

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030620\
 Data File : VY001900.D
 Acq On : 06 Mar 2020 15:58
 Operator : SY/MD
 Sample : L1836-01
 Misc : 5.75G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 06 22:08:28 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	136689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	260002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	214651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	65161	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	85471	58.57	ug/l	0.00
Spiked Amount			Recovery	=	117.14%	
35) Dibromofluoromethane	7.75	113	77174	54.36	ug/l	0.00
Spiked Amount			Recovery	=	108.72%	
50) Toluene-d8	10.19	98	308944	51.60	ug/l	0.00
Spiked Amount			Recovery	=	103.20%	
62) 4-Bromofluorobenzene	12.50	95	84318	40.51	ug/l	0.00
Spiked Amount			Recovery	=	81.02%	

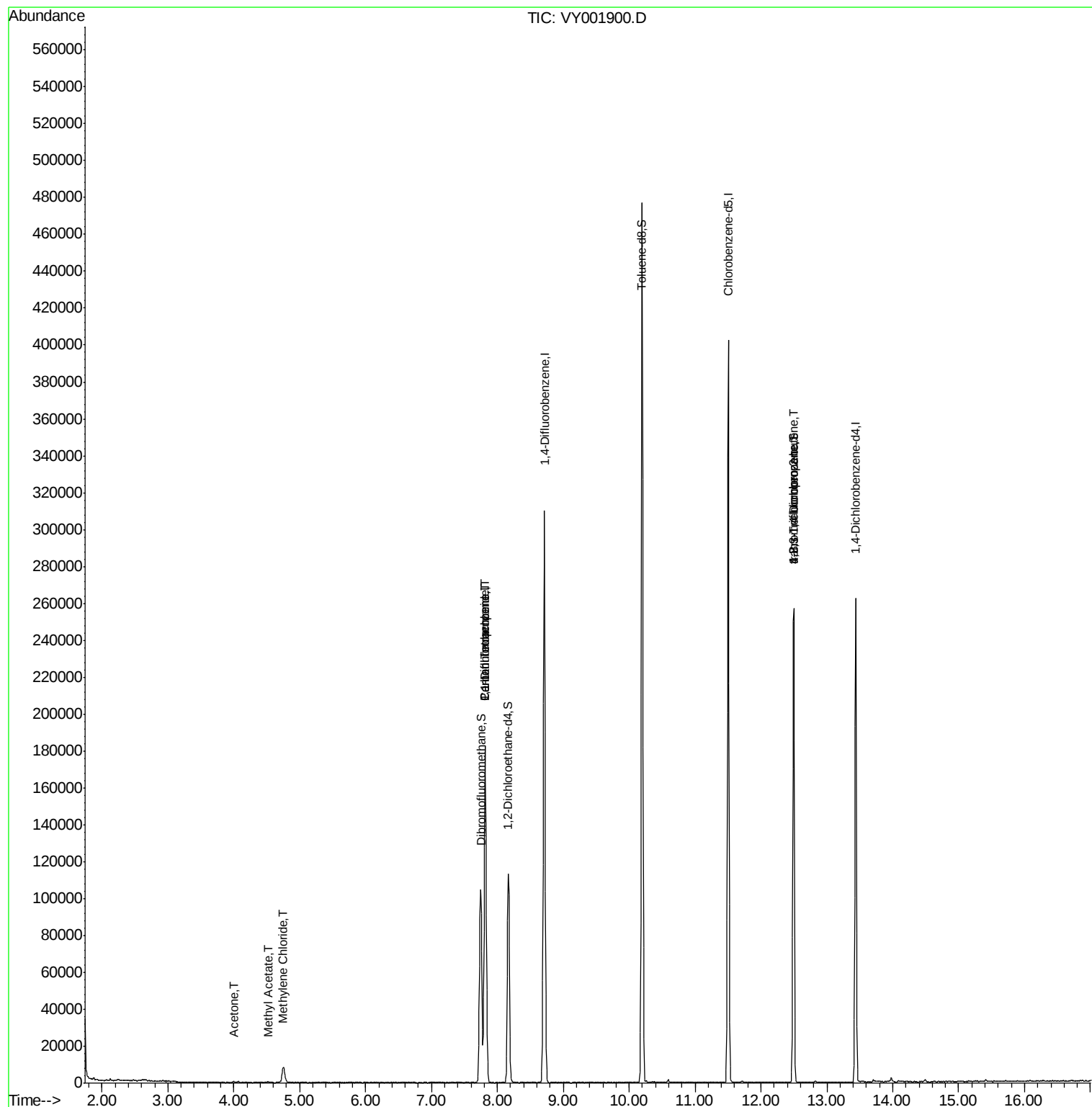
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.67	94	94	Below Cal	#	4
11) Tert butyl alcohol	4.96	59	20	Below Cal	#	74
16) Acetone	4.01	43	823	1.936	ug/l #	71
18) Methyl Acetate	4.52	43	1175	1.076	ug/l #	56
20) Methylene Chloride	4.75	84	6169	3.387	ug/l #	96
36) 1,1-Dichloropropene	7.81	75	11701	4.677	ug/l #	50
38) Carbon Tetrachloride	7.82	117	14072	6.584	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	43498	56.259	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	43498	113.640	ug/l #	17

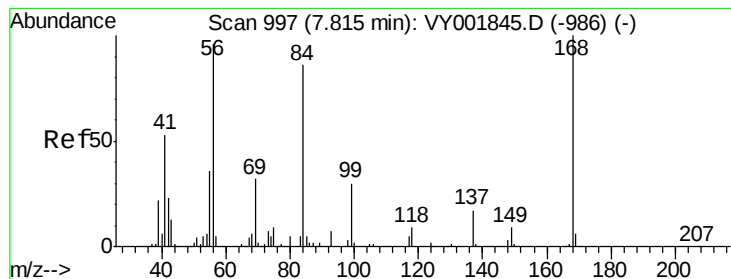
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY030620\
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Instrument :
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ClientSampleId :

Quant Time: Mar 06 22:08:28 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# 997

Delta R.T. 0.00 min

Lab File: VY001900.D

Acq: 06 Mar 2020 15:58

Instrument :

MSVOA_Y

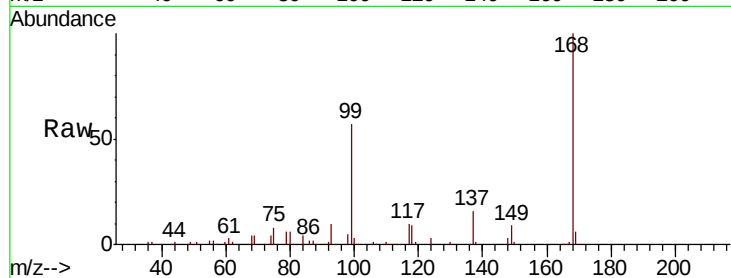
ClientSampleId :

Tot Ion:168 Resp: 136689

Ion Ratio Lower Upper

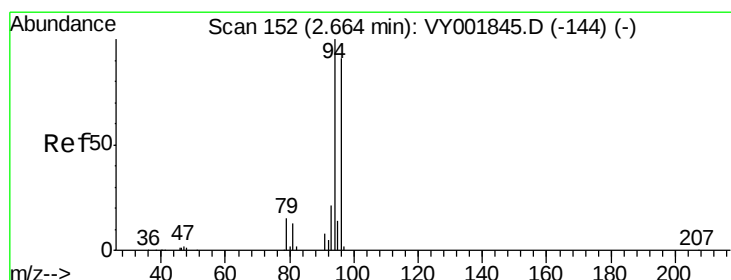
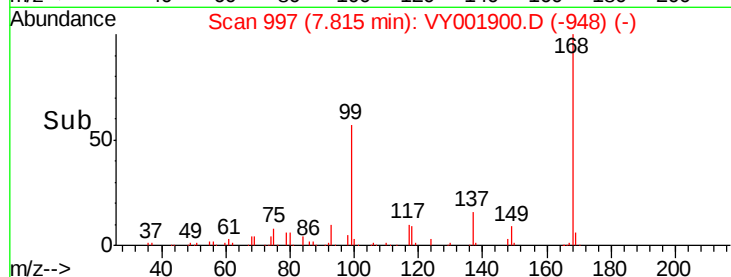
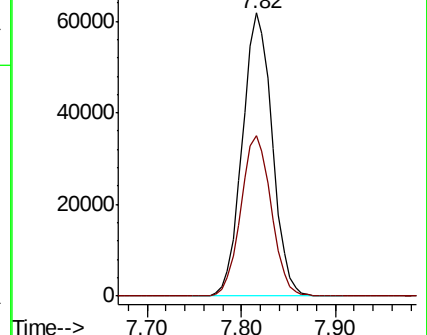
168 100

99 56.6 46.7 70.1



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

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#5

Bromomethane

Concen: Below Cal

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY001900.D

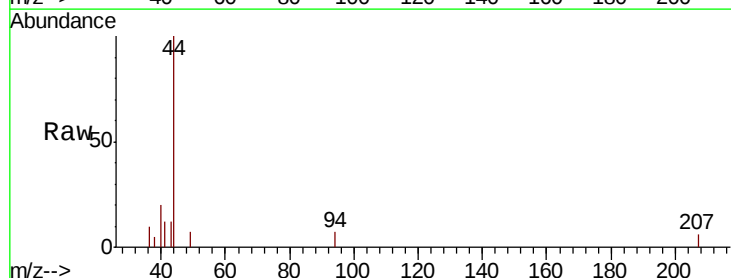
Acq: 06 Mar 2020 15:58

Tgt Ion: 94 Resp: 94

Ion Ratio Lower Upper

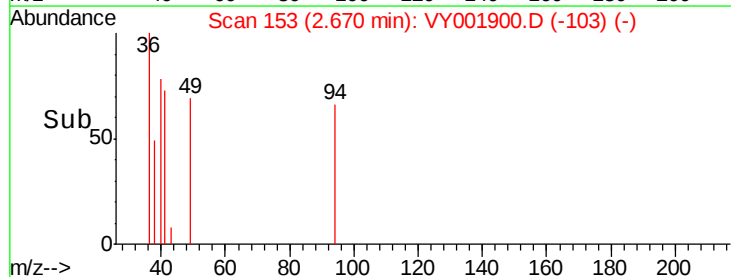
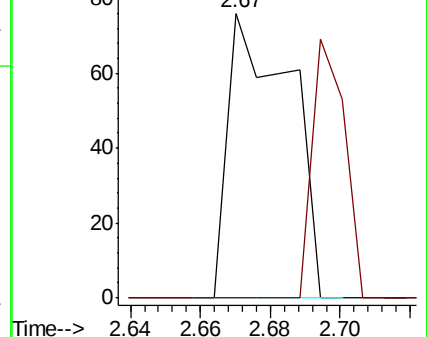
94 100

96 0.0 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VY001845.D (-144) (-)

Ion 95.90 (95.60 to 96.60): VY001845.D (-144) (-)



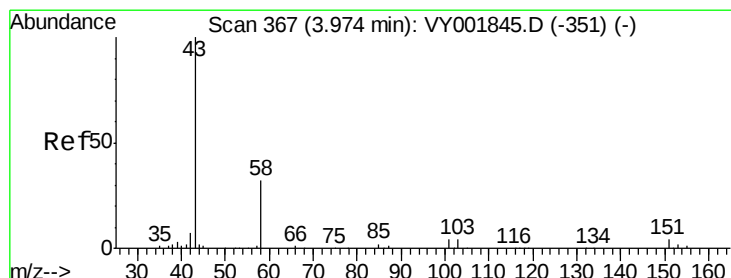
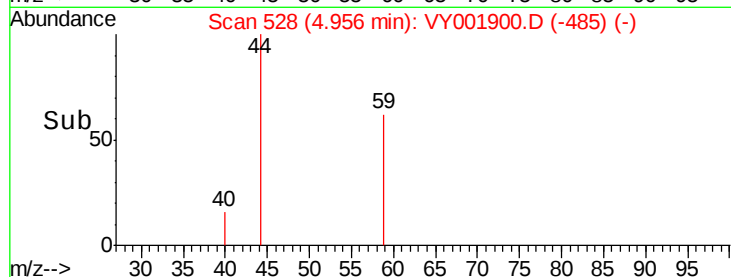
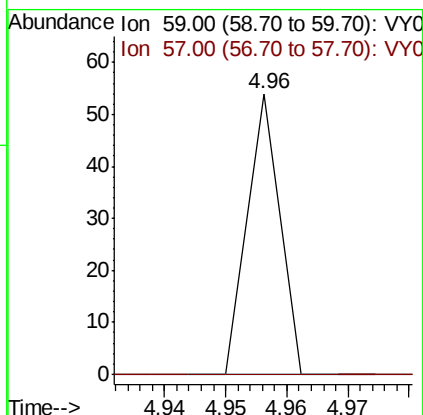
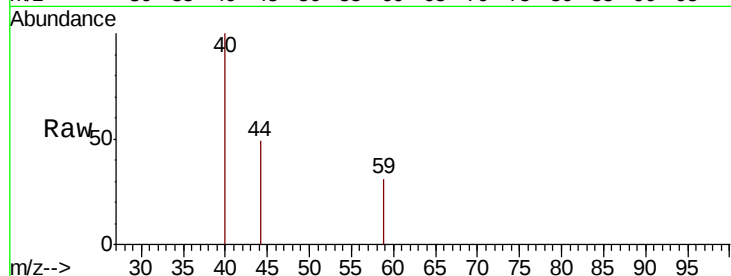


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.96 min Scan# 528
 Delta R.T. -0.04 min
 Lab File: VY001900.D
 Acq: 06 Mar 2020 15:58

Instrument :
 MSVOA_Y
 ClientSampled :

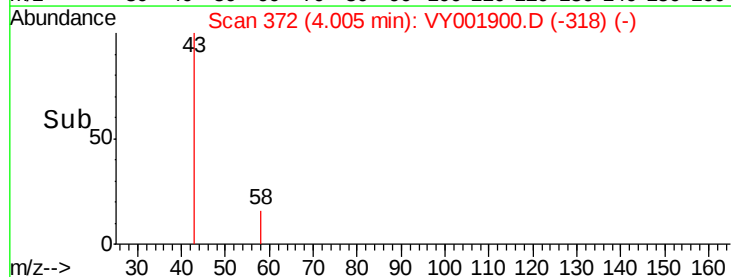
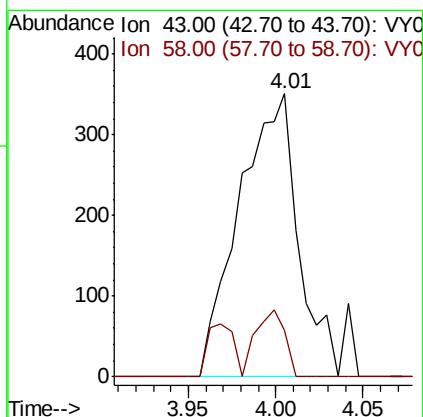
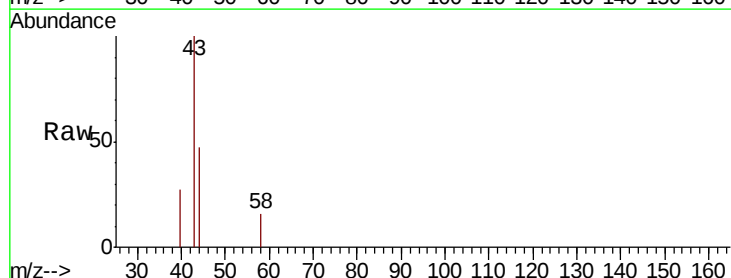
Tot Ion: 59 Resp: 20
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

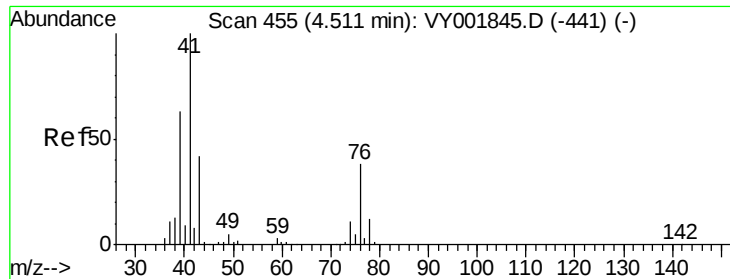


#16

Acetone
 Concen: 1.936 ug/l
 RT: 4.01 min Scan# 372
 Delta R.T. 0.03 min
 Lab File: VY001900.D
 Acq: 06 Mar 2020 15:58

Tgt Ion: 43 Resp: 823
 Ion Ratio Lower Upper
 43 100
 58 16.2 25.9 38.9#

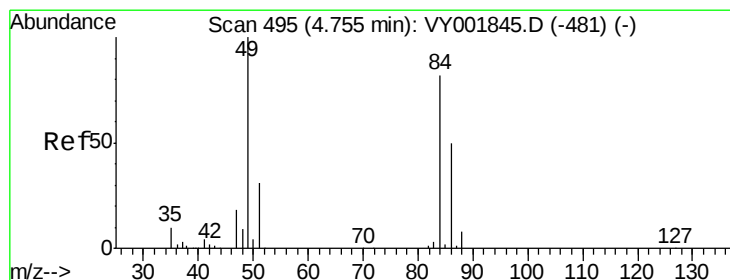
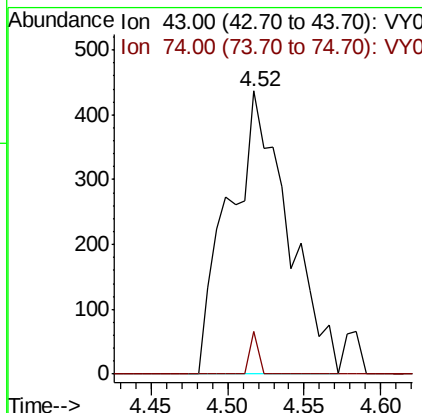
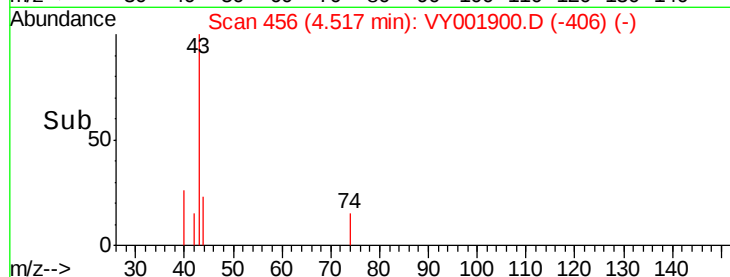
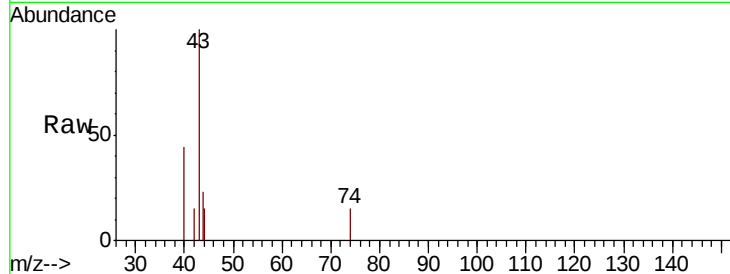




#18
Methyl Acetate
Concen: 1.076 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY001900.D
Acq: 06 Mar 2020 15:58

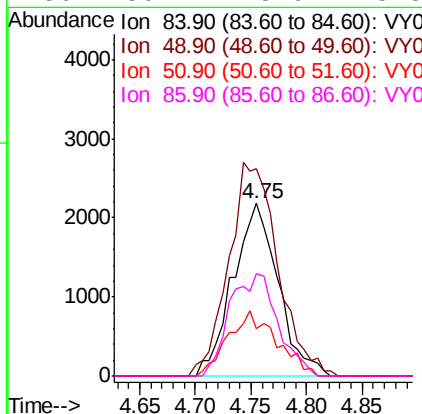
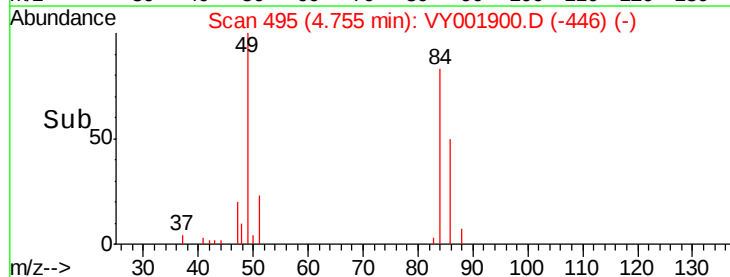
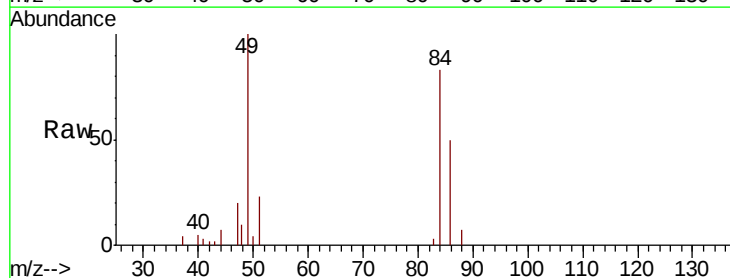
Instrument :
MSVOA_Y
ClientSampled :

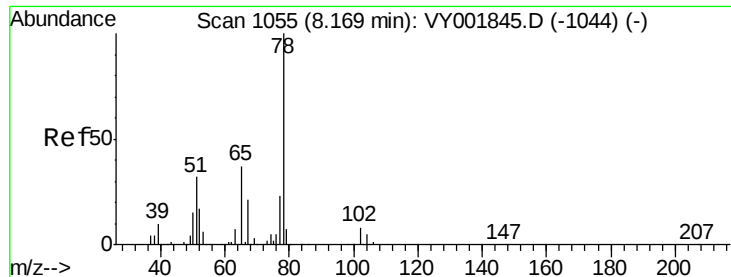
Tot Ion: 43 Resp: 1175
Ion Ratio Lower Upper
43 100
74 2.1 19.0 28.6#



#20
Methylene Chloride
Concen: 3.387 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.00 min
Lab File: VY001900.D
Acq: 06 Mar 2020 15:58

Tgt Ion: 84 Resp: 6169
Ion Ratio Lower Upper
84 100
49 120.4 98.2 147.2
51 27.7 30.2 45.2#
86 59.7 48.9 73.3

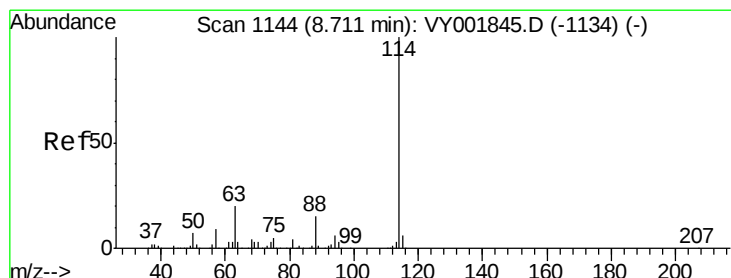
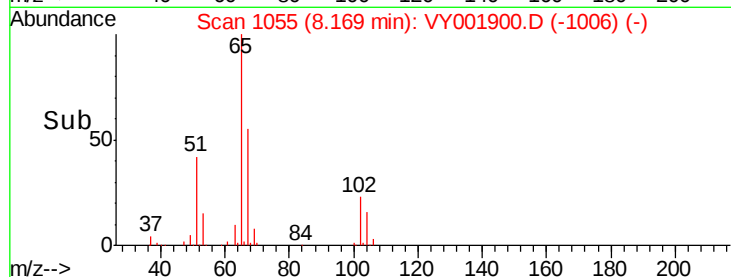
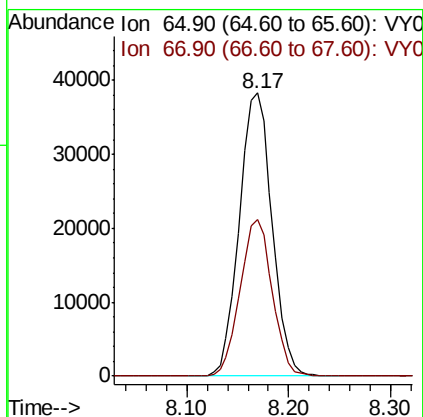
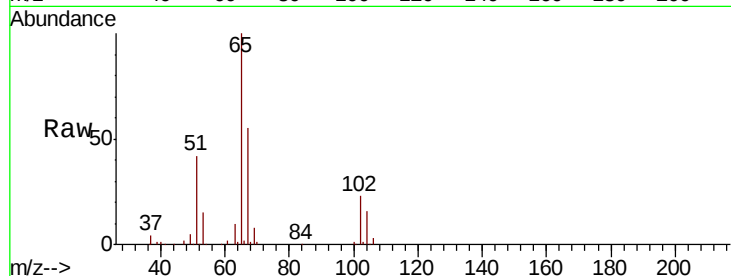




#33
 1,2-Dichloroethane-d4
 Concen: 58.572 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY001900.D
 Acq: 06 Mar 2020 15:58

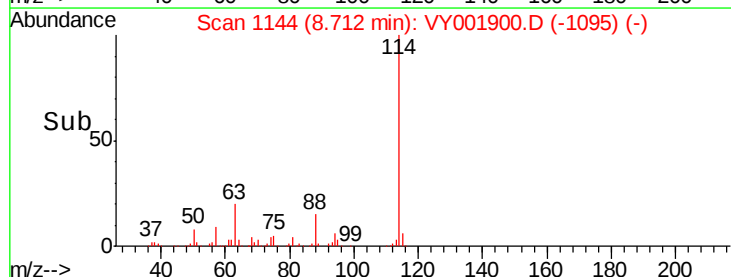
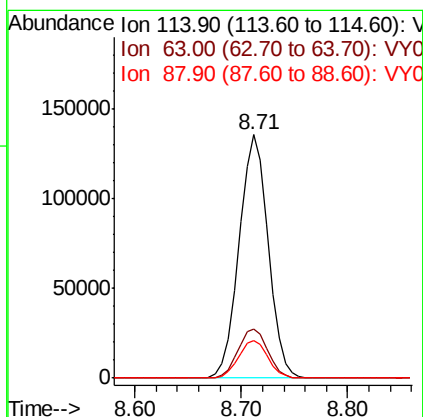
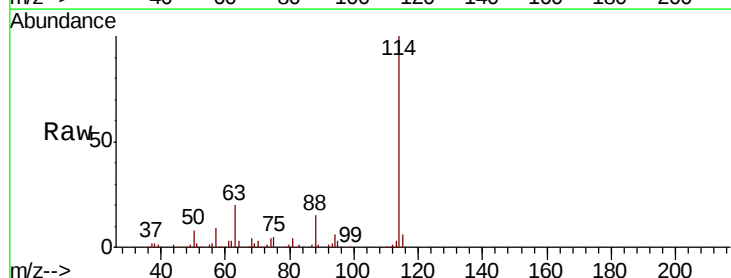
Instrument :
 MSVOA_Y
 ClientSampleId :

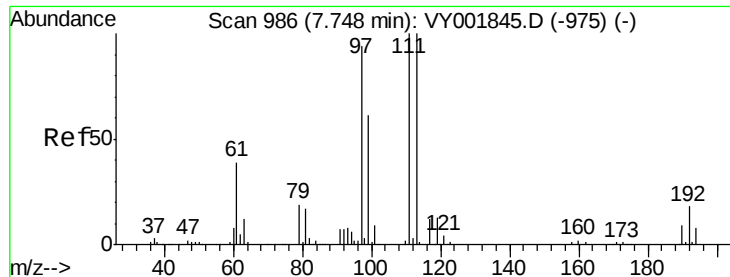
Tot Ion: 65 Resp: 85471
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001900.D
 Acq: 06 Mar 2020 15:58

Tgt Ion: 114 Resp: 260002
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.4
 88 15.5 0.0 30.4

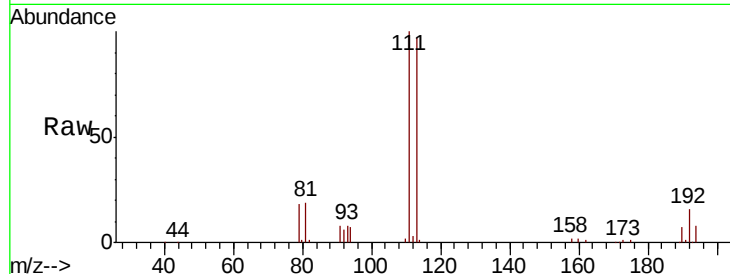




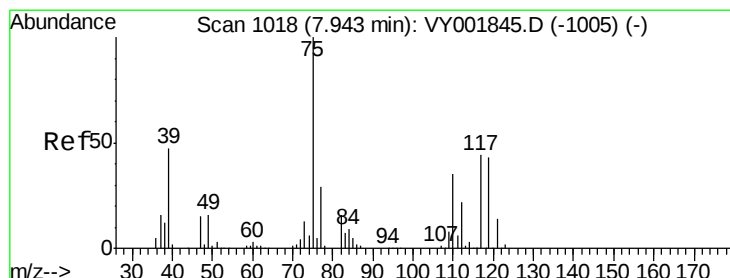
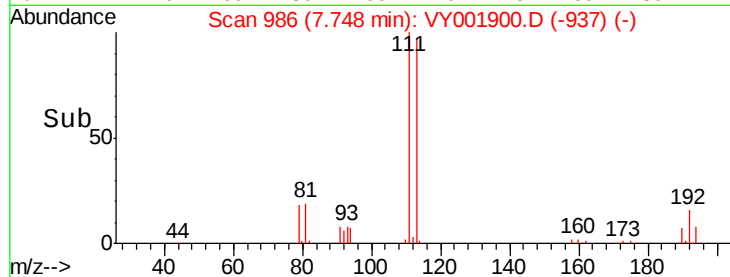
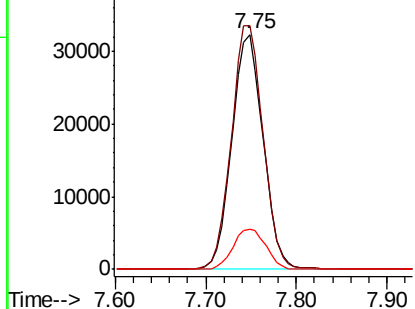
#35
 Dibromofluoromethane
 Concen: 54.358 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001900.D
 Acq: 06 Mar 2020 15:58

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 77174
 Ion Ratio Lower Upper
 113 100
 111 105.3 81.8 122.8
 192 17.9 14.2 21.2

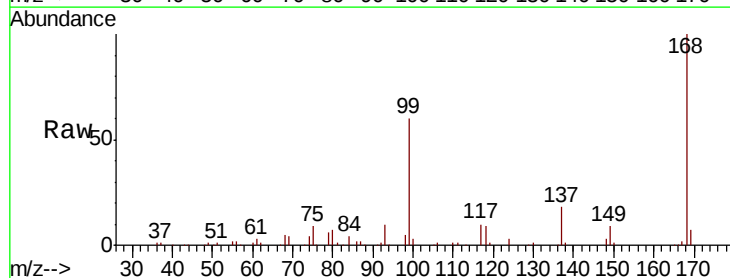


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

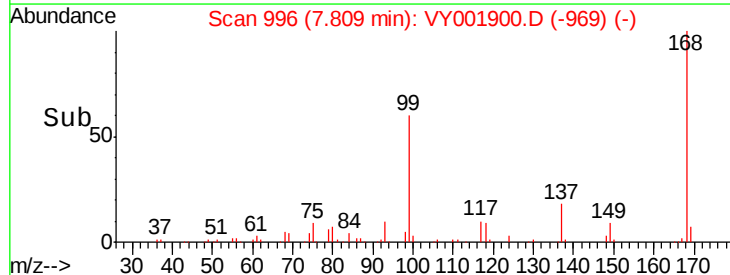
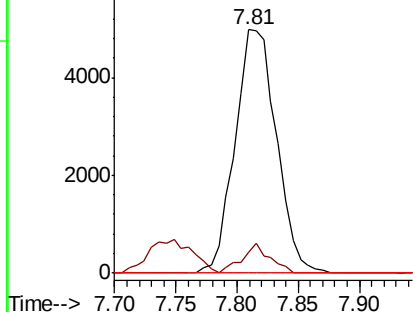


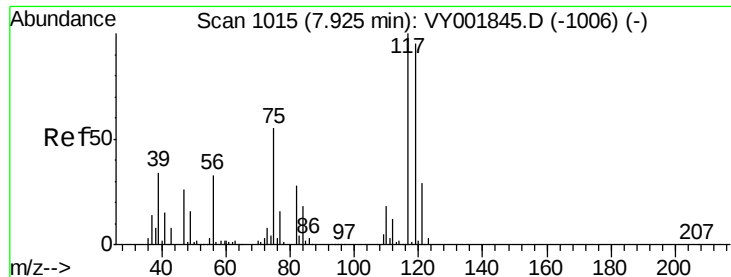
#36
 1,1-Dichloropropene
 Concen: 4.677 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY001900.D
 Acq: 06 Mar 2020 15:58

Tgt Ion: 75 Resp: 11701
 Ion Ratio Lower Upper
 75 100
 110 8.2 17.4 52.2#
 77 0.0 24.2 36.2#



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

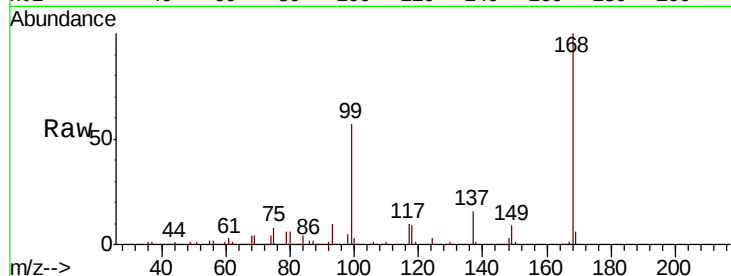




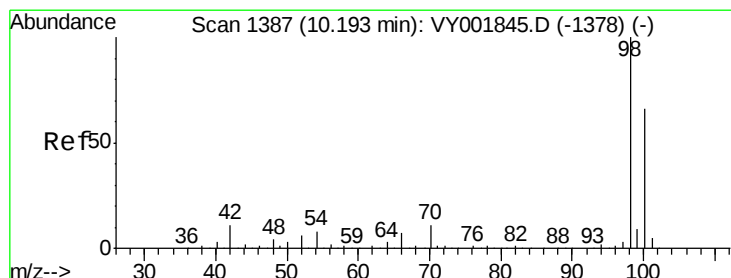
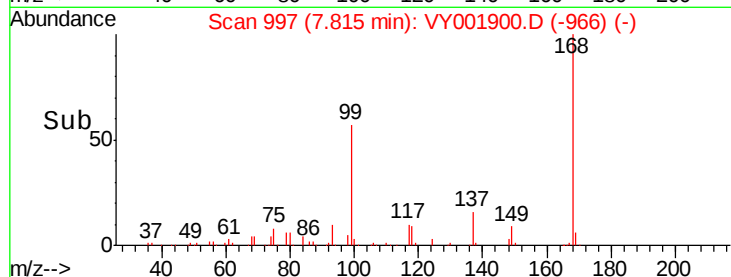
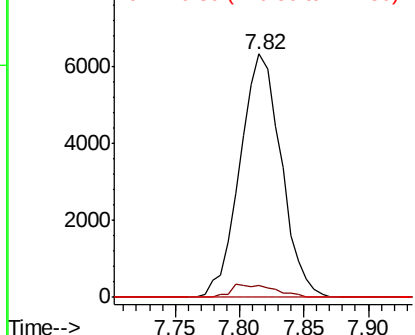
#38
Carbon Tetrachloride
Concen: 6.584 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.11 min
Lab File: VY001900.D
Acq: 06 Mar 2020 15:58

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 14072
Ion Ratio Lower Upper
117 100
119 4.9 76.3 114.5#
121 0.0 23.5 35.3#

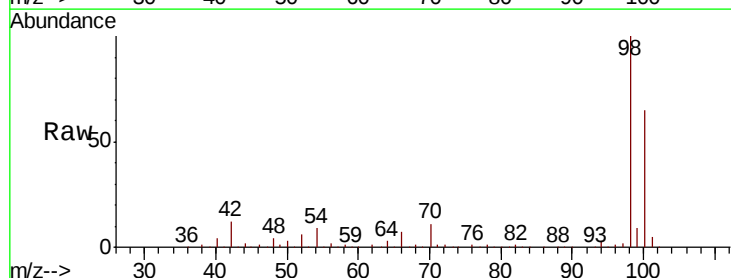


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

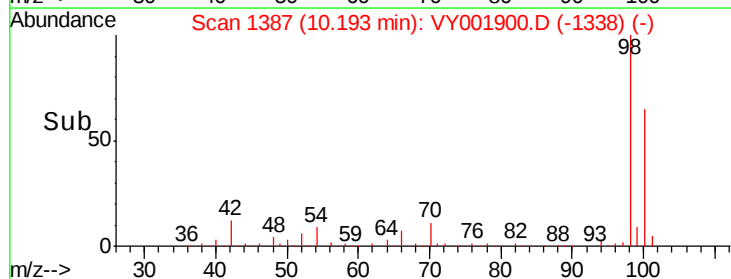
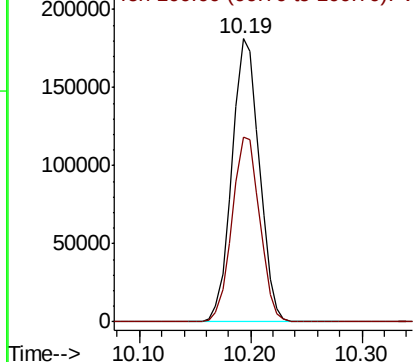


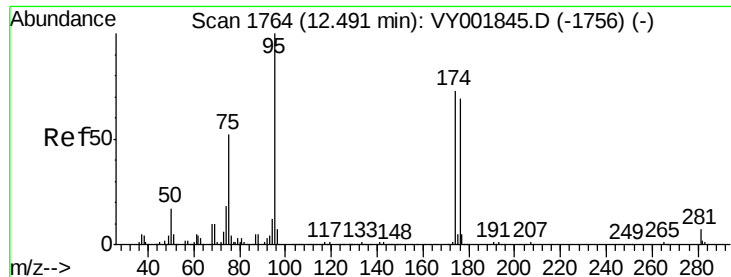
#50
Toluene-d8
Concen: 51.605 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001900.D
Acq: 06 Mar 2020 15:58

Tgt Ion: 98 Resp: 308944
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



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





#62

4-Bromofluorobenzene

Concen: 40.505 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001900.D

Acq: 06 Mar 2020 15:58

Instrument :

MSVOA_Y

ClientSampleId :

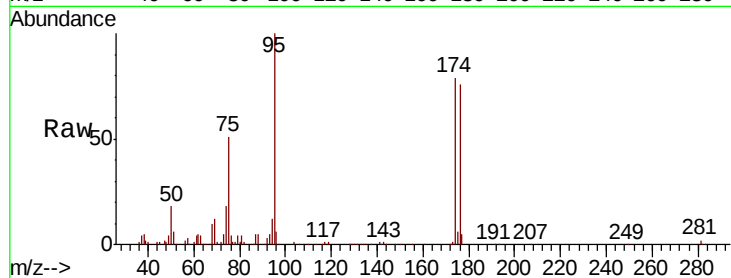
Tot Ion: 95 Resp: 84318

Ion Ratio Lower Upper

95 100

174 73.9 0.0 145.0

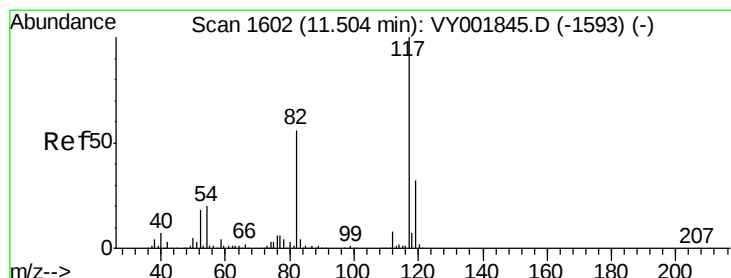
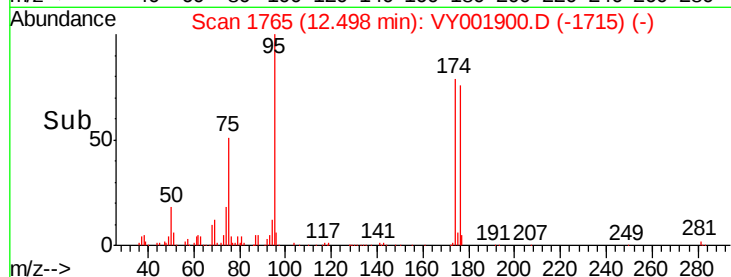
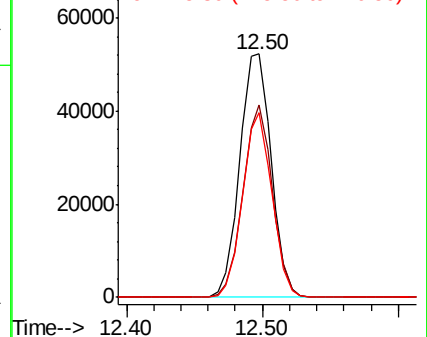
176 71.0 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY001900.D (-1715) (-)

Ion 173.80 (173.50 to 174.50): VY001900.D (-1715) (-)

Ion 175.80 (175.50 to 176.50): VY001900.D (-1715) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.00 min

Lab File: VY001900.D

Acq: 06 Mar 2020 15:58

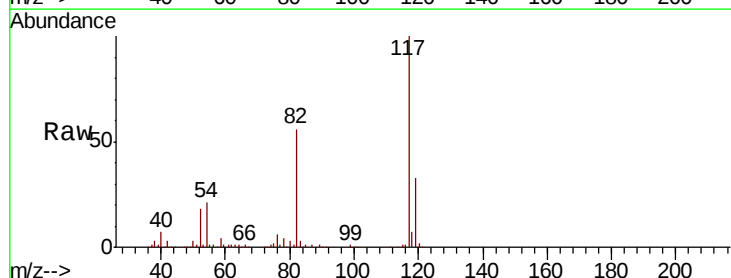
Tgt Ion: 117 Resp: 214651

Ion Ratio Lower Upper

117 100

82 56.0 44.5 66.7

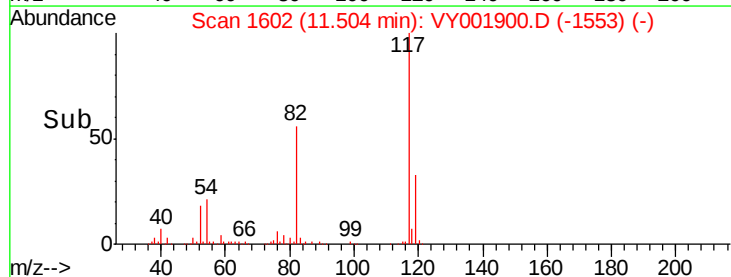
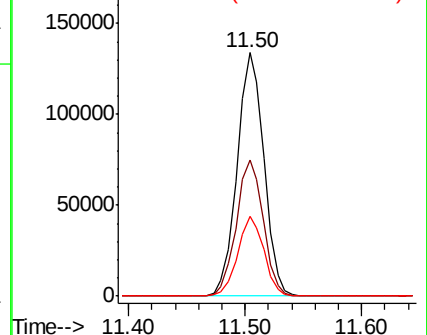
119 32.8 25.7 38.5

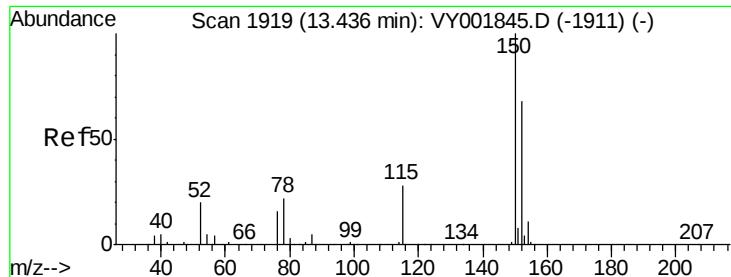


Abundance Ion 116.90 (116.60 to 117.60): VY001900.D (-1553) (-)

Ion 82.00 (81.70 to 82.70): VY001900.D (-1553) (-)

Ion 118.90 (118.60 to 119.60): VY001900.D (-1553) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.01 min

Lab File: VY001900.D

Acq: 06 Mar 2020 15:58

Instrument :

MSVOA_Y

ClientSampleId :

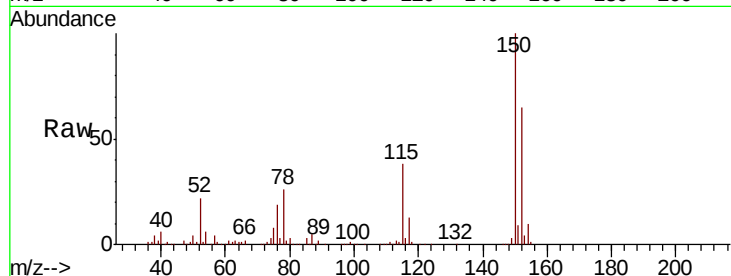
Tot Ion:152 Resp: 65161

Ion Ratio Lower Upper

152 100

115 62.3 29.9 89.7

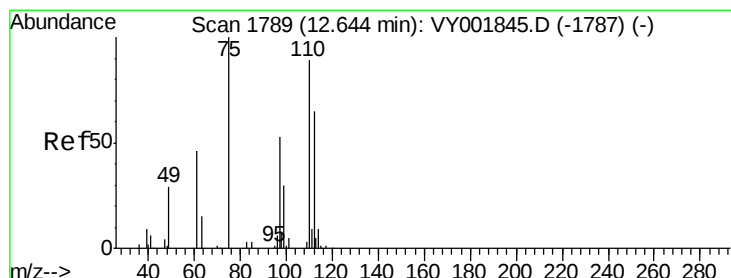
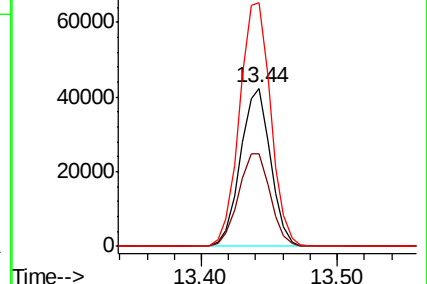
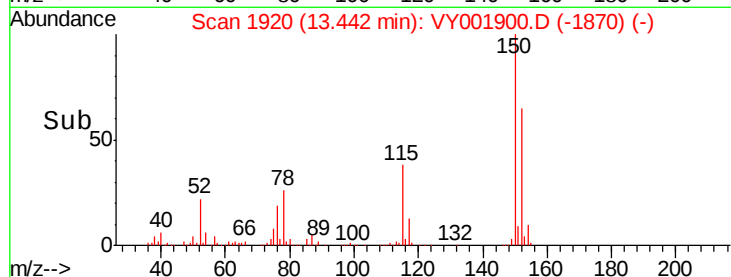
150 159.4 0.0 340.6



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: 56.259 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001900.D

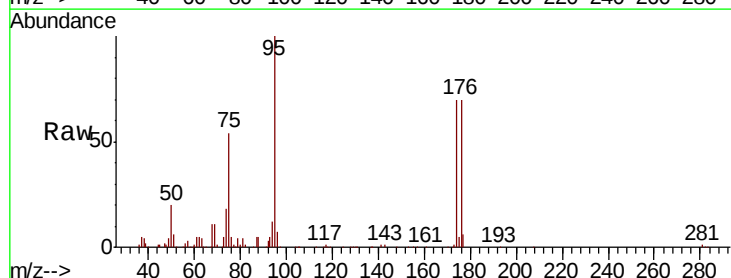
Acq: 06 Mar 2020 15:58

Tgt Ion: 75 Resp: 43498

Ion Ratio Lower Upper

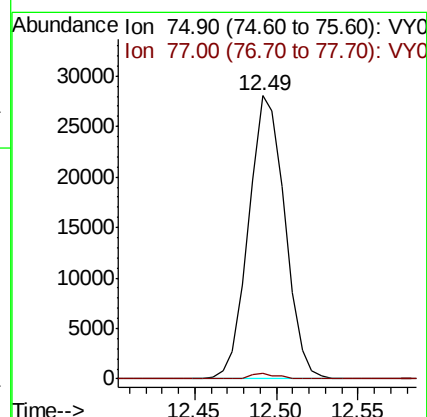
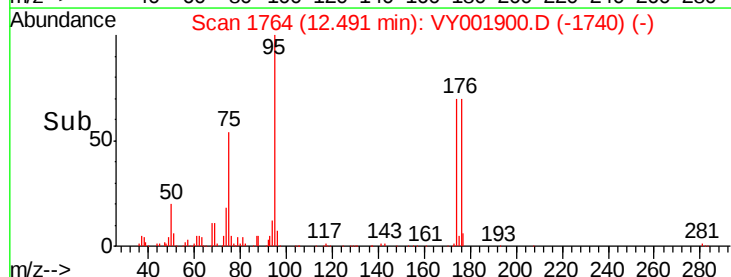
75 100

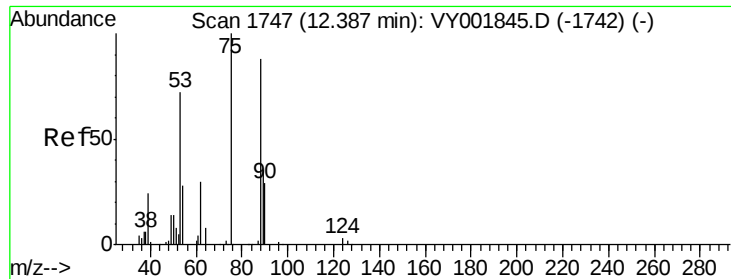
77 1.4 0.0 0.0#



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: 113.640 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001900.D

Acq: 06 Mar 2020 15:58

Instrument :

MSVOA_Y

ClientSampleId :

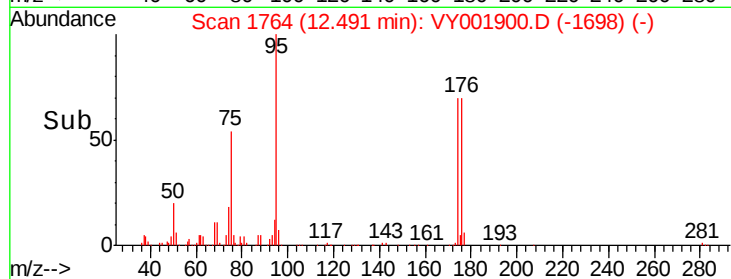
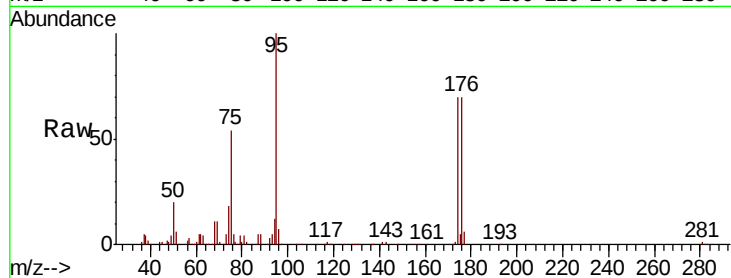
Tot Ion: 75 Resp: 43498

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

