

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
 Data File : VY001245.D
 Acq On : 16 Jan 2020 02:18
 Operator : SY/MD
 Sample : L1136-09
 Misc : 9.31G/5ML/MSVOA Y/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_FD_36-38

Quant Time: Jan 16 08:58:14 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

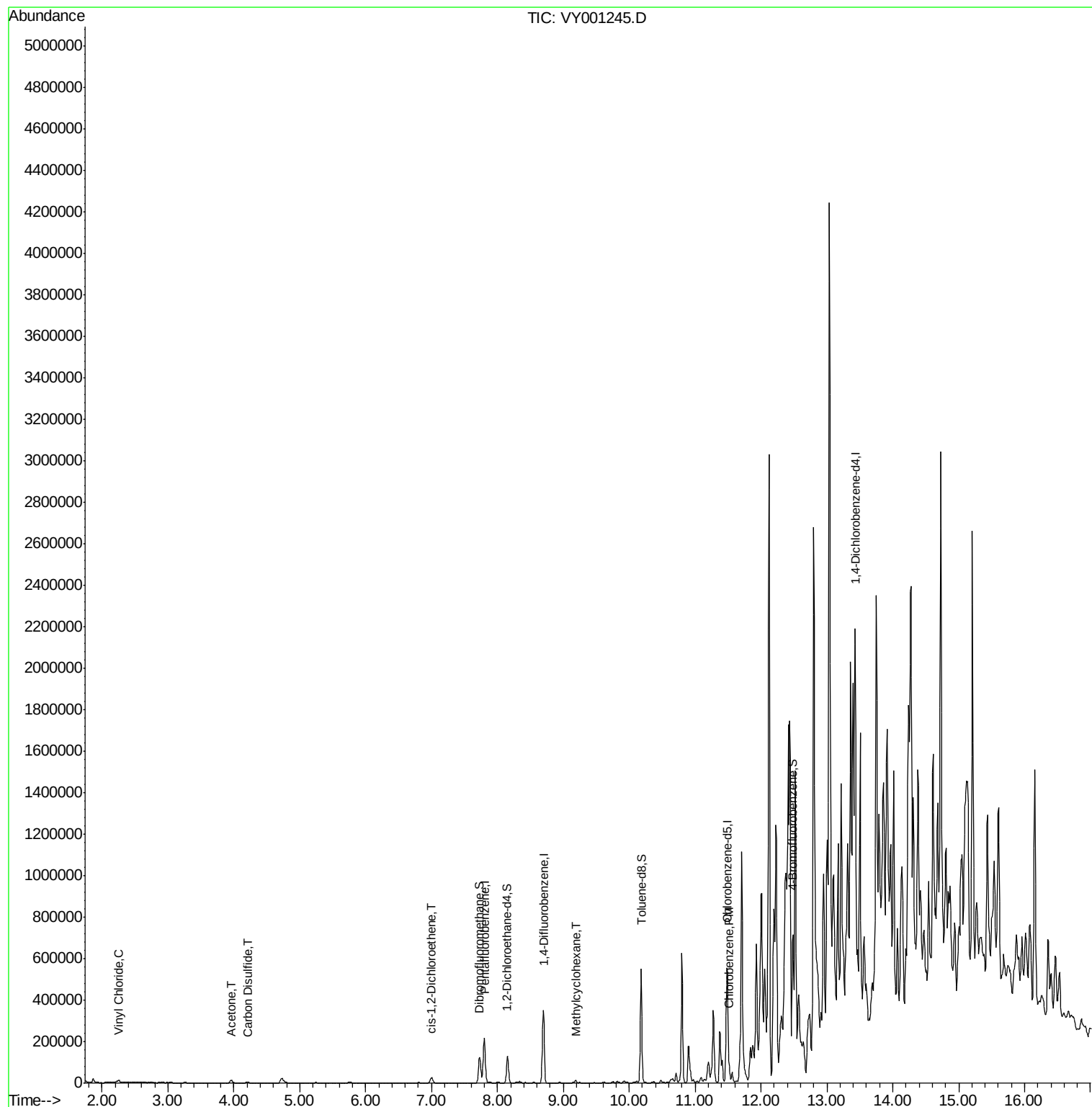
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	171380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	305230	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	259080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	125320	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	98751	54.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.12%	
35) Dibromofluoromethane	7.73	113	90121	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
50) Toluene-d8	10.18	98	351679	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.48	95	128281	45.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.14%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.25	62	6181	3.234	ug/l	100
16) Acetone	3.96	43	22535	53.607	ug/l	98
17) Carbon Disulfide	4.21	76	9791	1.727	ug/l #	94
27) cis-1,2-Dichloroethene	7.00	96	12204	5.606	ug/l	89
39) Methylcyclohexane	9.19	83	4533	1.202	ug/l	88
65) Chlorobenzene	11.52	112	29156	5.632	ug/l	96

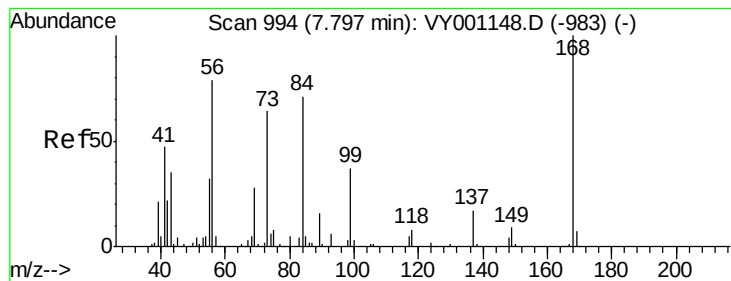
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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WP022SB457_200113_FD_36-38

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Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001245.D

Acq: 16 Jan 2020 02:18

Instrument :

MSVOA_Y

ClientSampleId :

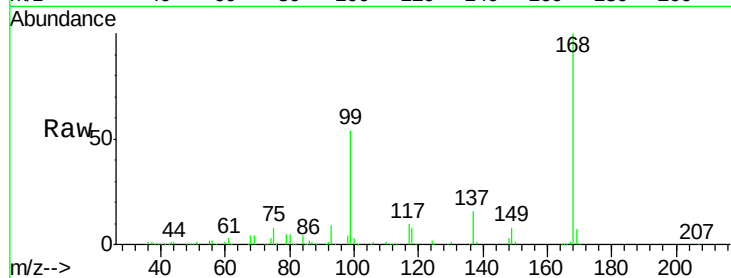
WP022SB457_200113_FD_36-38

Tot Ion:168 Resp: 171380

Ion Ratio Lower Upper

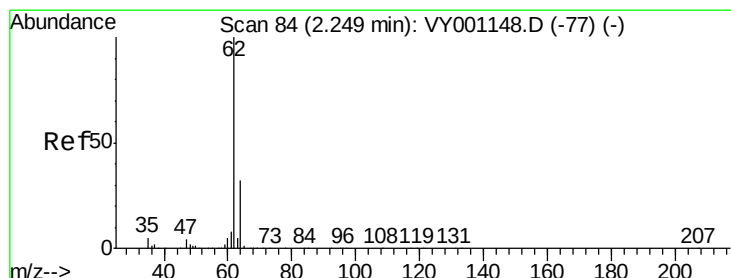
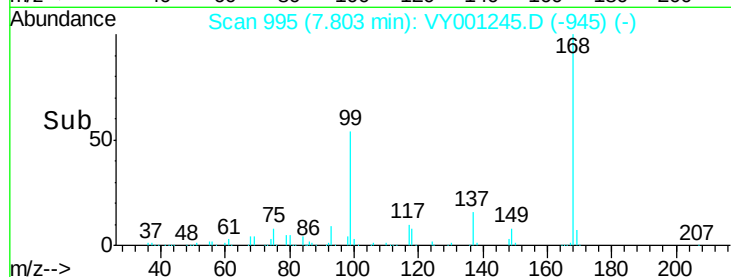
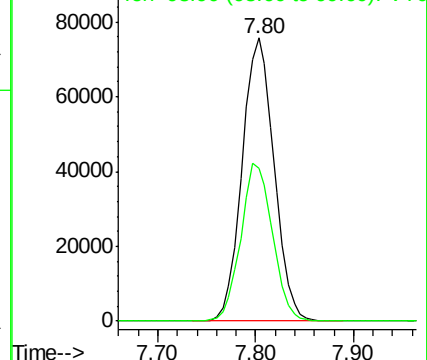
168 100

99 53.9 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) (-)



#4

Vinyl Chloride

Concen: 3.234 ug/l

RT: 2.25 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001245.D

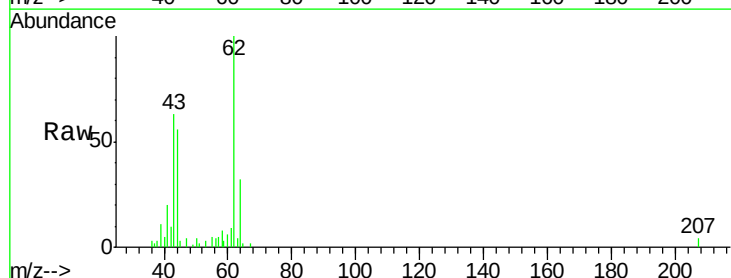
Acq: 16 Jan 2020 02:18

Tgt Ion: 62 Resp: 6181

Ion Ratio Lower Upper

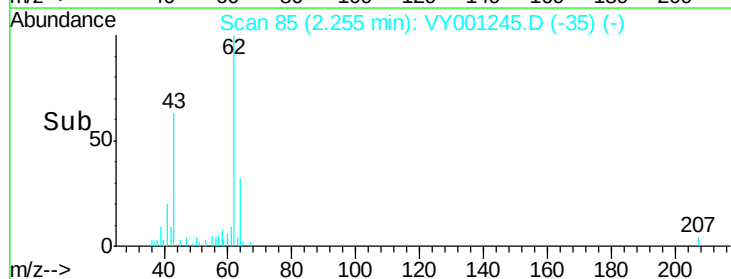
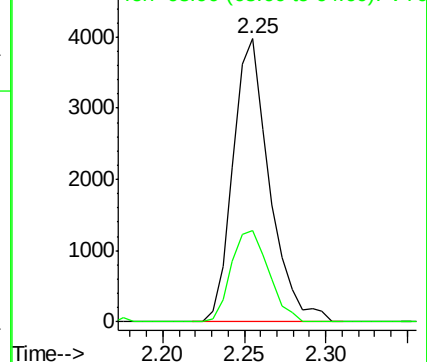
62 100

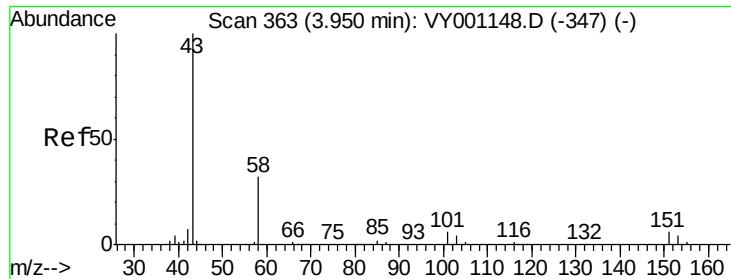
64 32.5 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VY001148.D (-77) (-)

Ion 63.90 (63.60 to 64.60): VY001148.D (-77) (-)





#16

Acetone

Concen: 53.607 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001245.D

Acq: 16 Jan 2020 02:18

Instrument :

MSVOA_Y

ClientSampleId :

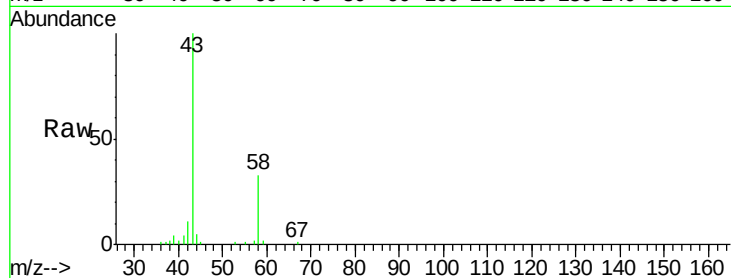
WP022SB457_200113_FD_36-38

Tot Ion: 43 Resp: 22535

Ion Ratio Lower Upper

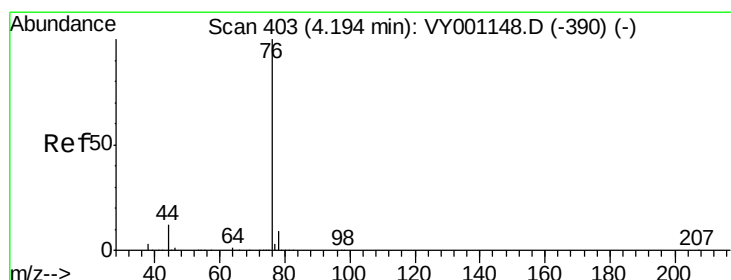
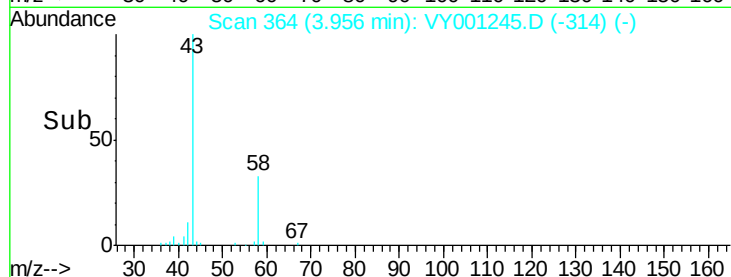
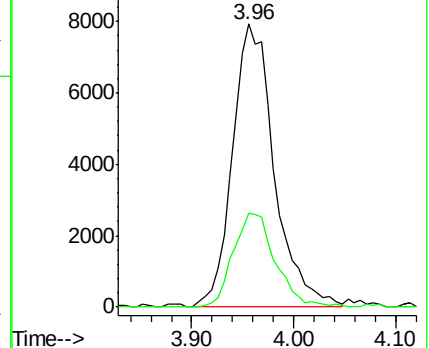
43 100

58 33.1 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#17

Carbon Disulfide

Concen: 1.727 ug/l

RT: 4.21 min Scan# 405

Delta R.T. 0.01 min

Lab File: VY001245.D

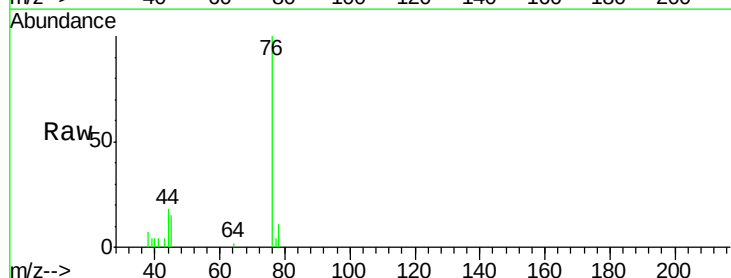
Acq: 16 Jan 2020 02:18

Tgt Ion: 76 Resp: 9791

Ion Ratio Lower Upper

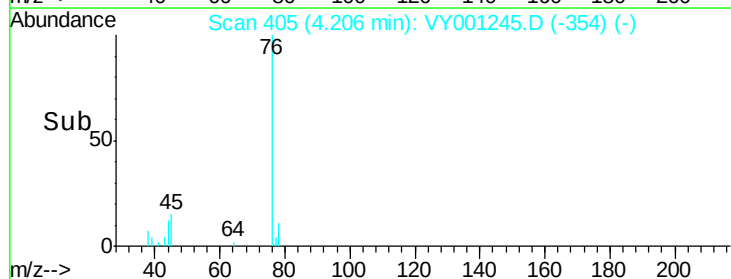
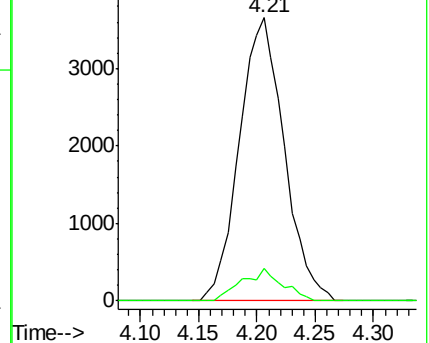
76 100

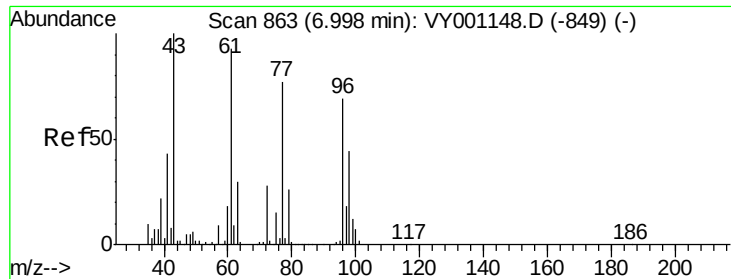
78 11.3 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



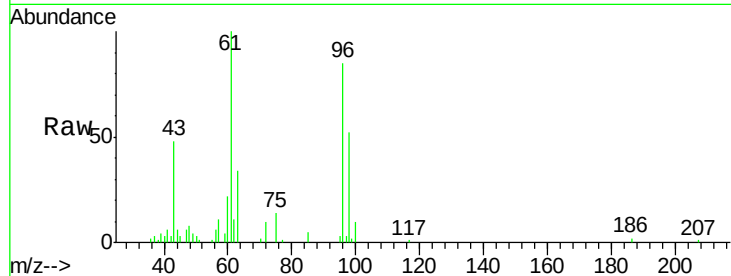


#27

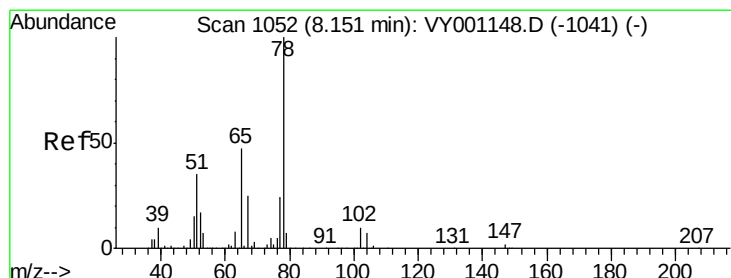
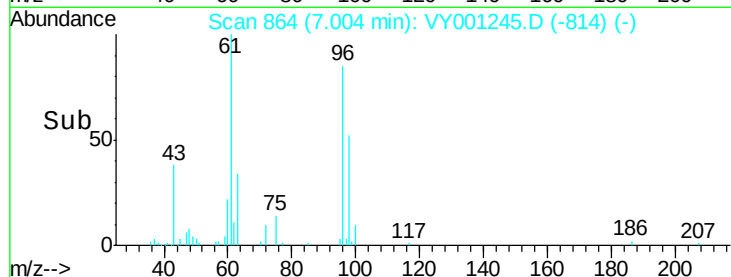
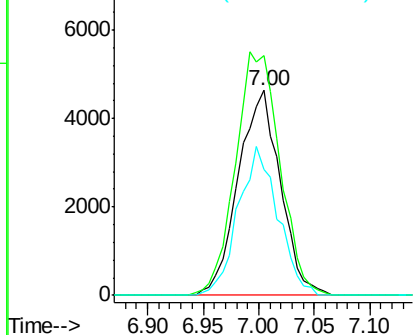
cis-1,2-Dichloroethene
 Concen: 5.606 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VY001245.D
 Acq: 16 Jan 2020 02:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_FD_36-38

Tot Ion: 96 Resp: 12204
 Ion Ratio Lower Upper
 96 100
 61 125.2 0.0 284.0
 98 68.2 0.0 130.2



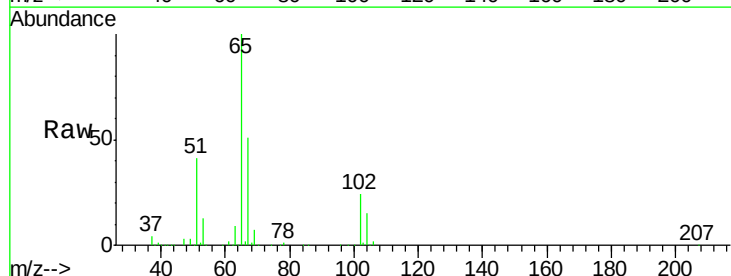
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



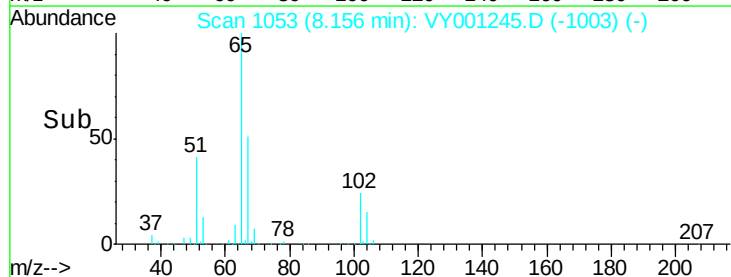
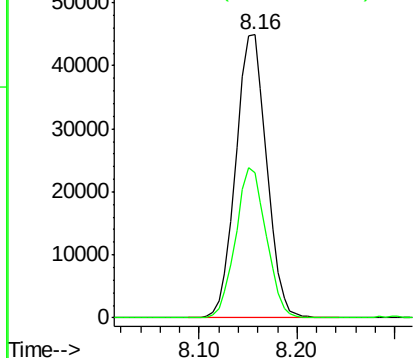
#33

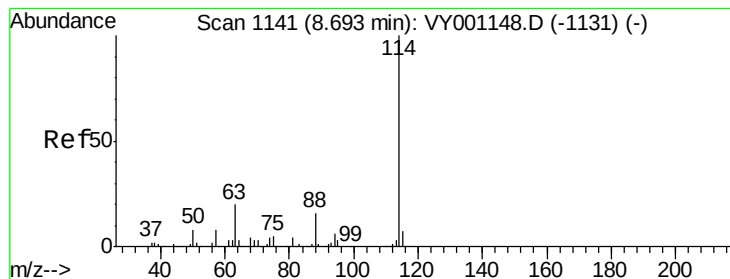
1,2-Dichloroethane-d4
 Concen: 54.556 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY001245.D
 Acq: 16 Jan 2020 02:18

Tgt Ion: 65 Resp: 98751
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
 Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001245.D

Acq: 16 Jan 2020 02:18

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB457_200113_FD_36-38

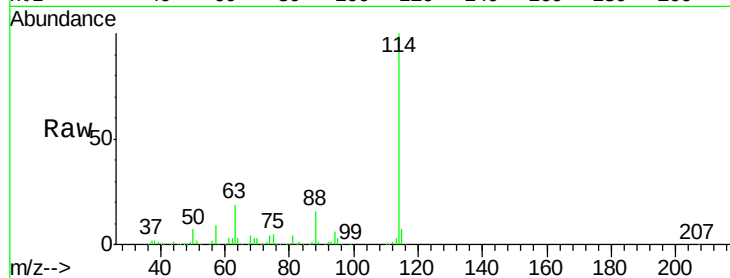
Tot Ion:114 Resp: 305230

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.8

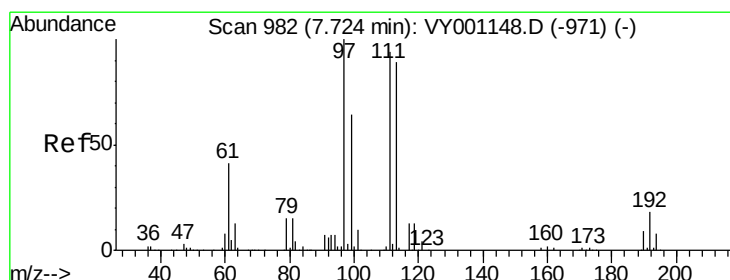
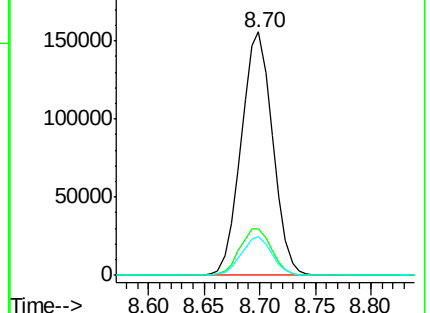
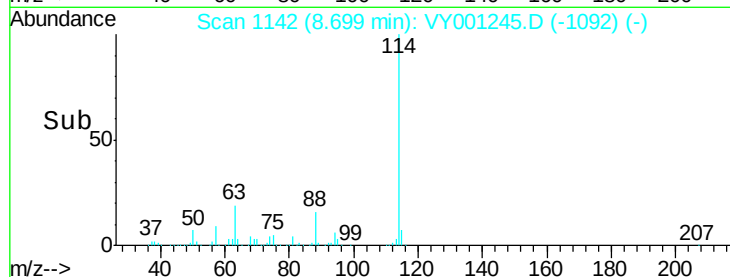
88 16.1 0.0 32.4



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: 50.428 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001245.D

Acq: 16 Jan 2020 02:18

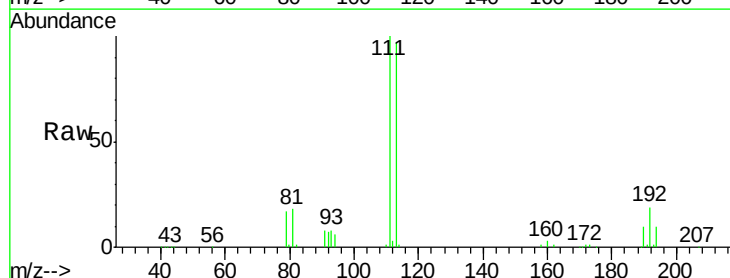
Tgt Ion:113 Resp: 90121

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

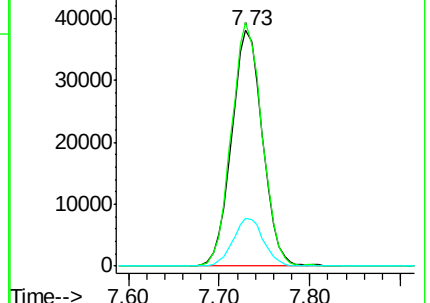
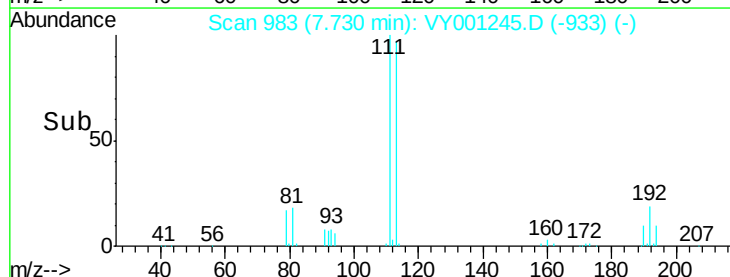
192 19.9 15.4 23.2

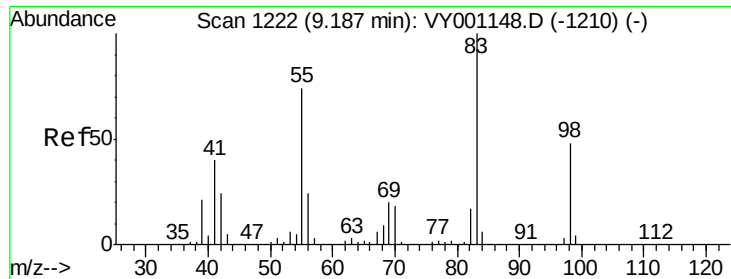


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

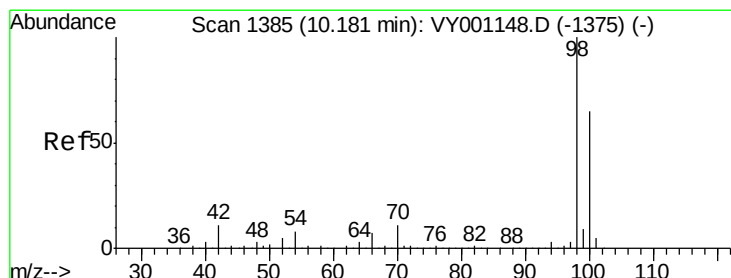
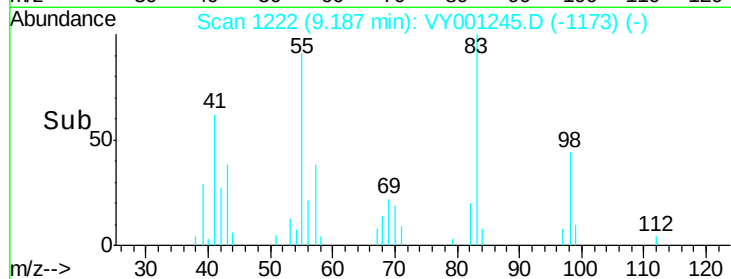
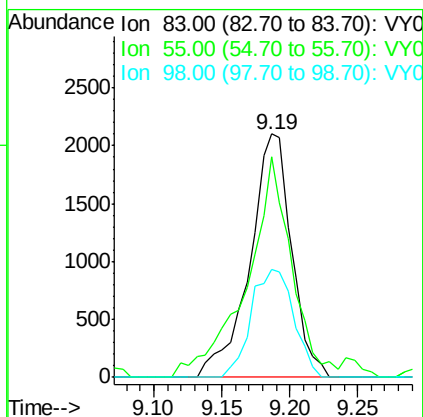
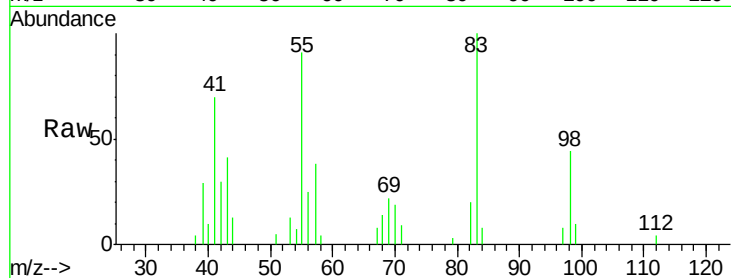




#39
Methylvlcyclohexane
Concen: 1.202 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

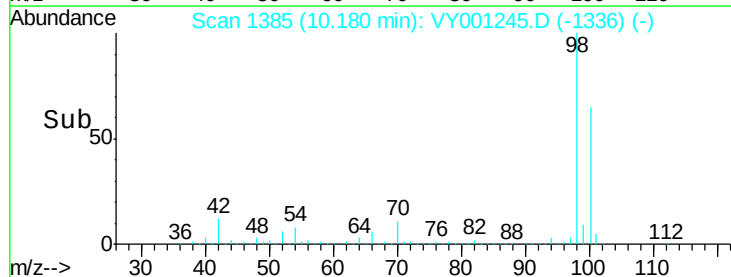
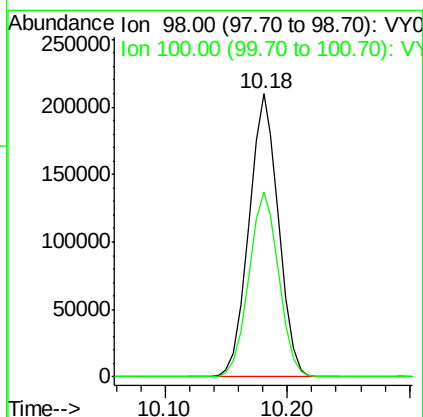
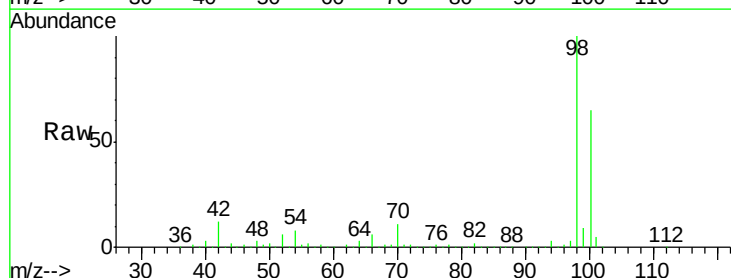
Instrument :
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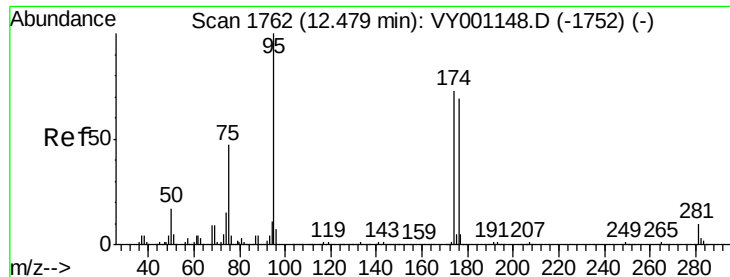
Tot Ion: 83 Resp: 4533
Ion Ratio Lower Upper
83 100
55 87.1 58.9 88.3
98 44.4 38.4 57.6



#50
Toluene-d8
Concen: 51.071 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Tgt Ion: 98 Resp: 351679
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7

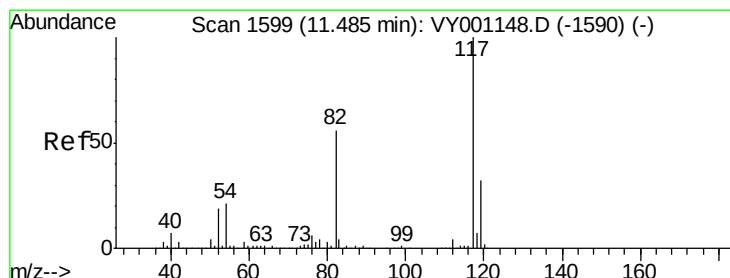
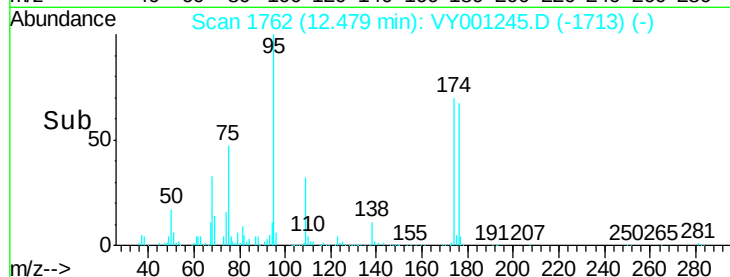
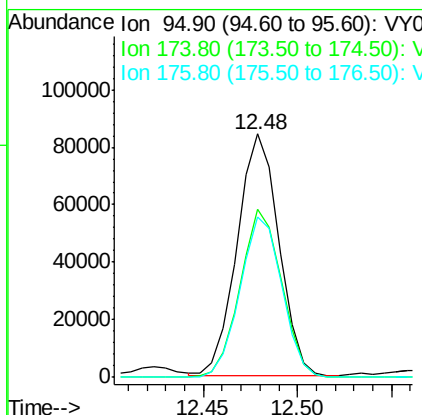
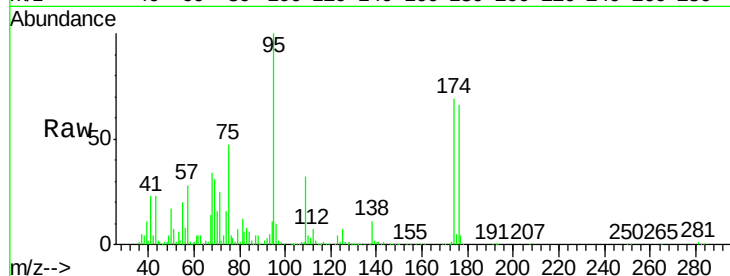




#62
4-Bromofluorobenzene
Concen: 45.567 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

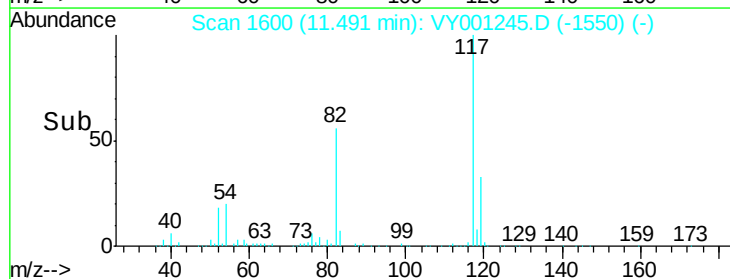
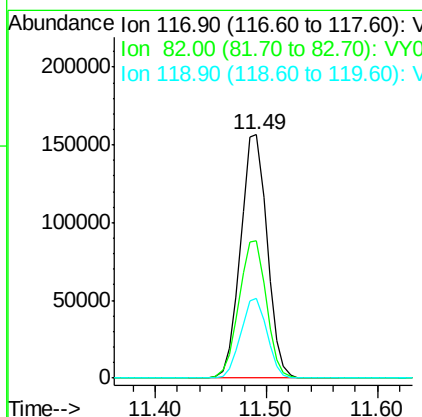
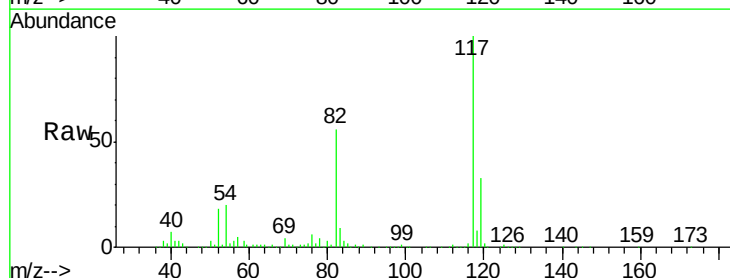
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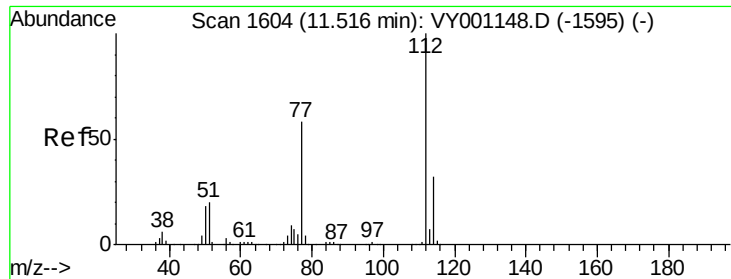
Tot Ion: 95 Resp: 128281
Ion Ratio Lower Upper
95 100
174 69.4 0.0 143.2
176 67.2 0.0 136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Tgt Ion: 117 Resp: 259080
Ion Ratio Lower Upper
117 100
82 56.3 44.9 67.3
119 32.8 25.7 38.5

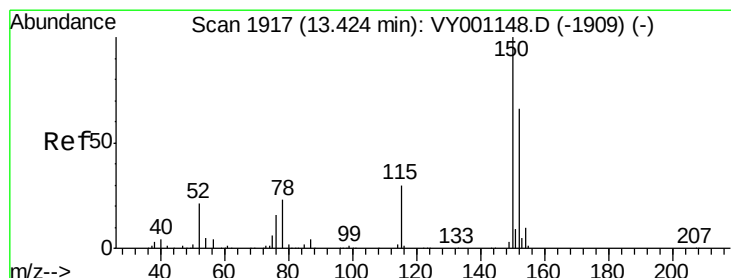
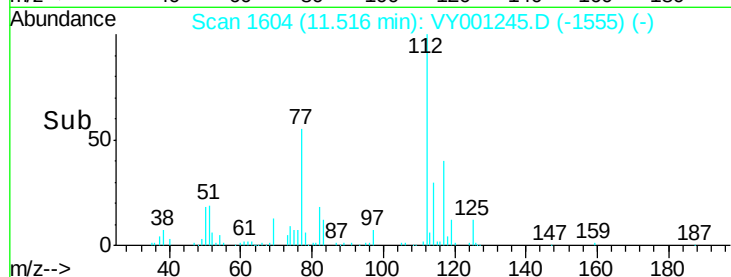
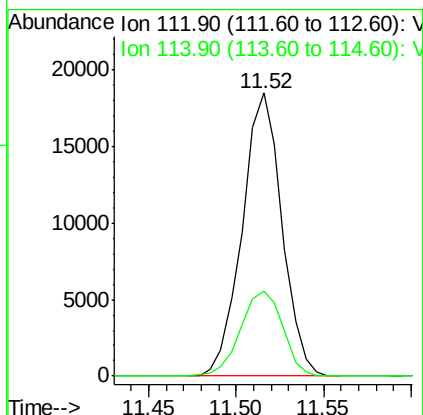
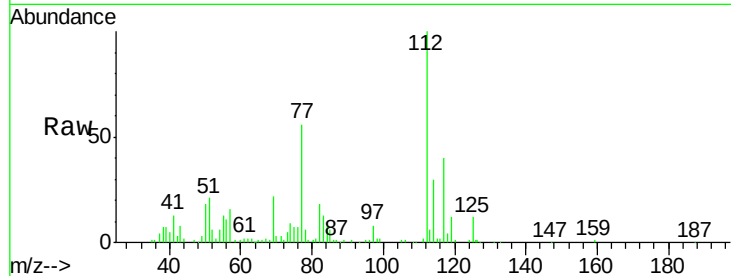




#65
Chlorobenzene
Concen: 5.632 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_FD_36-38

Tot Ion:112 Resp: 29156
Ion Ratio Lower Upper
112 100
114 30.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001245.D
Acq: 16 Jan 2020 02:18

Tgt Ion:152 Resp: 125320
Ion Ratio Lower Upper
152 100
115 51.5 30.9 92.5
150 131.5 0.0 346.8

