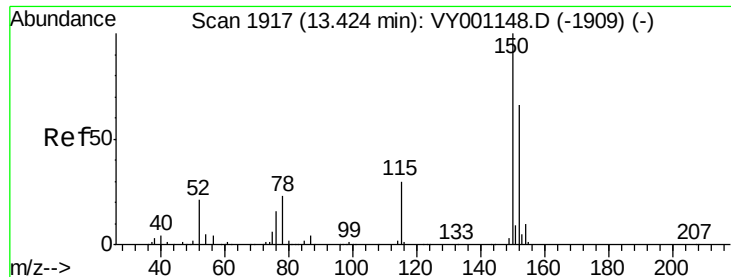
Ion 82.00 (81.70 to 82.70): VY001148.D (-1590) (-)

Ion 118.90 (118.60 to 119.60): VY001148.D (-1590) (-)

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.02 min

Lab File: VY001281.D

Acq: 17 Jan 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

B3-0-15

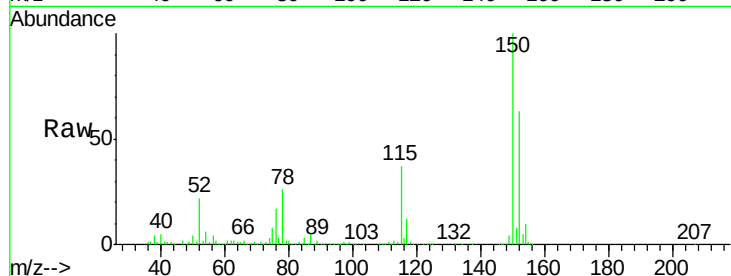
Tgt Ion:152 Resp: 147784

Ion Ratio Lower Upper

152 100

115 59.7 30.9 92.5

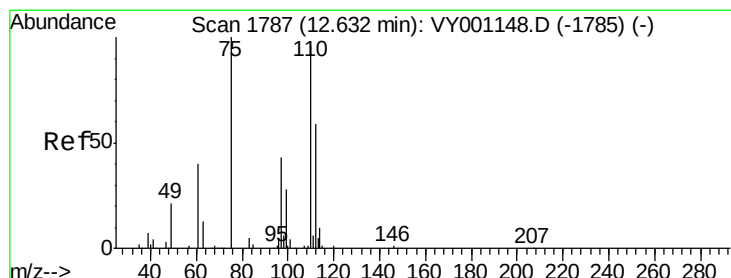
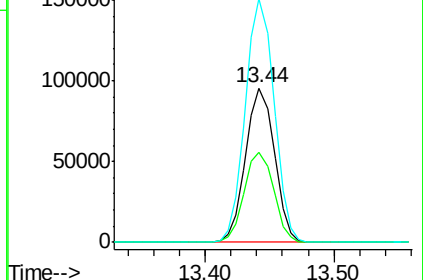
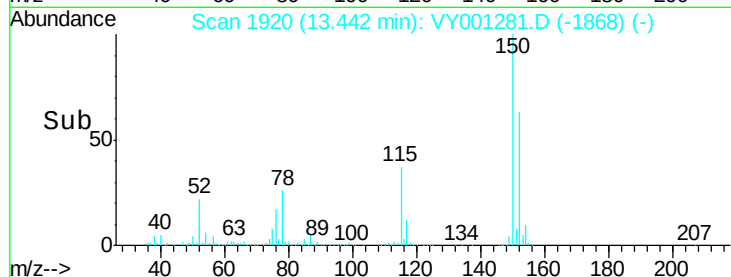
150 157.7 0.0 346.8



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: 46.73 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. -0.13 min

Lab File: VY001281.D

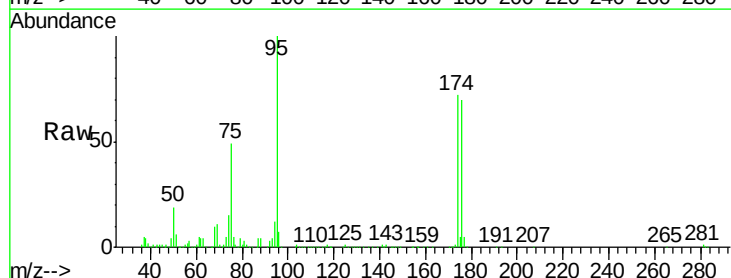
Acq: 17 Jan 2020 21:15

Tgt Ion: 75 Resp: 73925

Ion Ratio Lower Upper

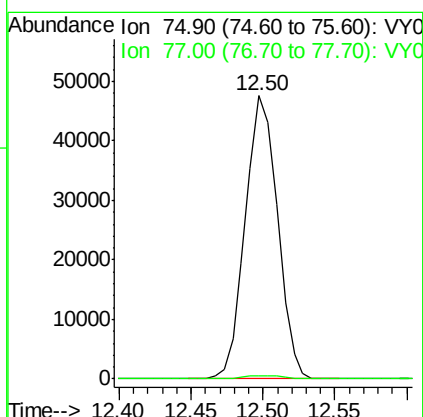
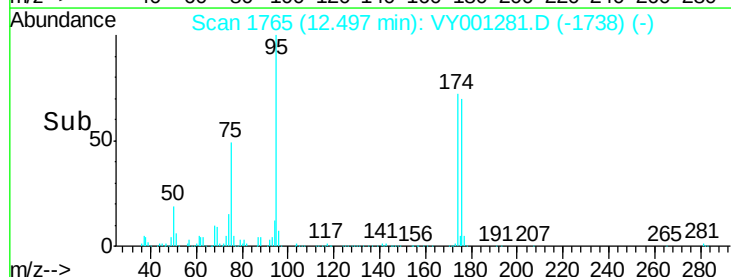
75 100

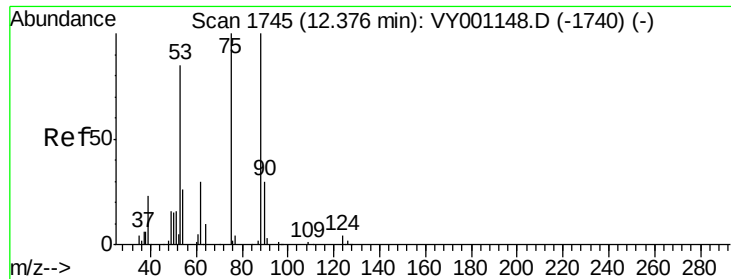
77 1.3 0.0 0.0#



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: 79.24 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.12 min

Lab File: VY001281.D

Acq: 17 Jan 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

B3-0-15

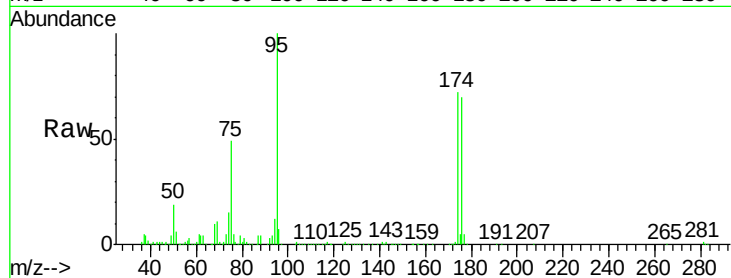
Tgt Ion: 75 Resp: 73925

Ion Ratio Lower Upper

75 100

53 0.5 69.4 104.2#

89 0.0 0.0 0.0



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

