

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001388.D
 Acq On : 24 Jan 2020 17:24
 Operator : SY/MD
 Sample : L1262-01
 Misc : 6.11G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 03:51:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

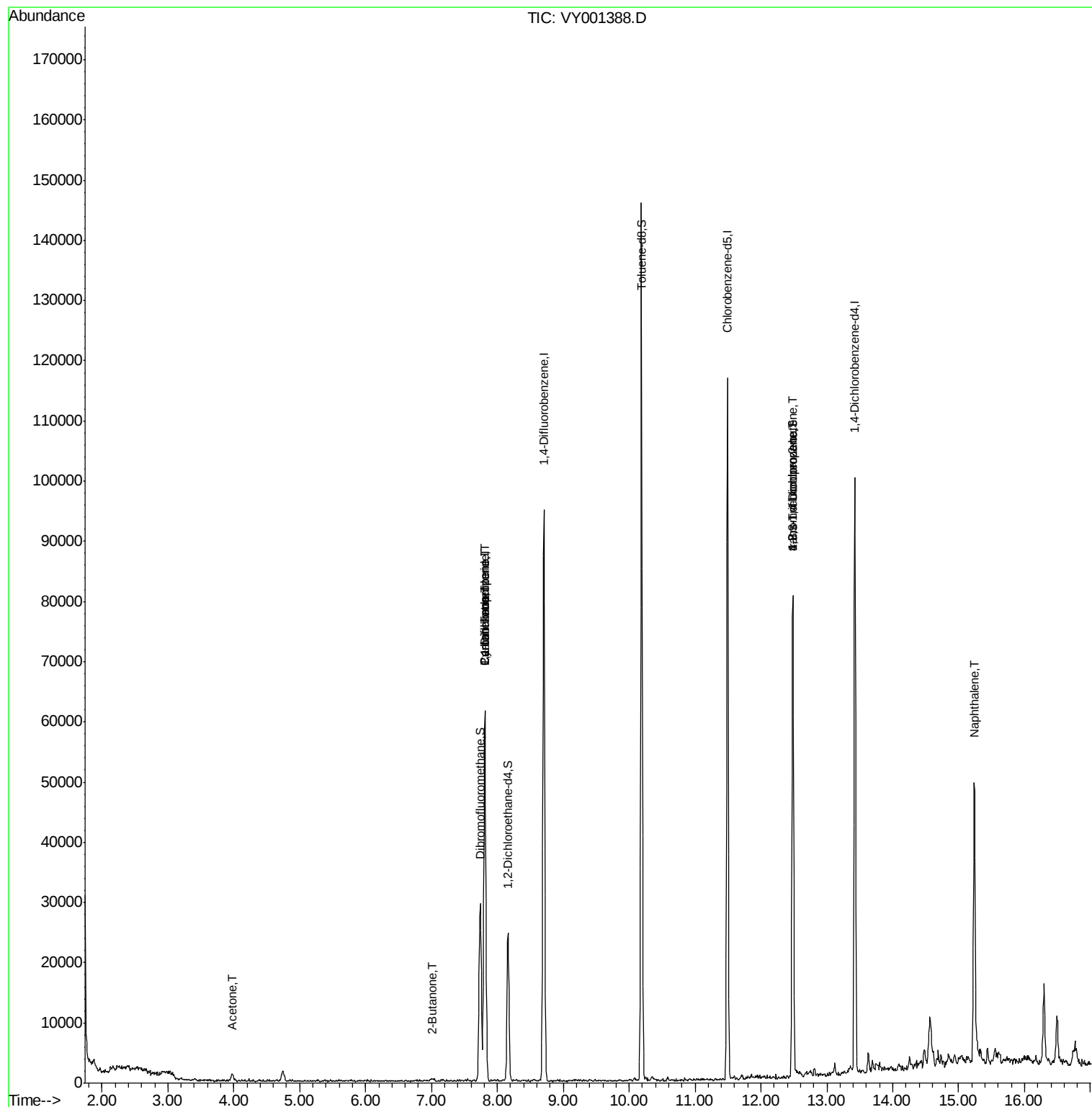
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	48295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	79800	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	62163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	23983	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	18424	35.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.12%	
35) Dibromofluoromethane	7.74	113	20588	43.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.92%	
50) Toluene-d8	10.19	98	92724	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.48	95	27025	37.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.58%	
Target Compounds						
16) Acetone	3.97	43	2238	8.855	ug/l	92
20) Methylene Chloride	4.74	84	1357	Below Cal	#	77
25) 2-Butanone	7.02	43	719	3.143	ug/l #	34
31) Cyclohexane	7.80	56	1120	1.102	ug/l #	8
36) 1,1-Dichloropropene	7.80	75	3960	5.253	ug/l #	50
38) Carbon Tetrachloride	7.81	117	4785	7.122	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	13604	47.073	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	13604	89.081	ug/l #	14
95) Naphthalene	15.24	128	35658	31.209	ug/l	99

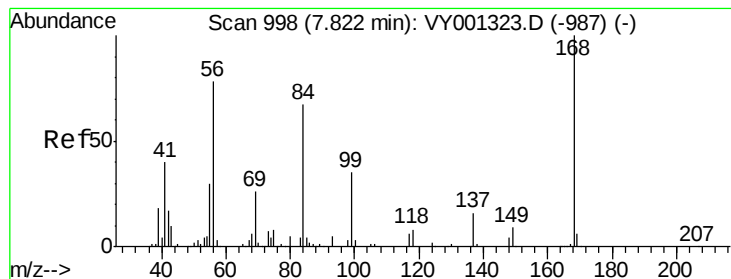
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
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MSVOA_Y
ClientSampleId :

Quant Time: Jan 25 03:51:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001388.D

Acq: 24 Jan 2020 17:24

Instrument :

MSVOA_Y

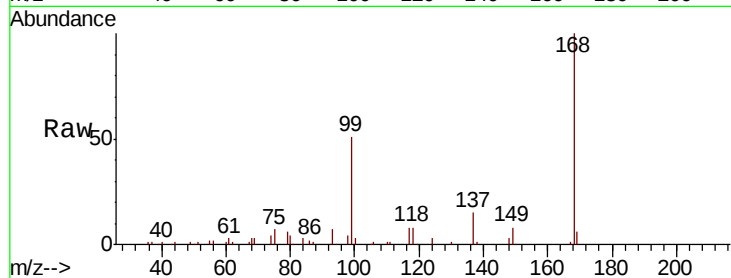
ClientSampled :

Tot Ion:168 Resp: 48295

Ion Ratio Lower Upper

168 100

99 50.8 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.82

25000

20000

15000

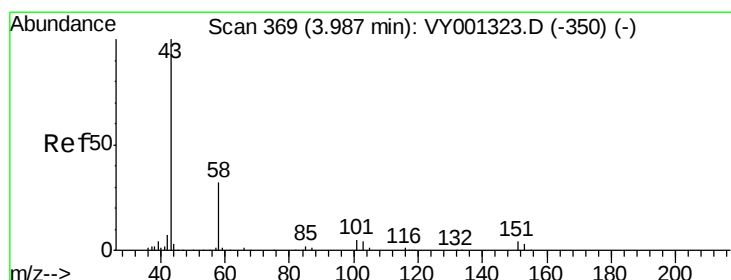
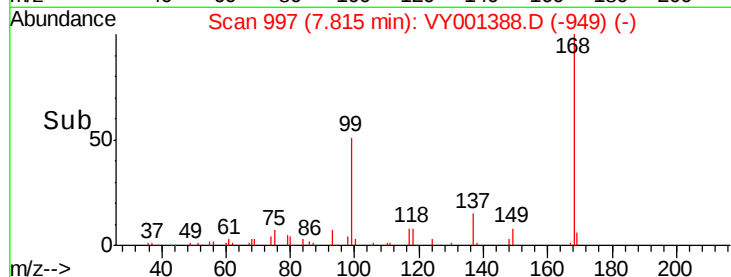
10000

5000

0

Time-->

7.70 7.75 7.80 7.85 7.90



#16

Acetone

Concen: 8.855 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.02 min

Lab File: VY001388.D

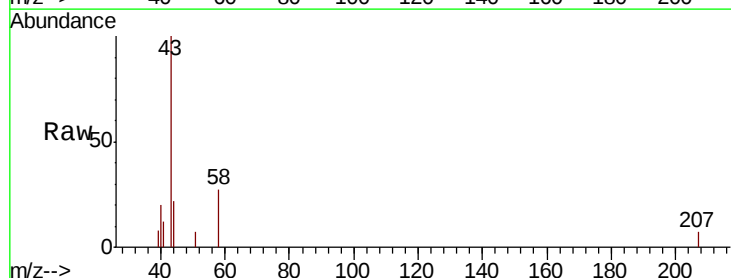
Acq: 24 Jan 2020 17:24

Tgt Ion: 43 Resp: 2238

Ion Ratio Lower Upper

43 100

58 27.5 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VY001323.D (-350) (-)

Ion 58.00 (57.70 to 58.70): VY001323.D (-350) (-)

3.97

800

600

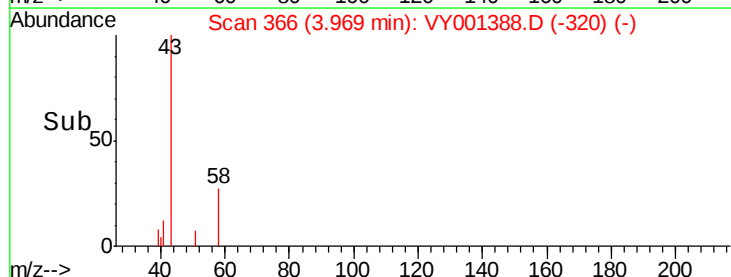
400

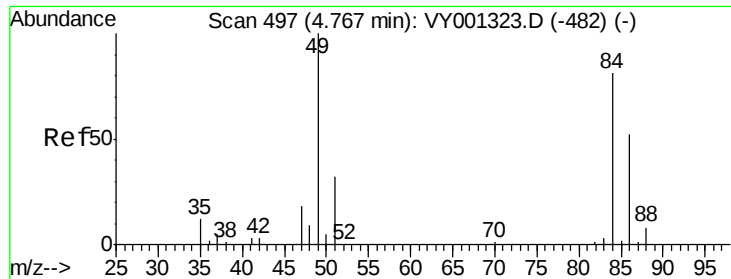
200

0

Time-->

3.90 3.95 4.00 4.05

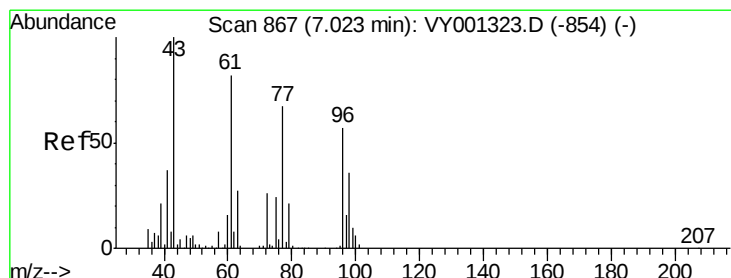
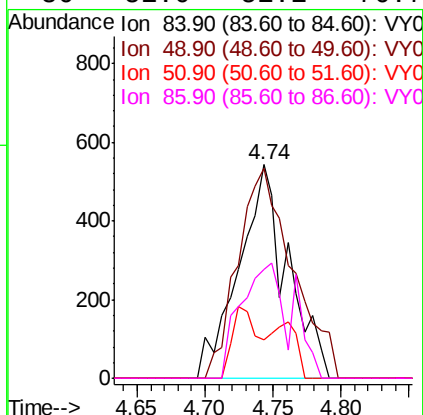
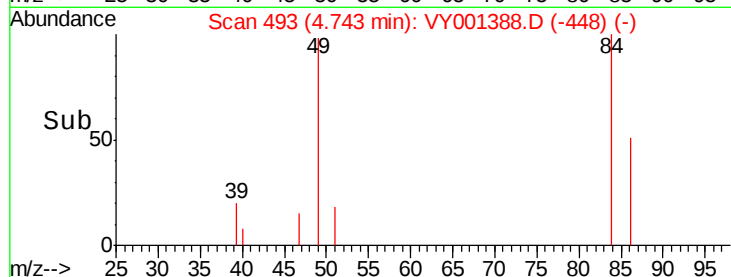
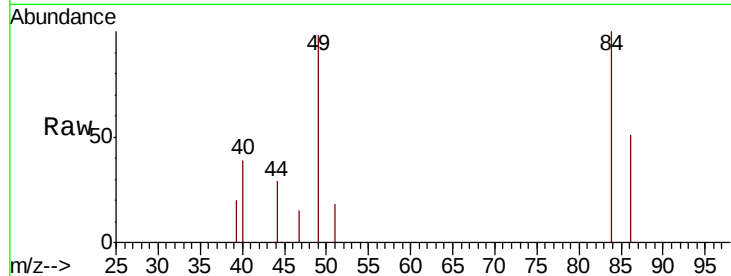




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.74 min Scan# 493
Delta R.T. -0.02 min
Lab File: VY001388.D
Acq: 24 Jan 2020 17:24

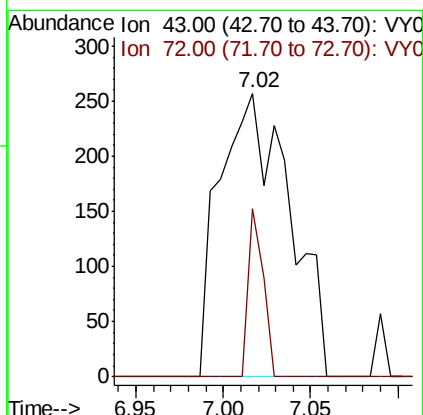
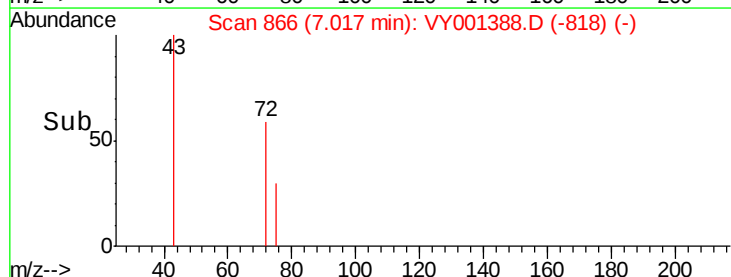
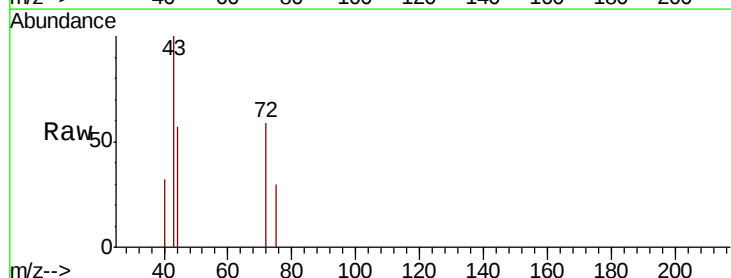
Instrument :
MSVOA_Y
ClientSampleId :

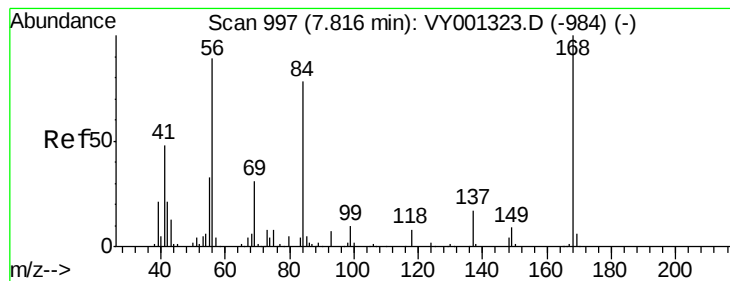
Tot Ion: 84 Resp: 1357
Ion Ratio Lower Upper
84 100
49 98.2 98.3 147.5#
51 18.0 31.6 47.4#
86 51.0 51.1 76.7#



#25
2-Butanone
Concen: 3.143 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.01 min
Lab File: VY001388.D
Acq: 24 Jan 2020 17:24

Tgt Ion: 43 Resp: 719
Ion Ratio Lower Upper
43 100
72 59.1 20.6 31.0#





#31

Cyclohexane

Concen: 1.102 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001388.D

Acq: 24 Jan 2020 17:24

Instrument :
MSVOA_Y
ClientSampled :

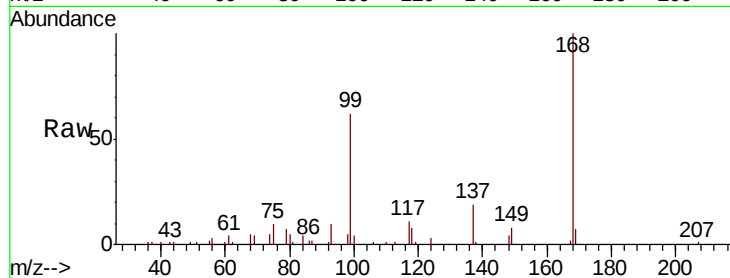
Tot Ion: 56 Resp: 1120

Ion Ratio Lower Upper

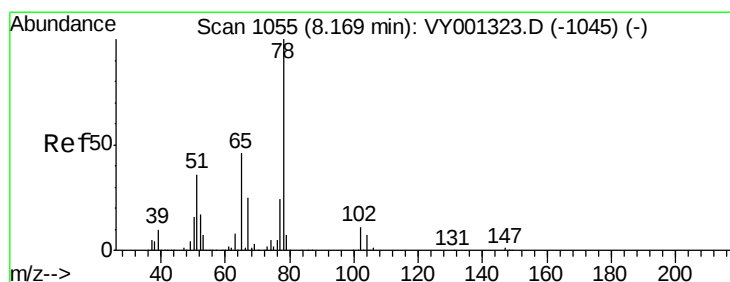
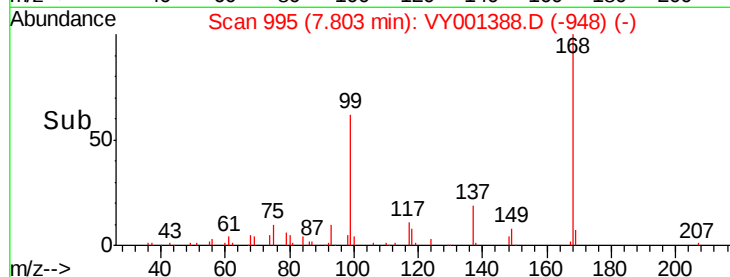
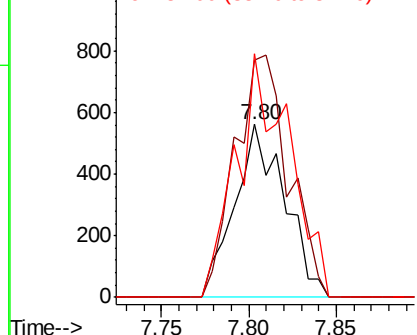
56 100

69 137.0 27.6 41.4#

84 140.7 69.7 104.5#



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 35.059 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001388.D

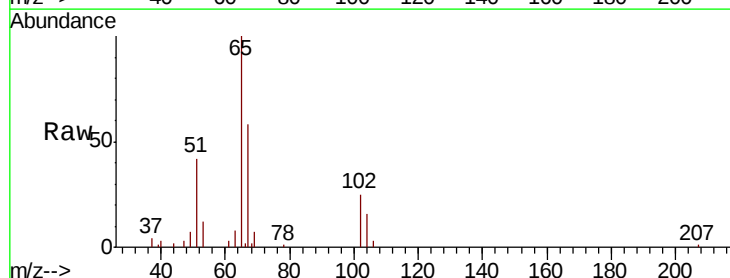
Acq: 24 Jan 2020 17:24

Tgt Ion: 65 Resp: 18424

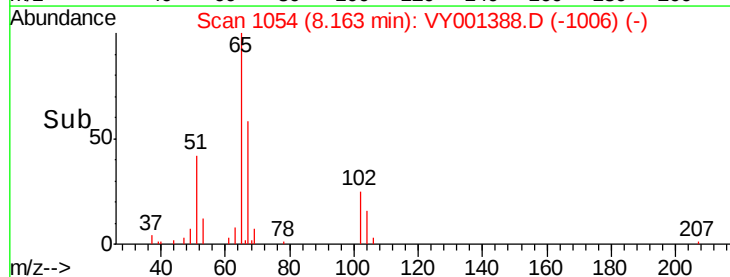
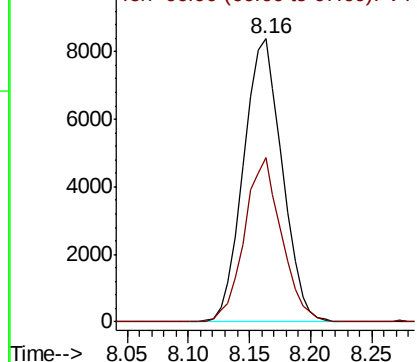
Ion Ratio Lower Upper

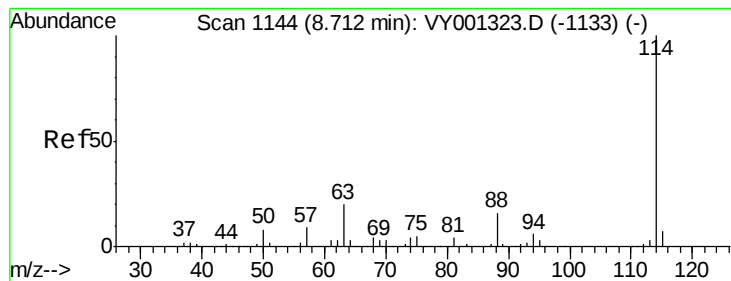
65 100

67 55.7 0.0 108.6



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: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001388.D

Acq: 24 Jan 2020 17:24

Instrument :

MSVOA_Y

ClientSampled :

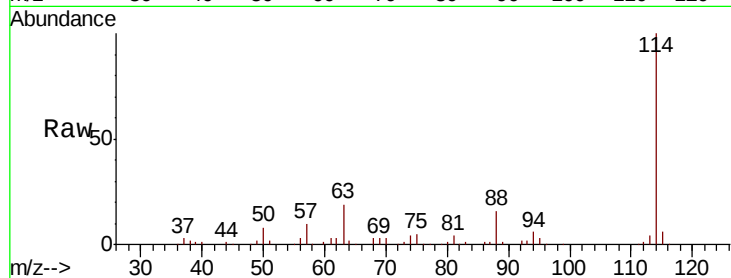
Tot Ion:114 Resp: 79800

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.8

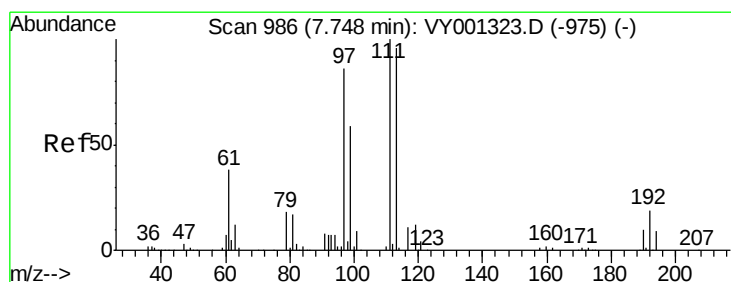
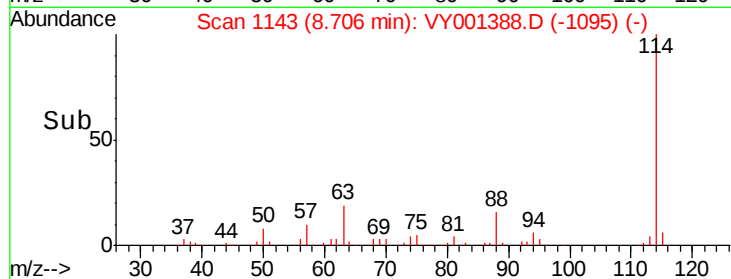
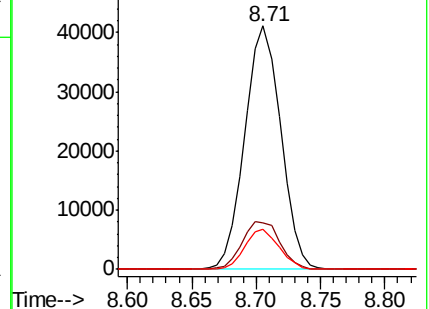
88 16.3 0.0 31.0



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: 43.958 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001388.D

Acq: 24 Jan 2020 17:24

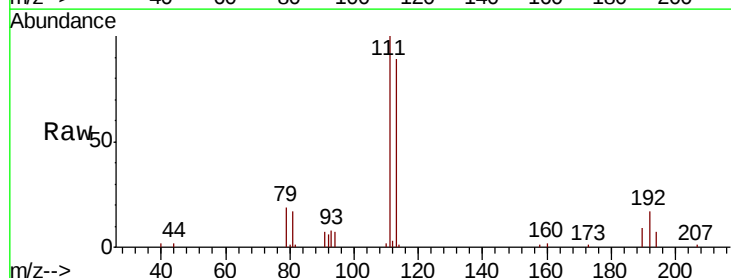
Tgt Ion:113 Resp: 20588

Ion Ratio Lower Upper

113 100

111 106.4 82.8 124.2

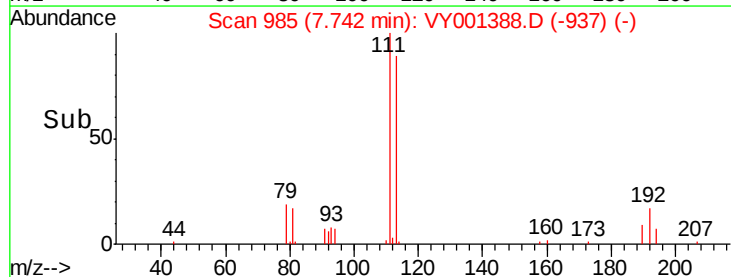
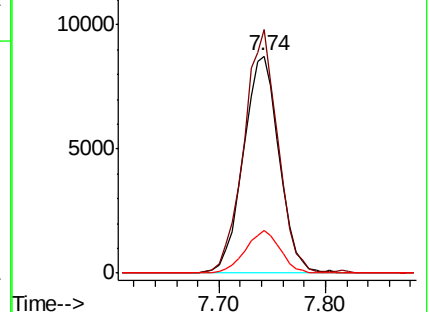
192 18.9 15.5 23.3

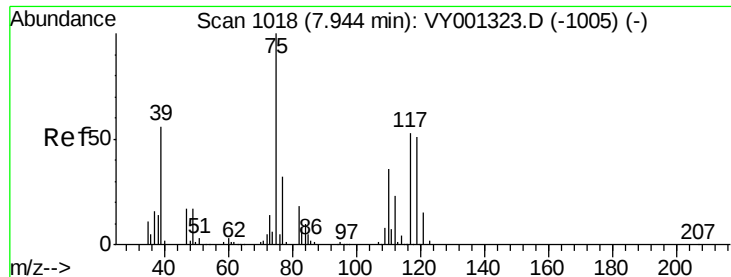


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

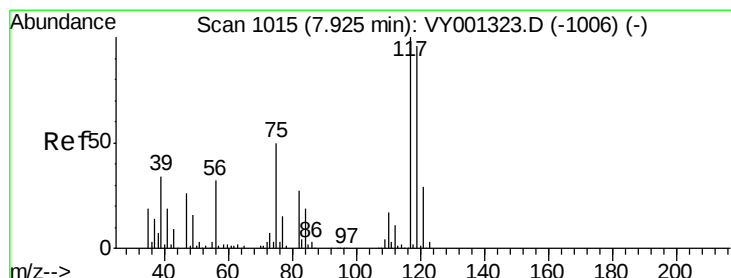
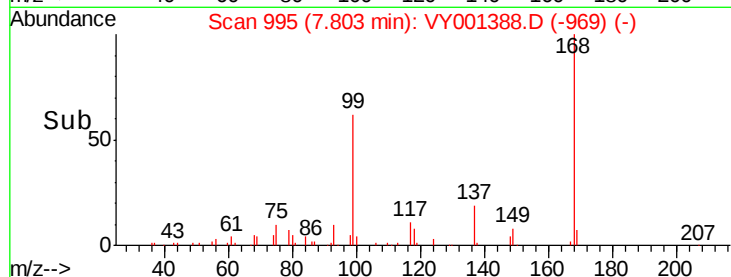
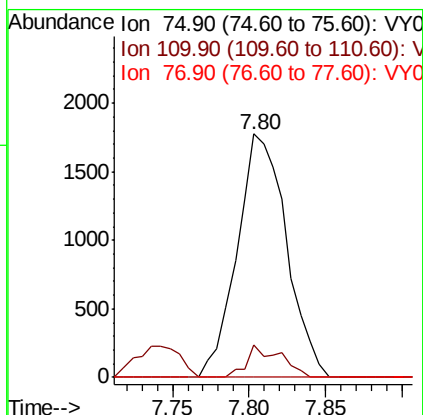
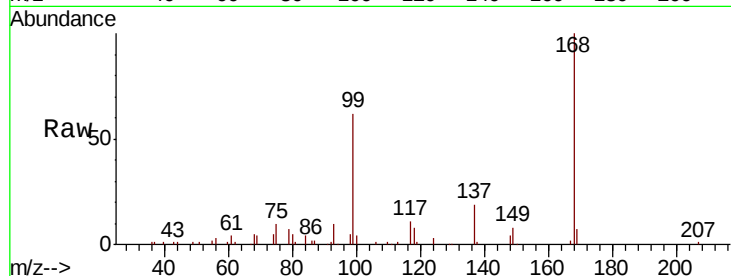




#36
 1,1-Dichloropropene
 Concen: 5.253 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.14 min
 Lab File: VY001388.D
 Acq: 24 Jan 2020 17:24

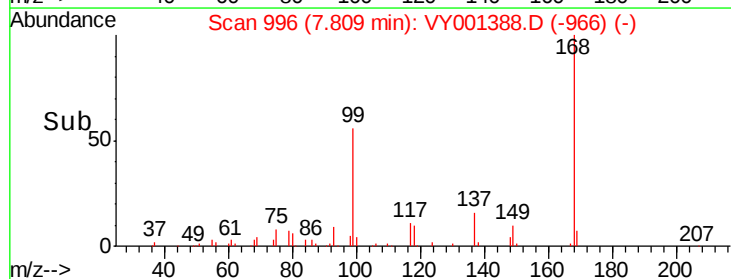
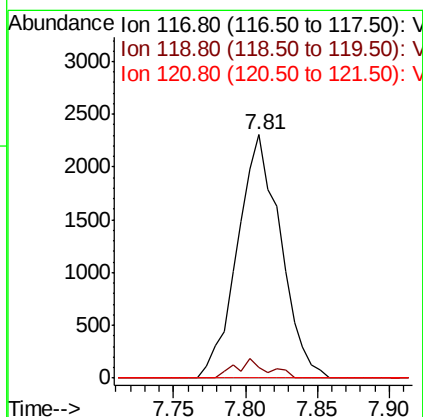
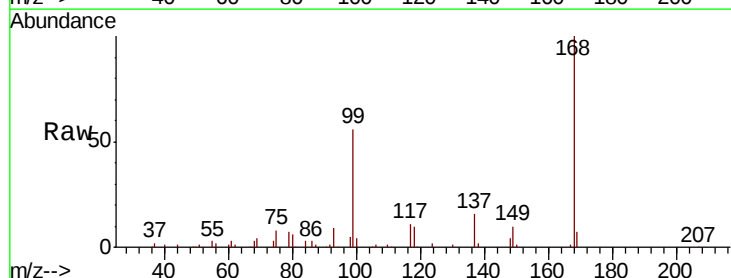
Instrument :
 MSVOA_Y
 ClientSampleId :

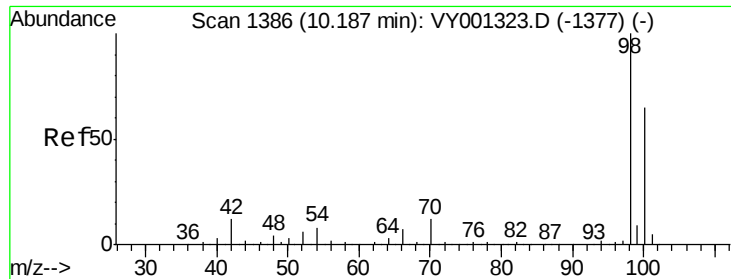
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.6	52.8#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 7.122 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY001388.D
 Acq: 24 Jan 2020 17:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.3	114.5#
121	0.0	23.5	35.3#





#50

Toluene-d8

Concen: 50.957 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY001388.D

Acq: 24 Jan 2020 17:24

Instrument :

MSVOA_Y

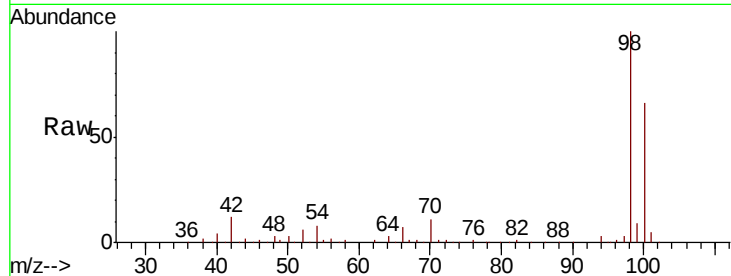
ClientSampled :

Tot Ion: 98 Resp: 92724

Ion Ratio Lower Upper

98 100

100 66.1 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY001388.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY001388.D (-1377) (-)

10.19

60000

50000

40000

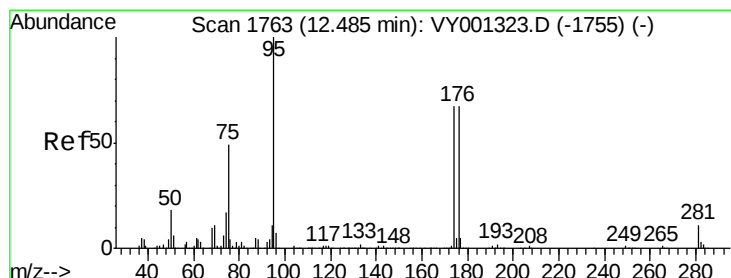
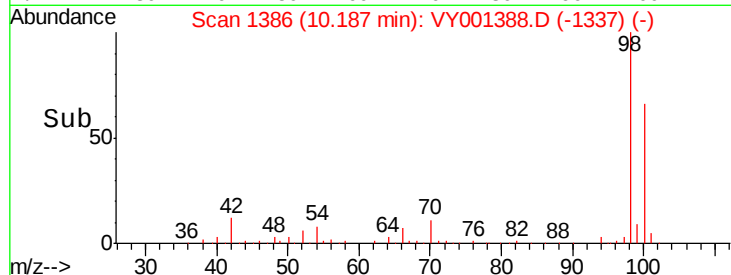
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 37.294 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY001388.D

Acq: 24 Jan 2020 17:24

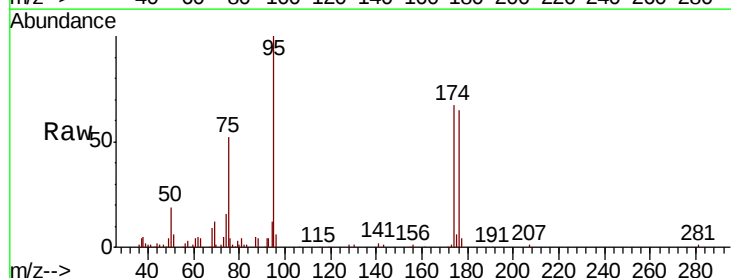
Tgt Ion: 95 Resp: 27025

Ion Ratio Lower Upper

95 100

174 72.9 0.0 142.0

176 70.2 0.0 138.6



Abundance Ion 94.90 (94.60 to 95.60): VY001388.D (-1714) (-)

Ion 173.80 (173.50 to 174.50): VY001388.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY001388.D (-1714) (-)

12.48

20000

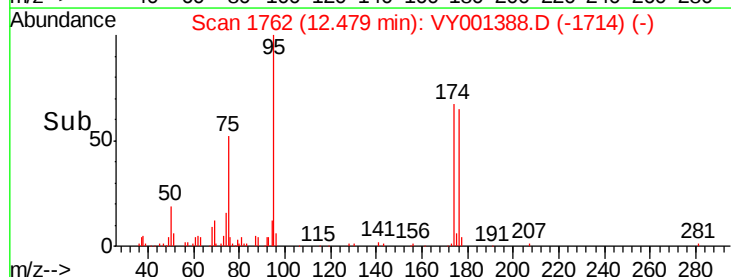
15000

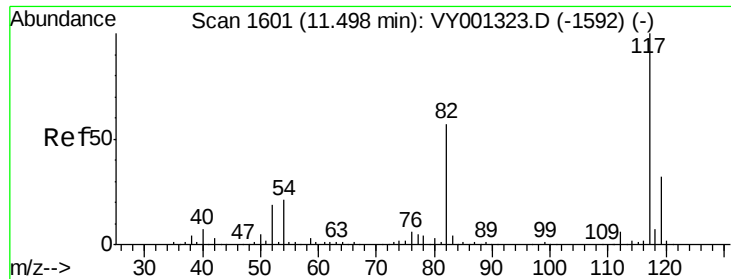
10000

5000

0

Time-->

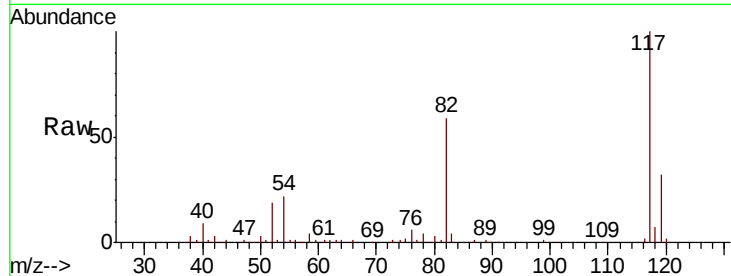




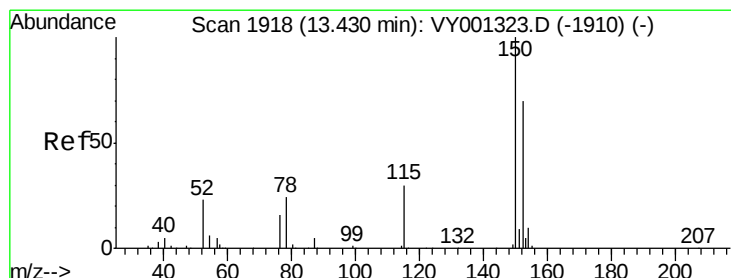
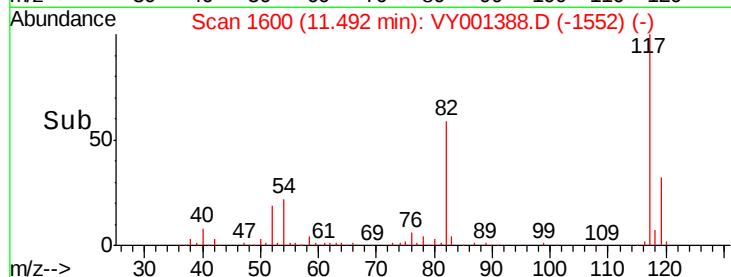
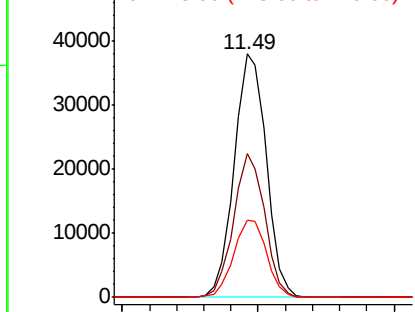
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001388.D
Acq: 24 Jan 2020 17:24

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 62163
Ion Ratio Lower Upper
117 100
82 58.9 45.5 68.3
119 31.8 25.8 38.6

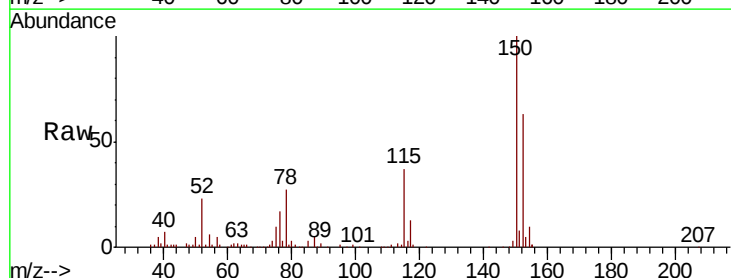


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

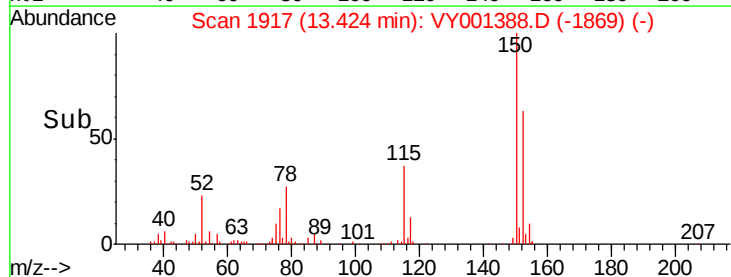
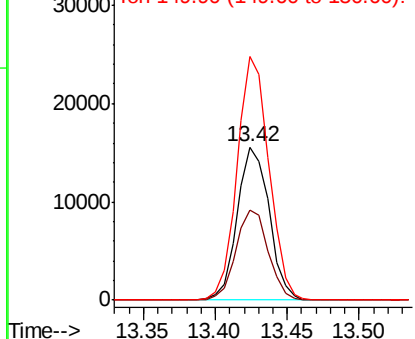


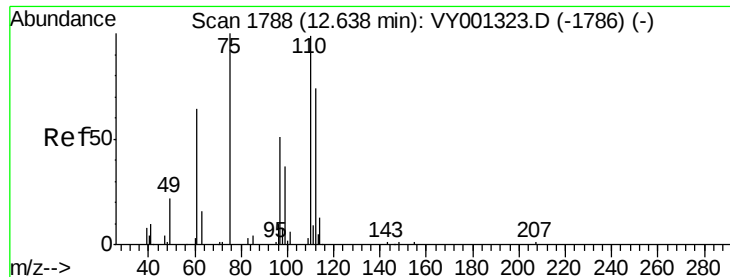
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY001388.D
Acq: 24 Jan 2020 17:24

Tgt Ion:152 Resp: 23983
Ion Ratio Lower Upper
152 100
115 59.7 30.9 92.8
150 158.6 0.0 349.2



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: 47.073 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY001388.D

Acq: 24 Jan 2020 17:24

Instrument :

MSVOA_Y

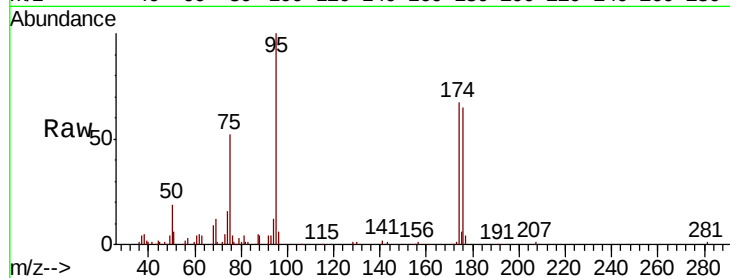
ClientSampleId :

Tot Ion: 75 Resp: 13604

Ion Ratio Lower Upper

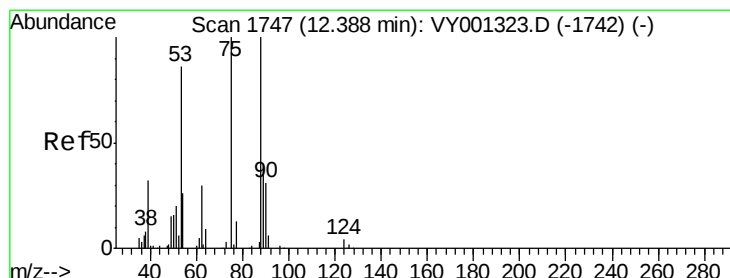
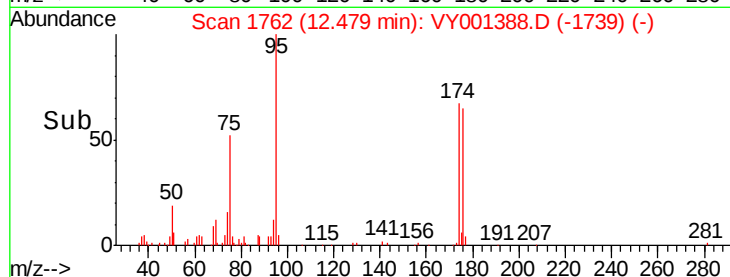
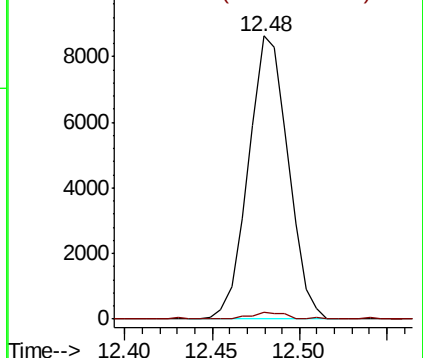
75 100

77 1.9 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: 89.081 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.09 min

Lab File: VY001388.D

Acq: 24 Jan 2020 17:24

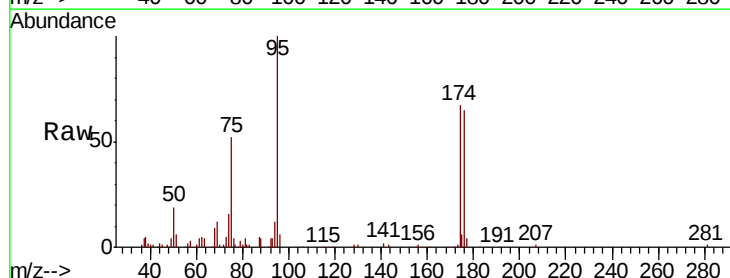
Tgt Ion: 75 Resp: 13604

Ion Ratio Lower Upper

75 100

53 0.0 69.9 104.9#

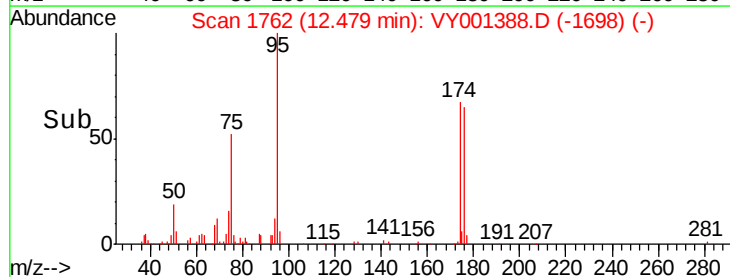
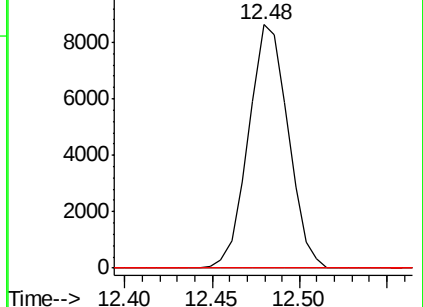
89 0.0 36.6 54.8#

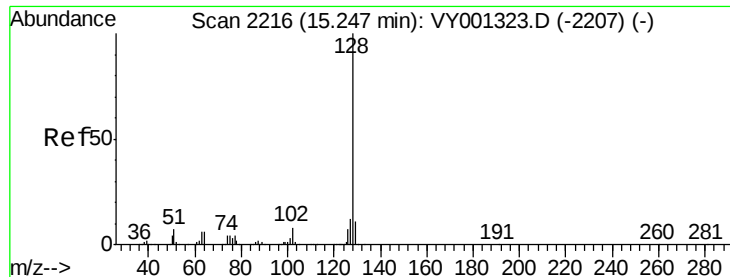


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0





#95

Naphthalene

Concen: 31.209 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001388.D

Acq: 24 Jan 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

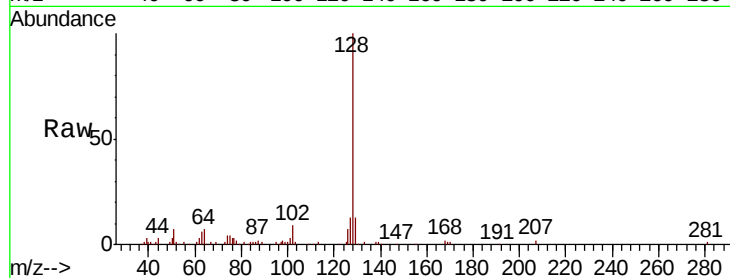
Tot Ion:128 Resp: 35658

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 12.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

