

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
 Data File : VY002289.D
 Acq On : 13 Apr 2020 18:38
 Operator : SY/MD
 Sample : L2229-27
 Misc : 5.96G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 14 07:27:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	138732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	277075	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	246521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	86674	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	81747	52.99	ug/l	0.00
Spiked Amount			Recovery	=	105.98%	
35) Dibromofluoromethane	7.74	113	83081	50.39	ug/l	0.00
Spiked Amount			Recovery	=	100.78%	
50) Toluene-d8	10.19	98	334748	48.51	ug/l	0.00
Spiked Amount			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	12.49	95	103669	45.54	ug/l	0.00
Spiked Amount			Recovery	=	91.08%	

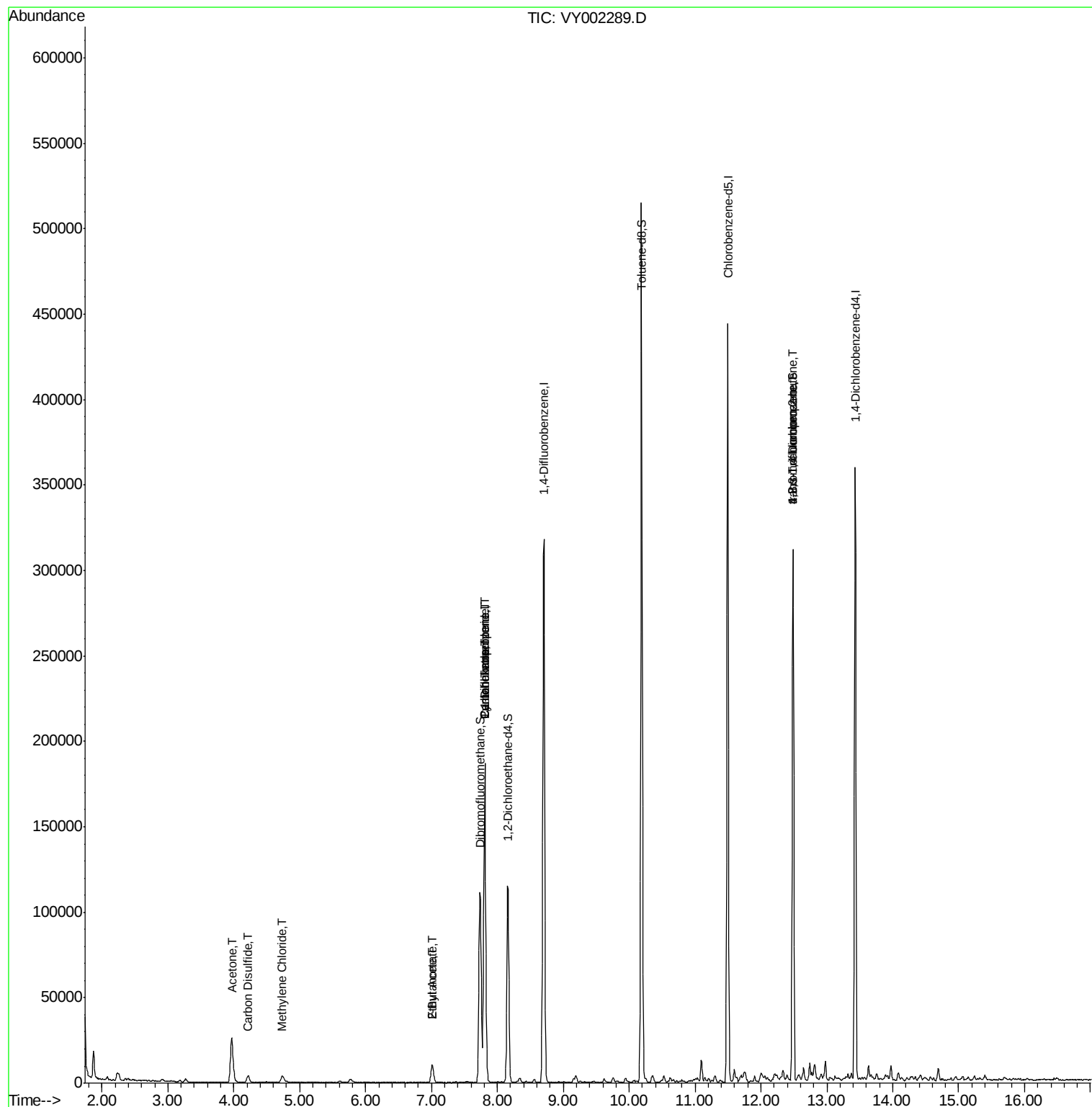
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	46830	115.246	ug/l	99
17) Carbon Disulfide	4.22	76	7639	1.373	ug/l	100
20) Methylene Chloride	4.74	84	2912	1.458	ug/l #	92
25) 2-Butanone	7.00	43	18425	28.652	ug/l	99
31) Cyclohexane	7.80	56	3531	1.086	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	11318	4.147	ug/l #	49
37) Ethyl Acetate	7.00	43	18425	11.818	ug/l #	68
38) Carbon Tetrachloride	7.80	117	14088	6.035	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	49995	49.673	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	49995	96.614	ug/l #	19

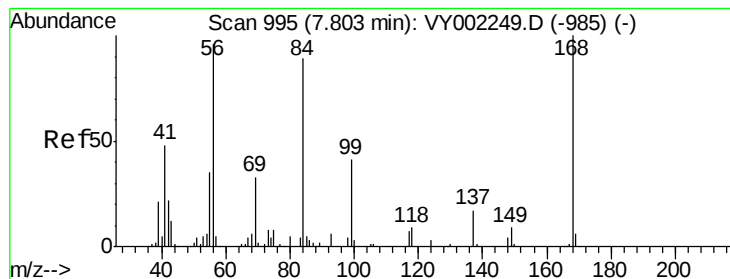
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 14 07:27:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002289.D

Acq: 13 Apr 2020 18:38

Instrument :

MSVOA_Y

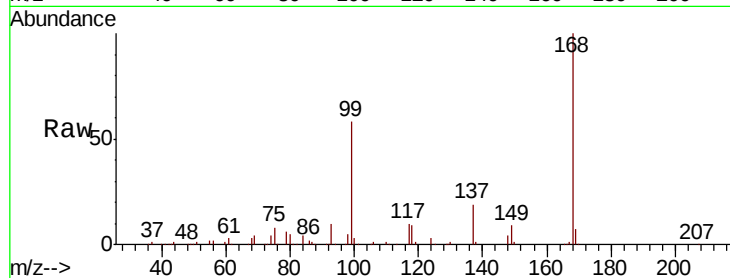
ClientSampled :

Tot Ion:168 Resp: 138732

Ion Ratio Lower Upper

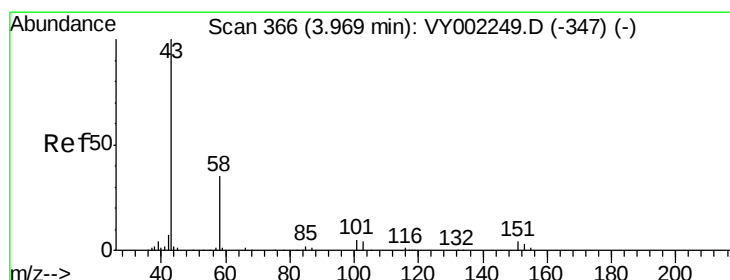
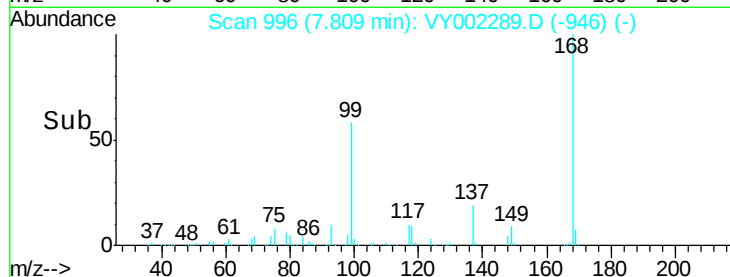
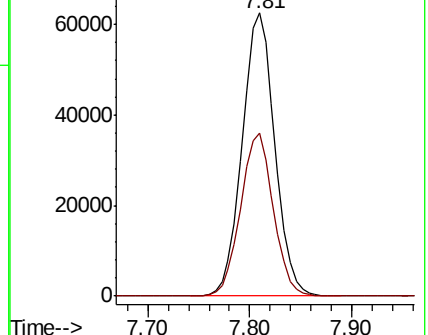
168 100

99 57.6 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002289.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY002289.D (-946) (-)



#16

Acetone

Concen: 115.246 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002289.D

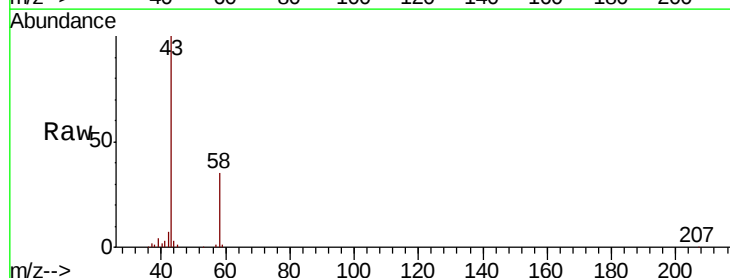
Acq: 13 Apr 2020 18:38

Tgt Ion: 43 Resp: 46830

Ion Ratio Lower Upper

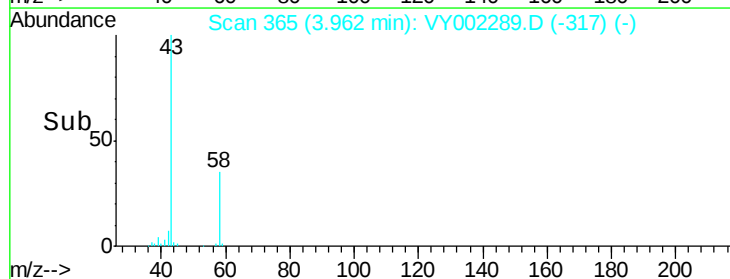
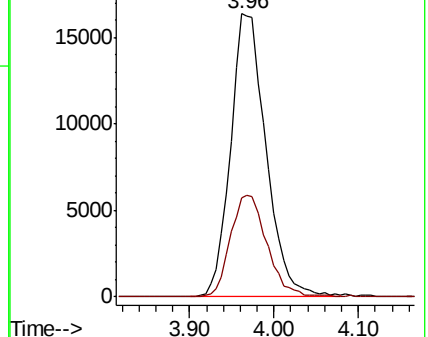
43 100

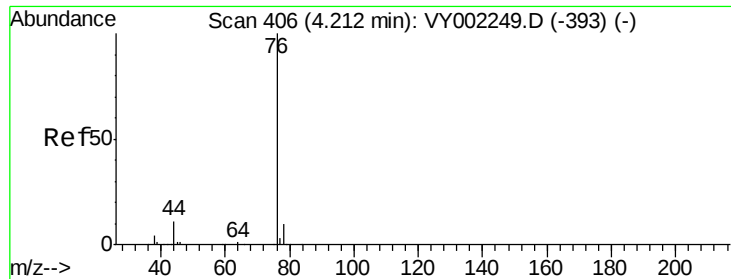
58 34.9 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002289.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VY002289.D (-317) (-)

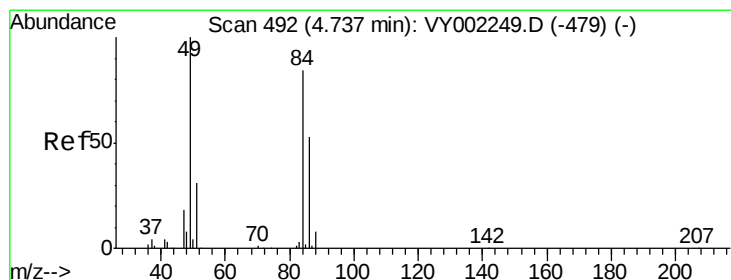
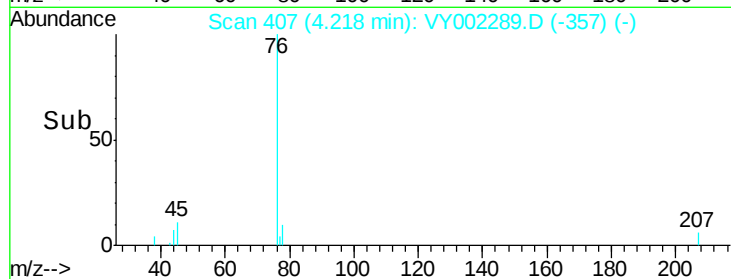
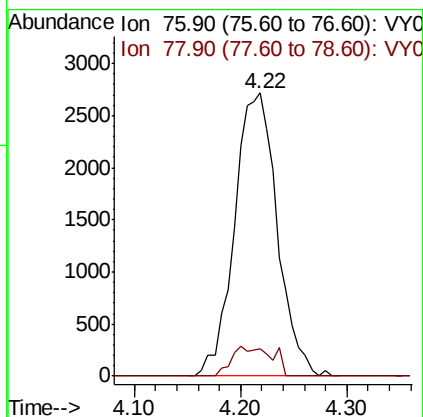
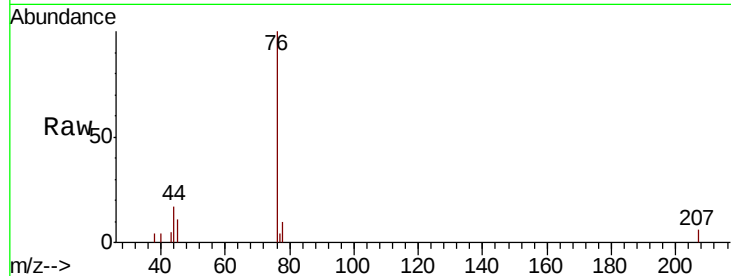




#17
Carbon Disulfide
Concen: 1.373 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.01 min
Lab File: VY002289.D
Acq: 13 Apr 2020 18:38

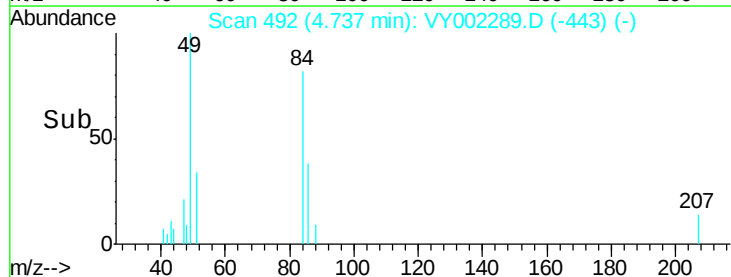
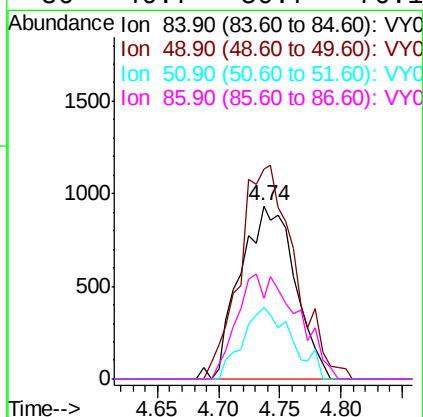
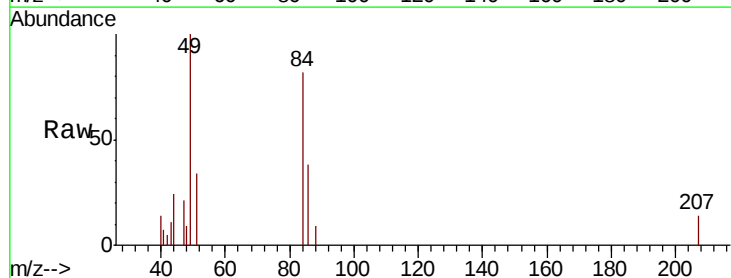
Instrument :
MSVOA_Y
ClientSampleId :

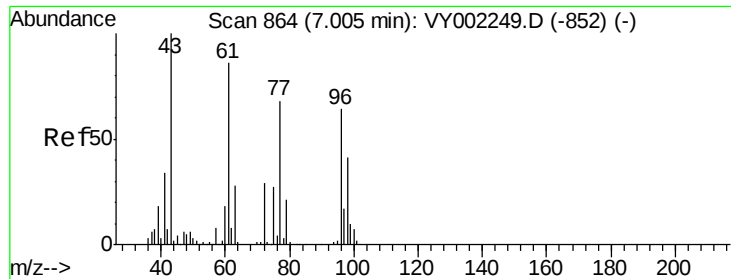
Tot Ion: 76 Resp: 7639
Ion Ratio Lower Upper
76 100
78 9.6 7.7 11.5



#20
Methylene Chloride
Concen: 1.458 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.00 min
Lab File: VY002289.D
Acq: 13 Apr 2020 18:38

Tgt Ion: 84 Resp: 2912
Ion Ratio Lower Upper
84 100
49 121.4 95.5 143.3
51 41.6 29.5 44.3
86 46.7 50.7 76.1#





#25

2-Butanone

Concen: 28.652 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY002289.D

Acq: 13 Apr 2020 18:38

Instrument :

MSVOA_Y

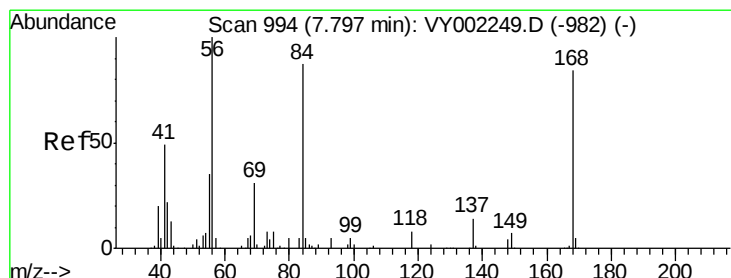
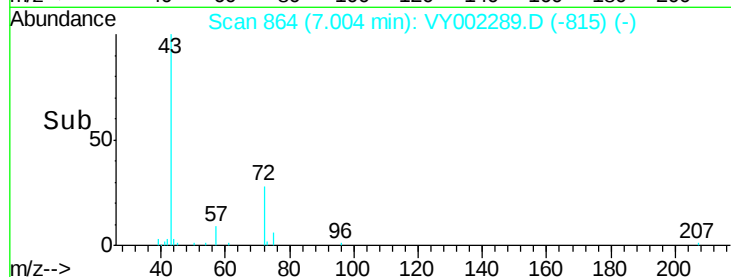
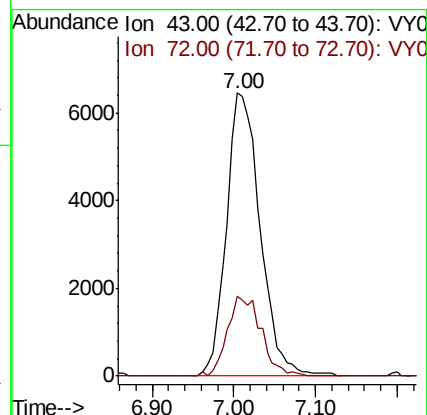
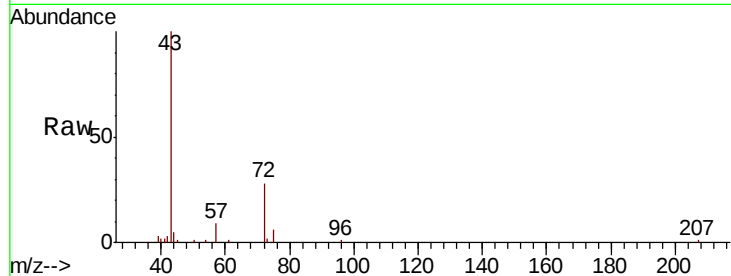
ClientSampleId :

Tot Ion: 43 Resp: 18425

Ion Ratio Lower Upper

43 100

72 28.2 23.2 34.8



#31

Cyclohexane

Concen: 1.086 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY002289.D

Acq: 13 Apr 2020 18:38

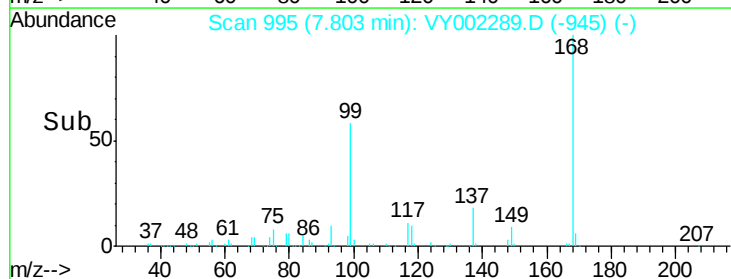
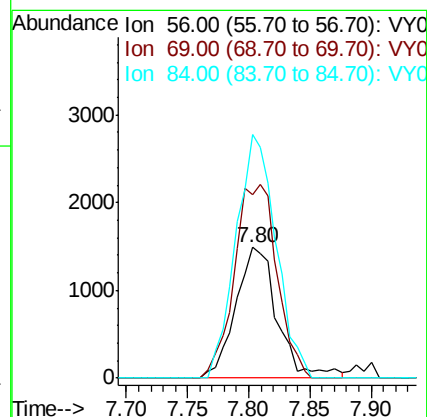
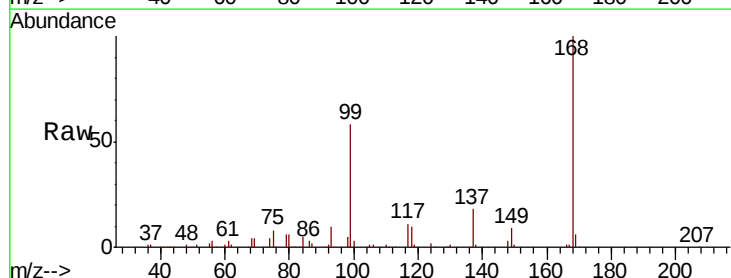
Tgt Ion: 56 Resp: 3531

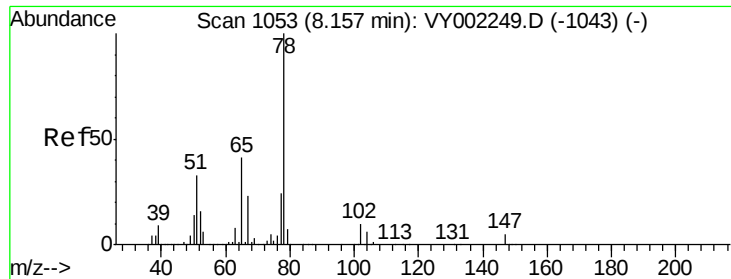
Ion Ratio Lower Upper

56 100

69 140.8 25.0 37.6#

84 186.6 69.7 104.5#

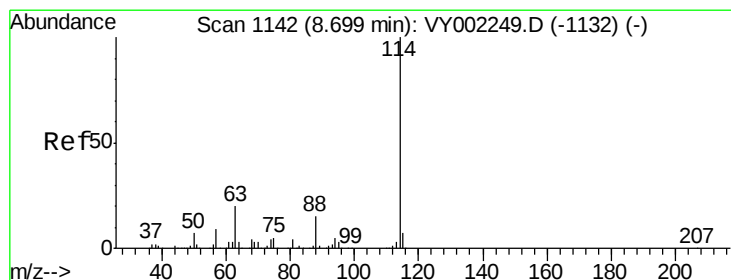
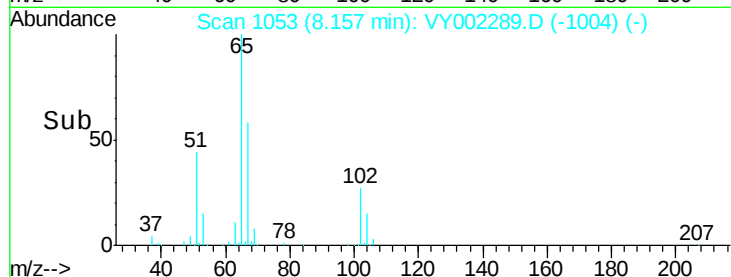
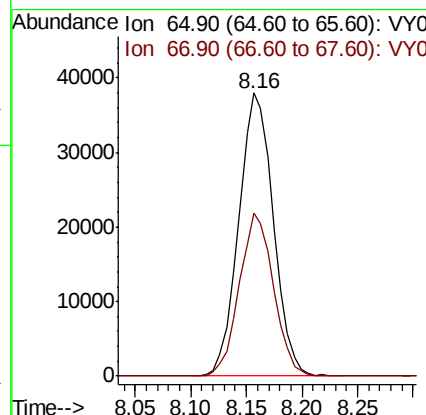
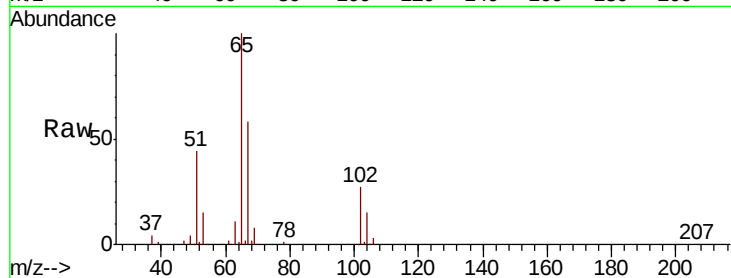




#33
 1,2-Dichloroethane-d4
 Concen: 52.986 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY002289.D
 Acq: 13 Apr 2020 18:38

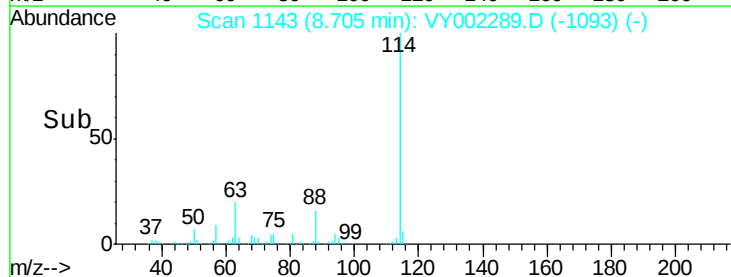
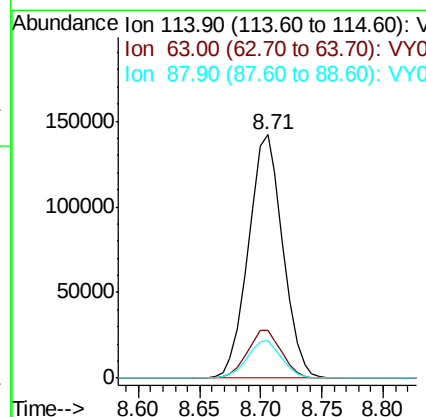
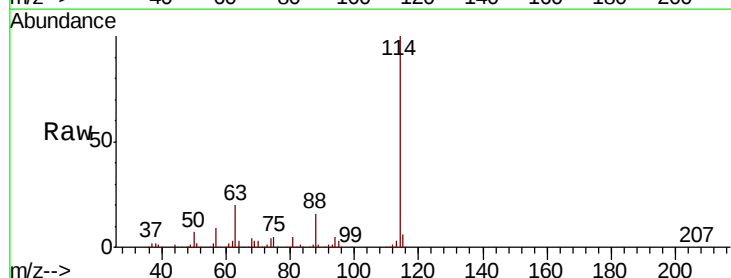
Instrument :
 MSVOA_Y
 ClientSampleId :

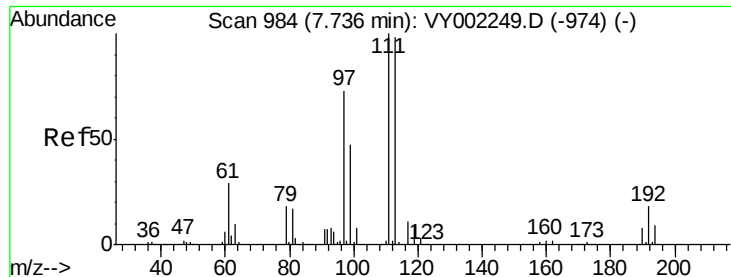
Tot Ion: 65 Resp: 81747
 Ion Ratio Lower Upper
 65 100
 67 56.9 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002289.D
 Acq: 13 Apr 2020 18:38

Tgt Ion: 114 Resp: 277075
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 15.6 0.0 31.0

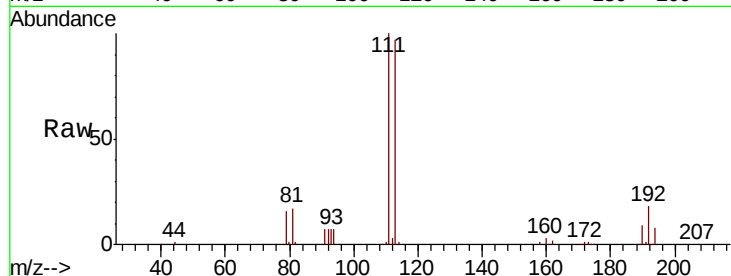




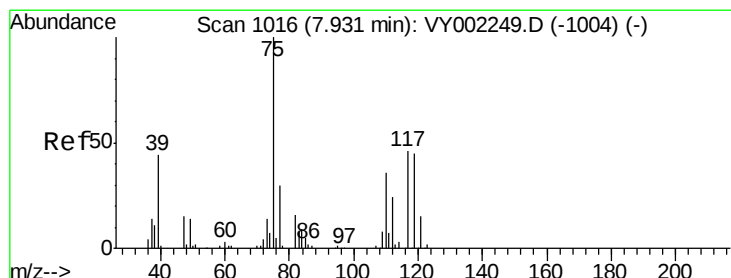
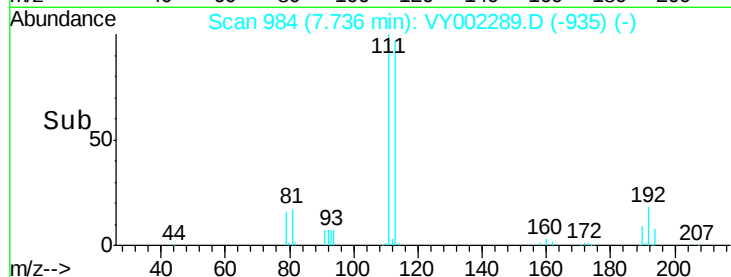
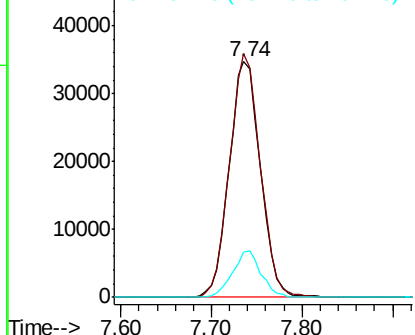
#35
 Dibromofluoromethane
 Concen: 50.392 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VY002289.D
 Acq: 13 Apr 2020 18:38

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 83081
 Ion Ratio Lower Upper
 113 100
 111 101.3 83.5 125.3
 192 18.0 14.7 22.1

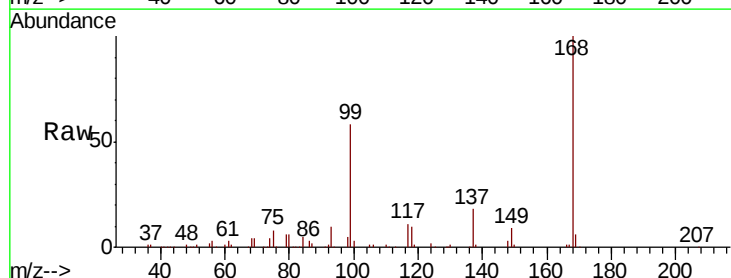


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

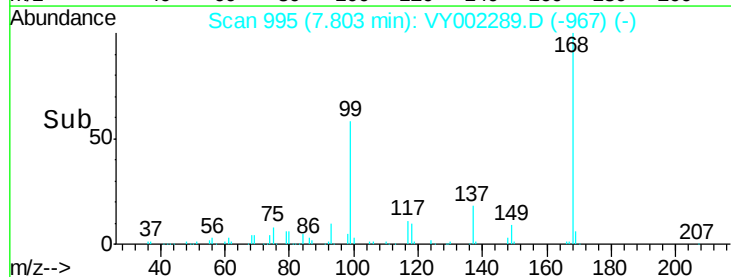
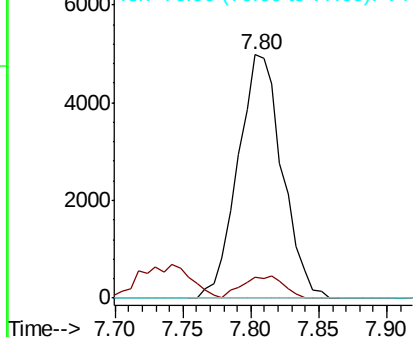


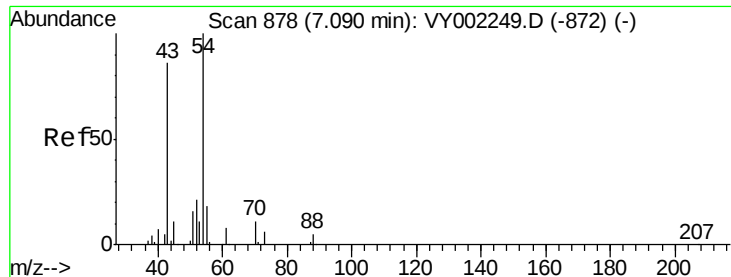
#36
 1,1-Dichloropropene
 Concen: 4.147 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002289.D
 Acq: 13 Apr 2020 18:38

Tgt Ion: 75 Resp: 11318
 Ion Ratio Lower Upper
 75 100
 110 8.3 17.8 53.3#
 77 0.0 24.4 36.6#



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

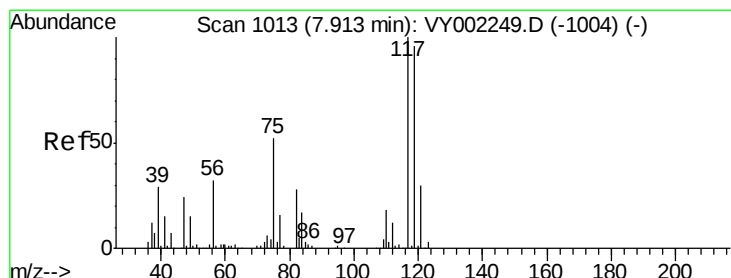
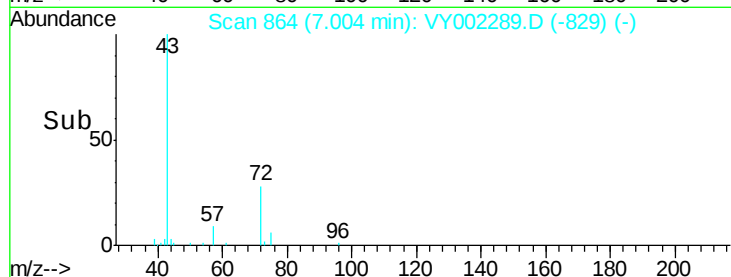
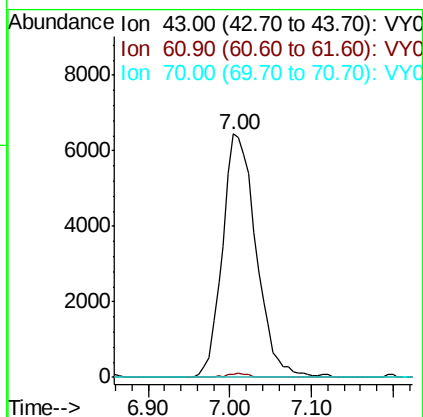
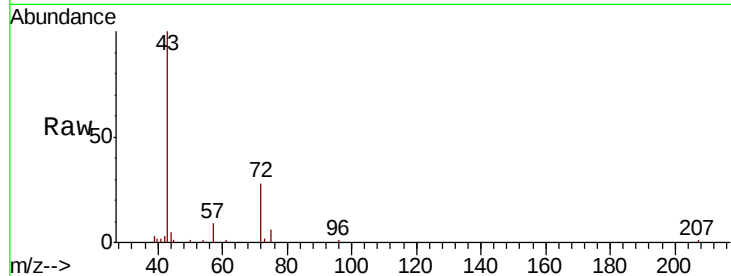




#37
Ethyl Acetate
Concen: 11.818 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.09 min
Lab File: VY002289.D
Acq: 13 Apr 2020 18:38

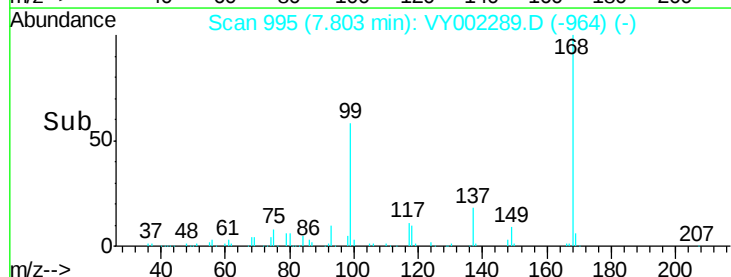
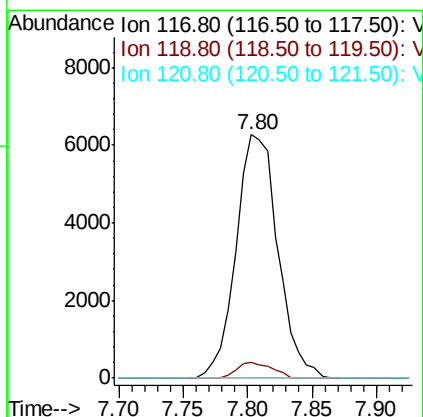
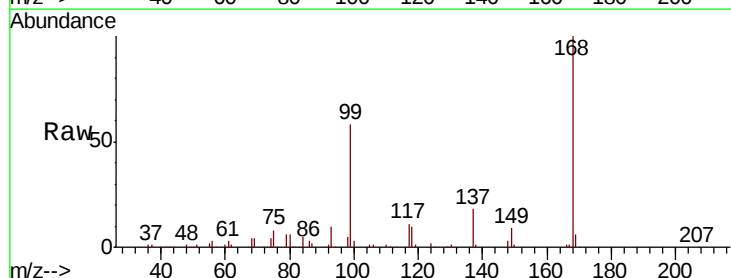
Instrument :
MSVOA_Y
ClientSampleId :

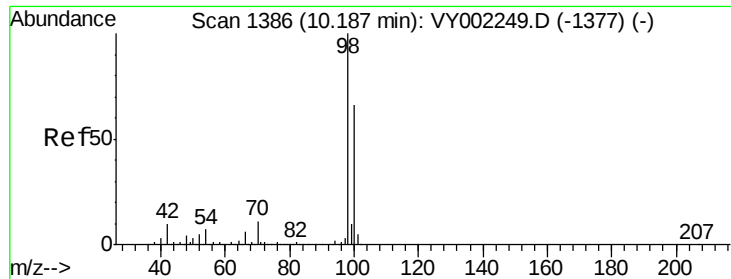
Tot Ion: 43 Resp: 18425
Ion Ratio Lower Upper
43 100
61 1.0 11.8 17.6#
70 0.0 9.1 13.7#



#38
Carbon Tetrachloride
Concen: 6.035 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY002289.D
Acq: 13 Apr 2020 18:38

Tgt Ion: 117 Resp: 14088
Ion Ratio Lower Upper
117 100
119 6.7 77.1 115.7#
121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 48.509 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002289.D

Acq: 13 Apr 2020 18:38

Instrument :

MSVOA_Y

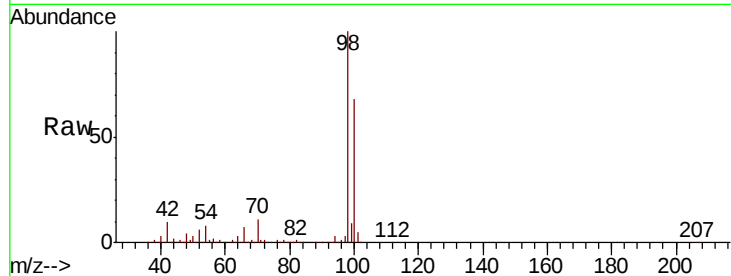
ClientSampleId :

Tot Ion: 98 Resp: 334748

Ion Ratio Lower Upper

98 100

100 66.3 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.19

200000

150000

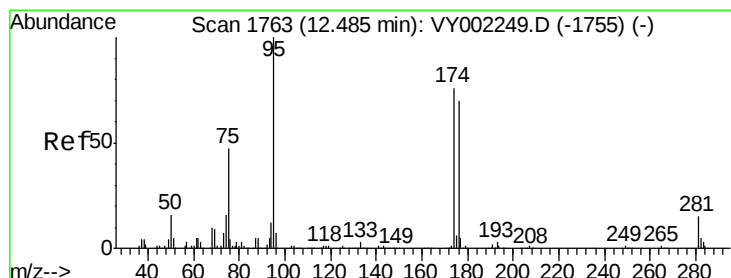
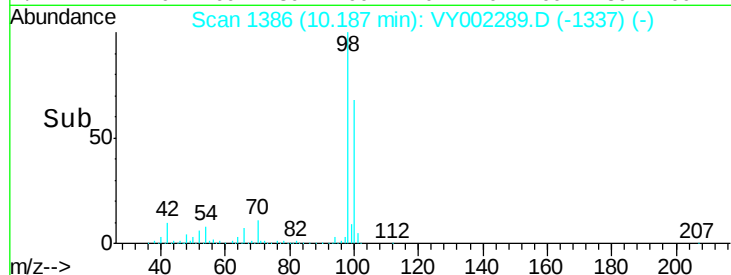
100000

50000

0

Time-->

10.10 10.20



#62

4-Bromofluorobenzene

Concen: 45.536 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002289.D

Acq: 13 Apr 2020 18:38

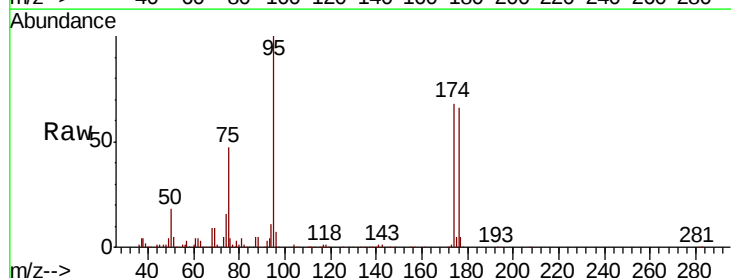
Tgt Ion: 95 Resp: 103669

Ion Ratio Lower Upper

95 100

174 72.1 0.0 150.6

176 69.1 0.0 141.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.49

80000

60000

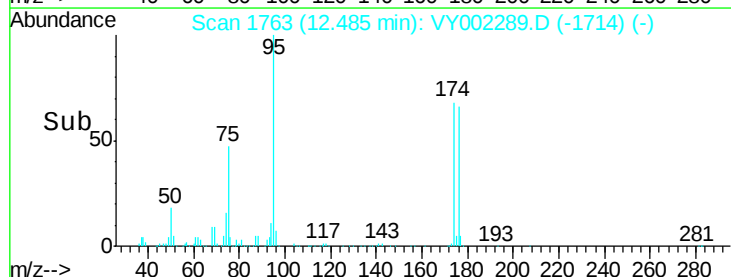
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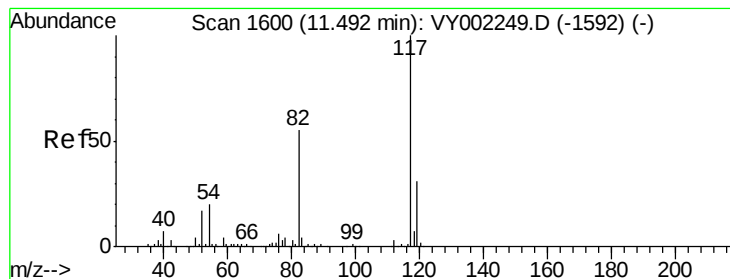
20000

0

Time-->

12.40 12.45 12.50 12.55





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VY002289.D

Acq: 13 Apr 2020 18:38

Instrument :

MSVOA_Y

ClientSampleId :

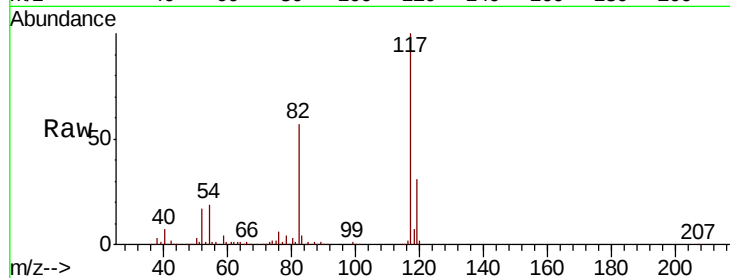
Tot Ion:117 Resp: 246521

Ion Ratio Lower Upper

117 100

82 56.8 44.2 66.4

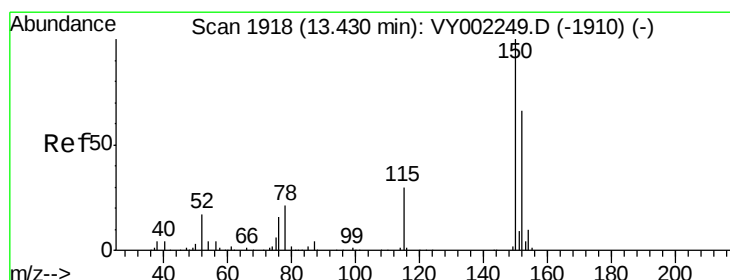
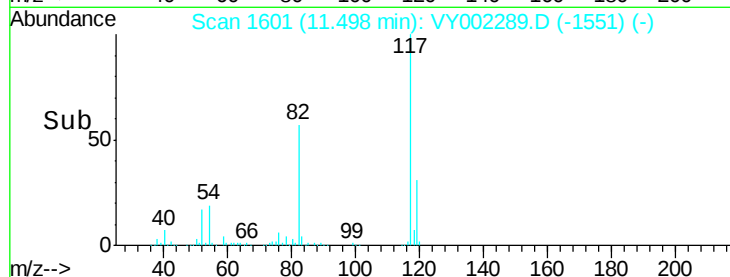
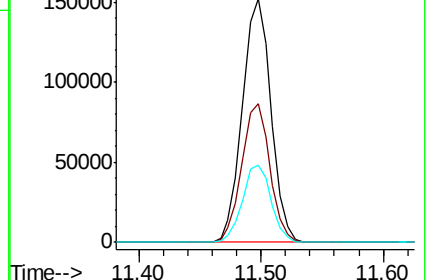
119 31.5 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY002289.D

Acq: 13 Apr 2020 18:38

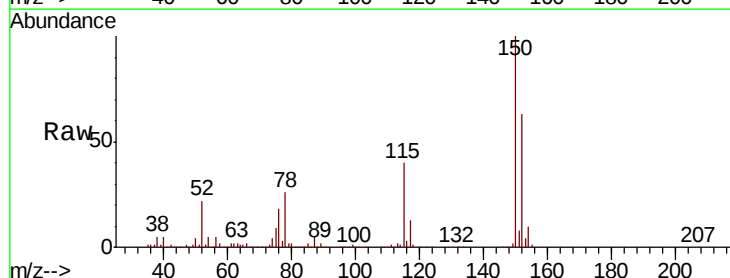
Tgt Ion:152 Resp: 86674

Ion Ratio Lower Upper

152 100

115 61.1 30.7 92.1

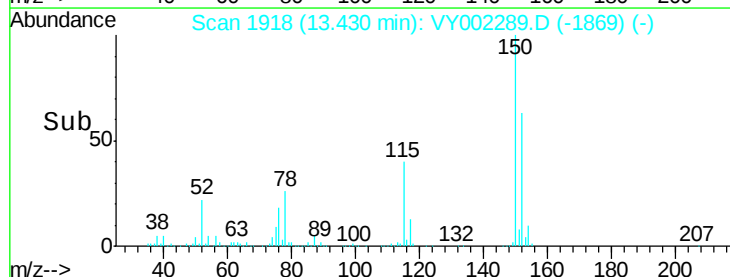
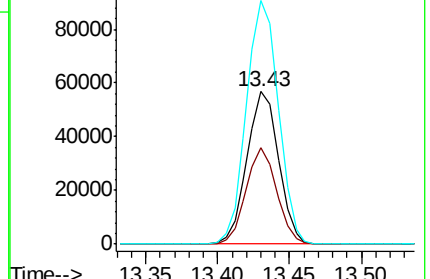
150 160.9 0.0 350.6

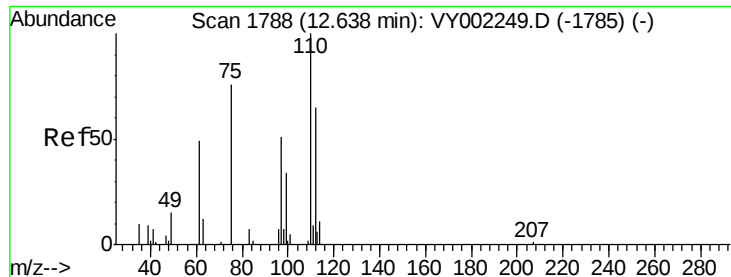


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

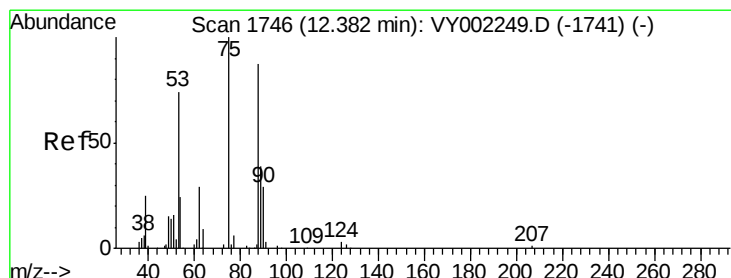
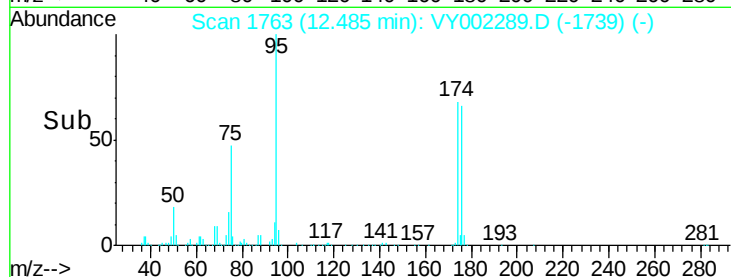
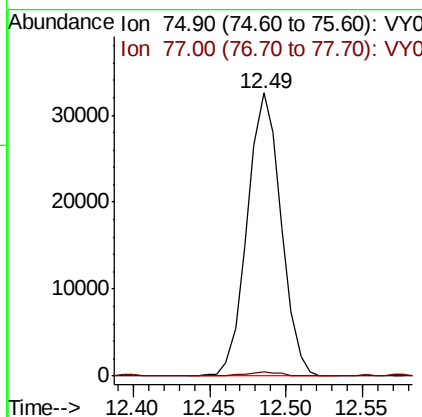
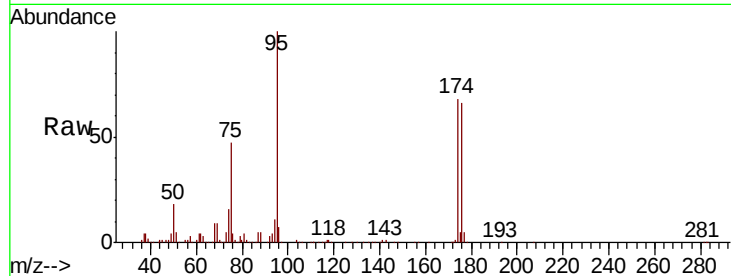




#76
 1,2,3-Trichloropropane
 Concen: 49.673 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.15 min
 Lab File: VY002289.D
 Acq: 13 Apr 2020 18:38

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 49995
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.614 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY002289.D
 Acq: 13 Apr 2020 18:38

Tgt Ion: 75 Resp: 49995
 Ion Ratio Lower Upper
 75 100
 53 0.1 59.8 89.8#
 89 0.0 37.0 55.6#

