

Data File : VY002438.D
Acq On : 21 Apr 2020 17:10
Operator : SY/MD
Sample : L2327-14RE
Misc : 6.84G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-4-D2RE

Quant Time: Apr 22 02:37:10 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	7.80	168	232130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	377779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	316420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	147437	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	101923	60.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.74%	
35) Dibromofluoromethane	7.73	113	110087	55.40	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	110.80%	
50) Toluene-d8	10.19	98	376092	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
62) 4-Bromofluorobenzene	12.49	95	124173	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	

Target Compounds

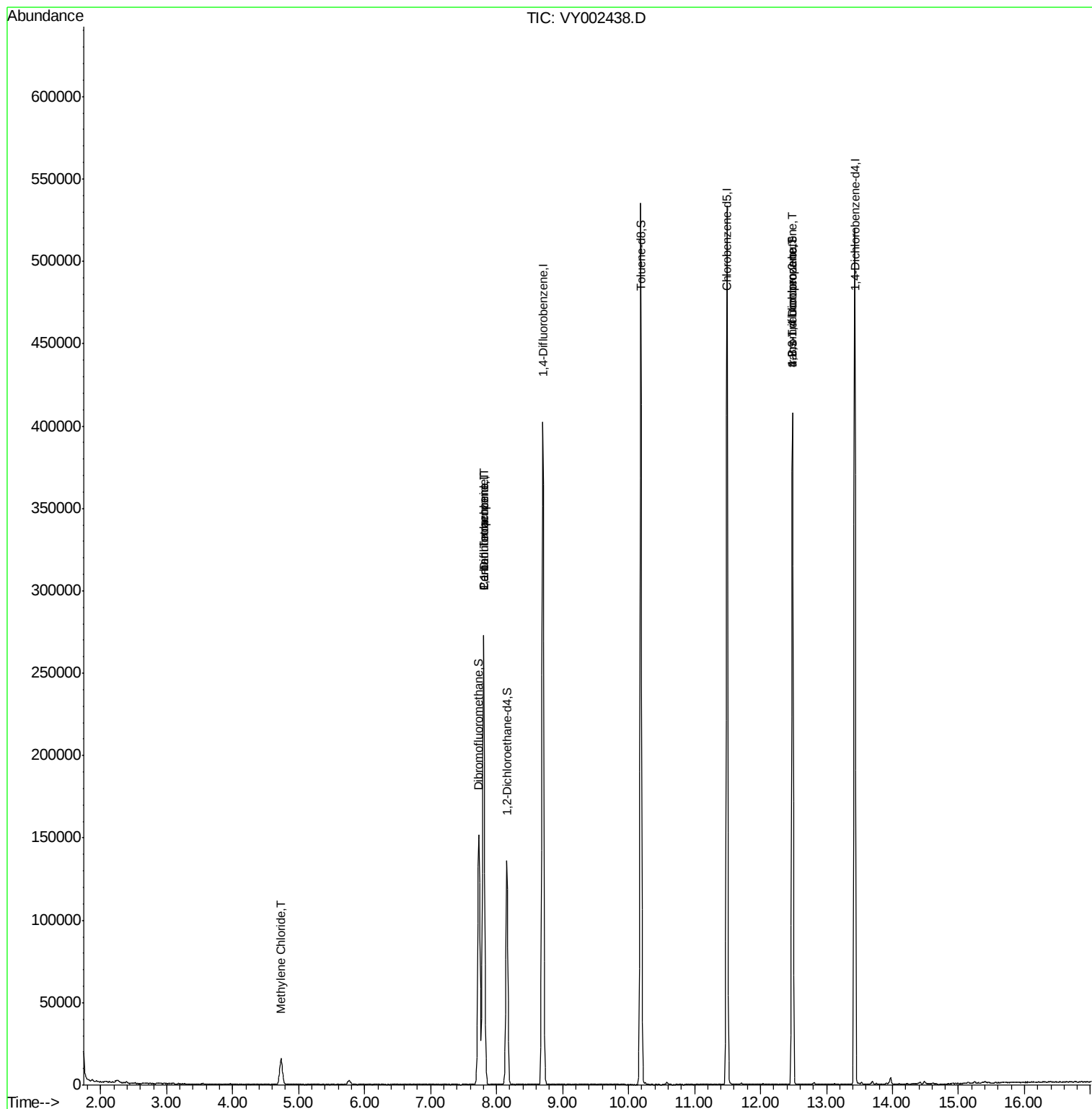
						Qvalue
20) Methylene Chloride	4.73	84	12874	5.099	ug/l	96
36) 1,1-Dichloropropene	7.80	75	14068	4.628	ug/l #	47
38) Carbon Tetrachloride	7.81	117	20745	6.775	ug/l #	14
76) 1,2,3-Trichloropropane	12.49	75	57034	43.910	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	57034	85.576	ug/l #	19

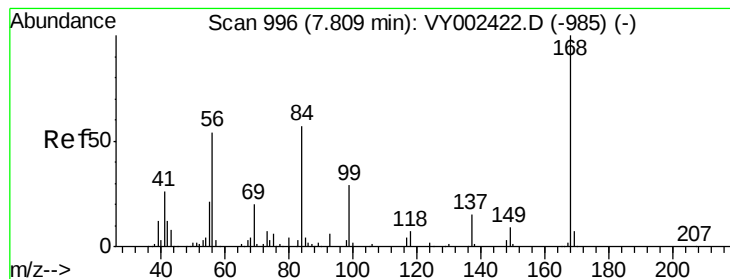
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002438.D

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MSVOA_Y

ClientSampleId :

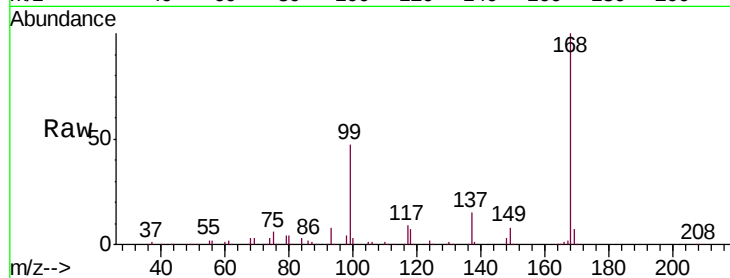
TP-4-D2RE

Tgt Ion:168 Resp: 232130

Ion Ratio Lower Upper

168 100

99 47.2 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002422.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002422.D (-985) (-)

7.80

100000

80000

60000

40000

20000

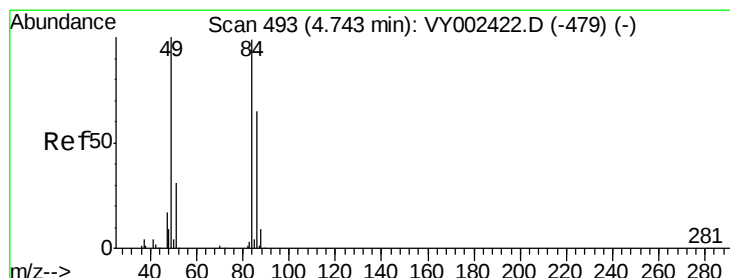
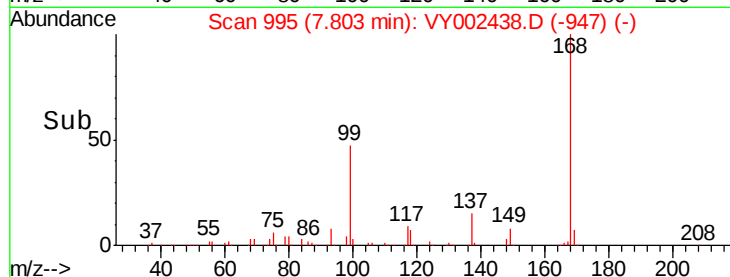
0

Time-->

7.70

7.80

7.90



#20

Methylene Chloride

Concen: 5.099 ug/l

RT: 4.73 min Scan# 491

Delta R.T. -0.01 min

Lab File: VY002438.D

Acq: 21 Apr 2020 17:10

Tgt Ion: 84 Resp: 12874

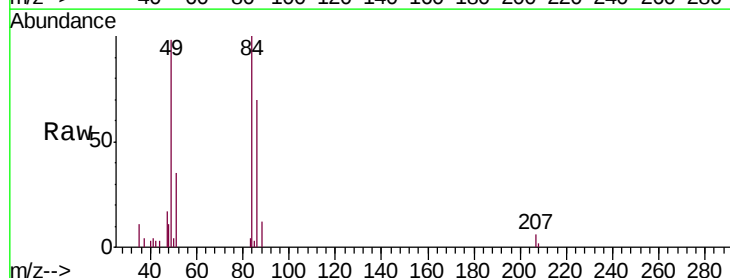
Ion Ratio Lower Upper

84 100

49 98.1 81.0 121.6

51 35.0 24.9 37.3

86 69.8 52.7 79.1



Abundance Ion 83.90 (83.60 to 84.60): VY002422.D (-479) (-)

Ion 48.90 (48.60 to 49.60): VY002422.D (-479) (-)

Ion 50.90 (50.60 to 51.60): VY002422.D (-479) (-)

Ion 85.90 (85.60 to 86.60): VY002422.D (-479) (-)

4.73

6000

5000

4000

3000

2000

1000

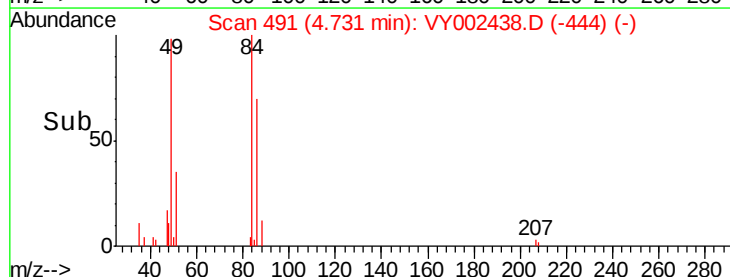
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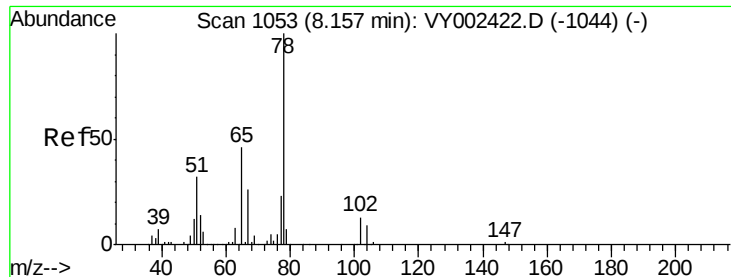
Time-->

4.60

4.70

4.80

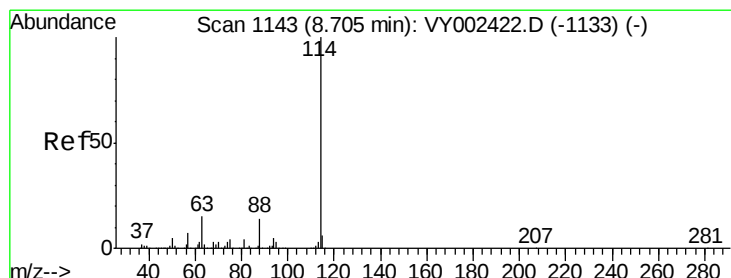
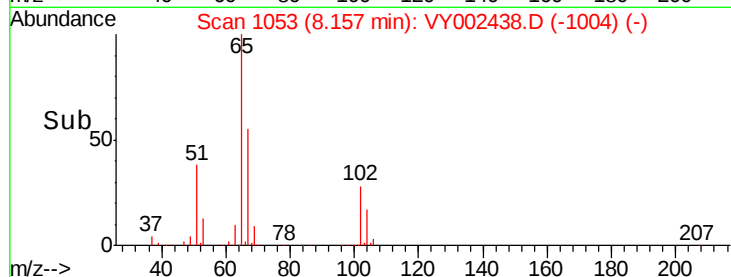
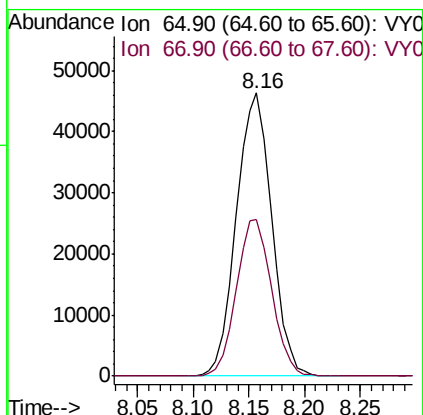
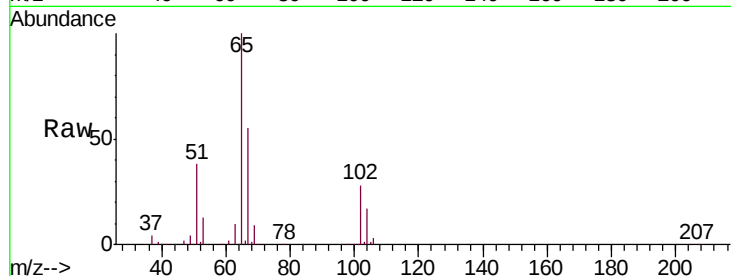




#33
 1,2-Dichloroethane-d4
 Concen: 60.370 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VY002438.D
 Acq: 21 Apr 2020 17:10

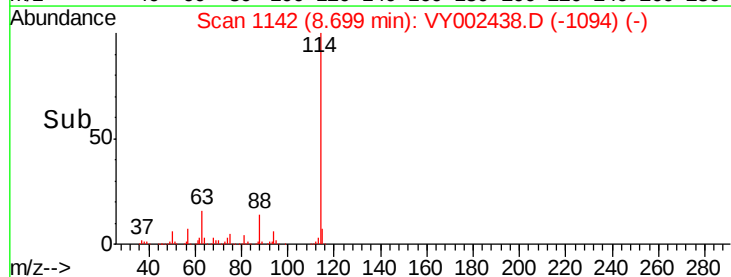
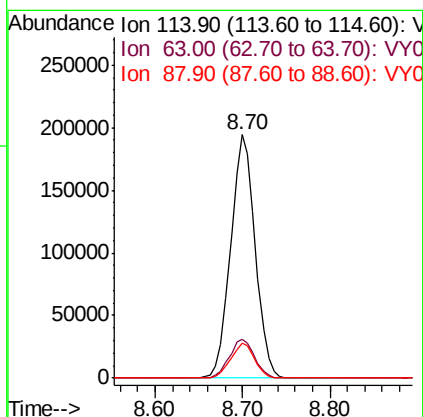
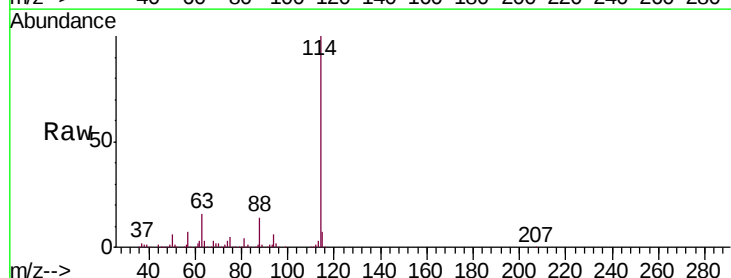
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4-D2RE

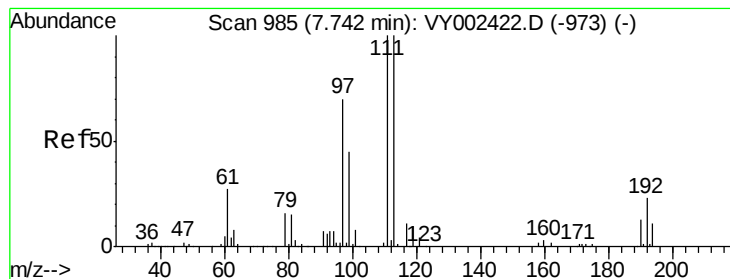
Tgt Ion: 65 Resp: 101923
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002438.D
 Acq: 21 Apr 2020 17:10

Tgt Ion: 114 Resp: 377779
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 31.0
 88 14.2 0.0 28.2





#35

Dibromofluoromethane

Concen: 55.402 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002438.D

Acq: 21 Apr 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

TP-4-D2RE

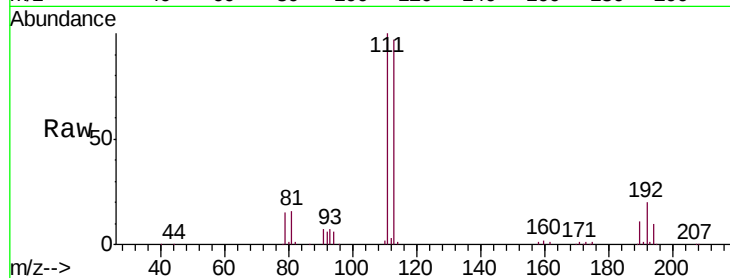
Tgt Ion:113 Resp: 110087

Ion Ratio Lower Upper

113 100

111 101.8 81.7 122.5

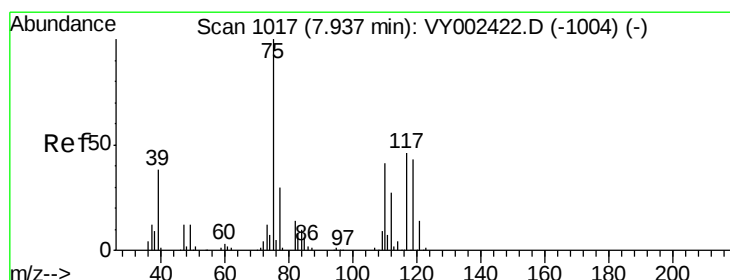
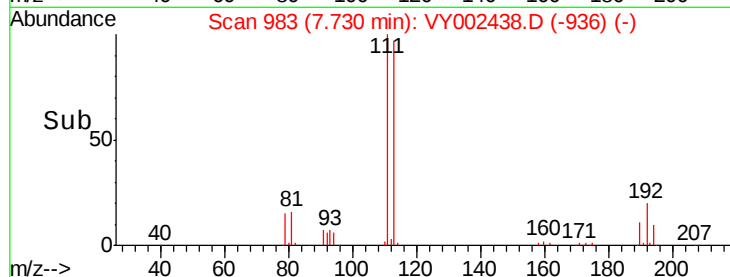
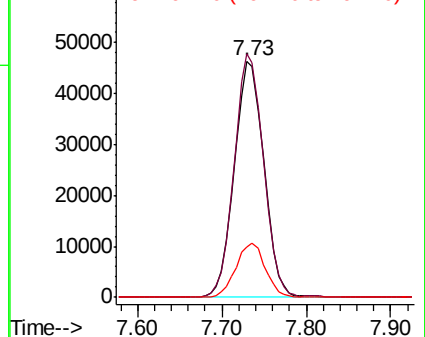
192 22.6 17.8 26.6



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: 4.628 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.13 min

Lab File: VY002438.D

Acq: 21 Apr 2020 17:10

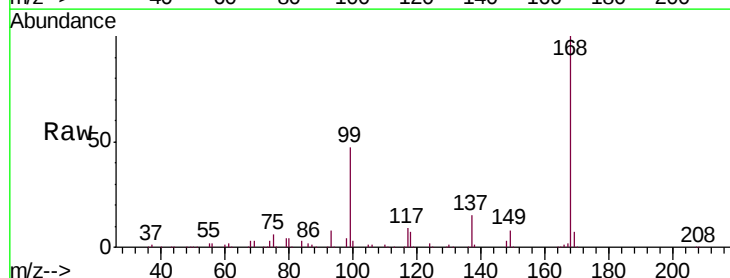
Tgt Ion: 75 Resp: 14068

Ion Ratio Lower Upper

75 100

110 9.3 20.4 61.2#

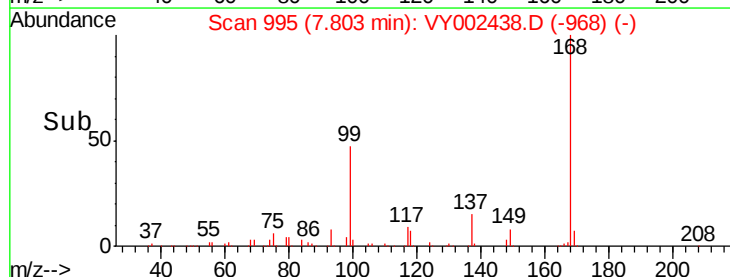
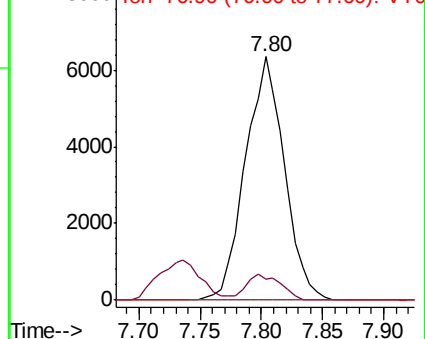
77 0.0 25.5 38.3#

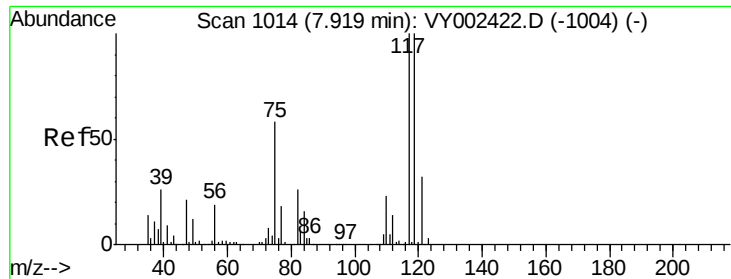


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

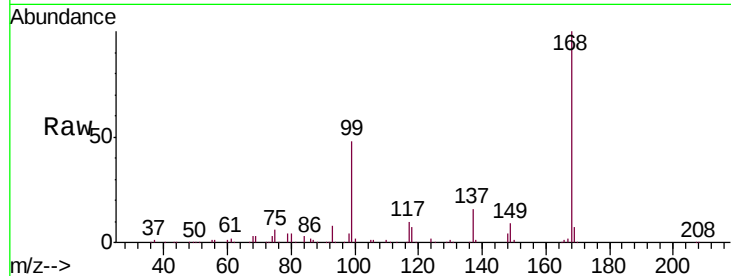




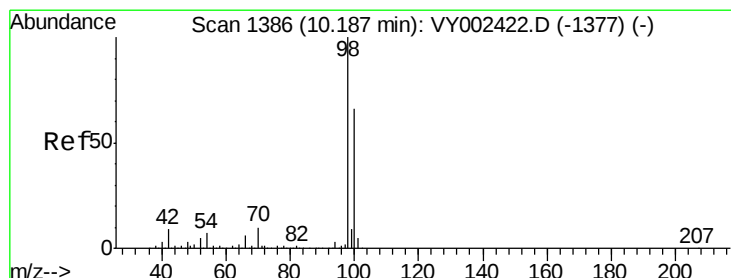
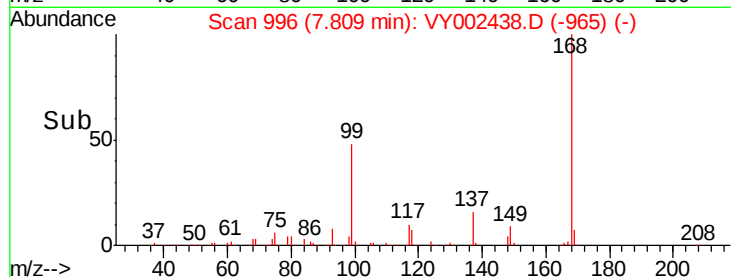
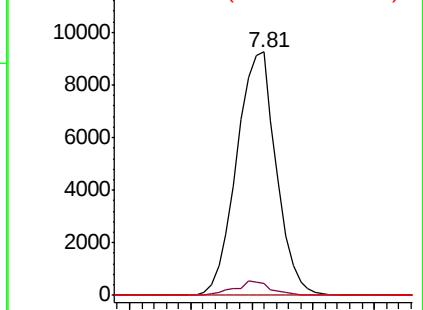
#38
 Carbon Tetrachloride
 Concen: 6.775 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.11 min
 Lab File: VY002438.D
 Acq: 21 Apr 2020 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4-D2RE

Tgt Ion: 117 Resp: 20745
 Ion Ratio Lower Upper
 117 100
 119 4.8 79.6 119.4#
 121 0.0 25.4 38.2#

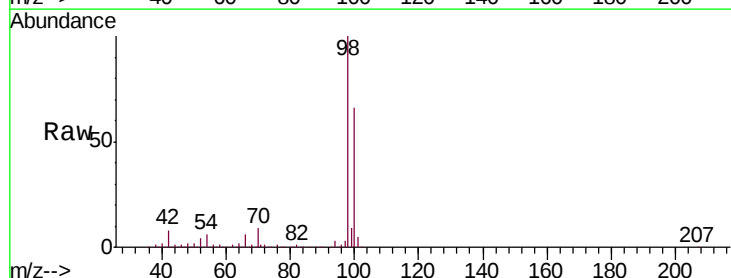


Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

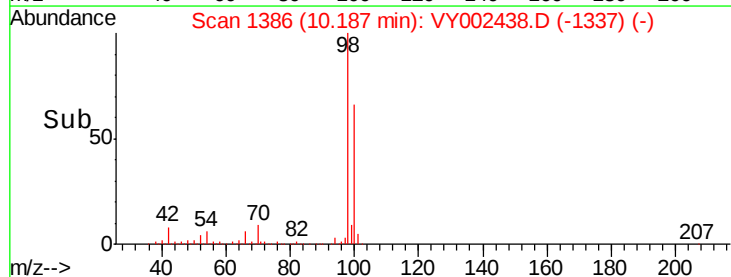
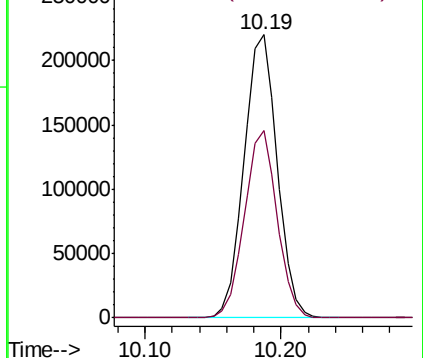


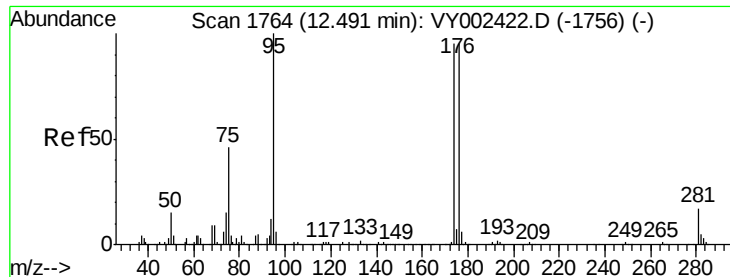
#50
 Toluene-d8
 Concen: 46.796 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: VY002438.D
 Acq: 21 Apr 2020 17:10

Tgt Ion: 98 Resp: 376092
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY

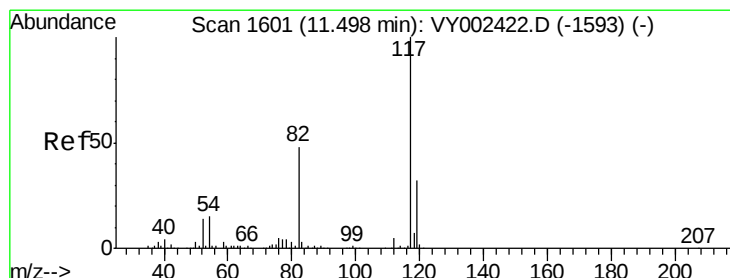
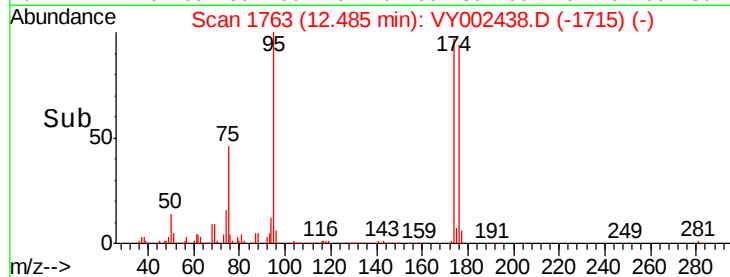
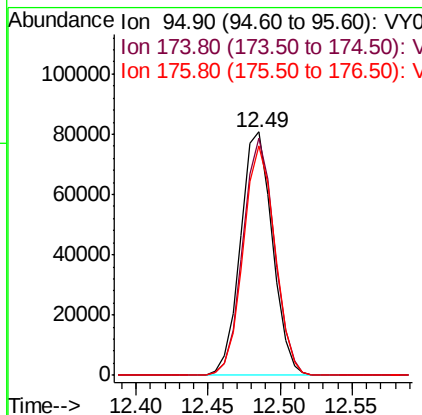
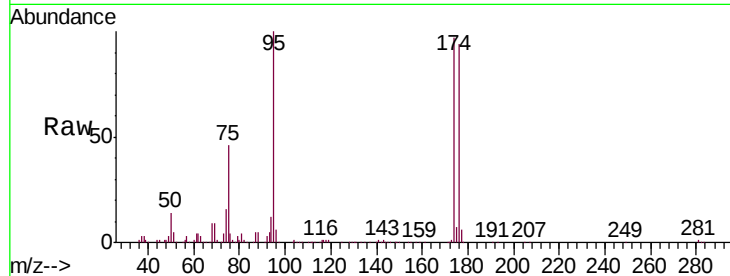




#62
 4-Bromofluorobenzene
 Concen: 46.797 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002438.D
 Acq: 21 Apr 2020 17:10

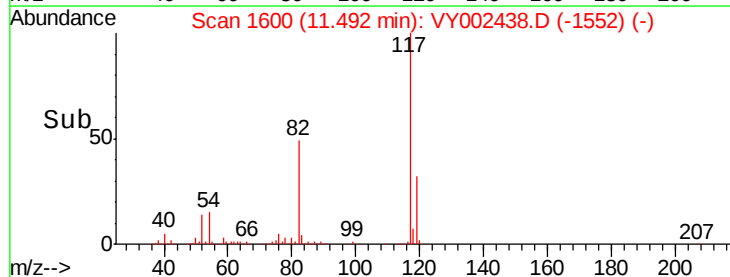
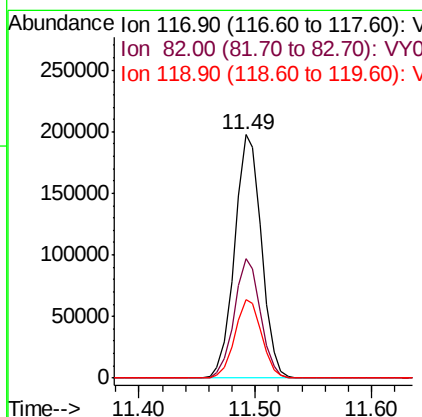
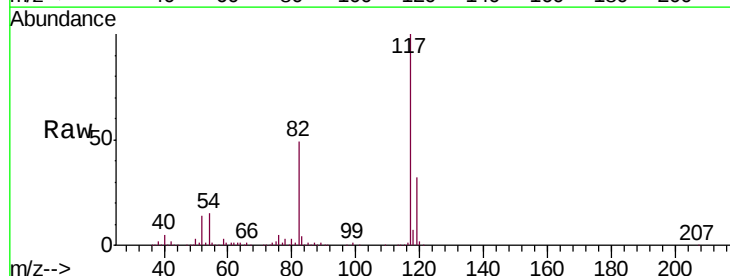
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4-D2RE

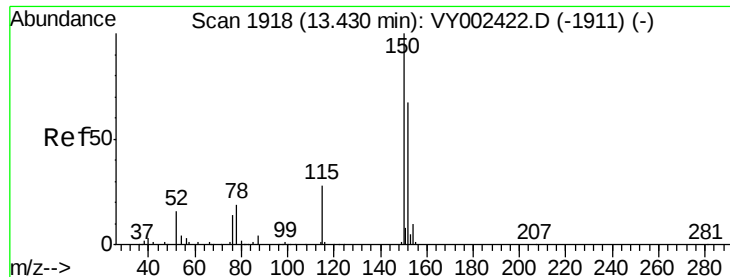
Tgt Ion: 95 Resp: 124173
 Ion Ratio Lower Upper
 95 100
 174 96.1 0.0 185.8
 176 92.9 0.0 181.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.49 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: VY002438.D
 Acq: 21 Apr 2020 17:10

Tgt Ion: 117 Resp: 316420
 Ion Ratio Lower Upper
 117 100
 82 48.8 38.4 57.6
 119 32.2 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002438.D

Acq: 21 Apr 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

TP-4-D2RE

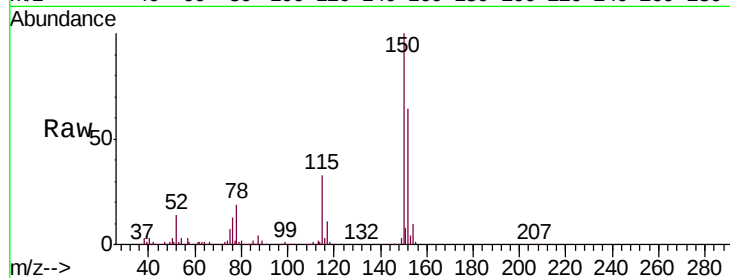
Tgt Ion:152 Resp: 147437

Ion Ratio Lower Upper

152 100

115 53.5 27.3 81.8

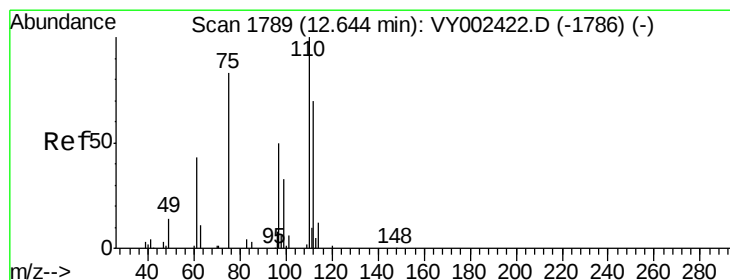
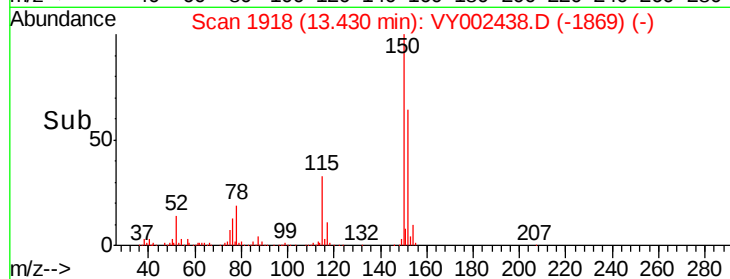
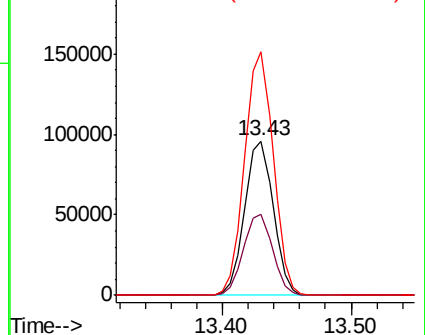
150 157.5 0.0 344.0



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: 43.910 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.16 min

Lab File: VY002438.D

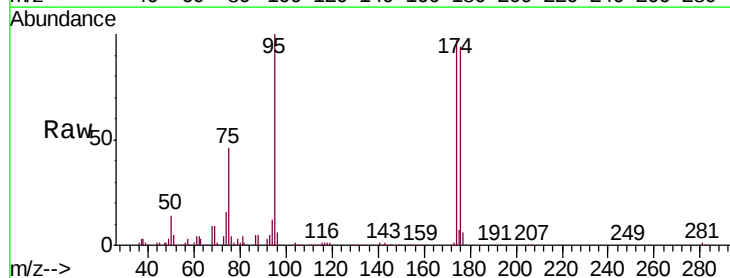
Acq: 21 Apr 2020 17:10

Tgt Ion: 75 Resp: 57034

Ion Ratio Lower Upper

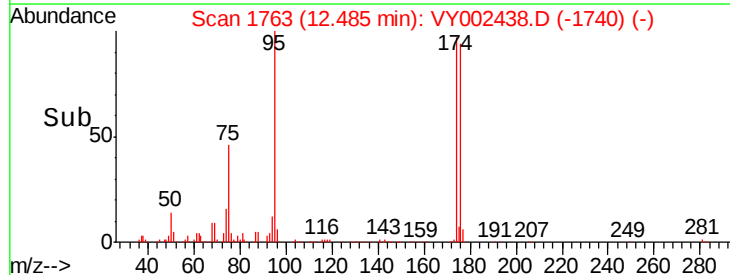
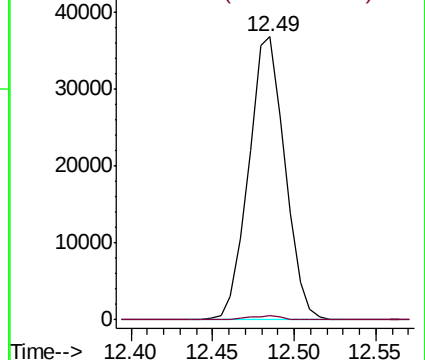
75 100

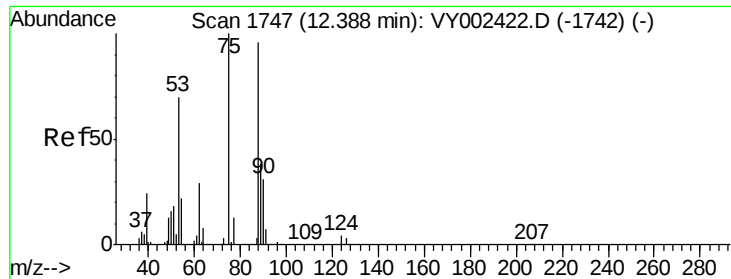
77 1.4 0.0 0.0#



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: 85.576 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002438.D

Acq: 21 Apr 2020 17:10

Instrument :

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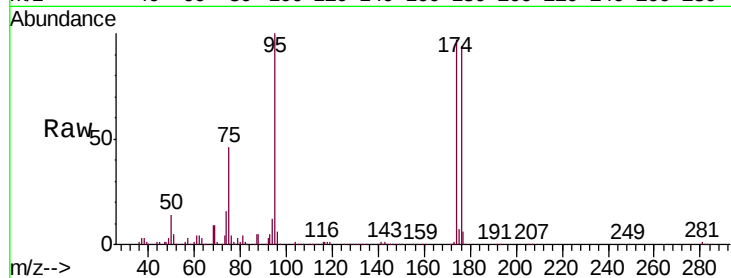
Tgt Ion: 75 Resp: 57034

Ion Ratio Lower Upper

75 100

53 0.0 58.7 88.1#

89 0.1 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

