

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002070.D
 Acq On : 25 Mar 2020 16:30
 Operator : SY/MD
 Sample : L2034-02
 Misc : 5.97G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 26 06:36:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	133335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	261483	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	245059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	112590	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	87512	61.48	ug/l	0.00
Spiked Amount			Recovery	=	122.96%	
35) Dibromofluoromethane	7.75	113	78091	54.69	ug/l	0.00
Spiked Amount			Recovery	=	109.38%	
50) Toluene-d8	10.20	98	321948	53.47	ug/l	0.00
Spiked Amount			Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.49	95	113248	54.09	ug/l	0.00
Spiked Amount			Recovery	=	108.18%	

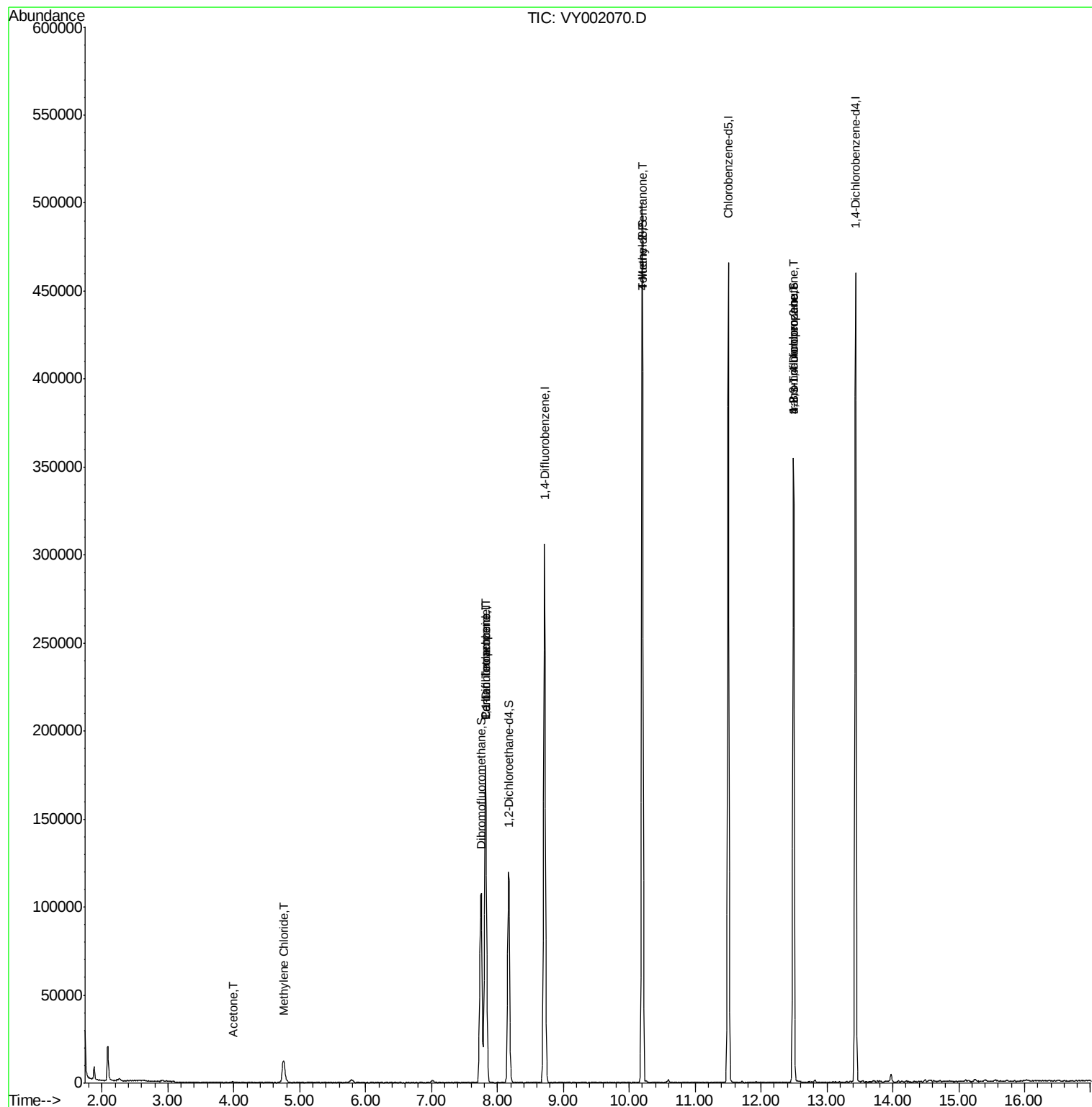
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	52	Below Cal	#	74
16) Acetone	3.99	43	1055	2.545	ug/l #	79
20) Methylene Chloride	4.76	84	9448	5.317	ug/l	96
36) 1,1-Dichloropropene	7.82	75	11777	4.680	ug/l #	50
38) Carbon Tetrachloride	7.82	117	13803	6.421	ug/l #	17
51) 4-Methyl-2-Pentanone	10.20	43	1538	1.078	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	58511	43.797	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	58511	88.468	ug/l #	17

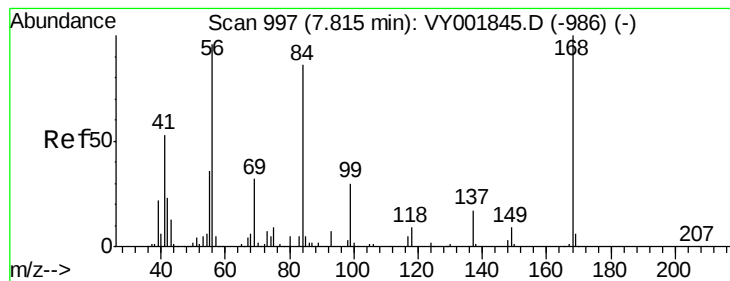
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
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Instrument :
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ClientSampleId :

Quant Time: Mar 26 06:36:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002070.D

Acq: 25 Mar 2020 16:30

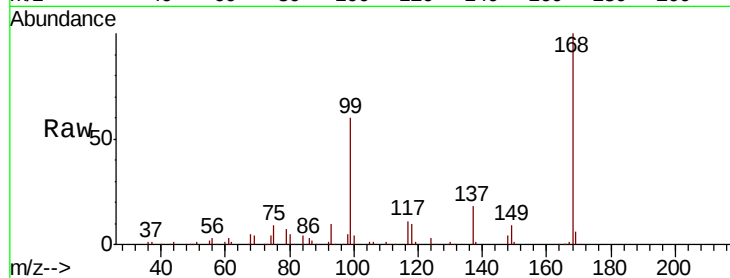
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 133335

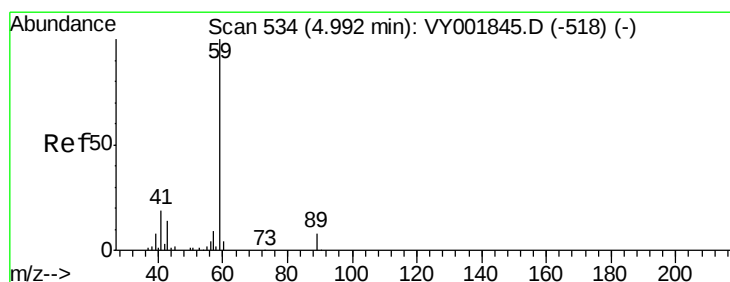
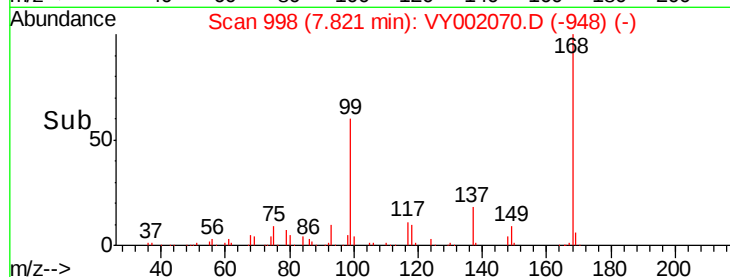
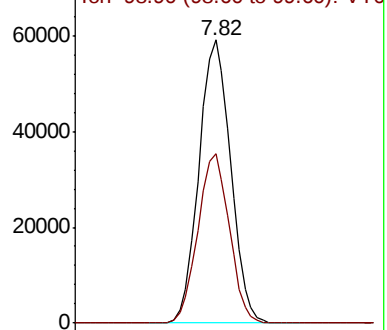
Ion Ratio Lower Upper

168 100

99 59.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 533

Delta R.T. -0.01 min

Lab File: VY002070.D

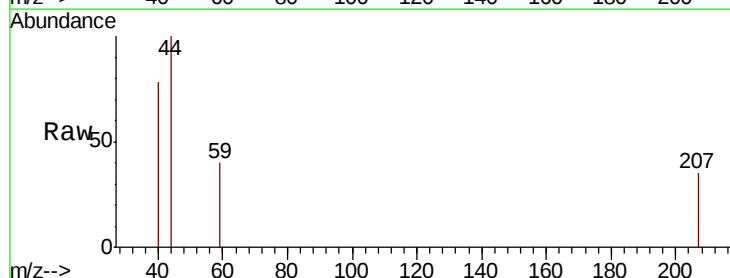
Acq: 25 Mar 2020 16:30

Tgt Ion: 59 Resp: 52

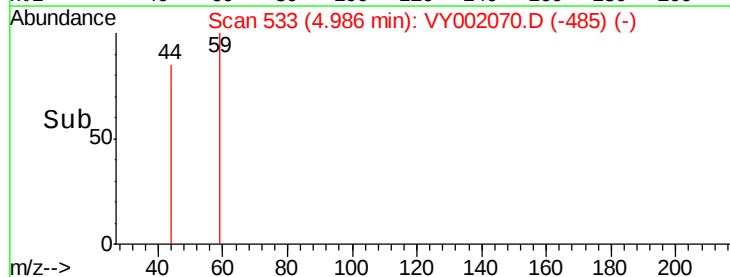
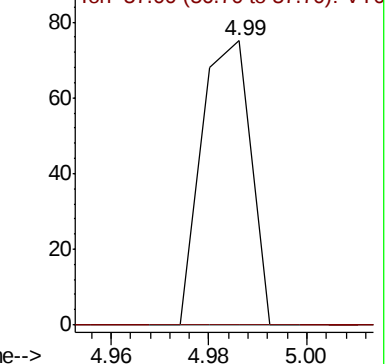
Ion Ratio Lower Upper

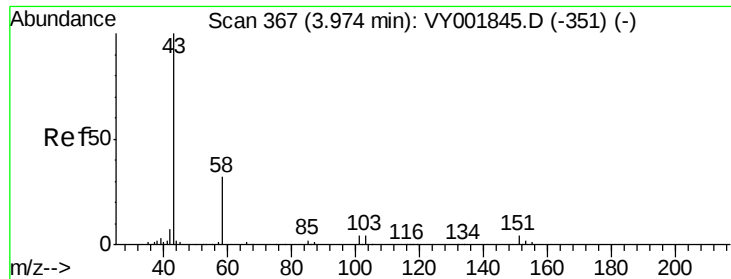
59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001845.D (-518) (-)





#16

Acetone

Concen: 2.545 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY002070.D

Acq: 25 Mar 2020 16:30

Instrument :

MSVOA_Y

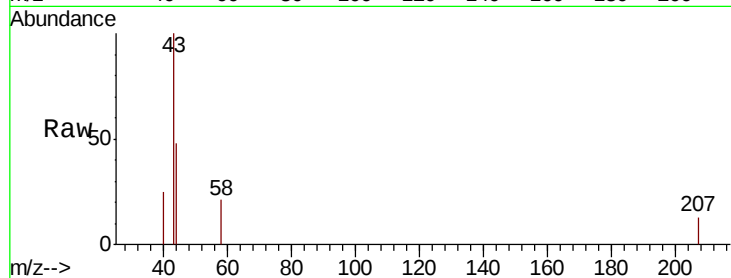
ClientSampleId :

Tot Ion: 43 Resp: 1055

Ion Ratio Lower Upper

43 100

58 20.9 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-351) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-351) (-)

3.99

400

300

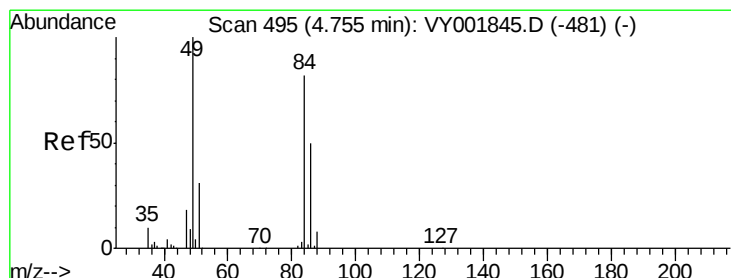
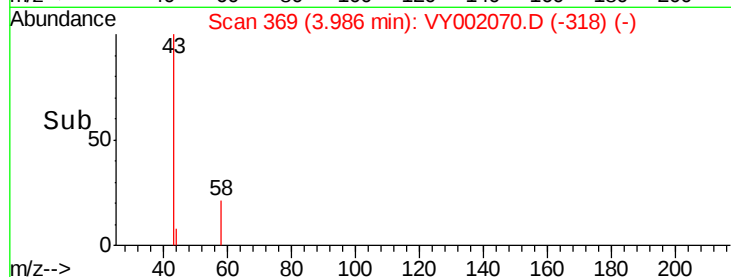
200

100

0

3.90 3.95 4.00 4.05

Time-->



#20

Methylene Chloride

Concen: 5.317 ug/l

RT: 4.76 min Scan# 496

Delta R.T. 0.01 min

Lab File: VY002070.D

Acq: 25 Mar 2020 16:30

Tgt Ion: 84 Resp: 9448

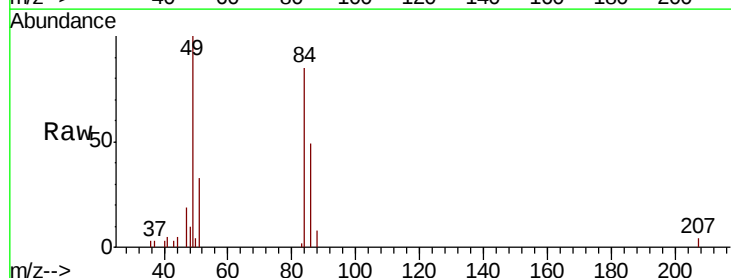
Ion Ratio Lower Upper

84 100

49 118.2 98.2 147.2

51 39.4 30.2 45.2

86 58.4 48.9 73.3



Abundance Ion 83.90 (83.60 to 84.60): VY001845.D (-481) (-)

Ion 48.90 (48.60 to 49.60): VY001845.D (-481) (-)

Ion 50.90 (50.60 to 51.60): VY001845.D (-481) (-)

Ion 85.90 (85.60 to 86.60): VY001845.D (-481) (-)

4.76

6000

5000

4000

3000

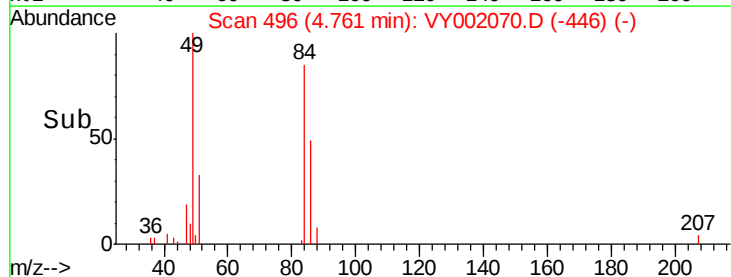
2000

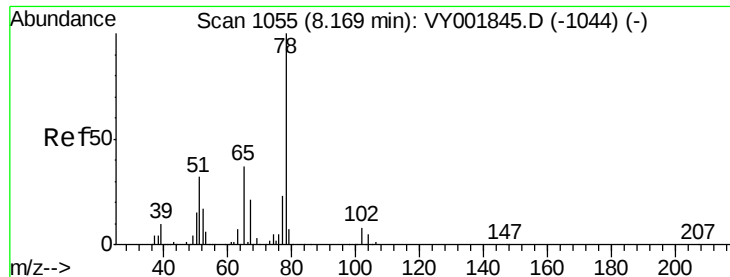
1000

0

4.70 4.80

Time-->

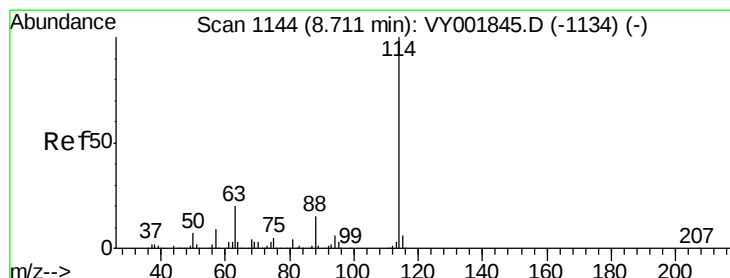
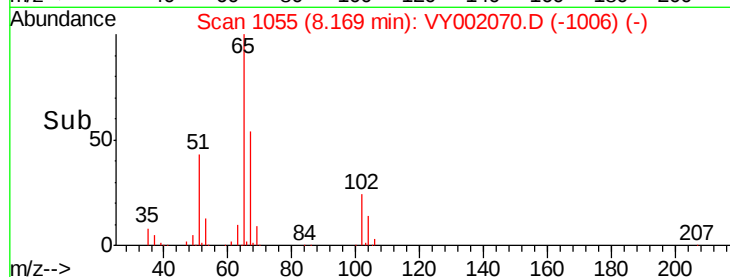
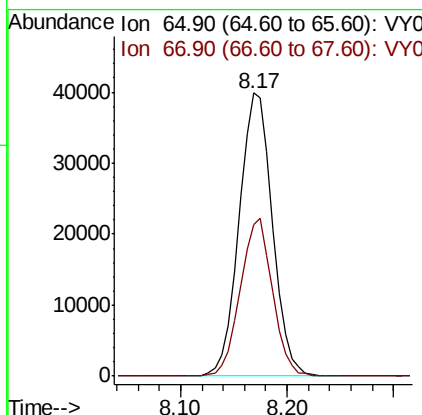
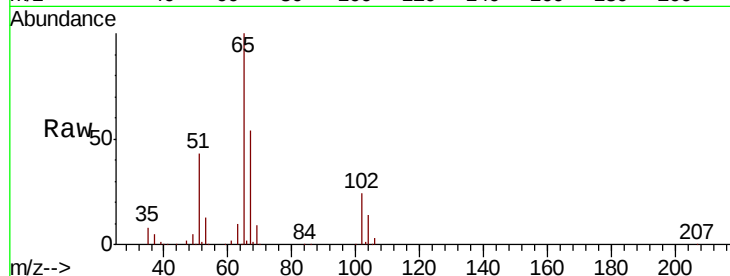




#33
 1,2-Dichloroethane-d4
 Concen: 61.479 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VY002070.D
 Acq: 25 Mar 2020 16:30

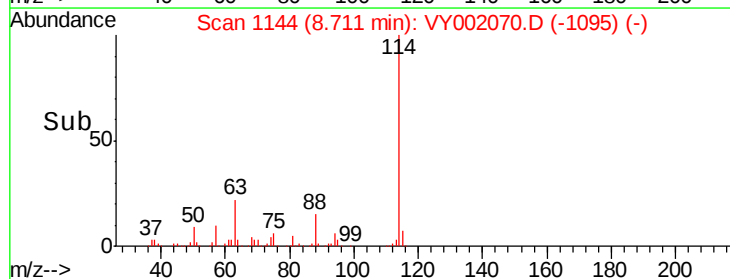
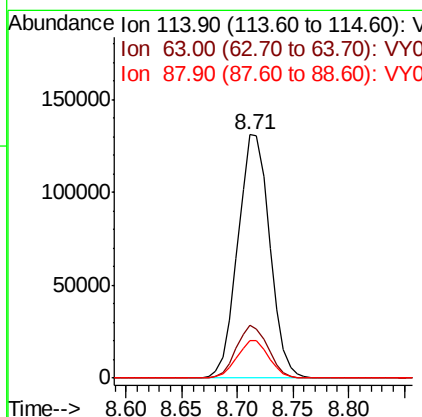
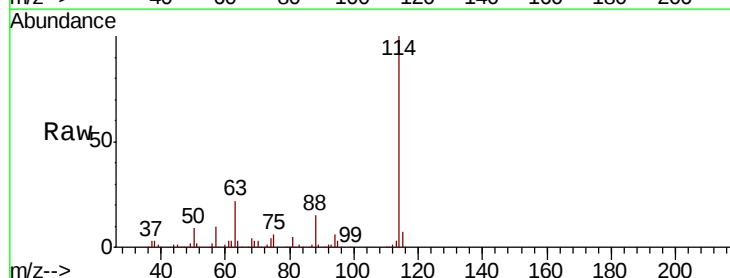
Instrument :
 MSVOA_Y
 ClientSampleId :

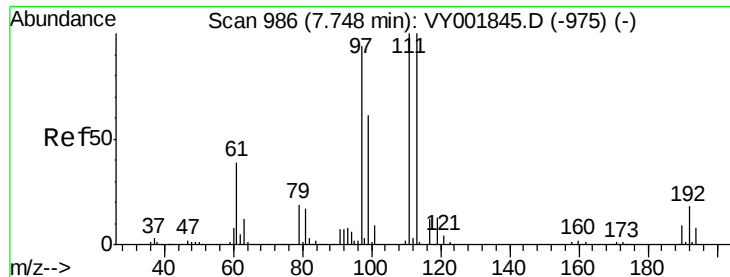
Tot Ion: 65 Resp: 87512
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY002070.D
 Acq: 25 Mar 2020 16:30

Tgt Ion: 114 Resp: 261483
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 39.4
 88 15.4 0.0 30.4

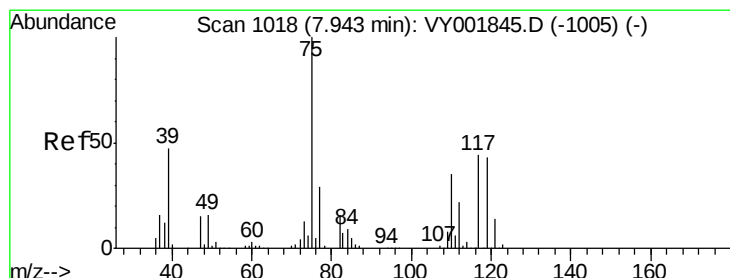
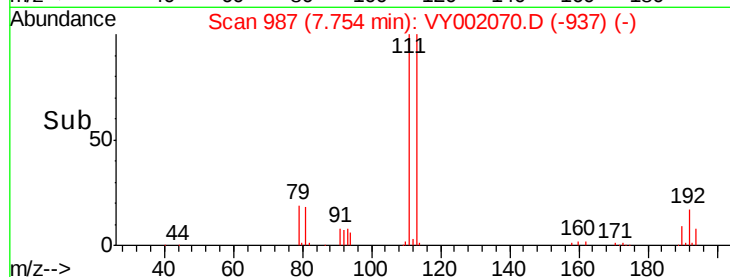
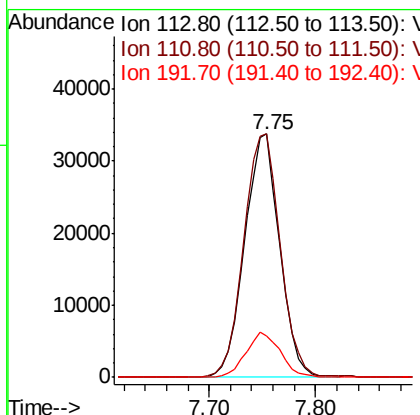
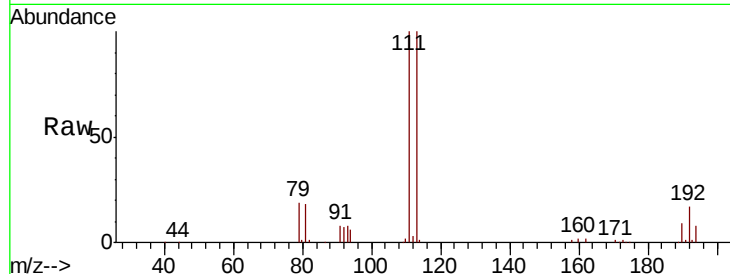




#35
 Dibromofluoromethane
 Concen: 54.693 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY002070.D
 Acq: 25 Mar 2020 16:30

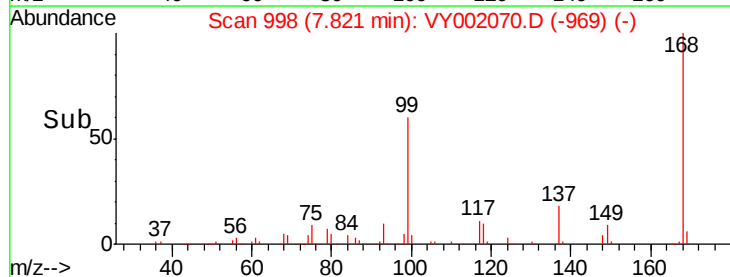
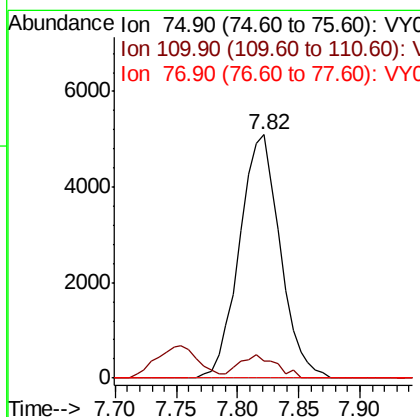
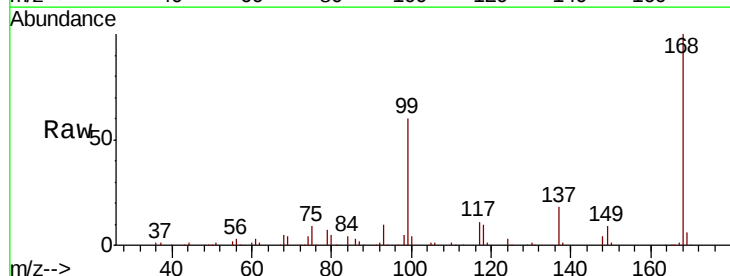
Instrument :
 MSVOA_Y
 ClientSampleId :

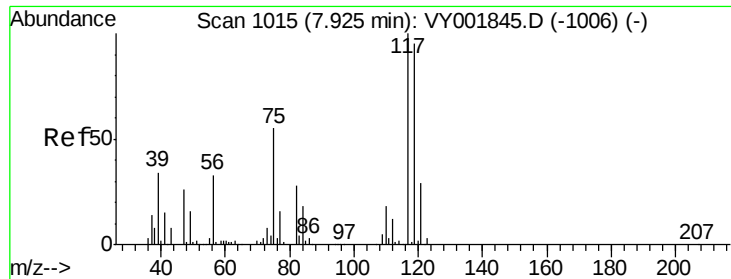
Tot Ion:113 Resp: 78091
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.8 122.8
 192 18.1 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 4.680 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.12 min
 Lab File: VY002070.D
 Acq: 25 Mar 2020 16:30

Tgt Ion: 75 Resp: 11777
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.4 52.2#
 77 0.0 24.2 36.2#





#38

Carbon Tetrachloride

Concen: 6.421 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.10 min

Lab File: VY002070.D

Acq: 25 Mar 2020 16:30

Instrument :

MSVOA_Y

ClientSampled :

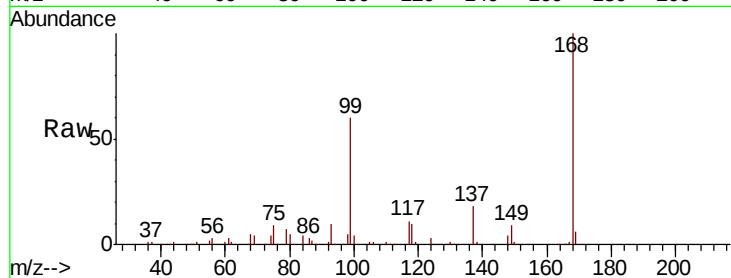
Tot Ion:117 Resp: 13803

Ion Ratio Lower Upper

117 100

119 6.3 76.3 114.5#

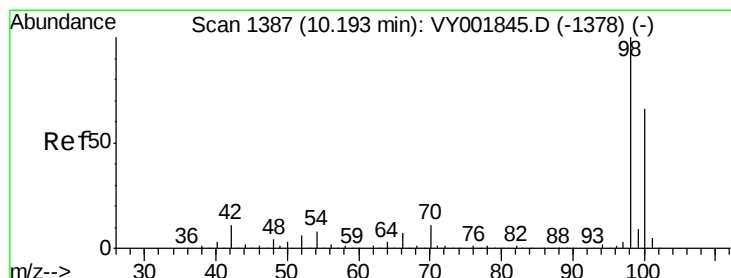
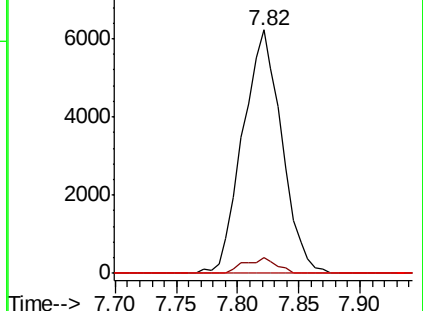
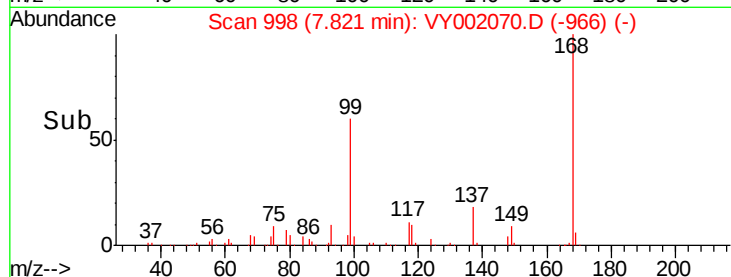
121 0.0 23.5 35.3#



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: 53.472 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002070.D

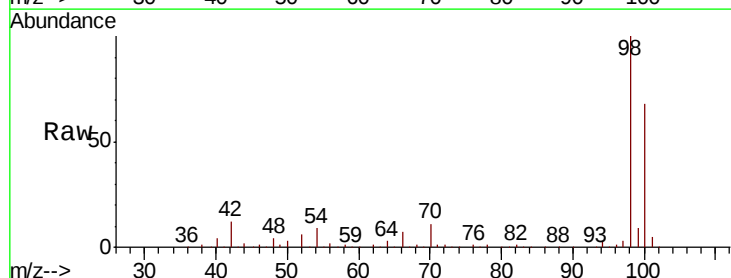
Acq: 25 Mar 2020 16:30

Tgt Ion: 98 Resp: 321948

Ion Ratio Lower Upper

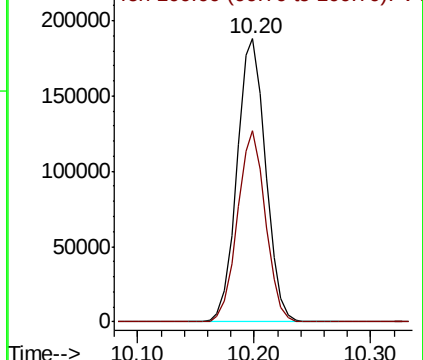
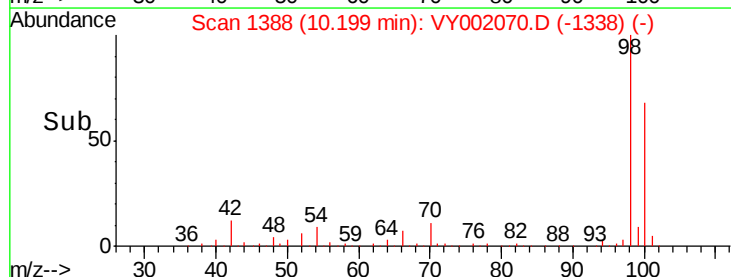
98 100

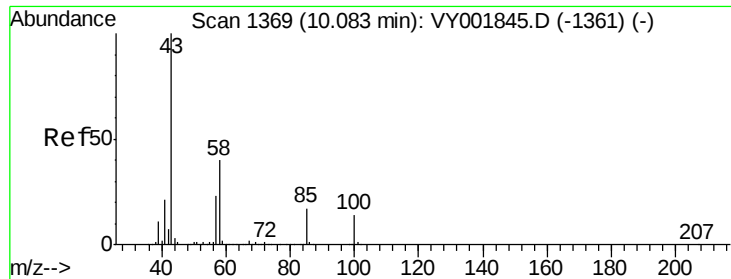
100 65.9 53.0 79.4



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: 1.078 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.12 min

Lab File: VY002070.D

Acq: 25 Mar 2020 16:30

Instrument :

MSVOA_Y

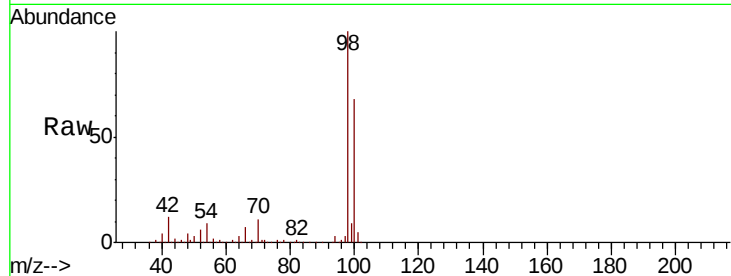
ClientSampleId :

Tot Ion: 43 Resp: 1538

Ion Ratio Lower Upper

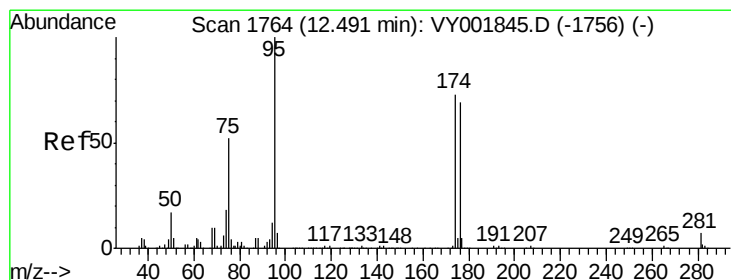
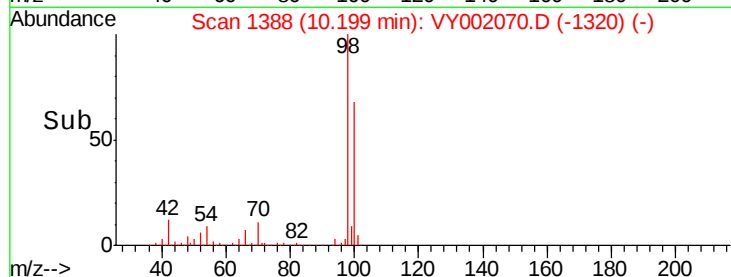
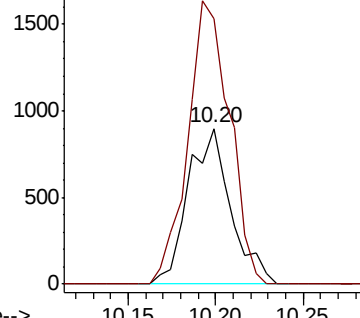
43 100

58 176.9 32.0 48.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 54.094 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002070.D

Acq: 25 Mar 2020 16:30

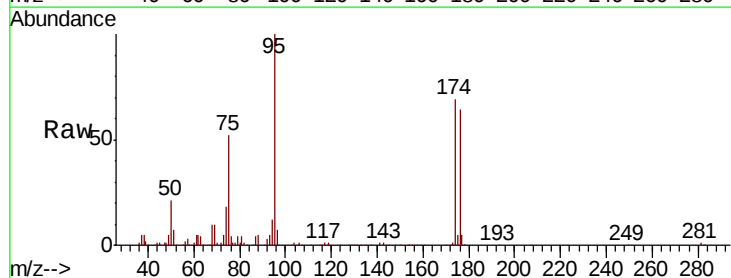
Tgt Ion: 95 Resp: 113248

Ion Ratio Lower Upper

95 100

174 72.8 0.0 145.0

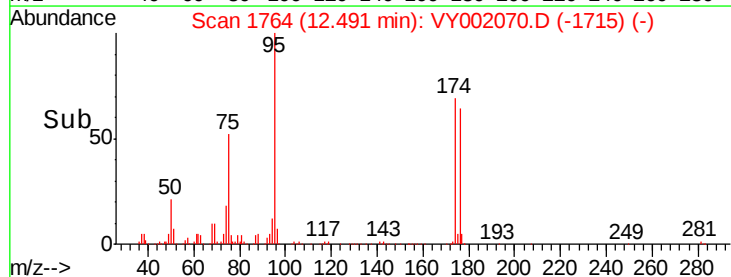
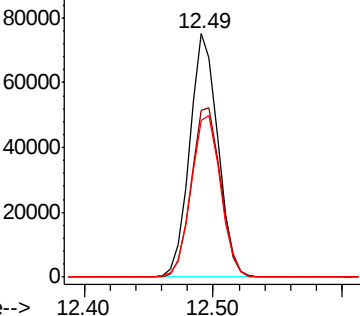
176 69.2 0.0 137.4

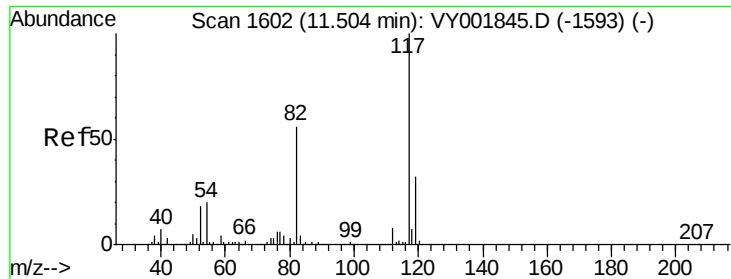


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

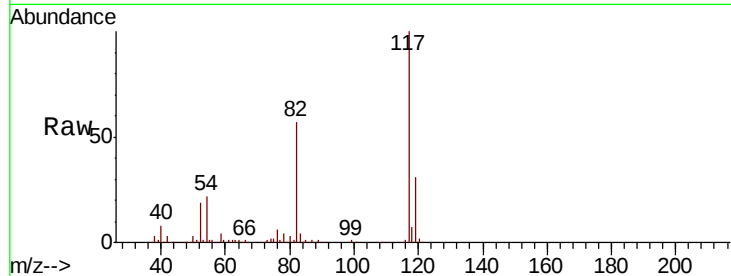




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY002070.D
Acq: 25 Mar 2020 16:30

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	44.5	66.7
119	31.4	25.7	38.5

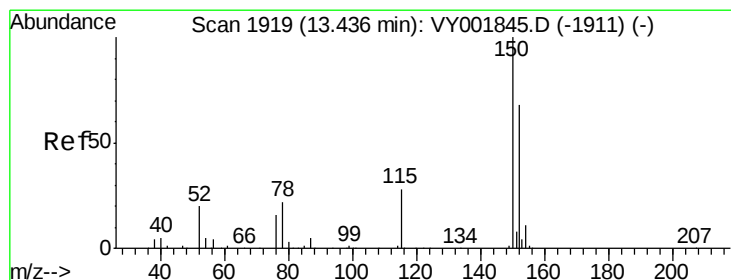
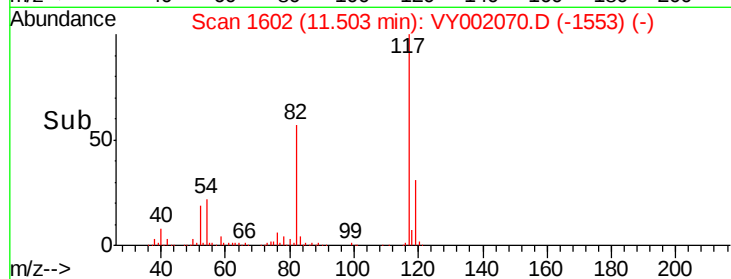
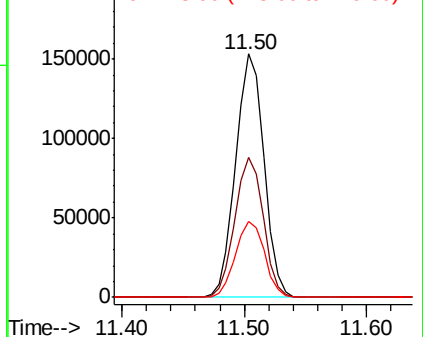


Abundance

Ion 116.90 (116.60 to 117.60): V

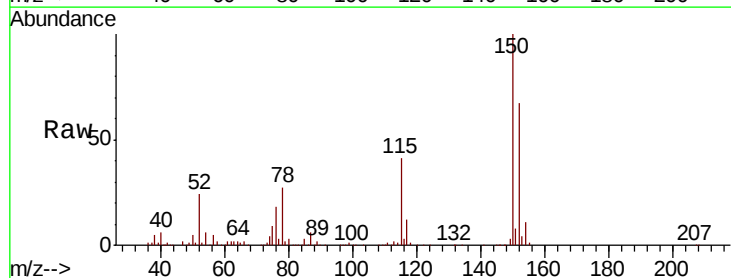
Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002070.D
Acq: 25 Mar 2020 16:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	29.9	89.7
150	155.9	0.0	340.6

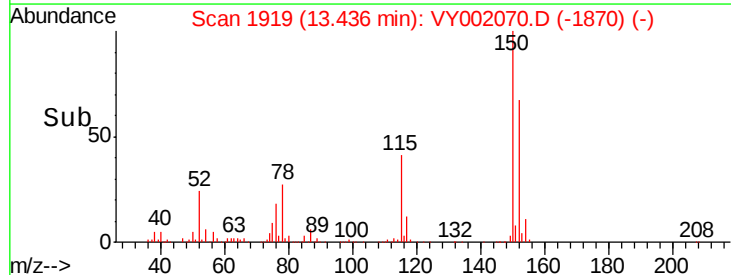
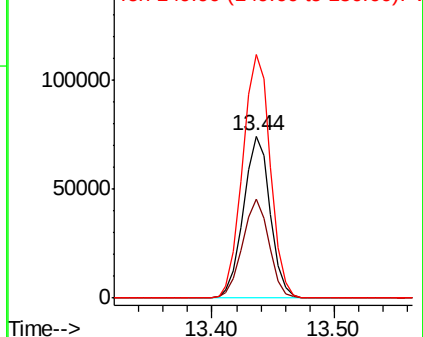


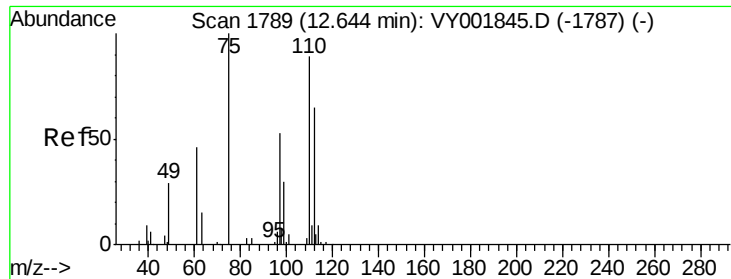
Abundance

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: 43.797 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002070.D

Acq: 25 Mar 2020 16:30

Instrument :

MSVOA_Y

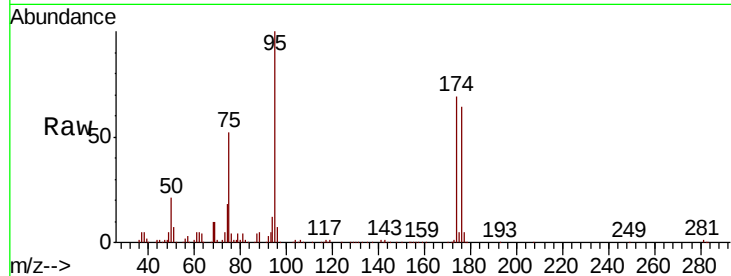
ClientSampleId :

Tot Ion: 75 Resp: 58511

Ion Ratio Lower Upper

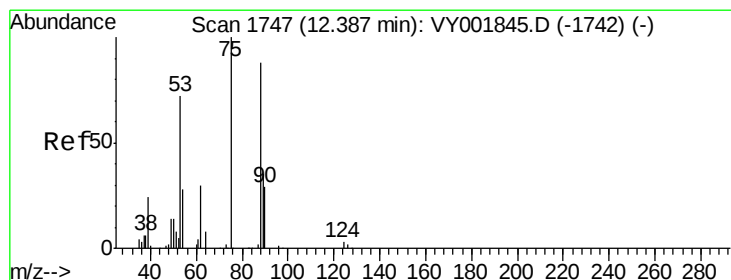
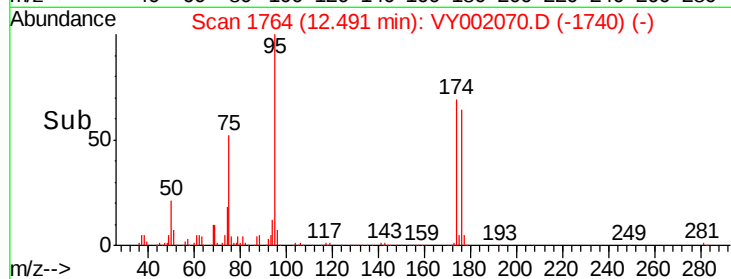
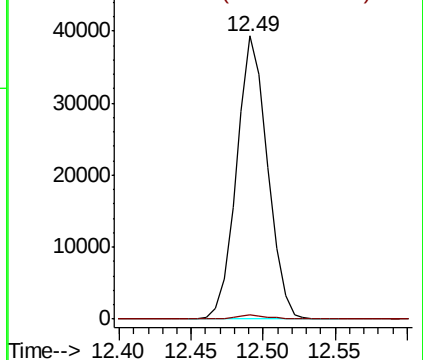
75 100

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: 88.468 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002070.D

Acq: 25 Mar 2020 16:30

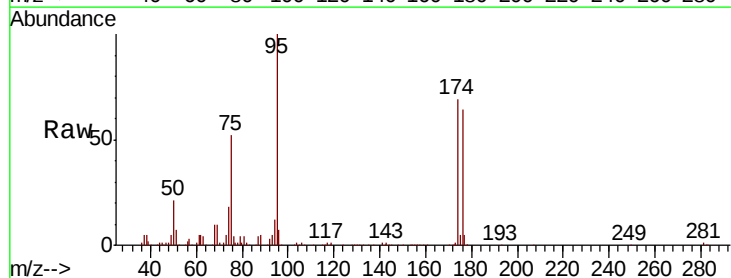
Tgt Ion: 75 Resp: 58511

Ion Ratio Lower Upper

75 100

53 0.0 65.4 98.0#

89 0.0 36.0 54.0#



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

