

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031020\
 Data File : VY001930.D
 Acq On : 10 Mar 2020 18:18
 Operator : SY/MD
 Sample : L1755-01
 Misc : 7.49G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 11 04:01:12 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	7.80	168	136884	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	265640	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	234284	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	89907	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	85926	58.80	ug/l	-0.01
Spiked Amount						
			Recovery	=		117.60%
35) Dibromofluoromethane	7.73	113	77618	53.51	ug/l	-0.02
Spiked Amount						
			Recovery	=		107.02%
50) Toluene-d8	10.19	98	314591	51.43	ug/l	0.00
Spiked Amount						
			Recovery	=		102.86%
62) 4-Bromofluorobenzene	12.49	95	100775	47.38	ug/l	0.00
Spiked Amount						
			Recovery	=		94.76%

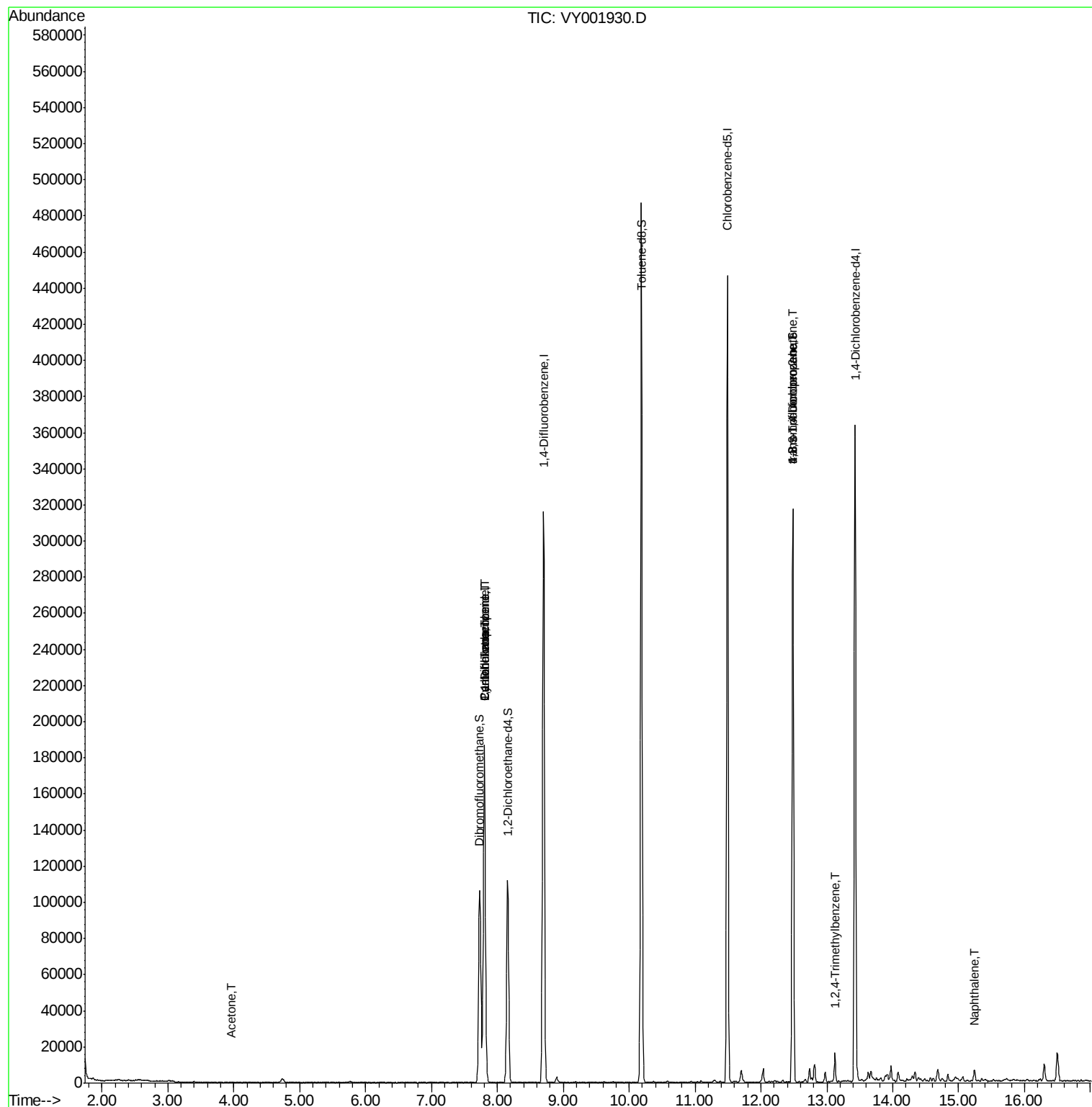
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.66	94	45	Below Cal	#	66
11) Tert butyl alcohol	4.97	59	52	Below Cal	#	74
16) Acetone	3.96	43	630	1.480	ug/l #	42
31) Cyclohexane	7.80	56	3476	1.082	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	11653	4.559	ug/l #	50
38) Carbon Tetrachloride	7.81	117	14071	6.444	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	51129	47.927	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	51129	96.810	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.13	105	8602	1.534	ug/l	100
95) Naphthalene	15.23	128	5362	1.347	ug/l	98

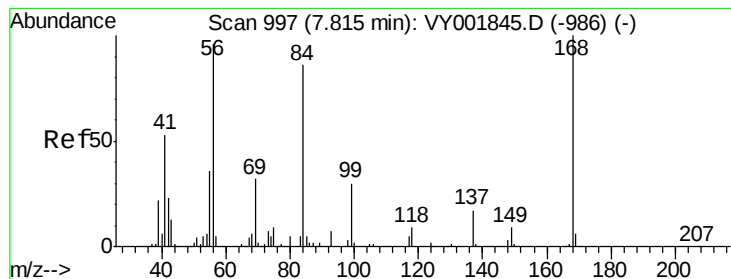
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Mar 11 04:01:12 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: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001930.D

Acq: 10 Mar 2020 18:18

Instrument :

MSVOA_Y

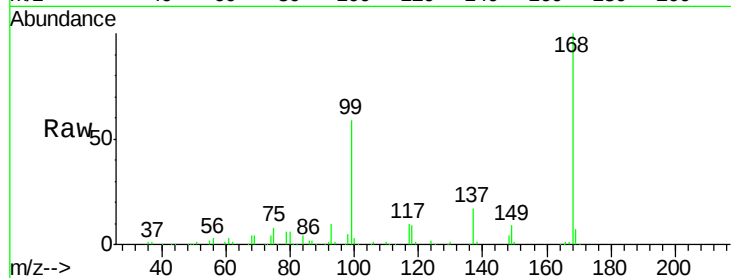
ClientSampleId :

Tot Ion:168 Resp: 136884

Ion Ratio Lower Upper

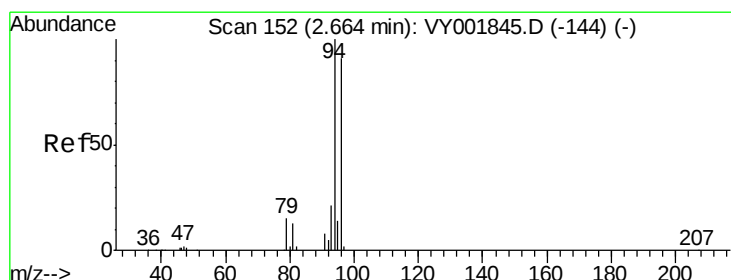
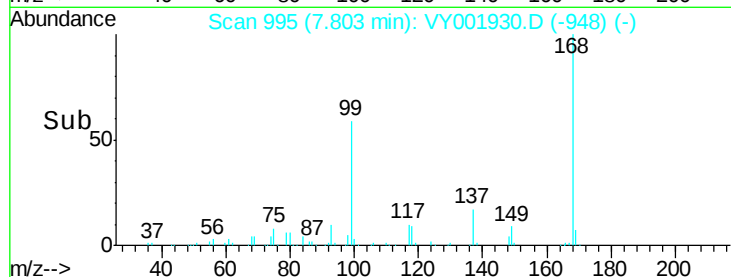
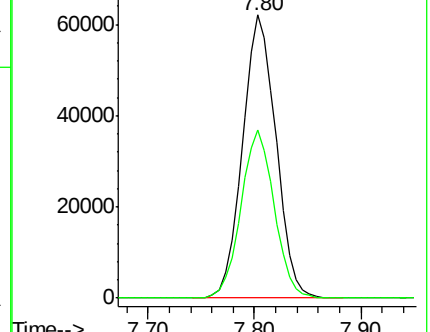
168 100

99 59.2 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: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001930.D

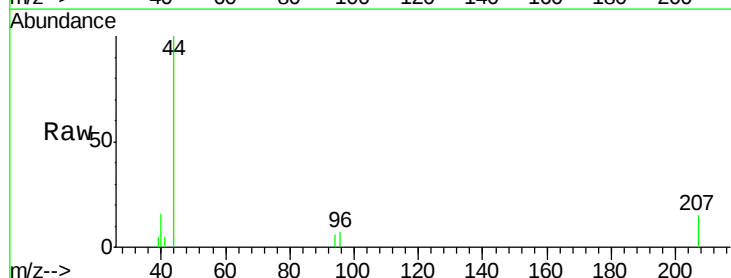
Acq: 10 Mar 2020 18:18

Tgt Ion: 94 Resp: 45

Ion Ratio Lower Upper

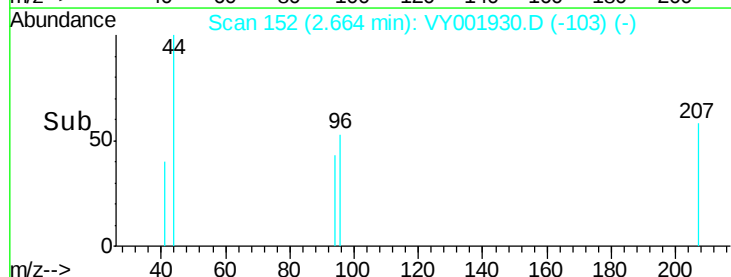
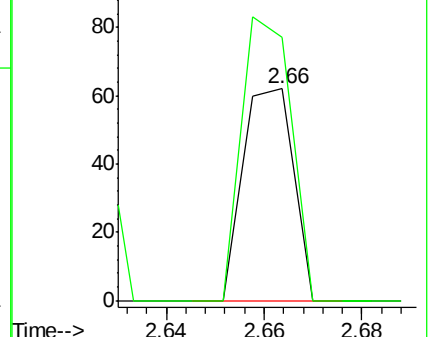
94 100

96 124.2 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) (-)



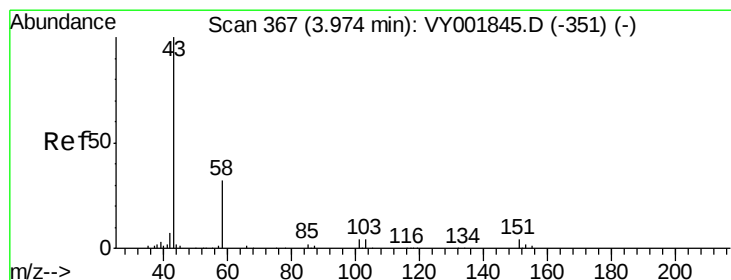
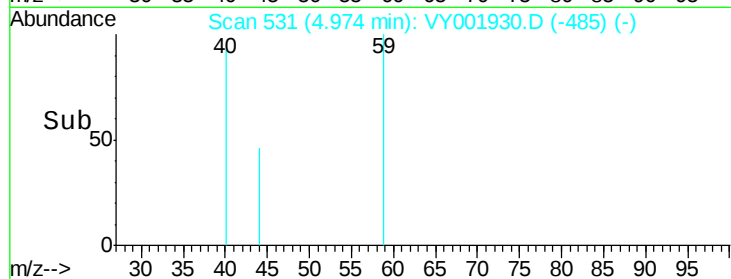
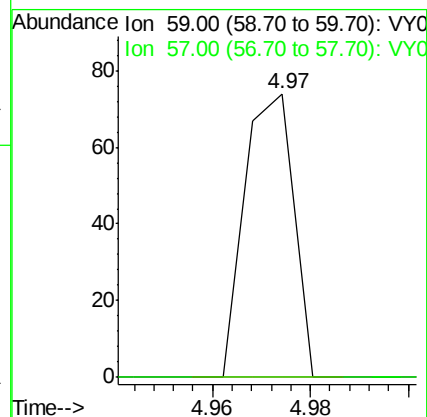
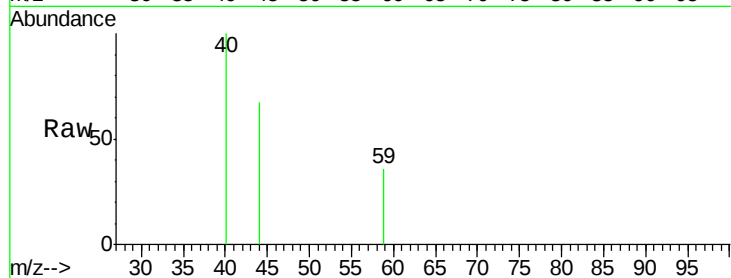


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.97 min Scan# 531
 Delta R.T. -0.02 min
 Lab File: VY001930.D
 Acq: 10 Mar 2020 18:18

Instrument :
 MSVOA_Y
 ClientSampled :

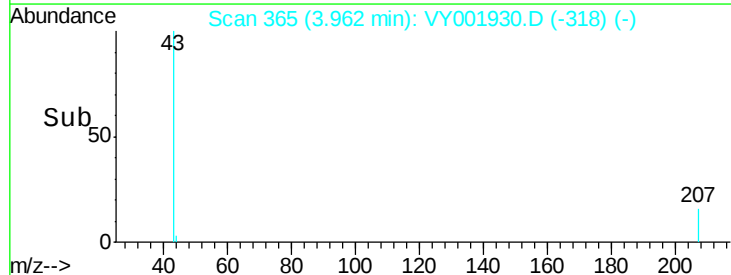
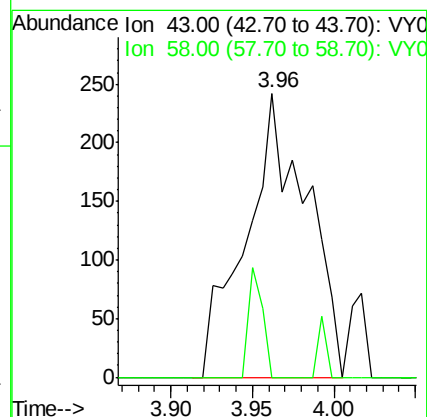
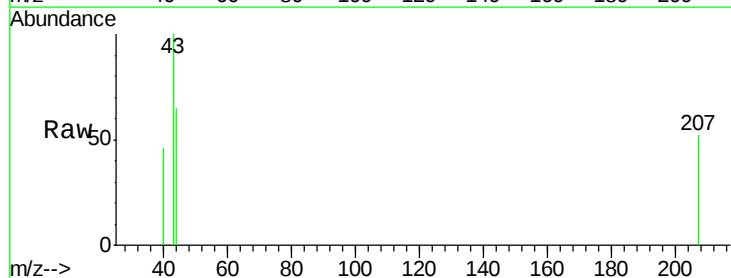
Tot Ion: 59 Resp: 52
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

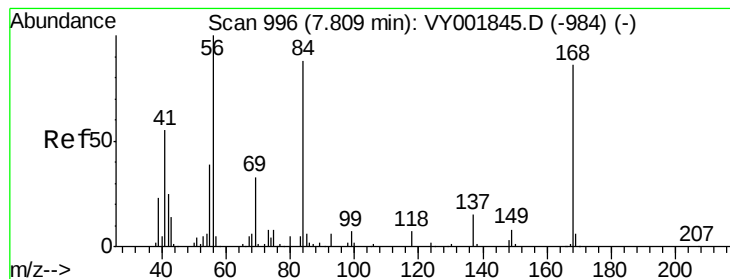


#16

Acetone
 Concen: 1.480 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VY001930.D
 Acq: 10 Mar 2020 18:18

Tgt Ion: 43 Resp: 630
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.9 38.9#





#31

Cyclohexane

Concen: 1.082 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001930.D

Acq: 10 Mar 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :

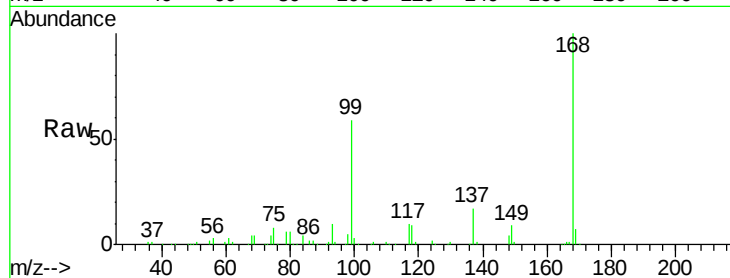
Tot Ion: 56 Resp: 3476

Ion Ratio Lower Upper

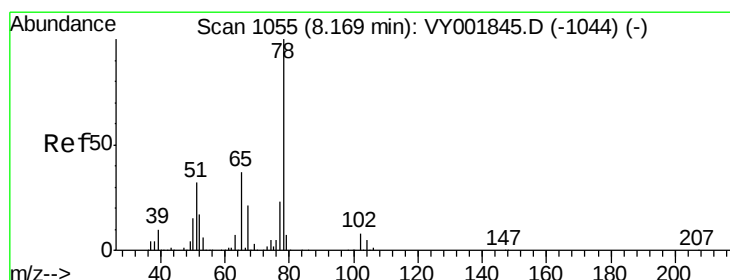
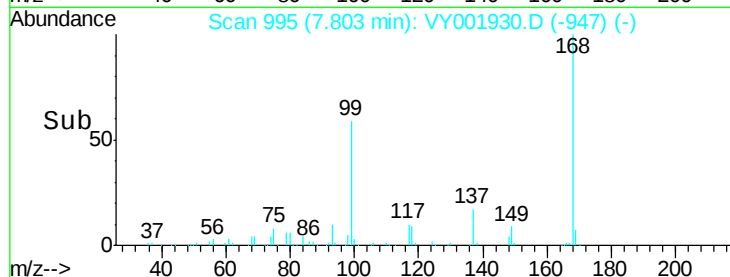
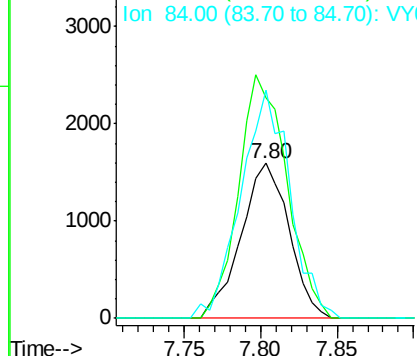
56 100

69 142.3 26.7 40.1#

84 146.8 70.4 105.6#



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: 58.800 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001930.D

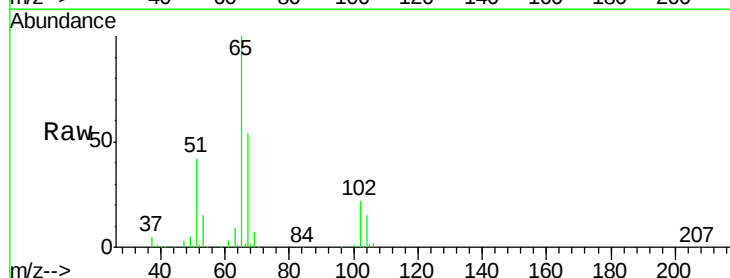
Acq: 10 Mar 2020 18:18

Tgt Ion: 65 Resp: 85926

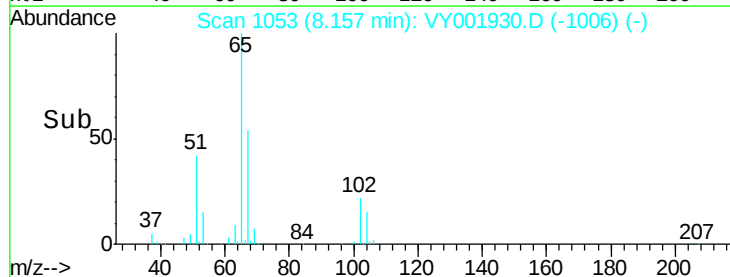
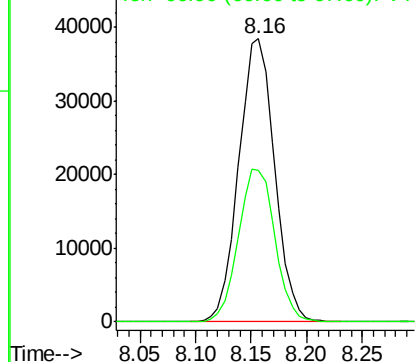
Ion Ratio Lower Upper

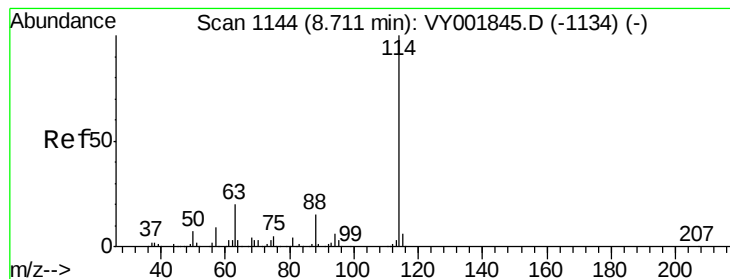
65 100

67 54.9 0.0 110.8



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: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY001930.D

Acq: 10 Mar 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :

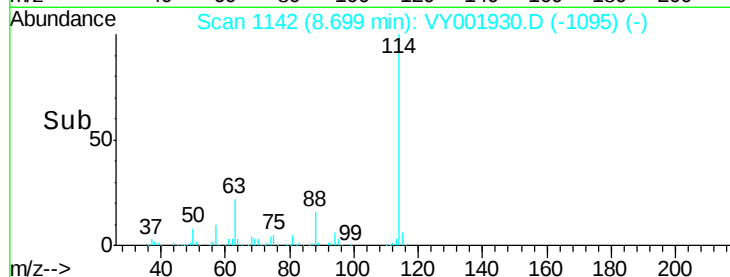
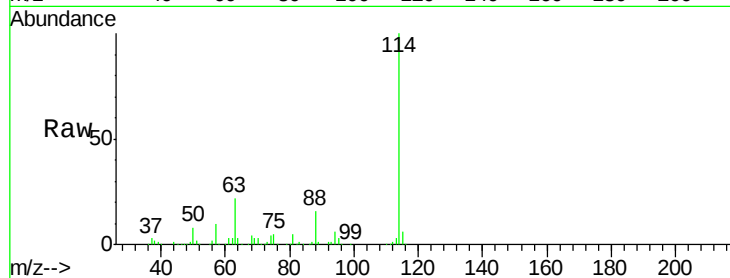
Tot Ion:114 Resp: 265640

Ion Ratio Lower Upper

114 100

63 22.1 0.0 39.4

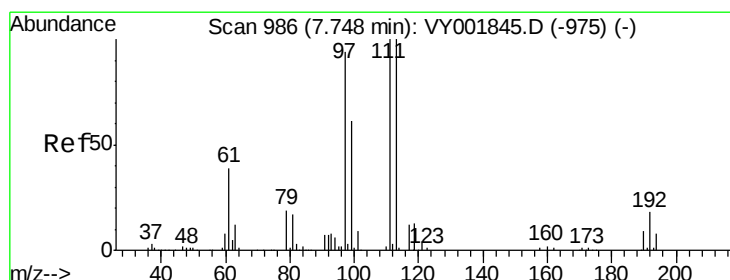
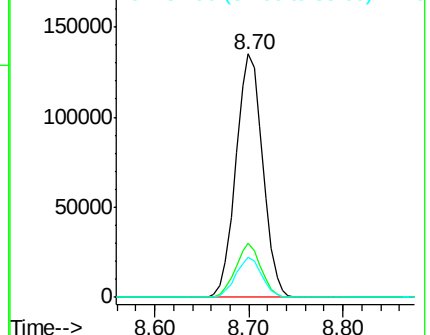
88 16.4 0.0 30.4



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: 53.511 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY001930.D

Acq: 10 Mar 2020 18:18

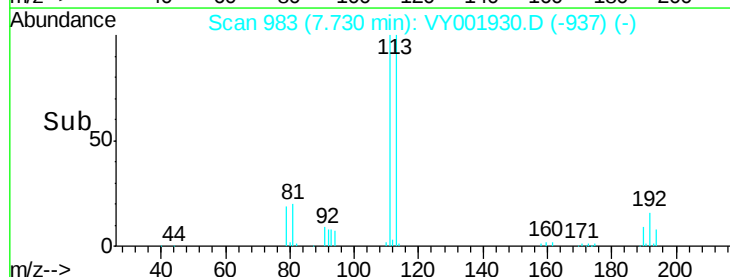
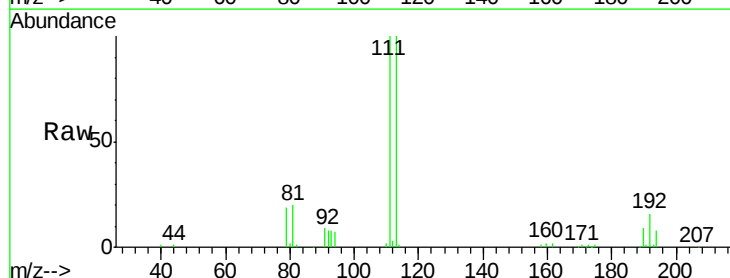
Tgt Ion:113 Resp: 77618

Ion Ratio Lower Upper

113 100

111 101.4 81.8 122.8

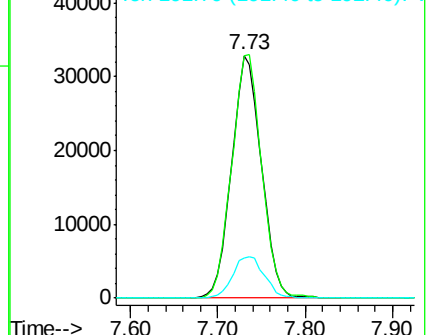
192 18.1 14.2 21.2

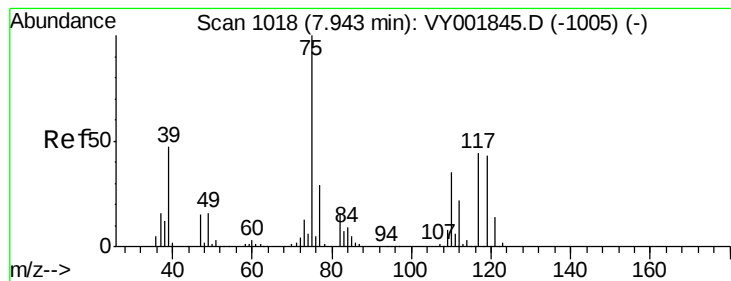


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.559 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.13 min

Lab File: VY001930.D

Acq: 10 Mar 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

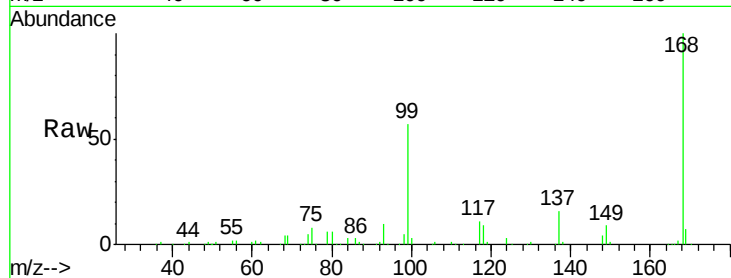
Tot Ion: 75 Resp: 11653

Ion Ratio Lower Upper

75 100

110 8.3 17.4 52.2#

77 0.0 24.2 36.2#

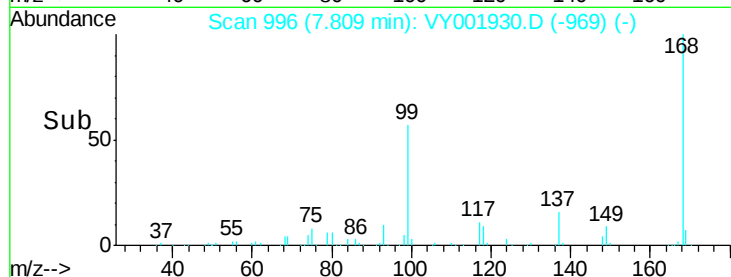


Abundance Ion 74.90 (74.60 to 75.60): VY001845.D (-1005) (-)

Ion 109.90 (109.60 to 110.60): VY001845.D (-1005) (-)

Ion 76.90 (76.60 to 77.60): VY001845.D (-1005) (-)

Time-->

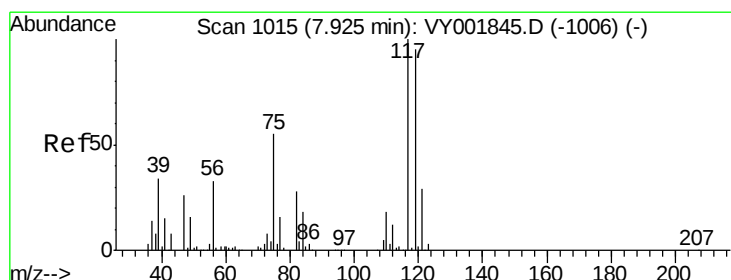


Abundance Ion 74.90 (74.60 to 75.60): VY001845.D (-1005) (-)

Ion 109.90 (109.60 to 110.60): VY001845.D (-1005) (-)

Ion 76.90 (76.60 to 77.60): VY001845.D (-1005) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.444 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.12 min

Lab File: VY001930.D

Acq: 10 Mar 2020 18:18

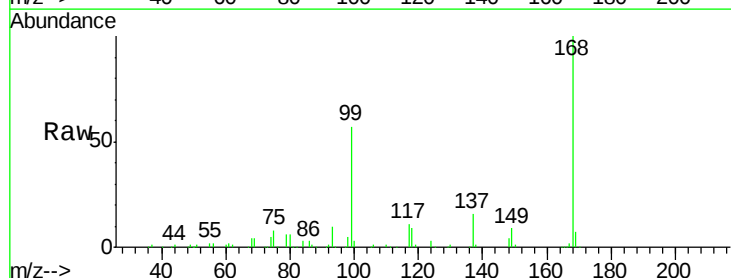
Tgt Ion: 117 Resp: 14071

Ion Ratio Lower Upper

117 100

119 4.6 76.3 114.5#

121 0.0 23.5 35.3#

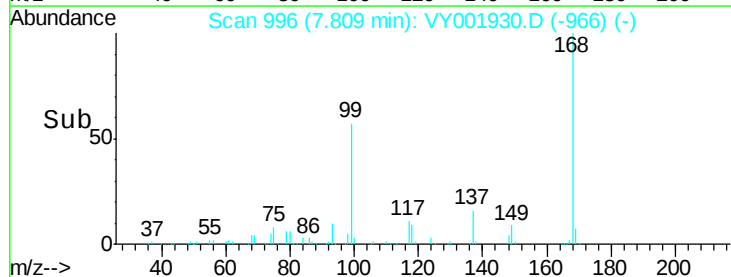


Abundance Ion 116.80 (116.50 to 117.50): VY001845.D (-1006) (-)

Ion 118.80 (118.50 to 119.50): VY001845.D (-1006) (-)

Ion 120.80 (120.50 to 121.50): VY001845.D (-1006) (-)

Time-->

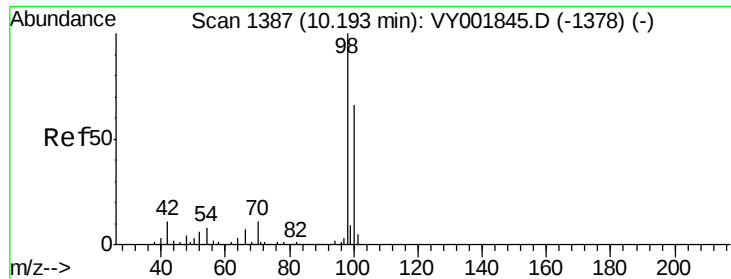


Abundance Ion 116.80 (116.50 to 117.50): VY001845.D (-1006) (-)

Ion 118.80 (118.50 to 119.50): VY001845.D (-1006) (-)

Ion 120.80 (120.50 to 121.50): VY001845.D (-1006) (-)

Time-->



#50

Toluene-d8

Concen: 51.433 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001930.D

Acq: 10 Mar 2020 18:18

Instrument :

MSVOA_Y

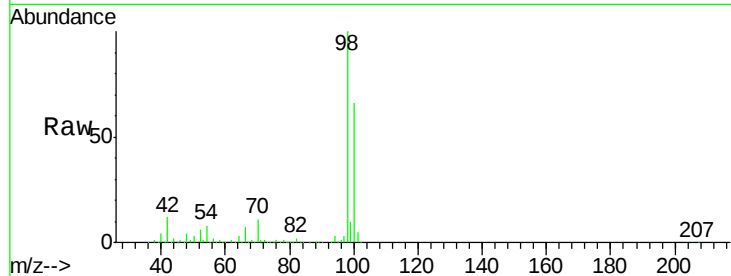
ClientSampleId :

Tot Ion: 98 Resp: 314591

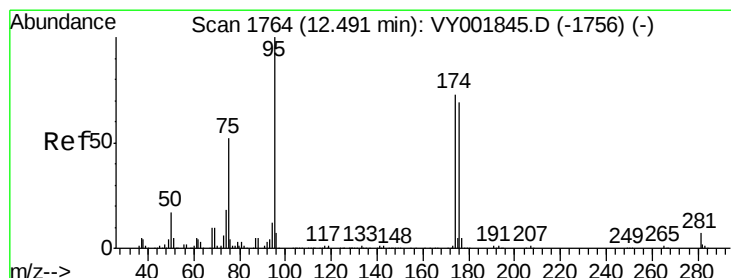
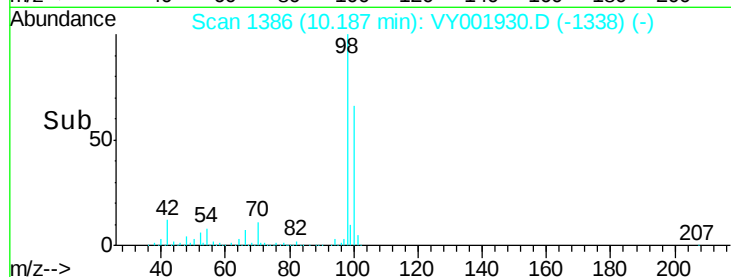
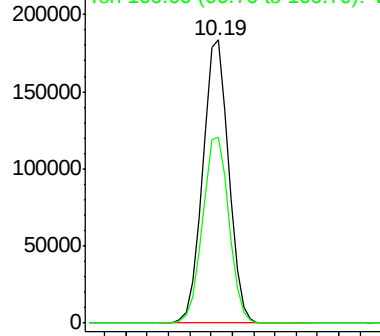
Ion Ratio Lower Upper

98 100

100 66.7 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001845.D (-1378) (-)



#62

4-Bromofluorobenzene

Concen: 47.383 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001930.D

Acq: 10 Mar 2020 18:18

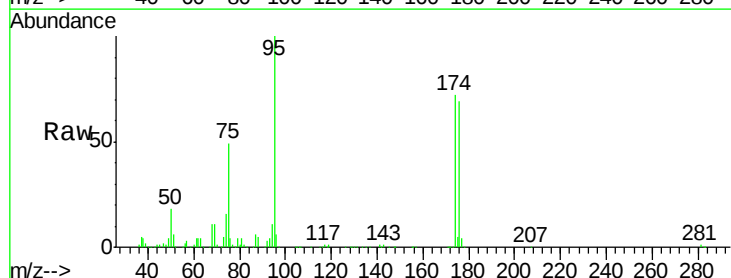
Tgt Ion: 95 Resp: 100775

Ion Ratio Lower Upper

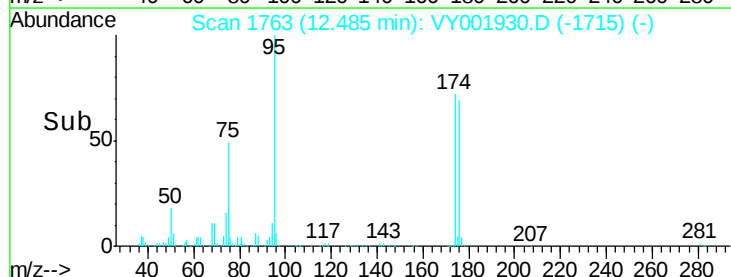
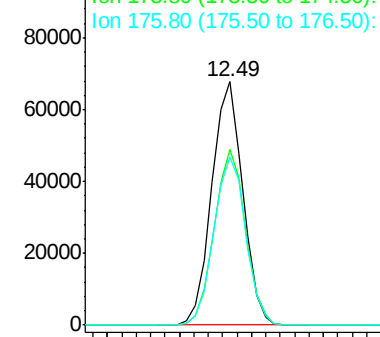
95 100

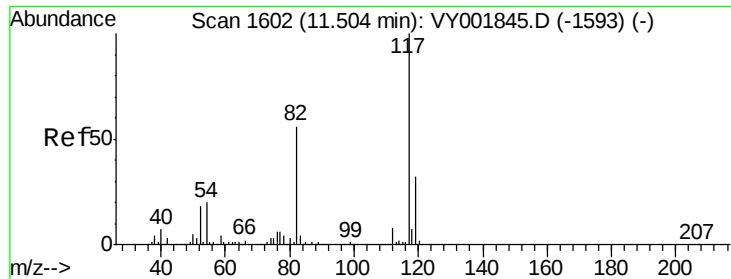
174 72.9 0.0 145.0

176 70.6 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)

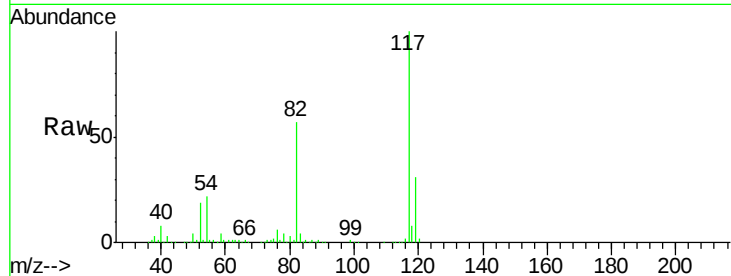




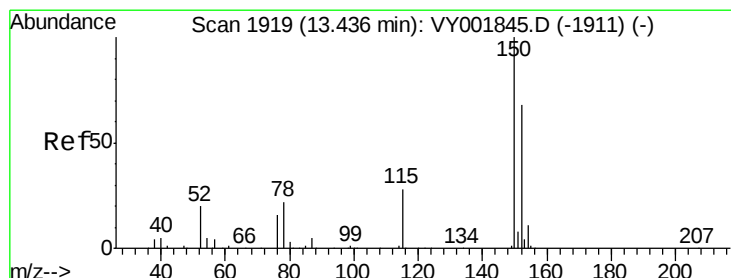
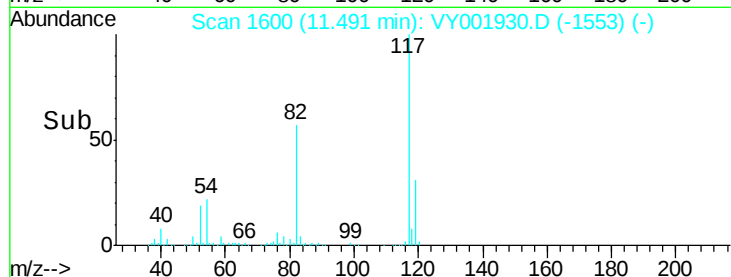
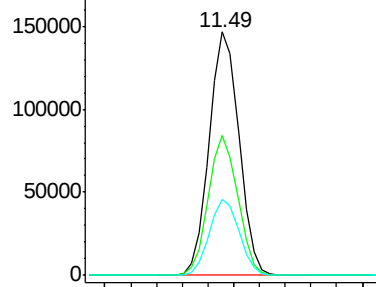
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001930.D
Acq: 10 Mar 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.3	44.5	66.7
119	31.2	25.7	38.5

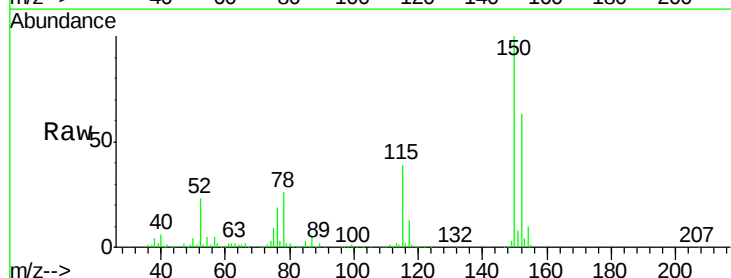


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

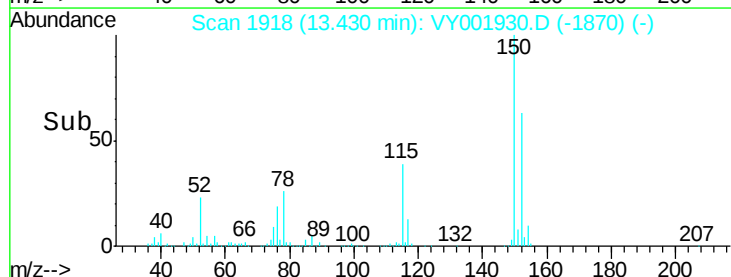
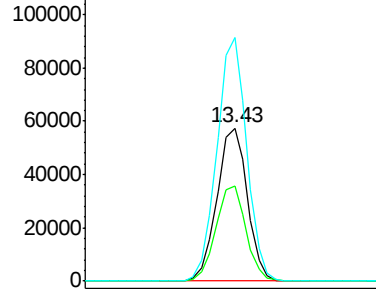


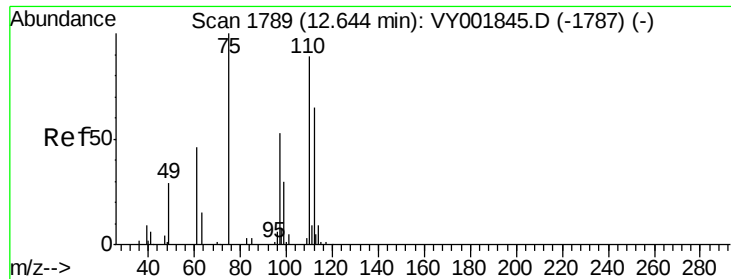
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001930.D
Acq: 10 Mar 2020 18:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.5	29.9	89.7
150	155.7	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

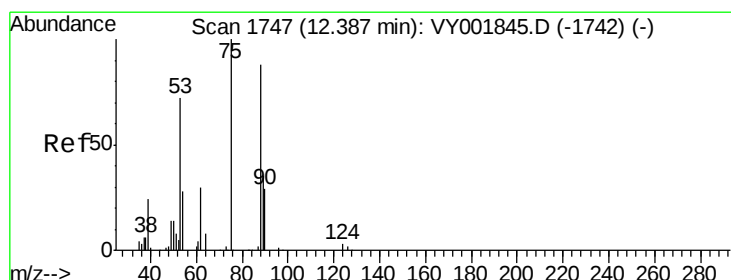
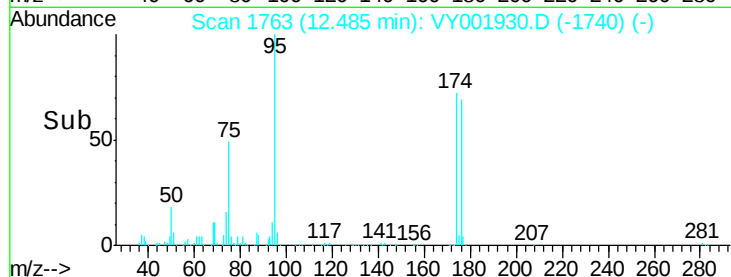
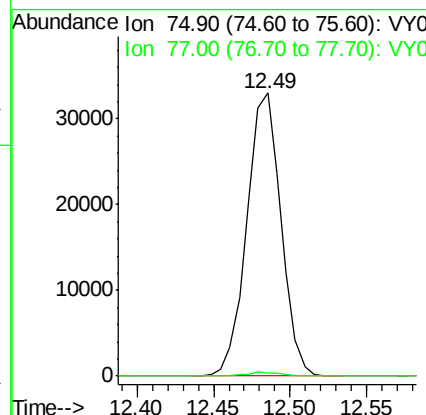
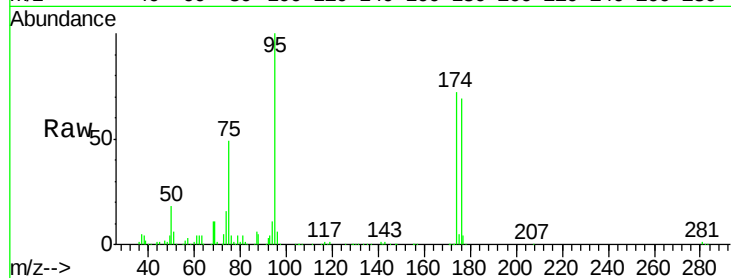




#76
 1,2,3-Trichloropropane
 Concen: 47.927 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.16 min
 Lab File: VY001930.D
 Acq: 10 Mar 2020 18:18

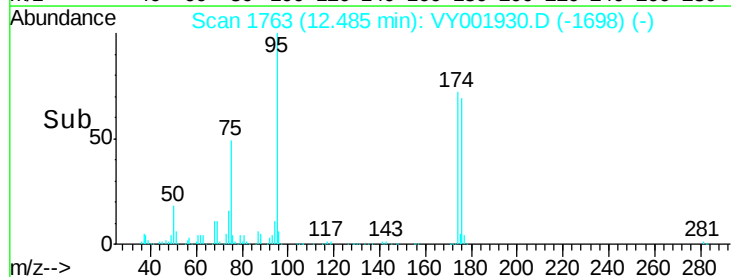
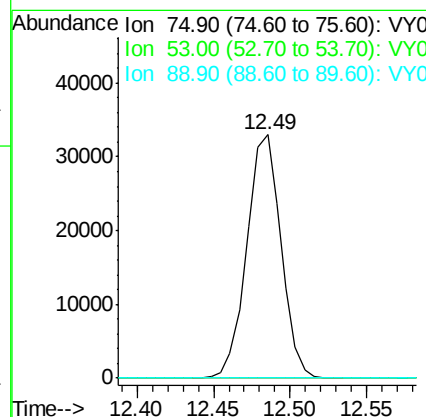
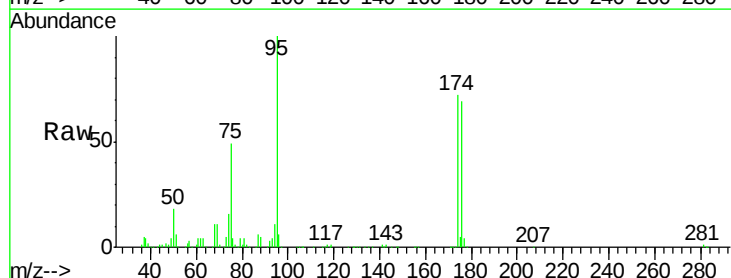
Instrument :
 MSVOA_Y
 ClientSampleId :

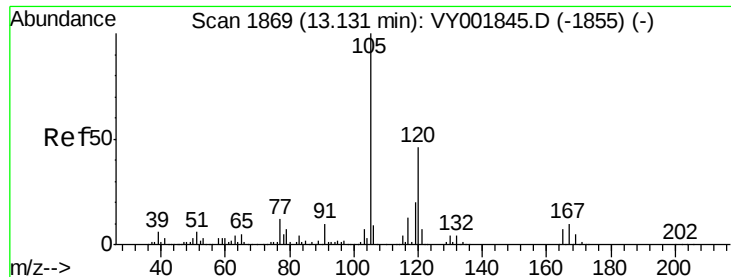
Tot Ion: 75 Resp: 51129
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.810 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY001930.D
 Acq: 10 Mar 2020 18:18

Tgt Ion: 75 Resp: 51129
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.4 98.0#
 89 0.0 36.0 54.0#

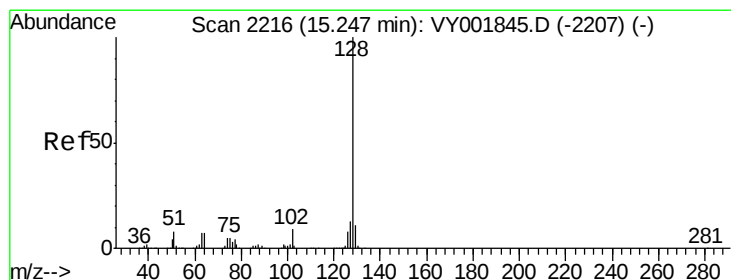
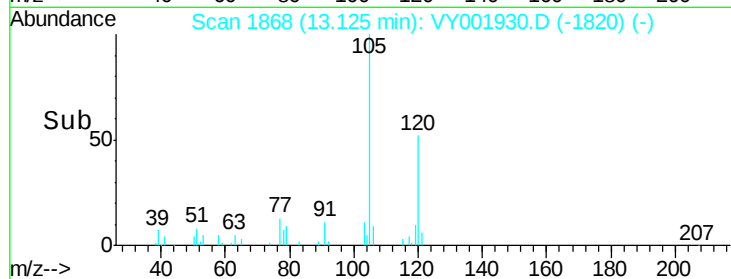
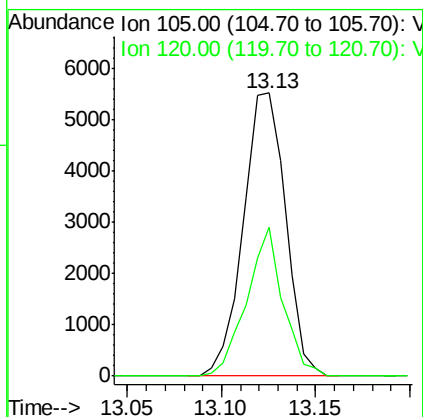
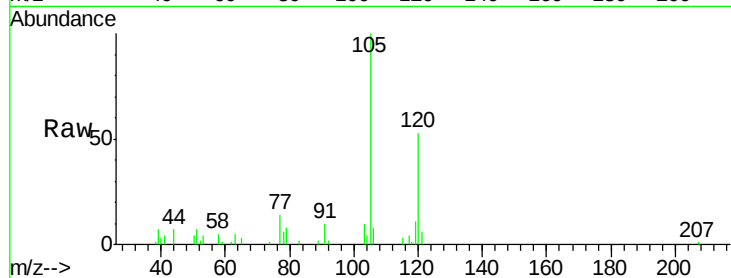




#84
 1,2,4-Trimethylbenzene
 Concen: 1.534 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VY001930.D
 Acq: 10 Mar 2020 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:105 Resp: 8602
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.6 67.7



#95
 Naphthalene
 Concen: 1.347 ug/l
 RT: 15.23 min Scan# 2214
 Delta R.T. -0.01 min
 Lab File: VY001930.D
 Acq: 10 Mar 2020 18:18

Tgt Ion:128 Resp: 5362
 Ion Ratio Lower Upper
 128 100
 127 14.0 10.1 15.1
 129 10.9 8.6 13.0

