

Data File : VY002440.D
Acq On : 21 Apr 2020 17:55
Operator : SY/MD
Sample : L2327-20RE
Misc : 6.92G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-3-S2

Quant Time: Apr 22 02:37:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 20 15:14:11 2020
Response via : Initial Calibration

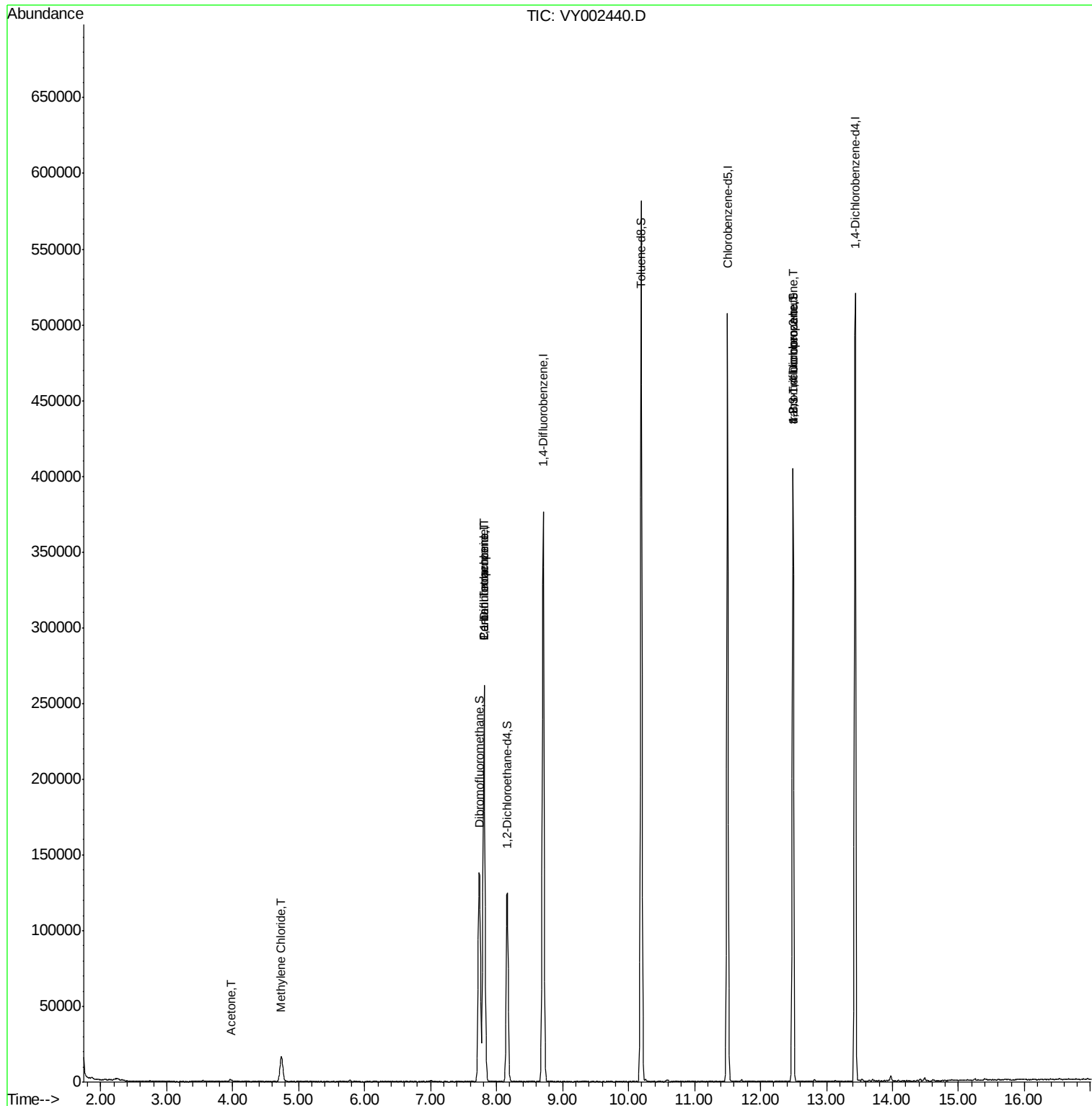
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	223634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	355777	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	311002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	146708	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	92754	57.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.06%	
35) Dibromofluoromethane	7.74	113	101968	54.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.98%	
50) Toluene-d8	10.19	98	406266	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	
62) 4-Bromofluorobenzene	12.49	95	122500	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
Target Compounds						
16) Acetone	3.98	43	1999	4.599	ug/l	90
20) Methylene Chloride	4.74	84	14722	6.053	ug/l	97
36) 1,1-Dichloropropene	7.80	75	13068	4.565	ug/l #	47
38) Carbon Tetrachloride	7.81	117	18688	6.481	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	55630	43.042	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	55630	83.884	ug/l #	19

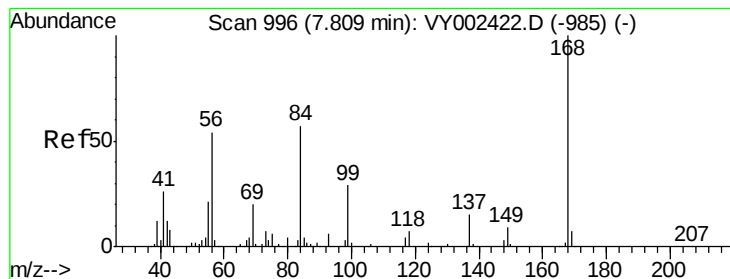
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002440.D

Acq: 21 Apr 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

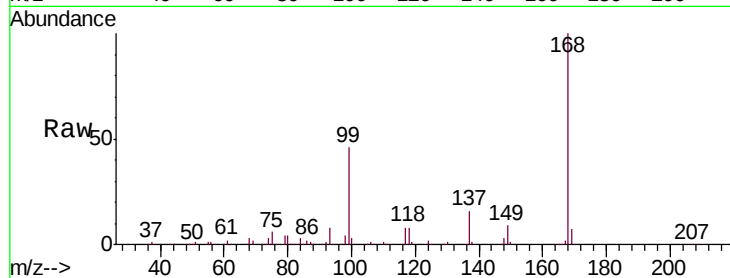
TP-3-S2

Tgt Ion:168 Resp: 223634

Ion Ratio Lower Upper

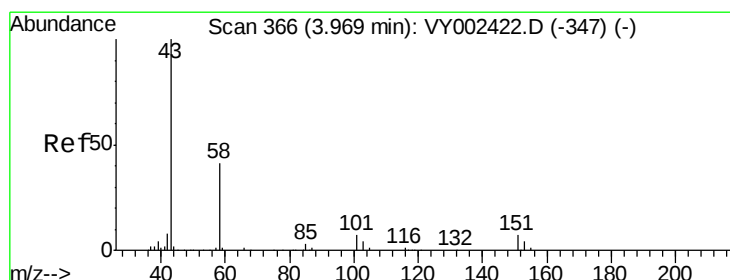
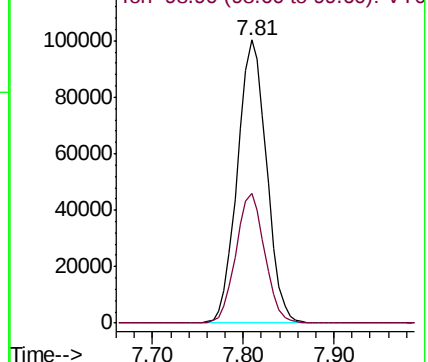
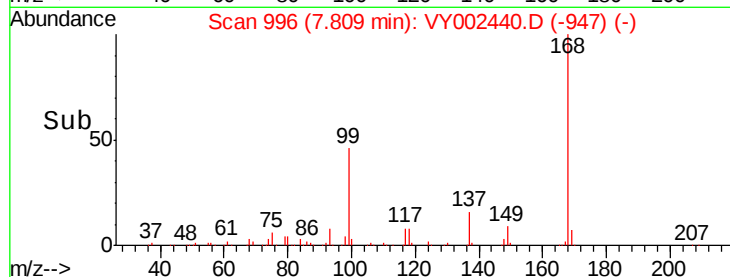
168 100

99 45.9 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002440.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002440.D (-947) (-)



#16

Acetone

Concen: 4.599 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY002440.D

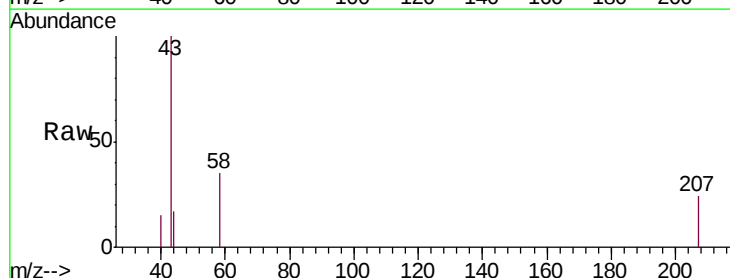
Acq: 21 Apr 2020 17:55

Tgt Ion: 43 Resp: 1999

Ion Ratio Lower Upper

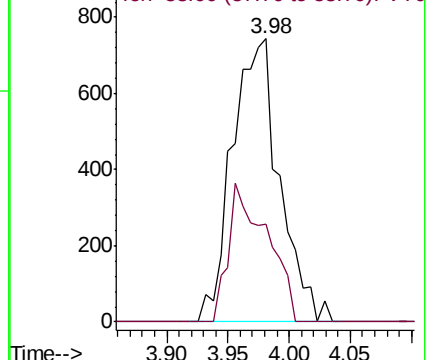
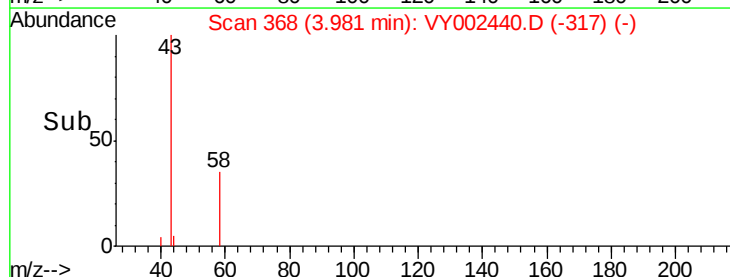
43 100

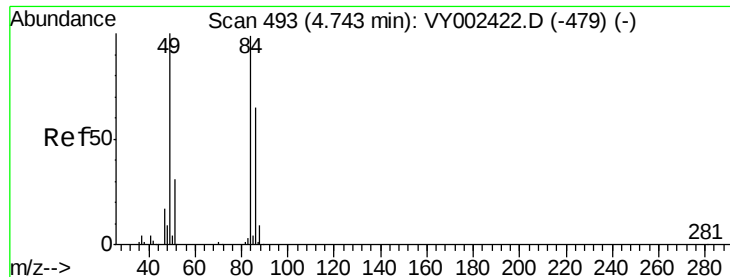
58 34.7 32.6 48.8



Abundance Ion 43.00 (42.70 to 43.70): VY002440.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VY002440.D (-317) (-)

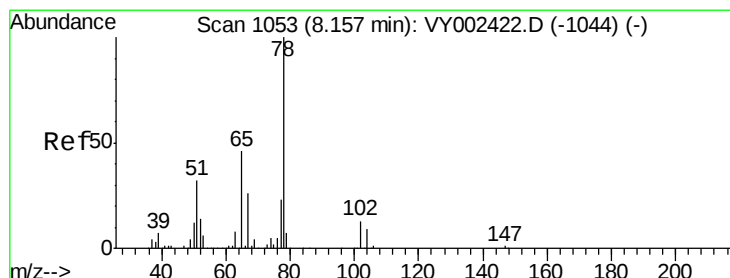
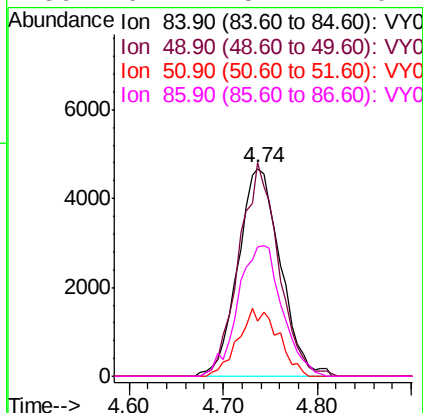
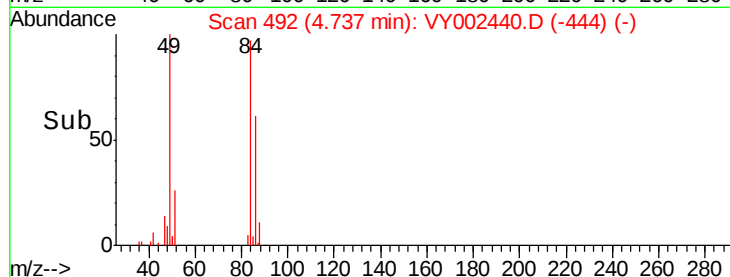
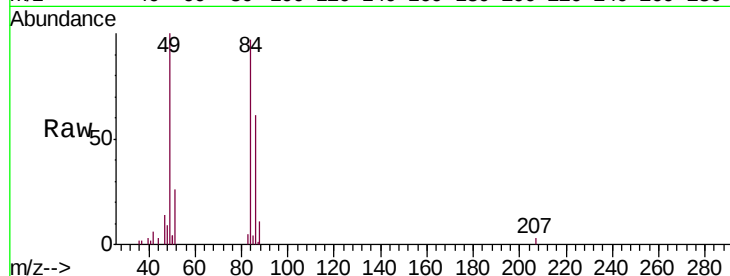




#20
Methylene Chloride
Concen: 6.053 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.01 min
Lab File: VY002440.D
Acq: 21 Apr 2020 17:55

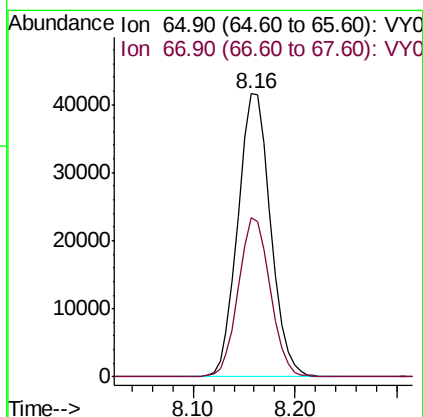
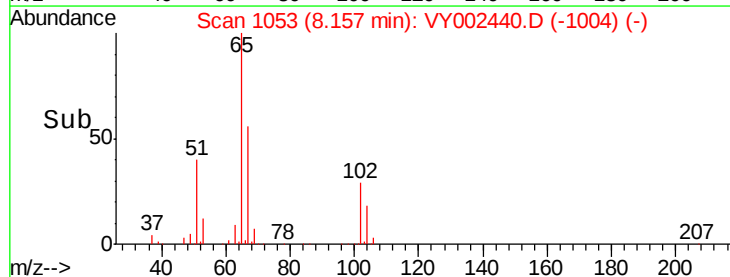
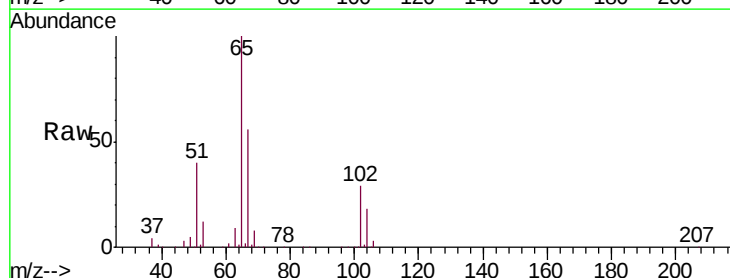
Instrument :
MSVOA_Y
ClientSampleId :
TP-3-S2

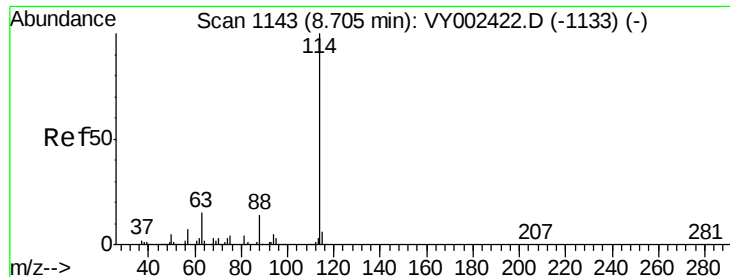
Tgt Ion: 84 Resp: 14722
Ion Ratio Lower Upper
84 100
49 102.7 81.0 121.6
51 26.7 24.9 37.3
86 62.4 52.7 79.1



#33
1,2-Dichloroethane-d4
Concen: 57.026 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VY002440.D
Acq: 21 Apr 2020 17:55

Tgt Ion: 65 Resp: 92754
Ion Ratio Lower Upper
65 100
67 54.8 0.0 111.0

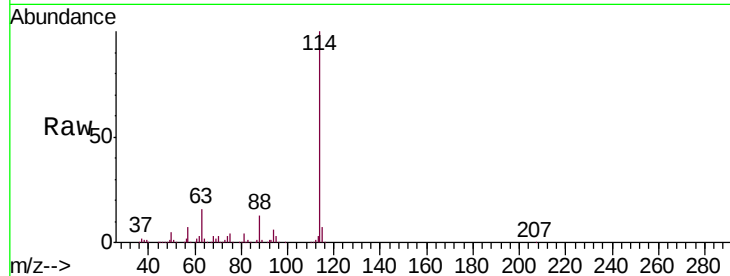




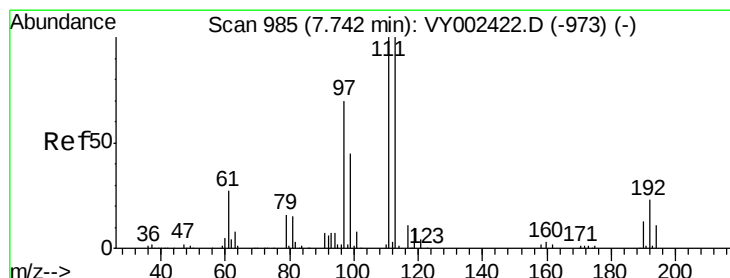
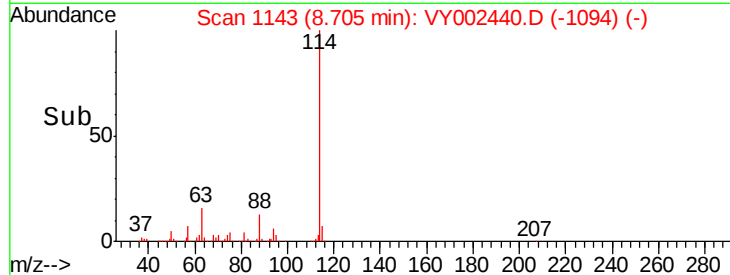
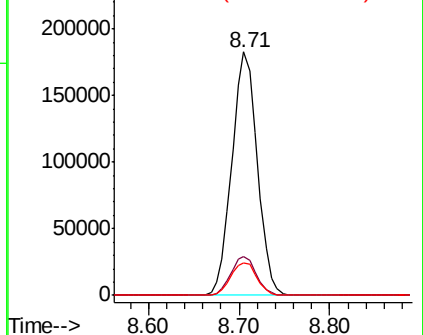
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002440.D
 Acq: 21 Apr 2020 17:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3-S2

Tgt Ion:114 Resp: 355777
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 31.0
 88 13.3 0.0 28.2

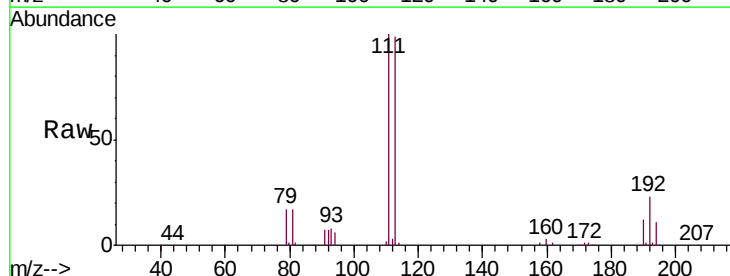


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

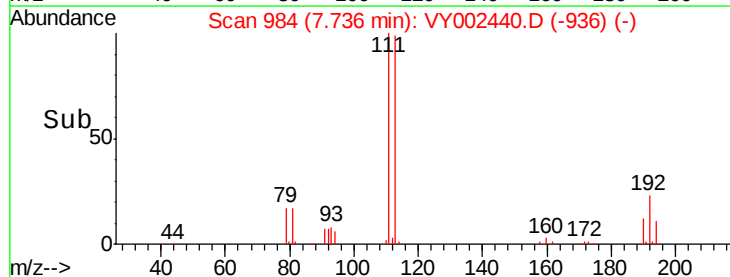
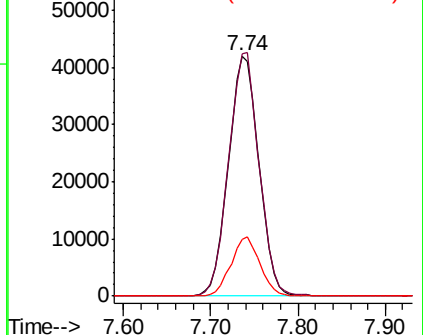


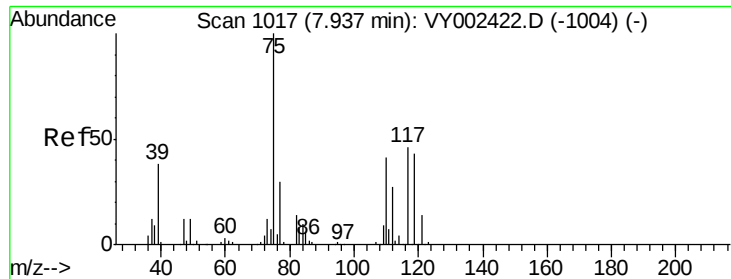
#35
 Dibromofluoromethane
 Concen: 54.490 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY002440.D
 Acq: 21 Apr 2020 17:55

Tgt Ion:113 Resp: 101968
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.7 122.5
 192 23.2 17.8 26.6



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

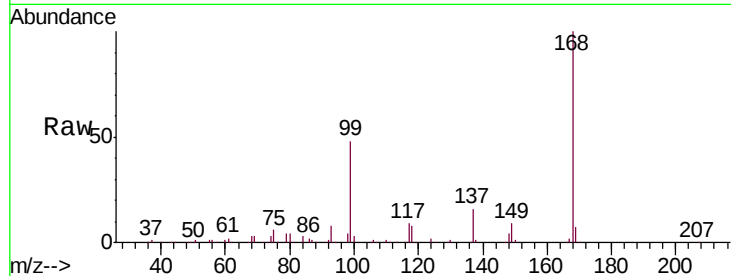




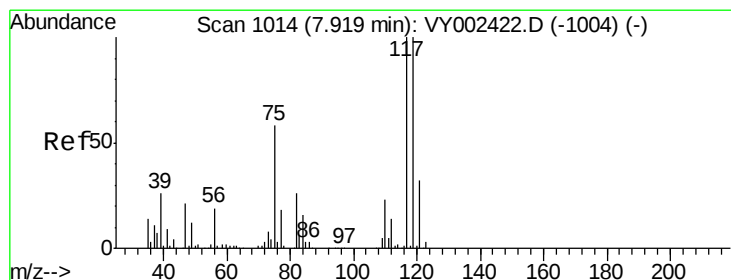
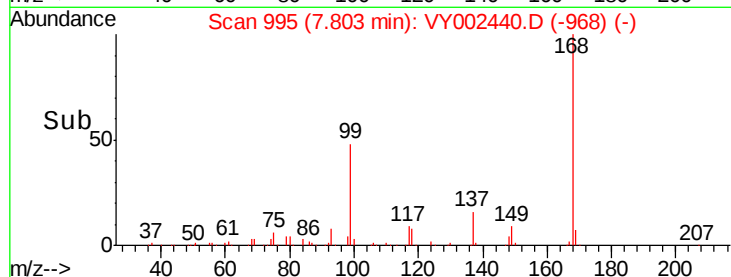
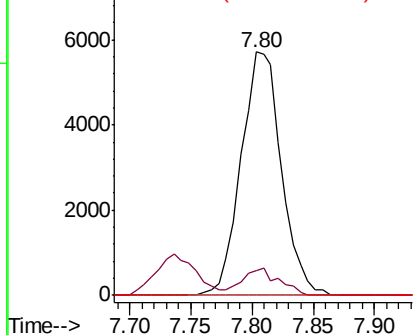
#36
 1,1-Dichloropropene
 Concen: 4.565 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002440.D
 Acq: 21 Apr 2020 17:55

Instrument :
 MSVOA_Y
 ClientSampled :
 TP-3-S2

Tgt Ion: 75 Resp: 13068
 Ion Ratio Lower Upper
 75 100
 110 10.0 20.4 61.2#
 77 0.0 25.5 38.3#

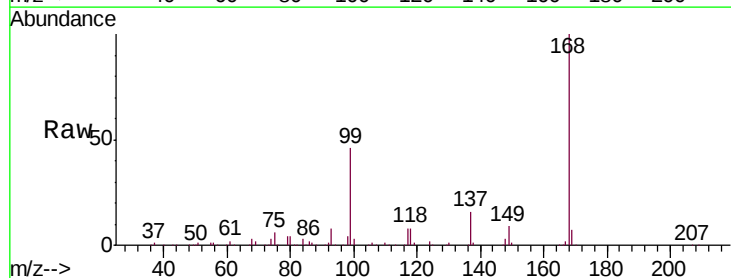


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0

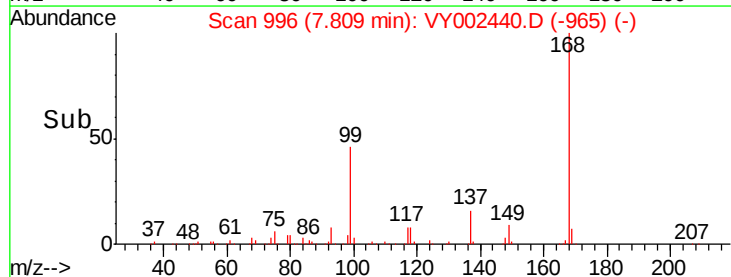
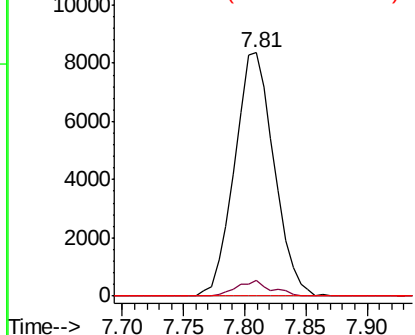


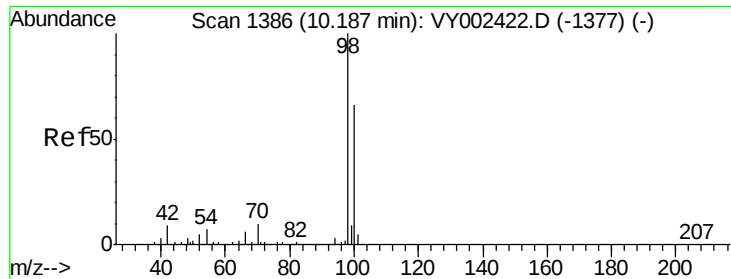
#38
 Carbon Tetrachloride
 Concen: 6.481 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.11 min
 Lab File: VY002440.D
 Acq: 21 Apr 2020 17:55

Tgt Ion: 117 Resp: 18688
 Ion Ratio Lower Upper
 117 100
 119 6.7 79.6 119.4#
 121 0.0 25.4 38.2#



Abundance Ion 116.80 (116.50 to 117.50): VY0
 Ion 118.80 (118.50 to 119.50): VY0
 Ion 120.80 (120.50 to 121.50): VY0





#50

Toluene-d8

Concen: 53.677 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002440.D

Acq: 21 Apr 2020 17:55

Instrument :

MSVOA_Y

ClientSampled :

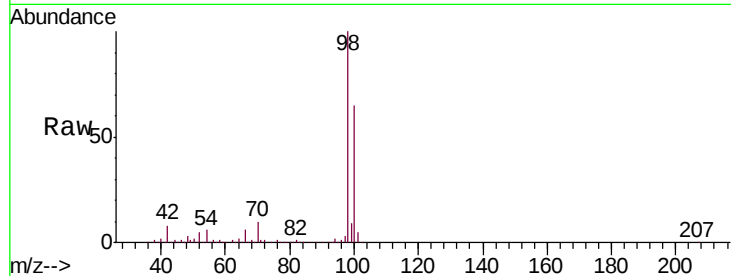
TP-3-S2

Tgt Ion: 98 Resp: 406266

Ion Ratio Lower Upper

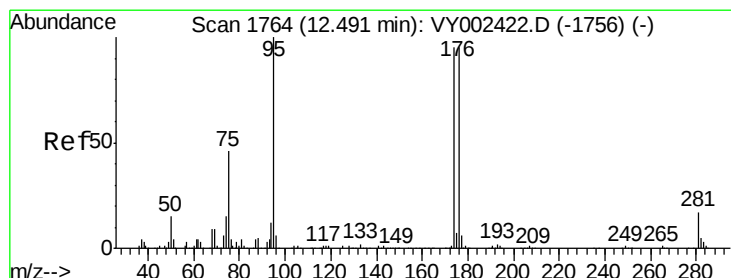
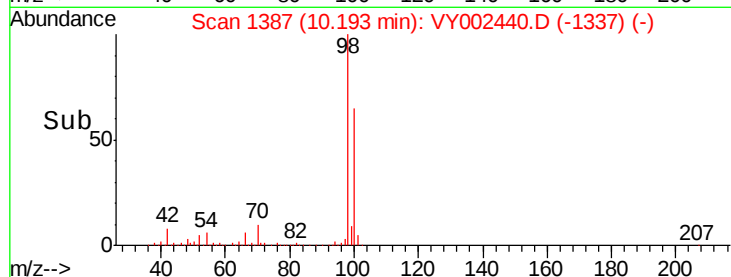
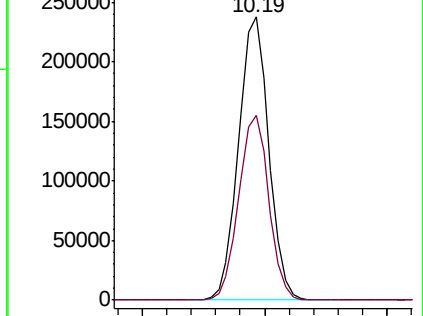
98 100

100 65.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 49.021 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002440.D

Acq: 21 Apr 2020 17:55

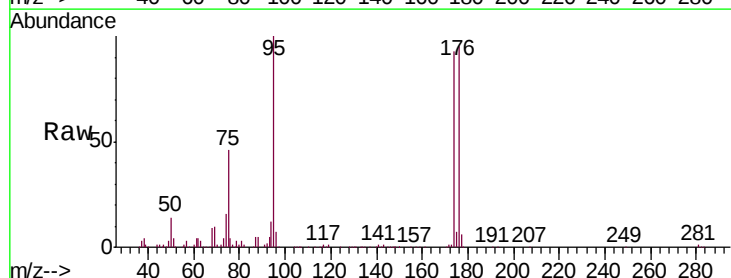
Tgt Ion: 95 Resp: 122500

Ion Ratio Lower Upper

95 100

174 95.1 0.0 185.8

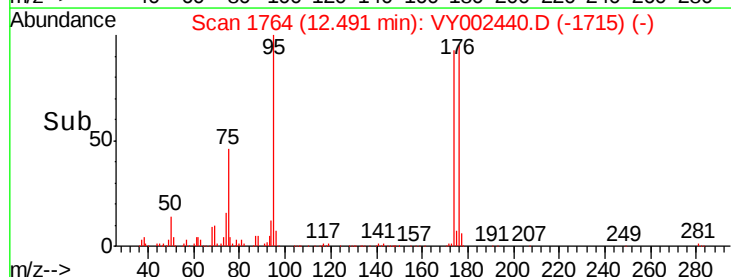
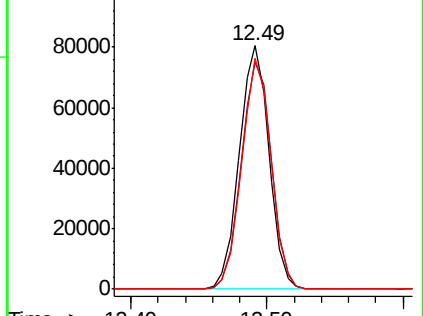
176 93.7 0.0 181.2

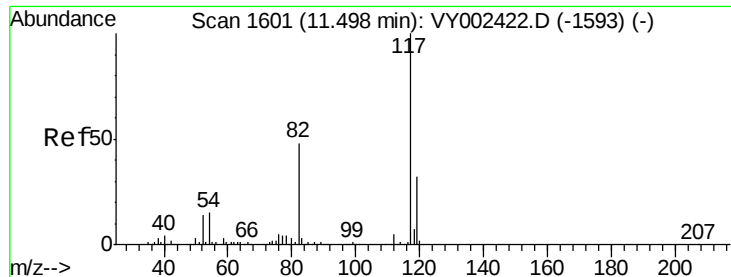


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

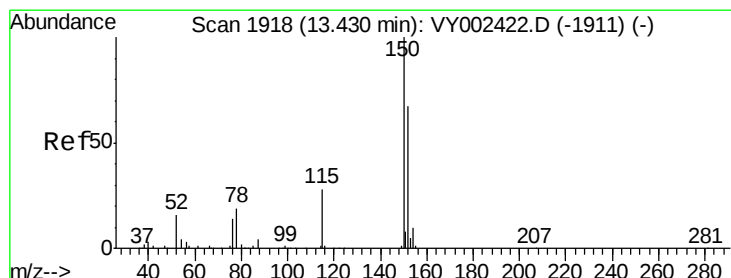
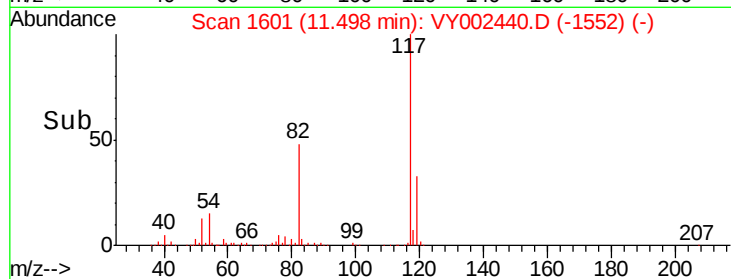
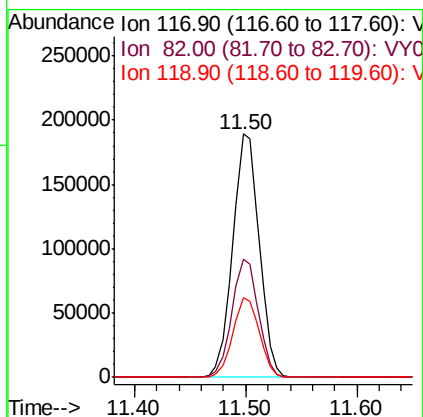
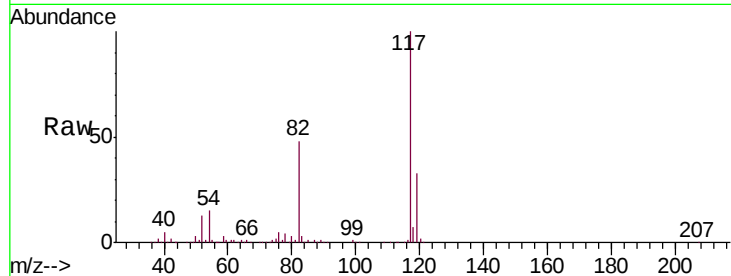




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002440.D
Acq: 21 Apr 2020 17:55

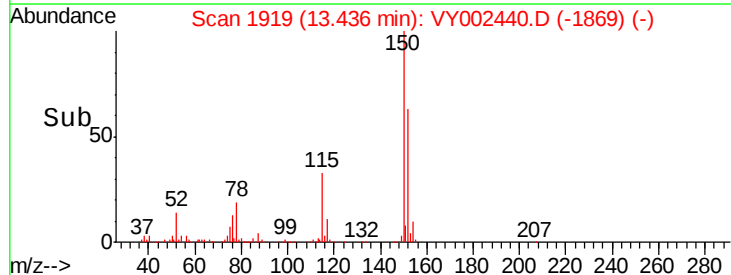
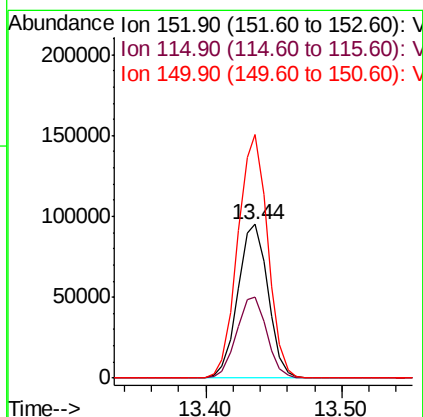
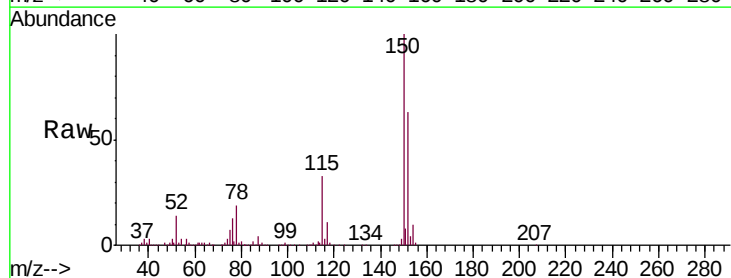
Instrument :
MSVOA_Y
ClientSampleId :
TP-3-S2

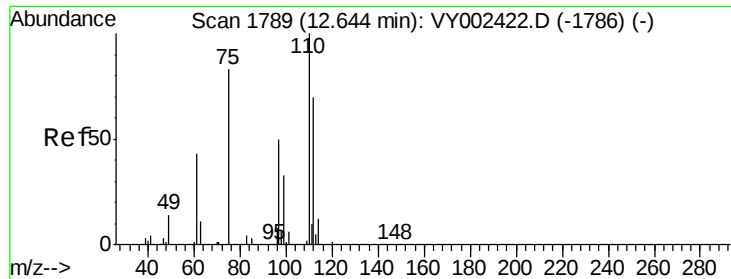
Tgt Ion:117 Resp: 311002
Ion Ratio Lower Upper
117 100
82 48.4 38.4 57.6
119 32.6 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002440.D
Acq: 21 Apr 2020 17:55

Tgt Ion:152 Resp: 146708
Ion Ratio Lower Upper
152 100
115 53.1 27.3 81.8
150 157.3 0.0 344.0





#76

1,2,3-Trichloropropane

Concen: 43.042 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002440.D

Acq: 21 Apr 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

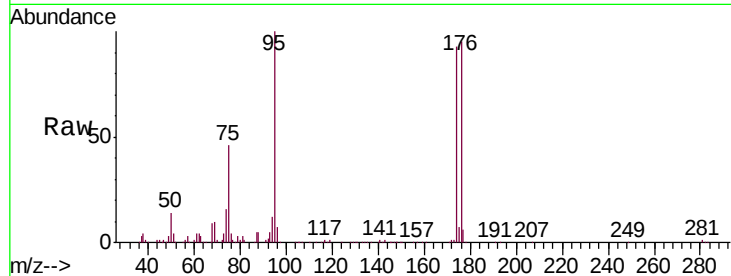
TP-3-S2

Tgt Ion: 75 Resp: 55630

Ion Ratio Lower Upper

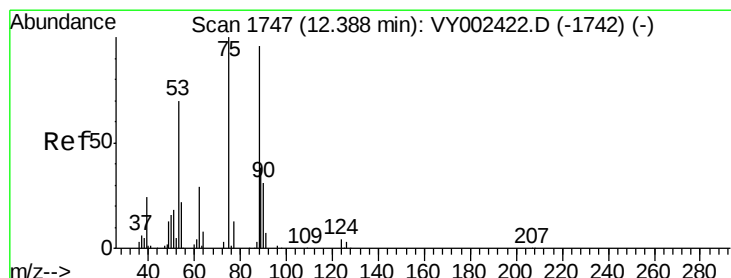
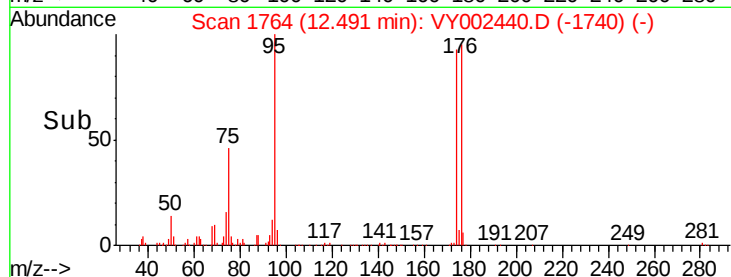
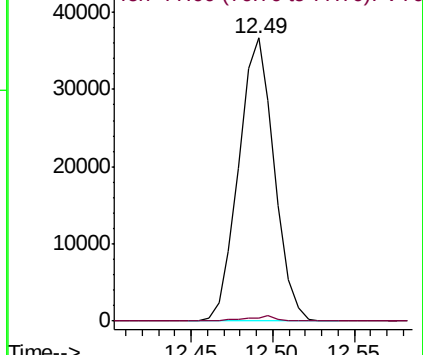
75 100

77 1.5 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: 83.884 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002440.D

Acq: 21 Apr 2020 17:55

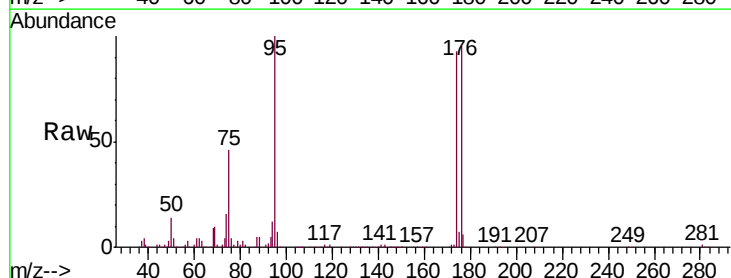
Tgt Ion: 75 Resp: 55630

Ion Ratio Lower Upper

75 100

53 0.0 58.7 88.1#

89 0.0 37.9 56.9#



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

