

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
 Data File : VY002115.D
 Acq On : 27 Mar 2020 18:52
 Operator : SY/MD
 Sample : L2043-01RE
 Misc : 8.22G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-(6.5-7.5)

Quant Time: Mar 30 03:27:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

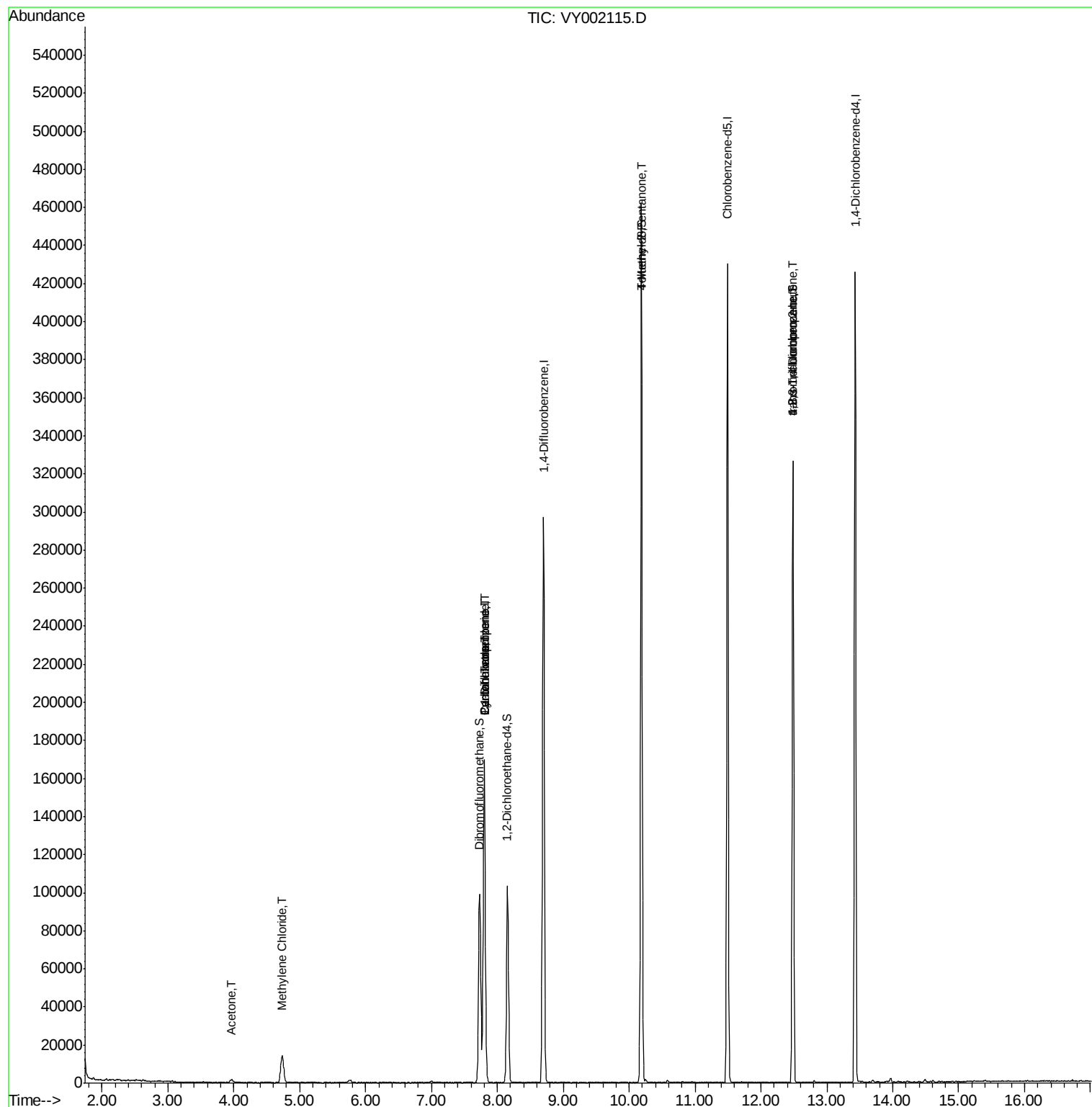
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	123594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	241311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	224975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	101117	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	76559	56.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.06%	
35) Dibromofluoromethane	7.73	113	72015	53.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.52%	
50) Toluene-d8	10.19	98	294744	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
62) 4-Bromofluorobenzene	12.49	95	102187	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	2980	7.763	ug/l	99
20) Methylene Chloride	4.73	84	10809	1.870	ug/l	94
31) Cyclohexane	7.80	56	2963	1.041	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	10535	4.616	ug/l #	45
38) Carbon Tetrachloride	7.80	117	13108	6.769	ug/l #	17
51) 4-Methyl-2-Pentanone	10.18	43	1434	1.088	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	53403	47.214	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	53403	91.470	ug/l #	17

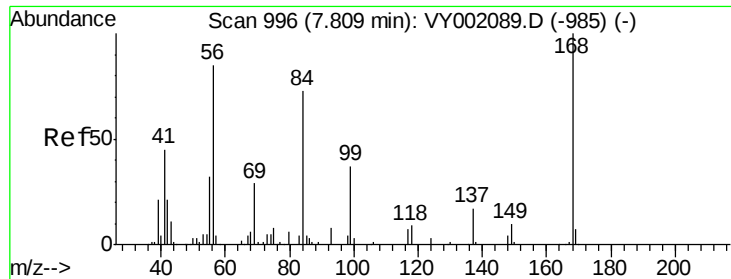
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 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: VY002115.D

Acq: 27 Mar 2020 18:52

Instrument :

MSVOA_Y

ClientSampleId :

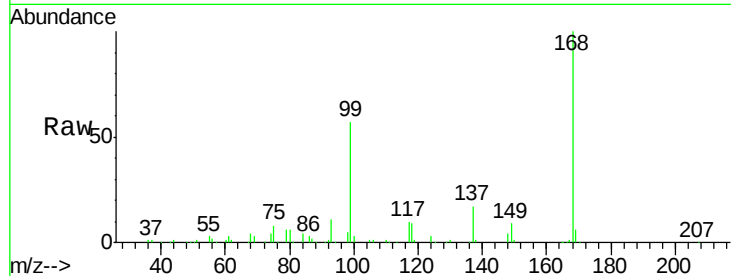
TP-2-(6.5-7.5)

Tgt Ion:168 Resp: 123594

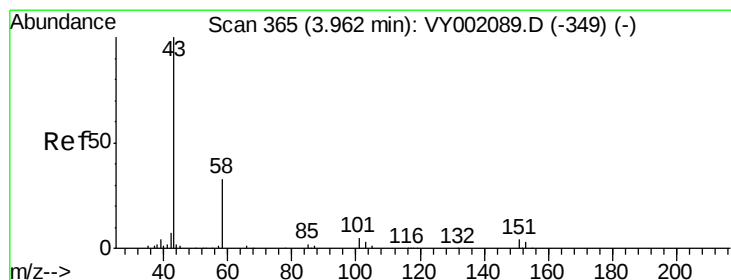
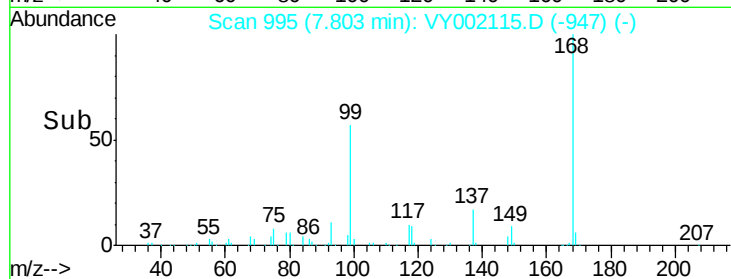
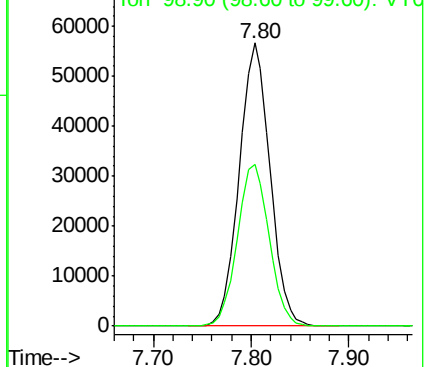
Ion Ratio Lower Upper

168 100

99 57.2 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002115.D (-947) (-)



#16

Acetone

Concen: 7.763 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.00 min

Lab File: VY002115.D

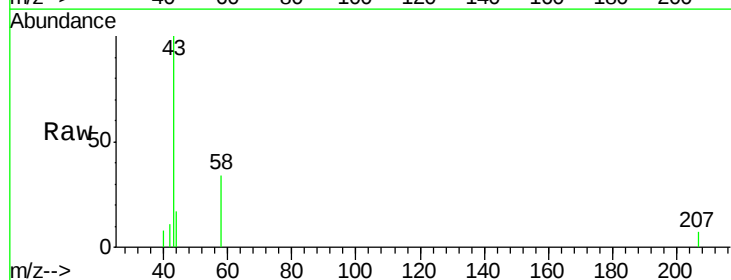
Acq: 27 Mar 2020 18:52

Tgt Ion: 43 Resp: 2980

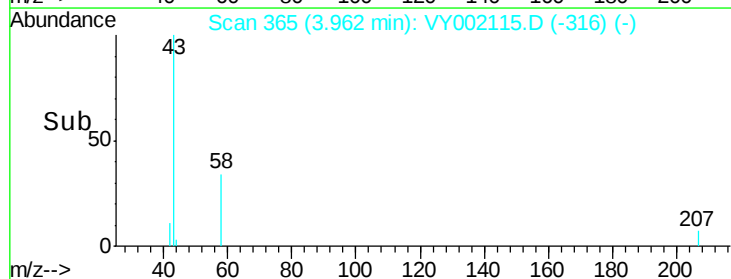
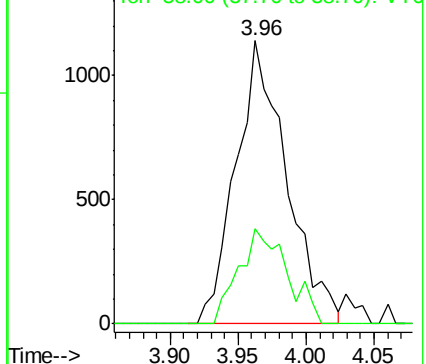
Ion Ratio Lower Upper

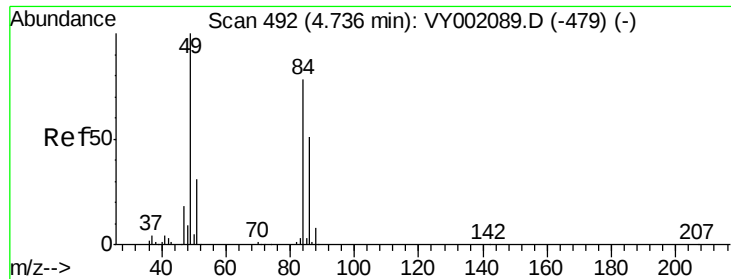
43 100

58 33.5 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002115.D (-316) (-)

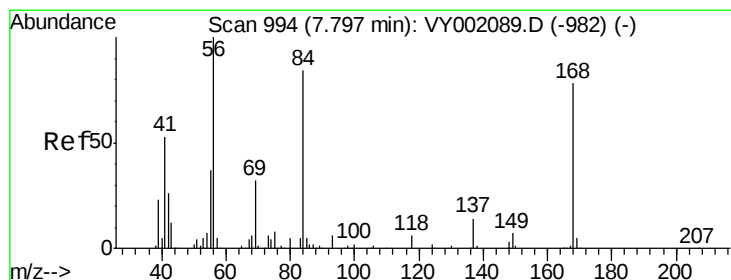
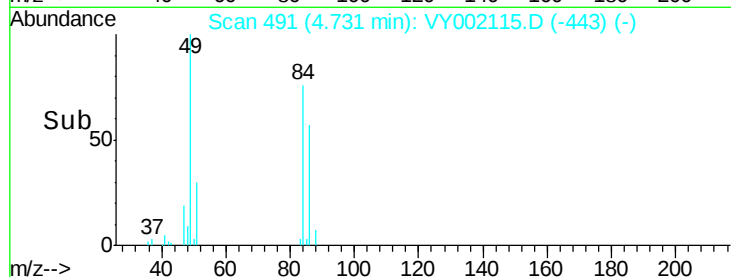
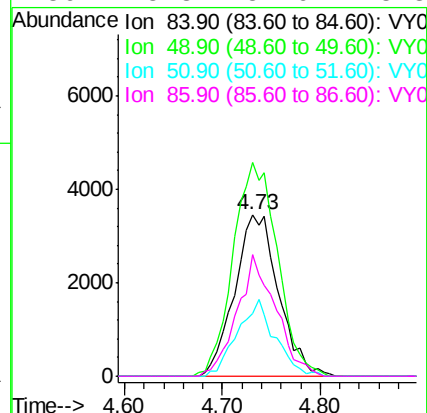
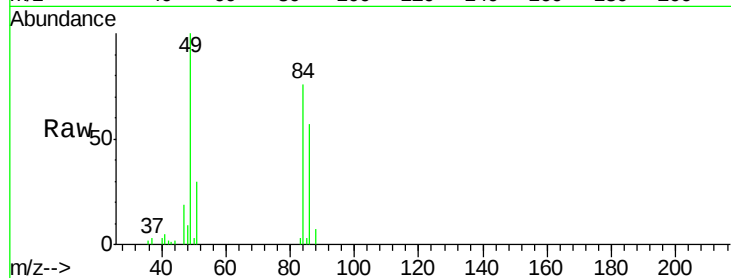




#20
Methylene Chloride
Concen: 1.870 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002115.D
Acq: 27 Mar 2020 18:52

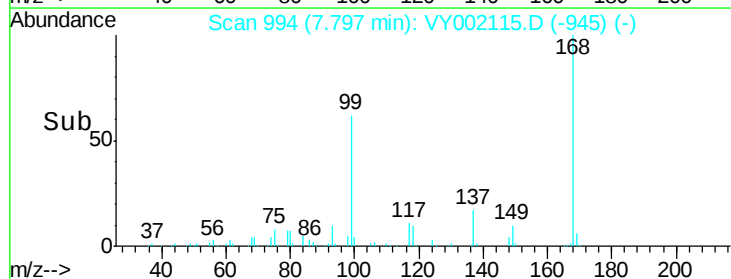
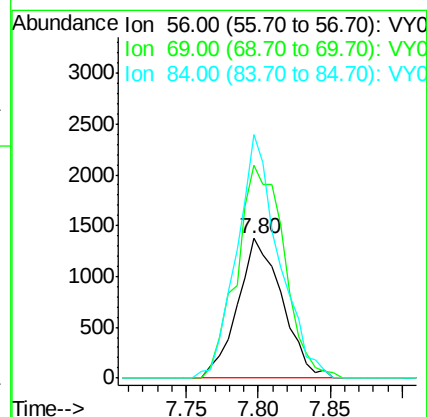
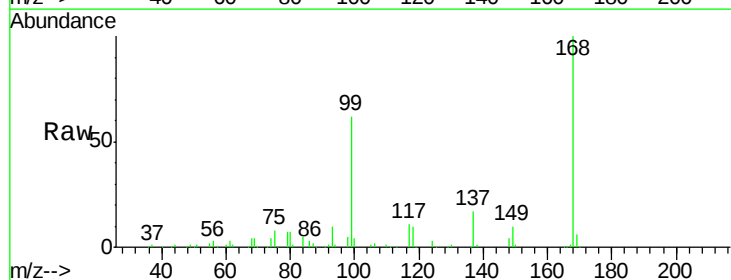
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-(6.5-7.5)

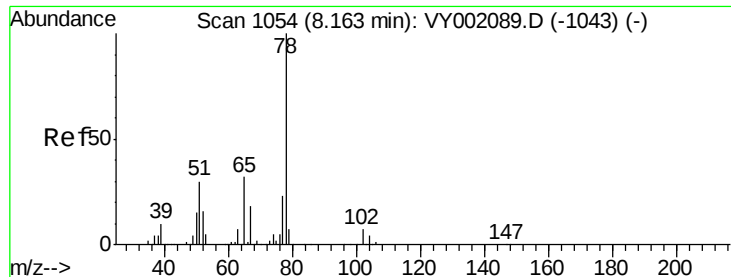
Tgt Ion:	84	Resp:	10809
Ion	Ratio	Lower	Upper
84	100		
49	132.2	102.2	153.4
51	39.2	31.2	46.8
86	75.3	52.6	78.8



#31
Cyclohexane
Concen: 1.041 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY002115.D
Acq: 27 Mar 2020 18:52

Tgt Ion:	56	Resp:	2963
Ion	Ratio	Lower	Upper
56	100		
69	152.8	25.8	38.8#
84	174.3	67.1	100.7#

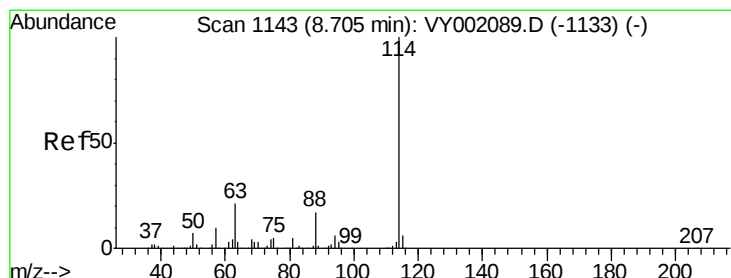
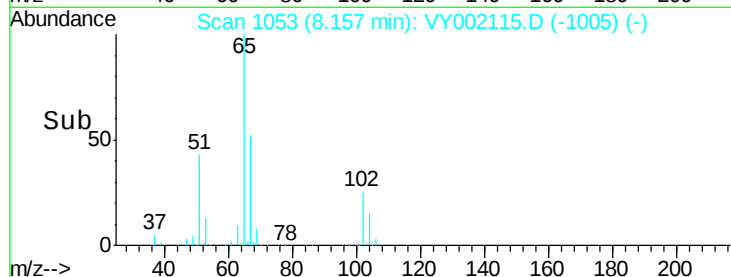
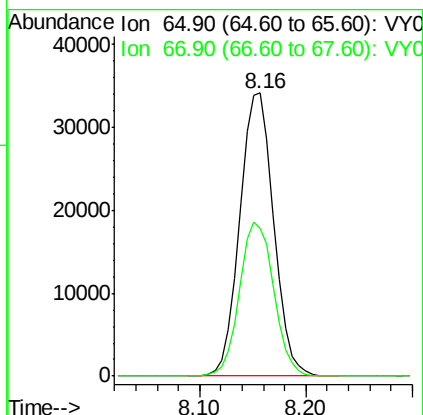
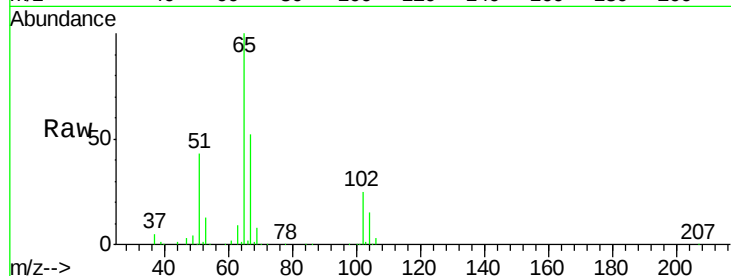




#33
 1,2-Dichloroethane-d4
 Concen: 56.034 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002115.D
 Acq: 27 Mar 2020 18:52

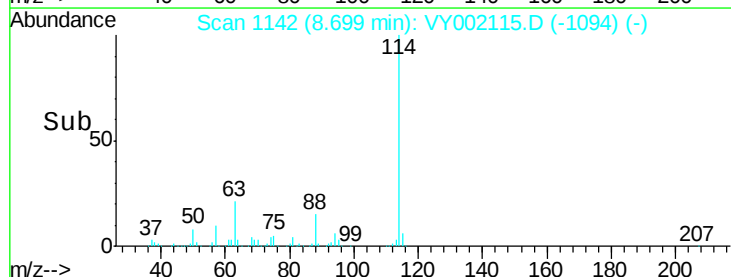
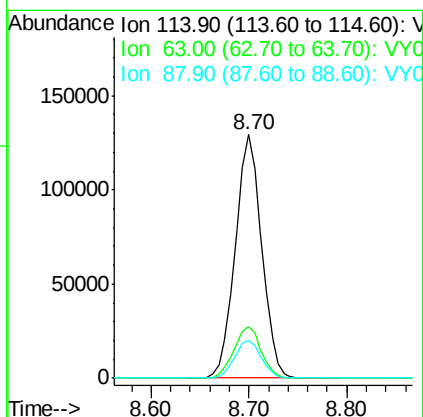
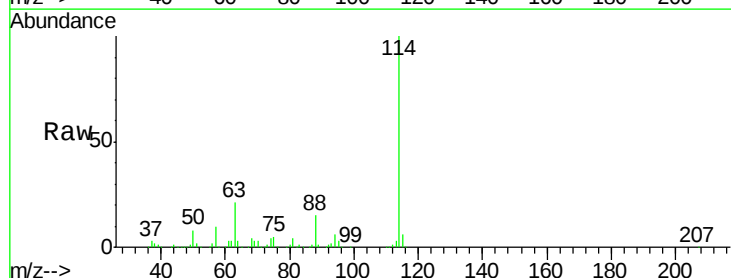
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-(6.5-7.5)

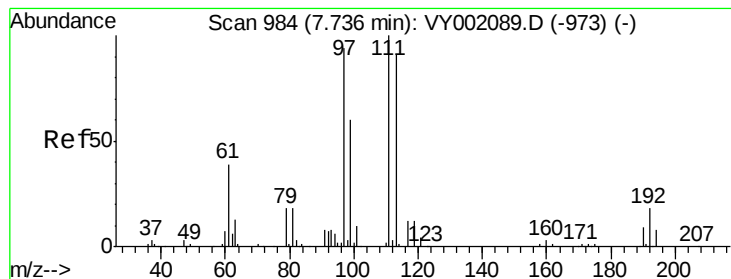
Tgt Ion: 65 Resp: 76559
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002115.D
 Acq: 27 Mar 2020 18:52

Tgt Ion: 114 Resp: 241311
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 41.4
 88 15.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 53.262 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002115.D

Acq: 27 Mar 2020 18:52

Instrument :

MSVOA_Y

ClientSampleId :

TP-2-(6.5-7.5)

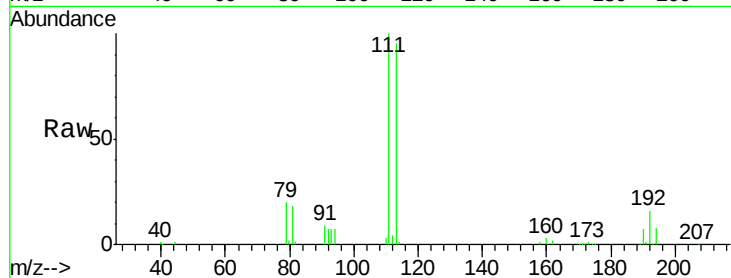
Tgt Ion:113 Resp: 72015

Ion Ratio Lower Upper

113 100

111 103.5 84.4 126.6

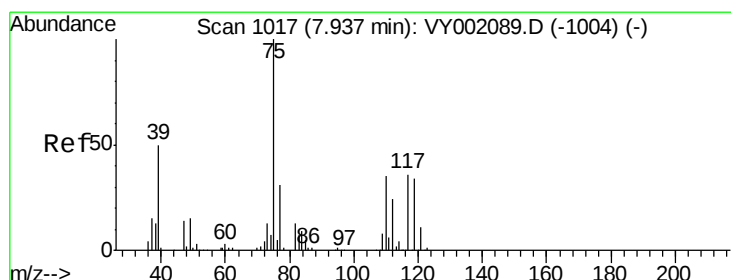
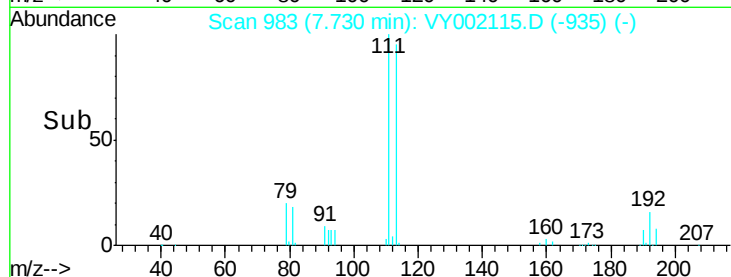
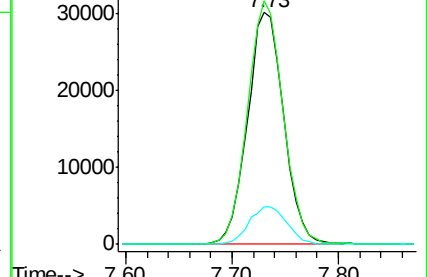
192 17.0 14.6 21.8



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: 4.616 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.13 min

Lab File: VY002115.D

Acq: 27 Mar 2020 18:52

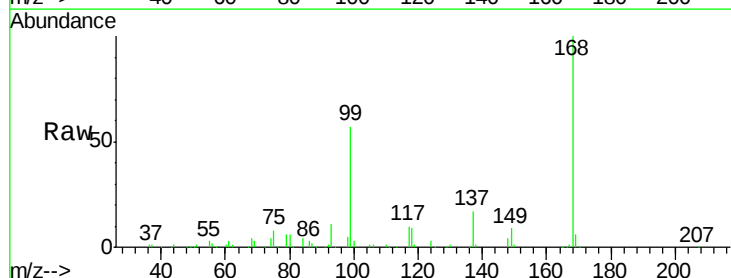
Tgt Ion: 75 Resp: 10535

Ion Ratio Lower Upper

75 100

110 3.8 17.2 51.6#

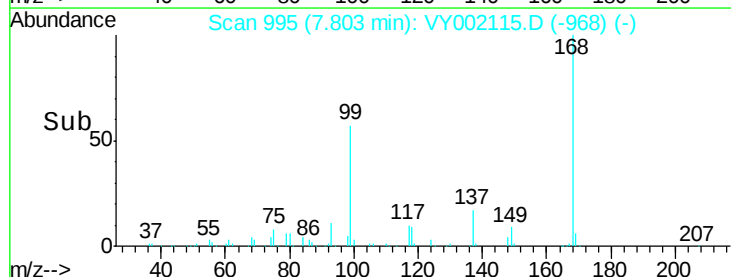
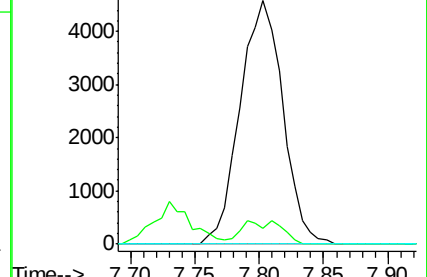
77 0.0 24.7 37.1#

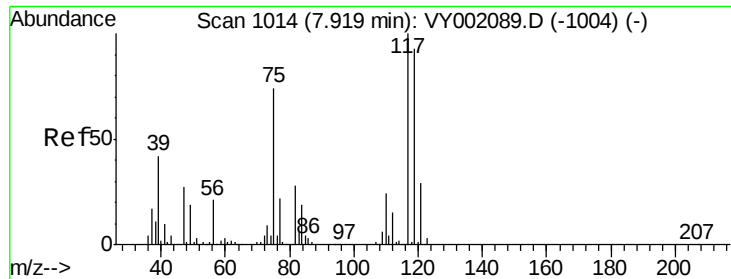


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.769 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY002115.D

Acq: 27 Mar 2020 18:52

Instrument :

MSVOA_Y

ClientSampleId :

TP-2-(6.5-7.5)

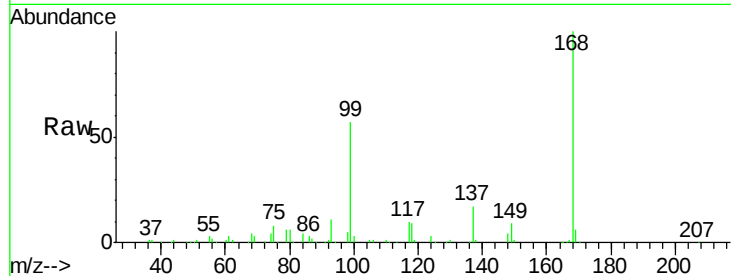
Tgt Ion:117 Resp: 13108

Ion Ratio Lower Upper

117 100

119 5.3 74.3 111.5#

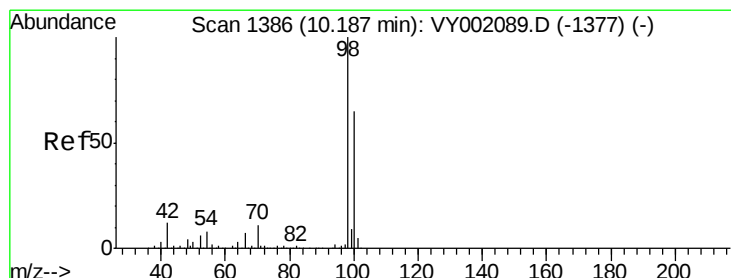
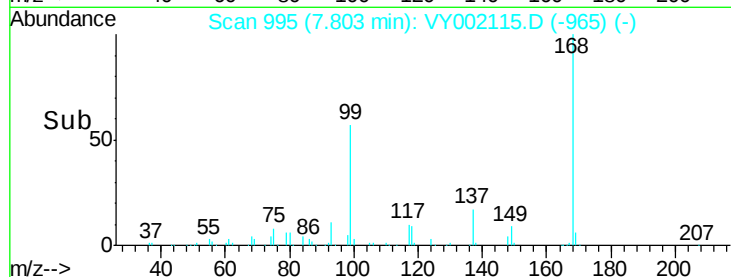
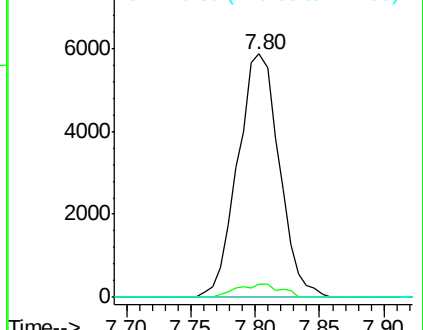
121 0.0 23.3 34.9#



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: 52.474 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002115.D

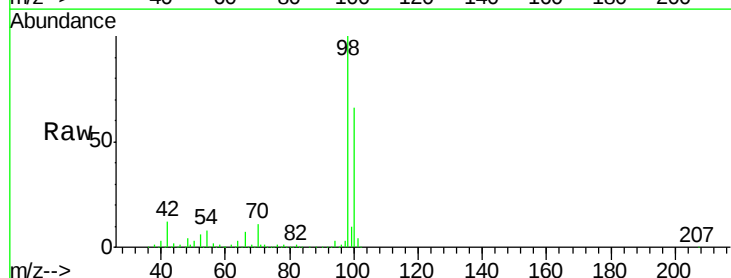
Acq: 27 Mar 2020 18:52

Tgt Ion: 98 Resp: 294744

Ion Ratio Lower Upper

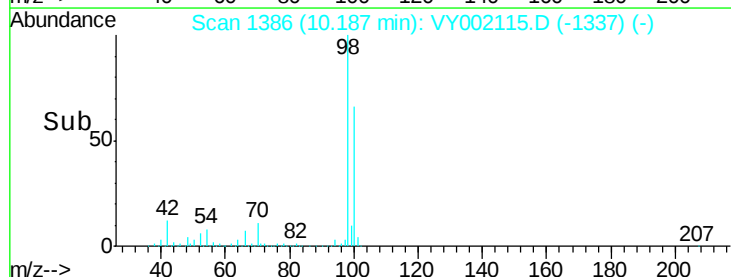
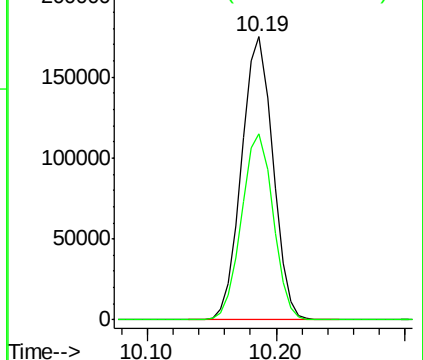
98 100

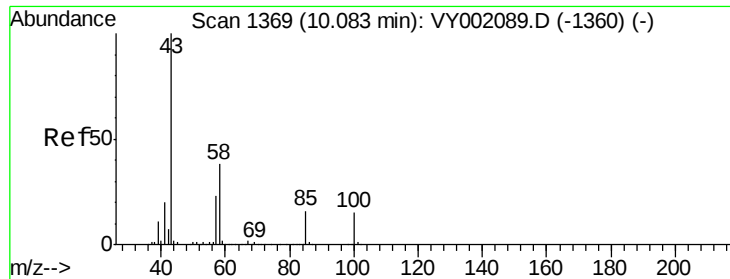
100 66.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#51

4-Methyl-2-Pentanone

Concen: 1.088 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.10 min

Lab File: VY002115.D

Acq: 27 Mar 2020 18:52

Instrument :

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ClientSampleId :

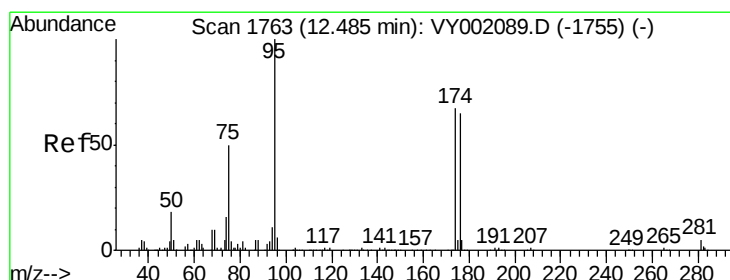
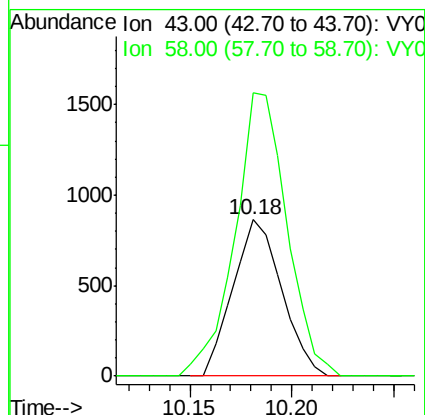
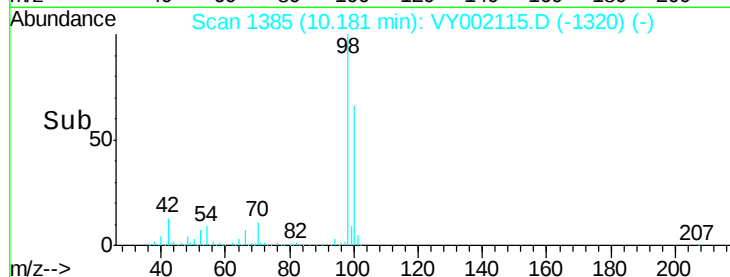
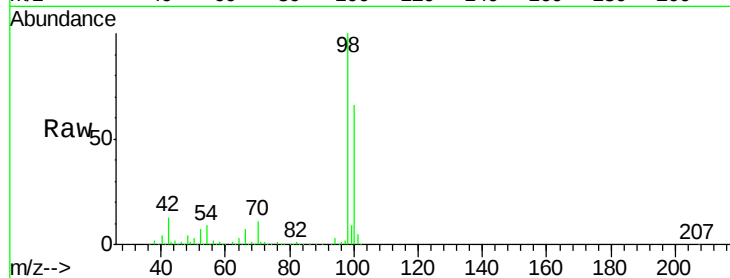
TP-2-(6.5-7.5)

Tgt Ion: 43 Resp: 1434

Ion Ratio Lower Upper

43 100

58 192.5 31.6 47.4#



#62

4-Bromofluorobenzene

Concen: 52.018 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002115.D

Acq: 27 Mar 2020 18:52

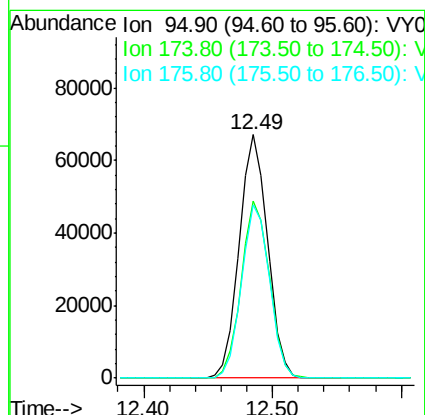
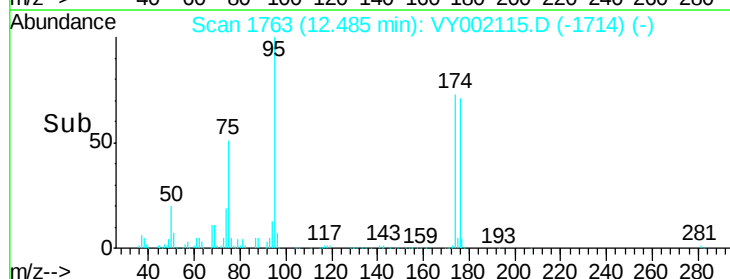
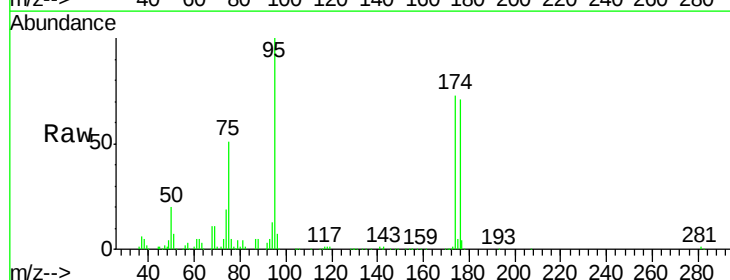
Tgt Ion: 95 Resp: 102187

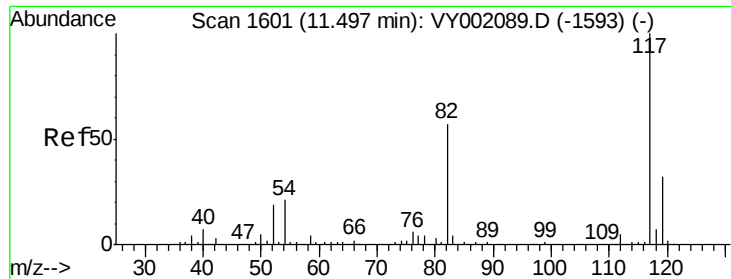
Ion Ratio Lower Upper

95 100

174 72.3 0.0 143.4

176 70.1 0.0 137.0

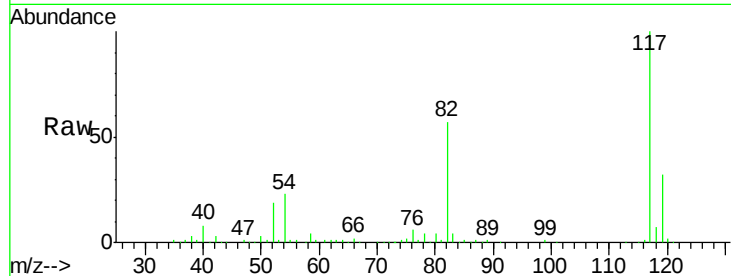




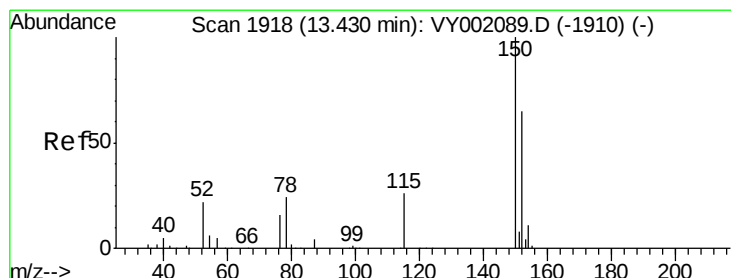
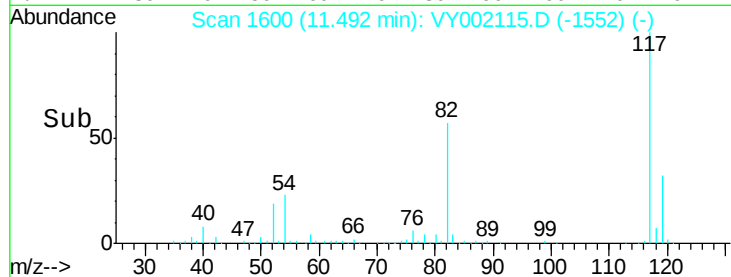
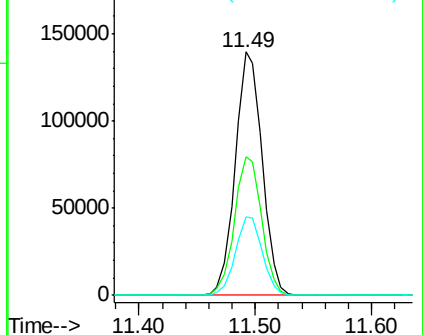
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002115.D
Acq: 27 Mar 2020 18:52

Instrument :
MSVOA_Y
ClientSampleId :
TP-2-(6.5-7.5)

Tgt Ion:117 Resp: 224975
Ion Ratio Lower Upper
117 100
82 57.0 45.4 68.2
119 32.3 25.3 37.9

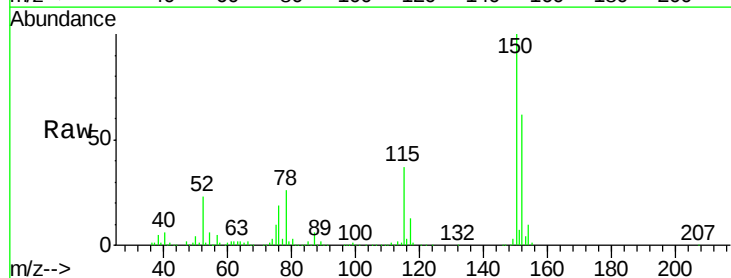


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

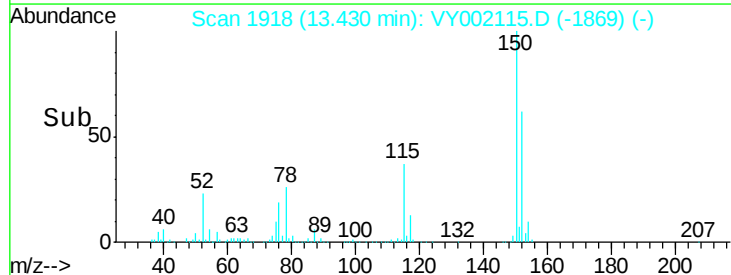
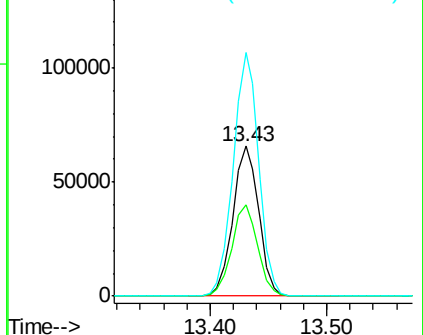


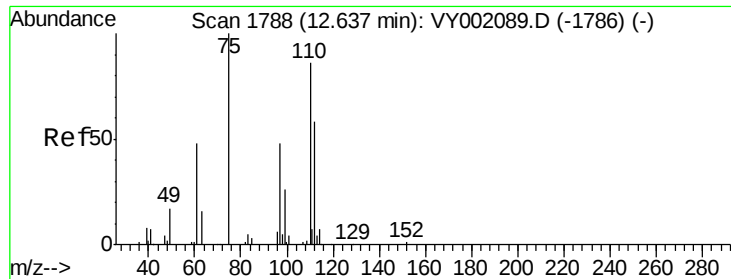
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002115.D
Acq: 27 Mar 2020 18:52

Tgt Ion:152 Resp: 101117
Ion Ratio Lower Upper
152 100
115 60.7 31.2 93.6
150 160.2 0.0 354.8



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: 47.214 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002115.D

Acq: 27 Mar 2020 18:52

Instrument :

MSVOA_Y

ClientSampleId :

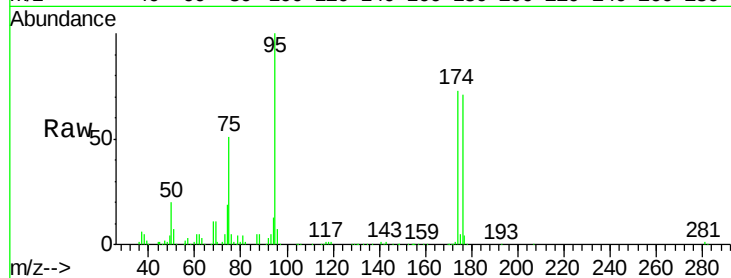
TP-2-(6.5-7.5)

Tgt Ion: 75 Resp: 53403

Ion Ratio Lower Upper

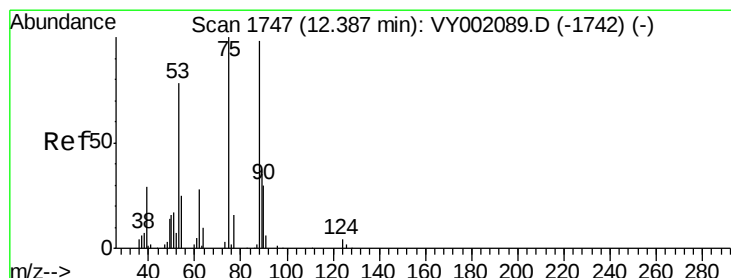
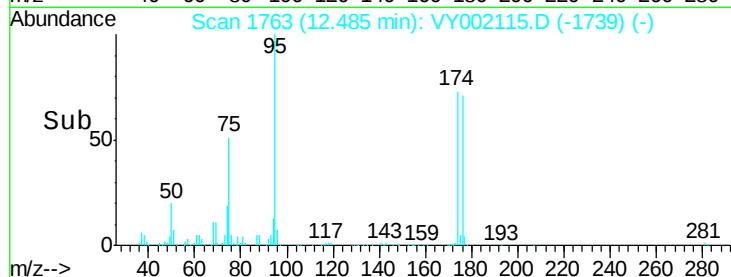
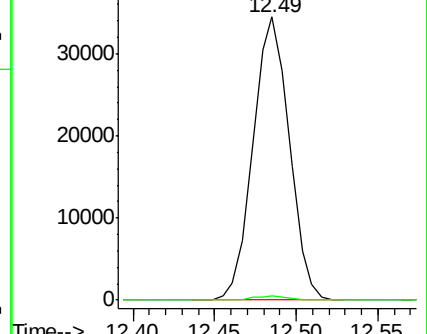
75 100

77 1.4 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: 91.470 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002115.D

Acq: 27 Mar 2020 18:52

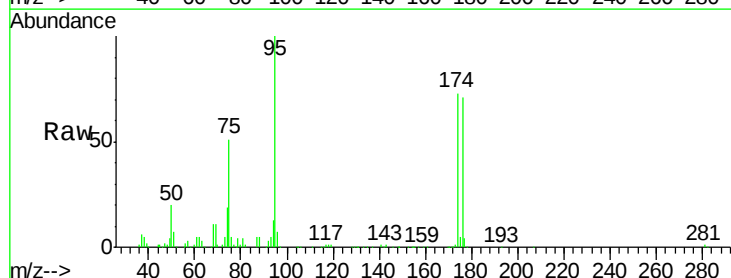
Tgt Ion: 75 Resp: 53403

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.1 33.4 50.0#



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

