

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031820\
 Data File : VY002008.D
 Acq On : 18 Mar 2020 16:20
 Operator : SY/MD
 Sample : L1964-01
 Misc : 5.92G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 19 01:27:02 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

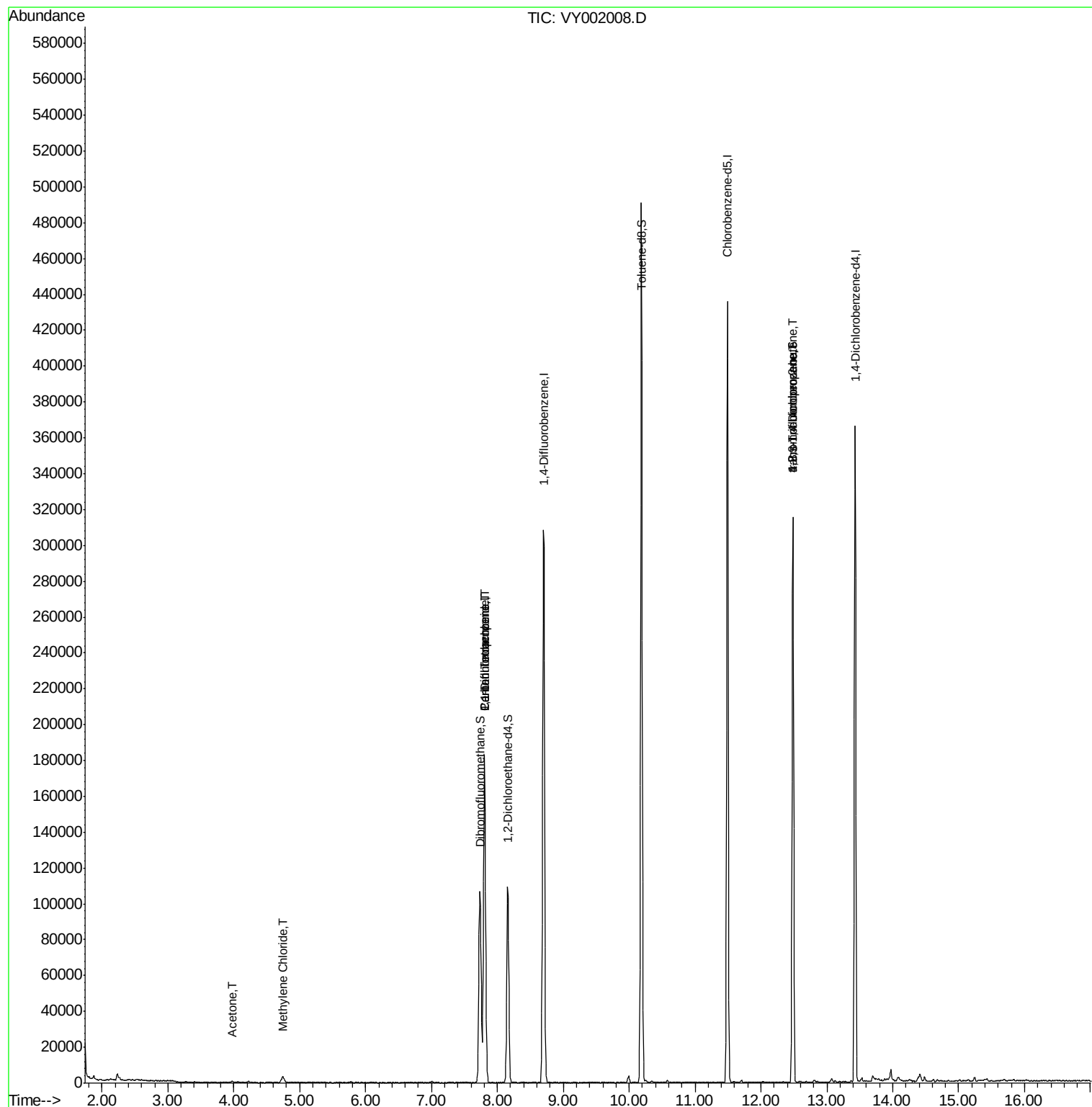
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	138048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	267960	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	236147	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	87790	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	81210	55.10	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	110.20%	
35) Dibromofluoromethane	7.74	113	77848	53.20	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	106.40%	
50) Toluene-d8	10.19	98	324047	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.49	95	100238	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.67	94	53	Below Cal	#	4
11) Tert butyl alcohol	4.96	59	61	Below Cal	#	74
16) Acetone	3.97	43	827	1.927	ug/l	91
20) Methylene Chloride	4.75	84	2540	1.381	ug/l	90
36) 1,1-Dichloropropene	7.80	75	11715	4.543	ug/l #	50
38) Carbon Tetrachloride	7.80	117	14364	6.521	ug/l #	15
76) 1,2,3-Trichloropropane	12.49	75	50562	48.539	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	50562	98.046	ug/l #	17

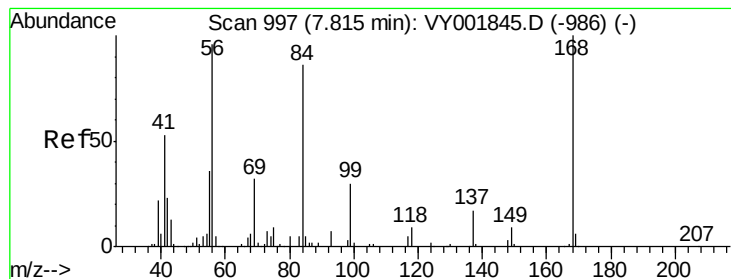
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031820\
Data File : VY002008.D
Acq On : 18 Mar 2020 16:20
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Sample : L1964-01
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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: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002008.D

Acq: 18 Mar 2020 16:20

Instrument :

MSVOA_Y

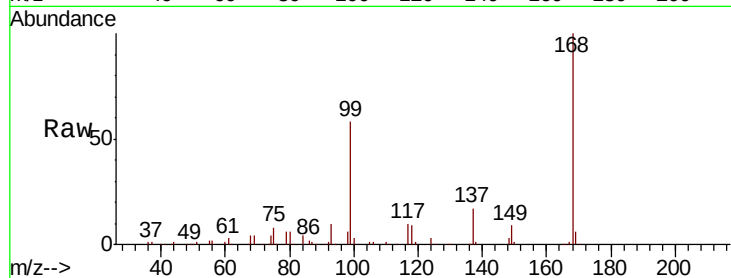
ClientSampleId :

Tot Ion:168 Resp: 138048

Ion Ratio Lower Upper

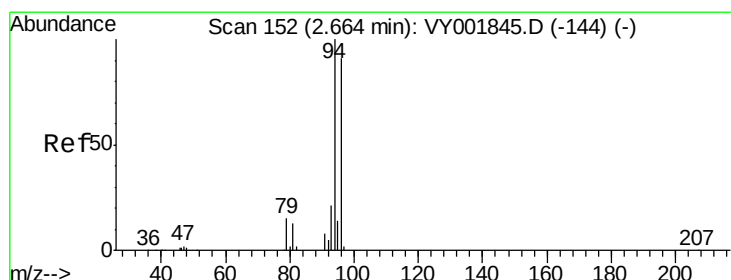
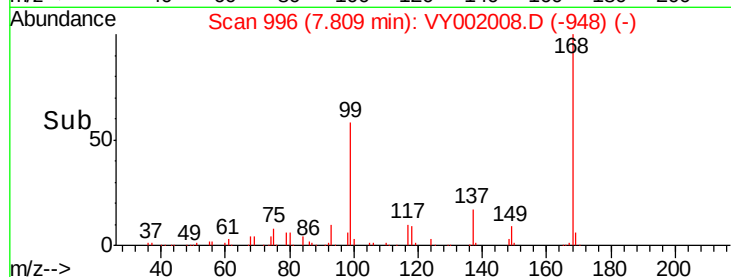
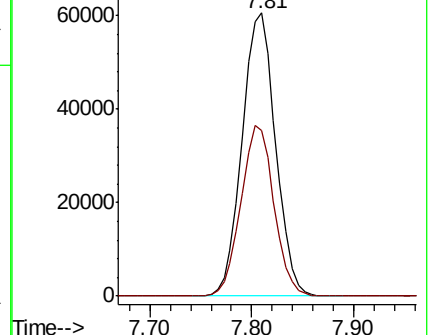
168 100

99 58.3 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: VY002008.D

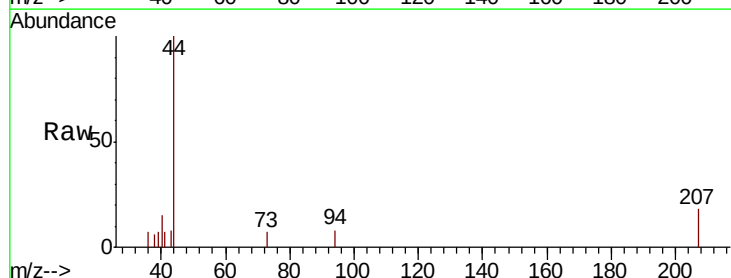
Acq: 18 Mar 2020 16:20

Tgt Ion: 94 Resp: 53

Ion Ratio Lower Upper

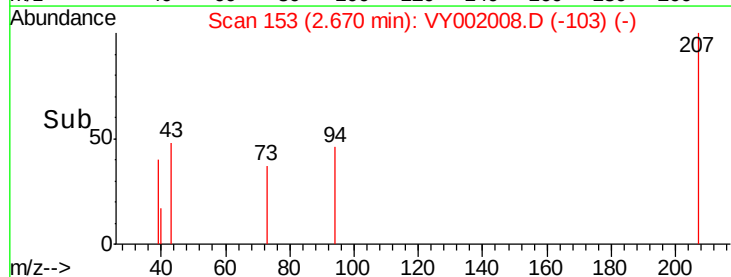
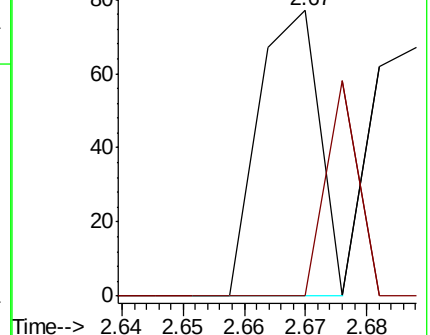
94 100

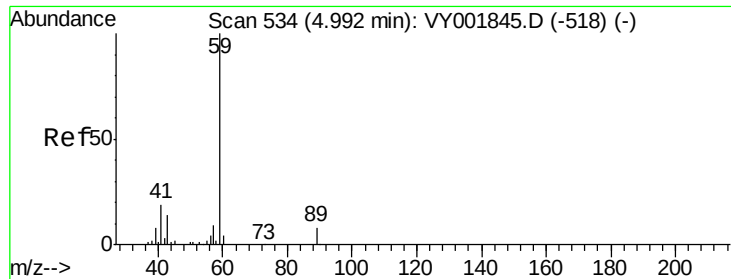
96 0.0 73.2 109.8#



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

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

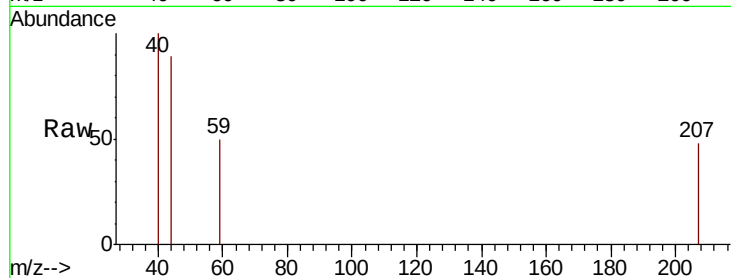




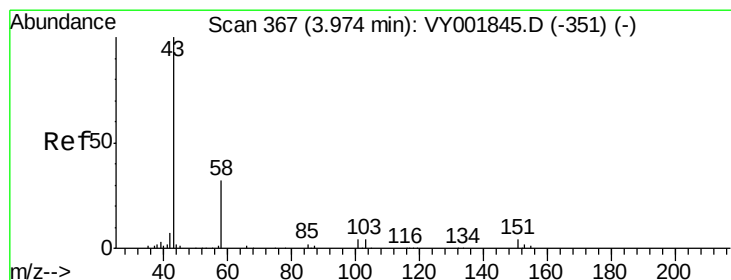
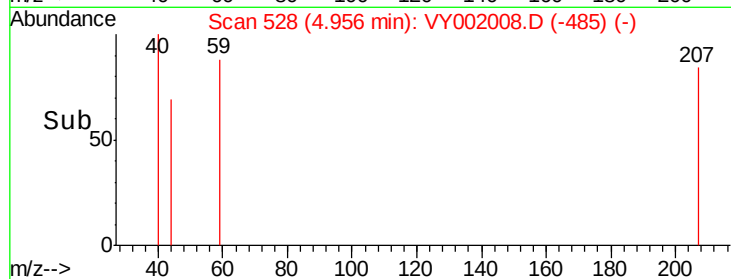
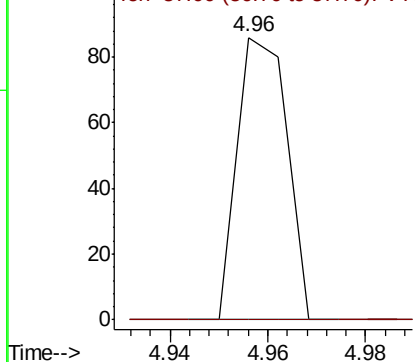
#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.96 min Scan# 528
Delta R.T. -0.04 min
Lab File: VY002008.D
Acq: 18 Mar 2020 16:20

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 59 Resp: 61
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

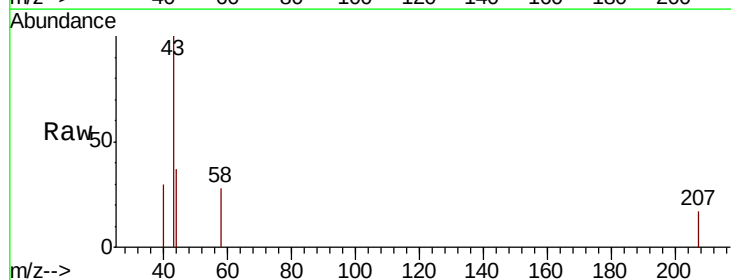


Abundance Ion 59.00 (58.70 to 59.70): VY0
Ion 57.00 (56.70 to 57.70): VY0

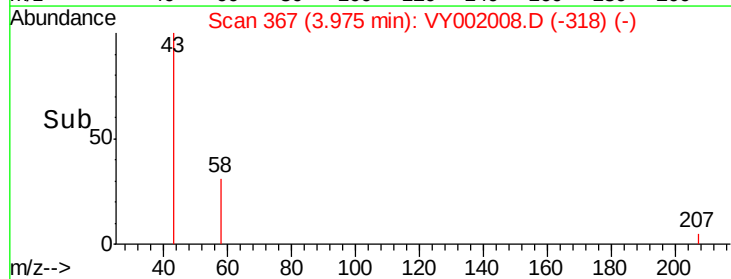
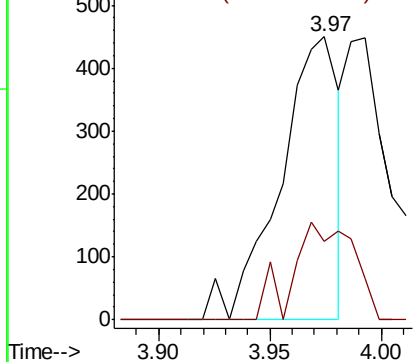


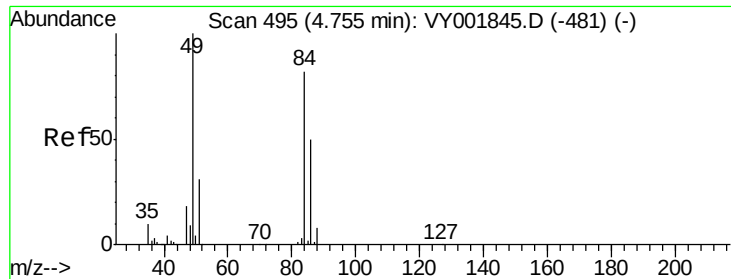
#16
Acetone
Concen: 1.927 ug/l
RT: 3.97 min Scan# 367
Delta R.T. 0.00 min
Lab File: VY002008.D
Acq: 18 Mar 2020 16:20

Tgt Ion: 43 Resp: 827
Ion Ratio Lower Upper
43 100
58 27.6 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

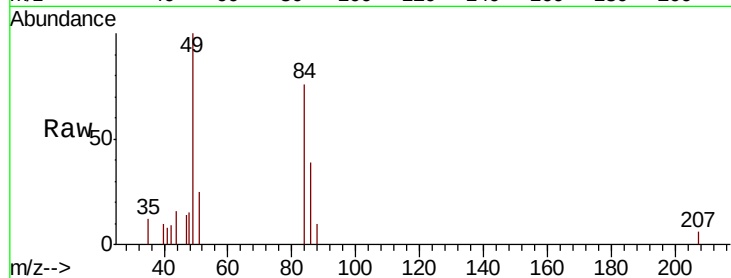




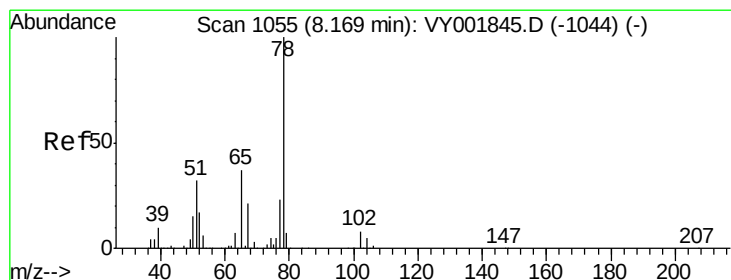
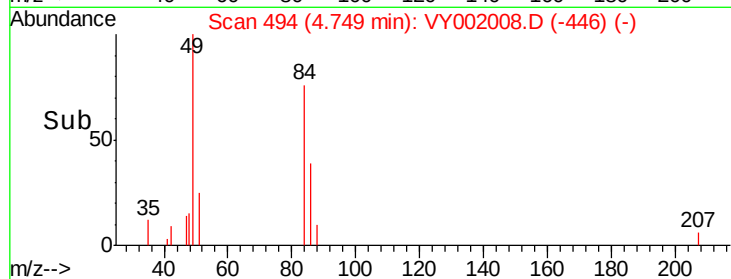
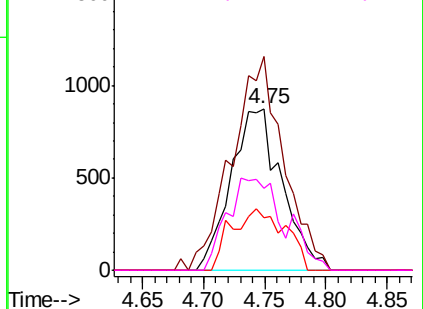
#20
Methylene Chloride
Concen: 1.381 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY002008.D
Acq: 18 Mar 2020 16:20

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 84 Resp: 2540
Ion Ratio Lower Upper
84 100
49 132.4 98.2 147.2
51 32.5 30.2 45.2
86 51.1 48.9 73.3

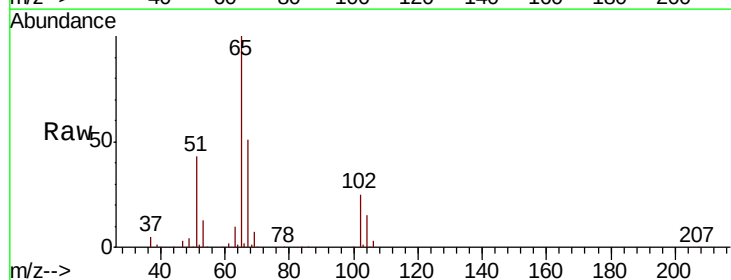


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

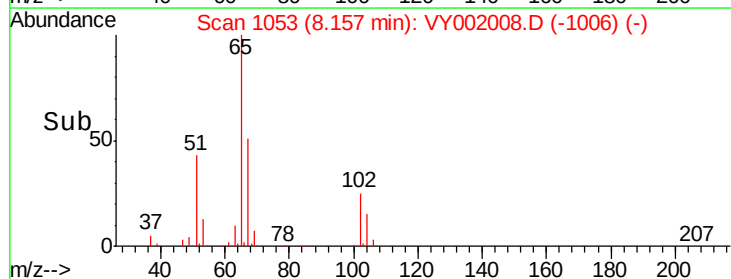
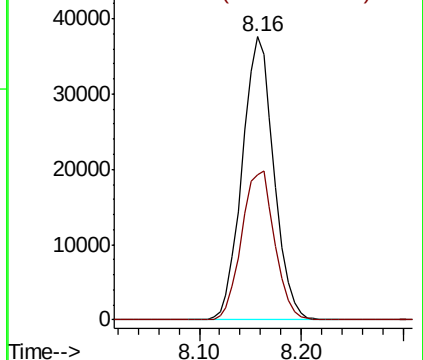


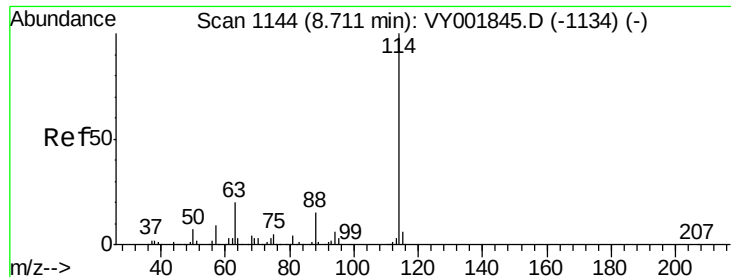
#33
1,2-Dichloroethane-d4
Concen: 55.104 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VY002008.D
Acq: 18 Mar 2020 16:20

Tgt Ion: 65 Resp: 81210
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

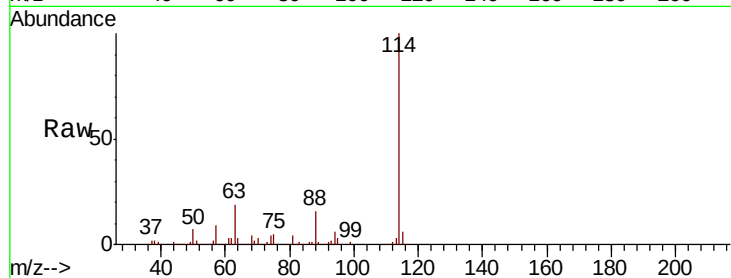




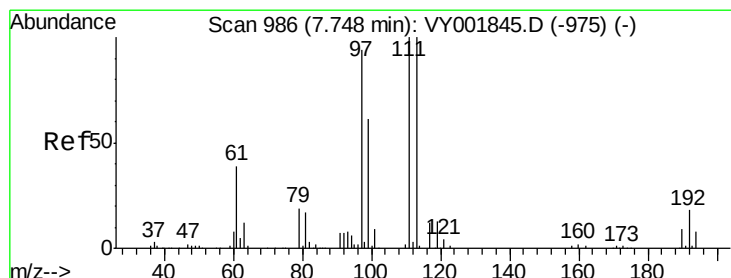
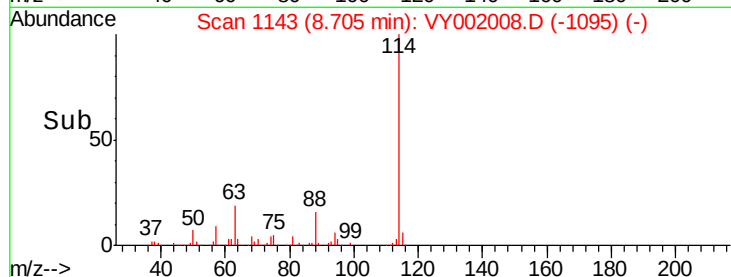
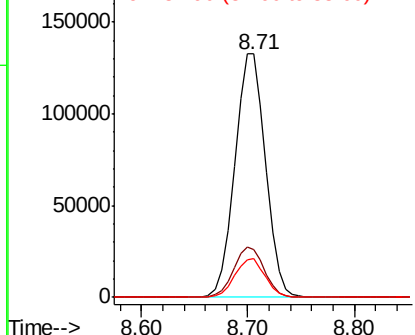
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY002008.D
 Acq: 18 Mar 2020 16:20

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.4
88	16.2	0.0	30.4

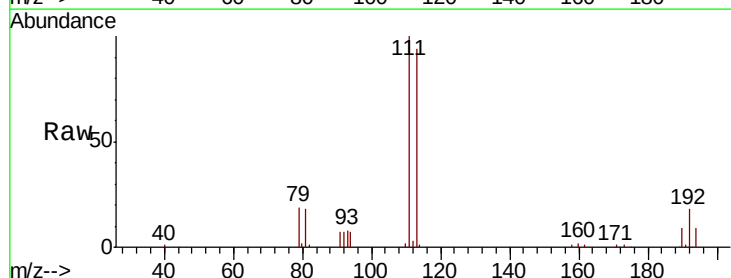


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

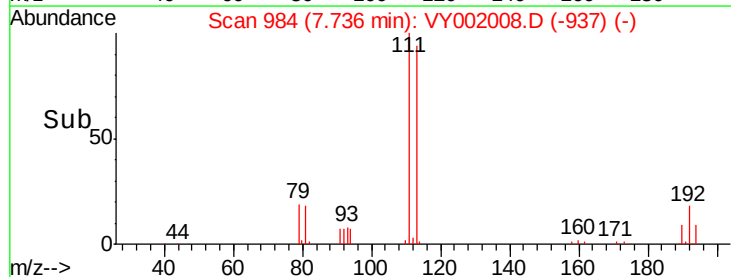
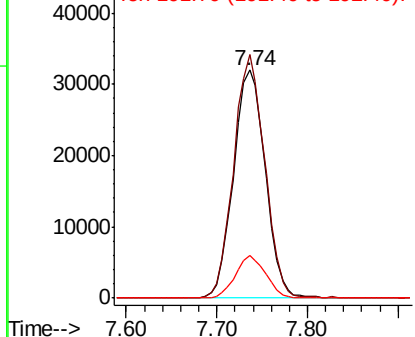


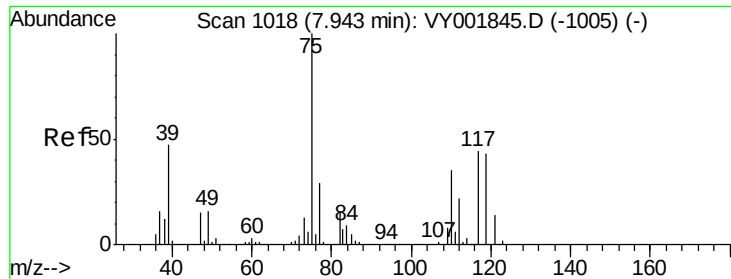
#35
 Dibromofluoromethane
 Concen: 53.205 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY002008.D
 Acq: 18 Mar 2020 16:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.8	122.8
192	17.8	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

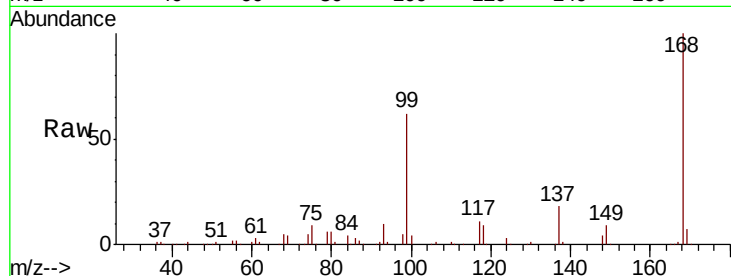




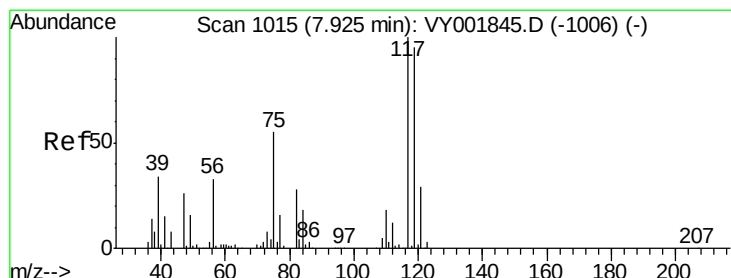
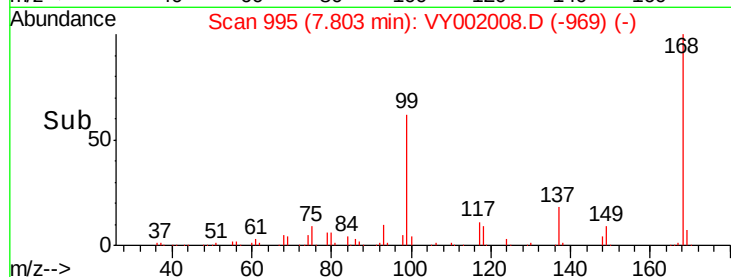
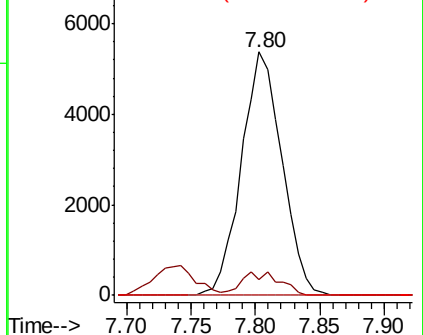
#36
 1,1-Dichloropropene
 Concen: 4.543 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.14 min
 Lab File: VY002008.D
 Acq: 18 Mar 2020 16:20

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	75	Resp	11715
Ion Ratio	100	Lower	Upper
75	100		
110	9.2	17.4	52.2#
77	0.0	24.2	36.2#

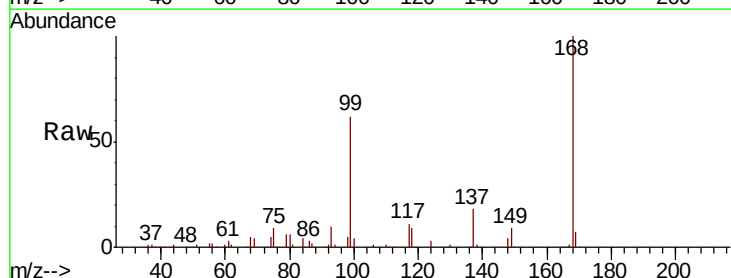


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0

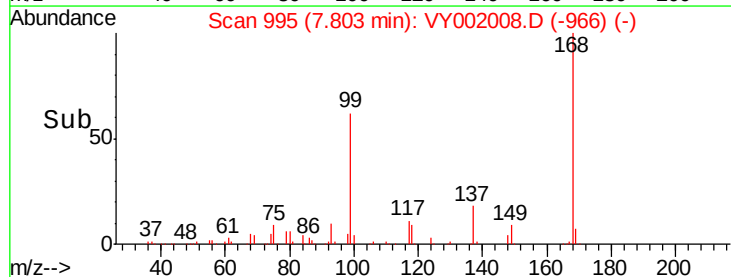
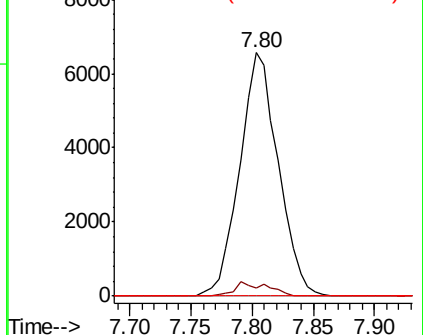


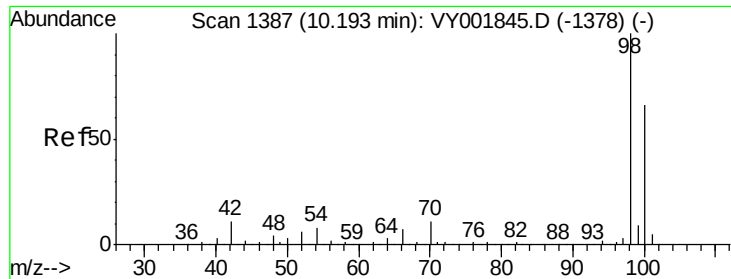
#38
 Carbon Tetrachloride
 Concen: 6.521 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY002008.D
 Acq: 18 Mar 2020 16:20

Tgt Ion	117	Resp	14364
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	3.5	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: 52.520 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002008.D

Acq: 18 Mar 2020 16:20

Instrument :

MSVOA_Y

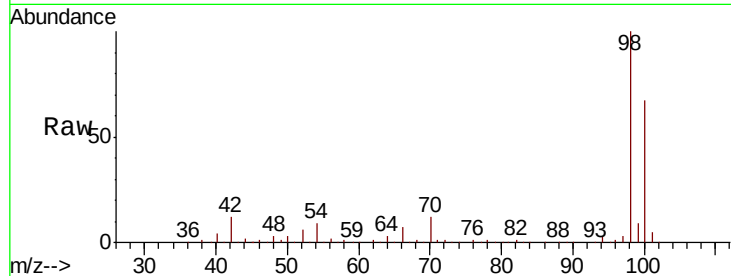
ClientSampleId :

Tot Ion: 98 Resp: 324047

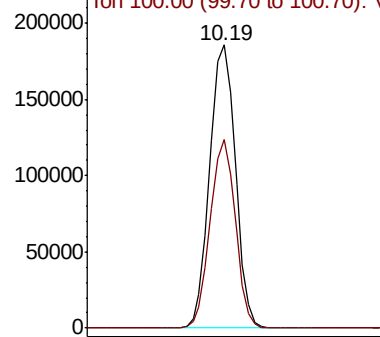
Ion Ratio Lower Upper

98 100

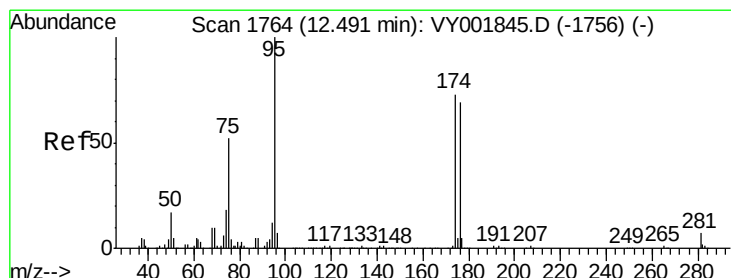
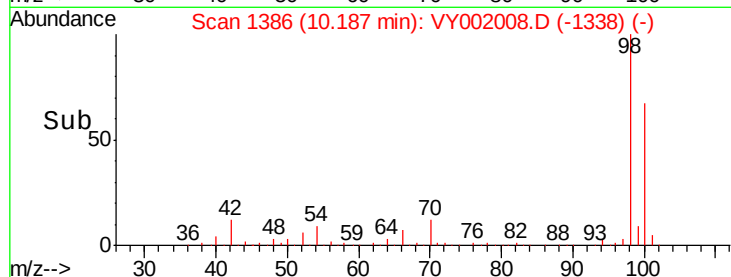
100 65.0 53.0 79.4



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



Time-->



#62

4-Bromofluorobenzene

Concen: 46.723 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002008.D

Acq: 18 Mar 2020 16:20

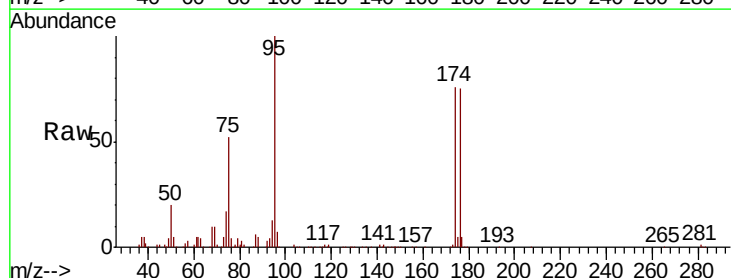
Tgt Ion: 95 Resp: 100238

Ion Ratio Lower Upper

95 100

174 73.3 0.0 145.0

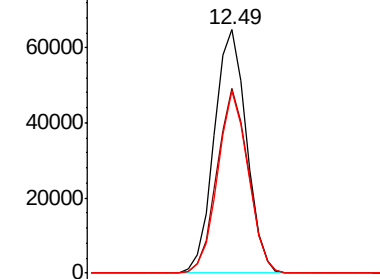
176 70.9 0.0 137.4



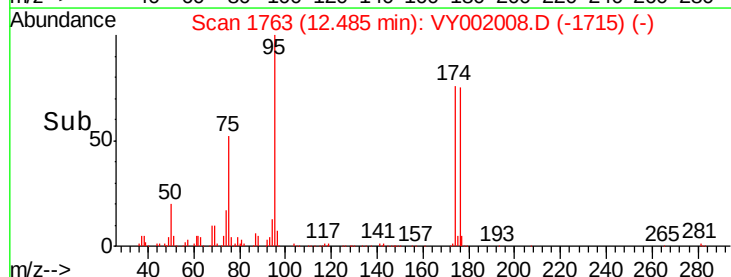
Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)

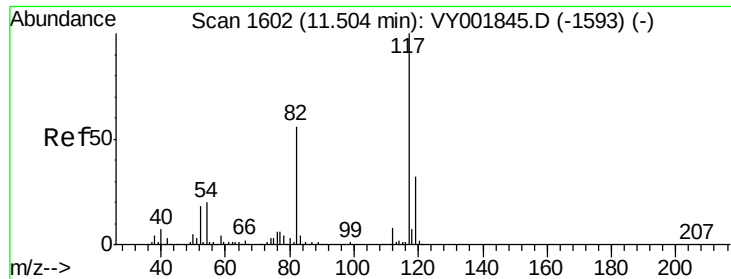
Ion 173.80 (173.50 to 174.50): VY001845.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001845.D (-1756) (-)



Time-->

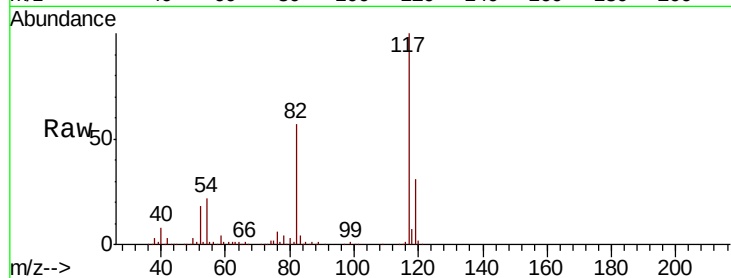




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002008.D
Acq: 18 Mar 2020 16:20

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	44.5	66.7
119	31.1	25.7	38.5

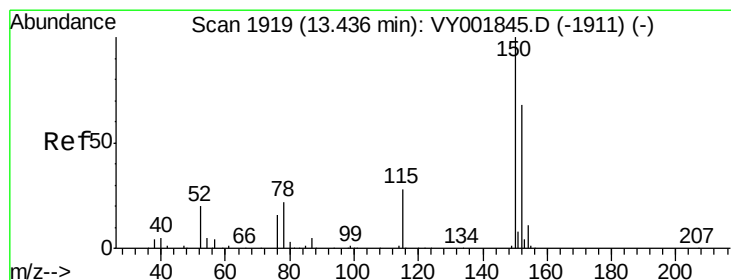
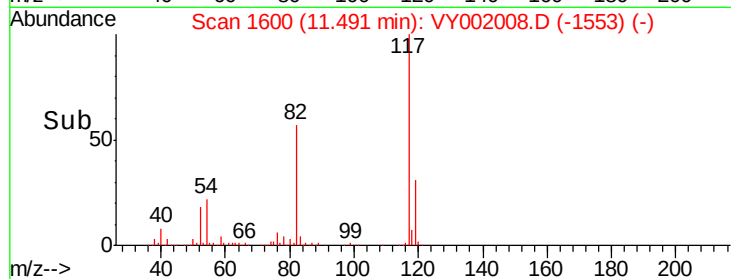
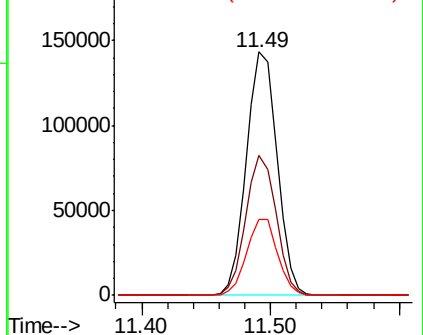


Abundance

Ion 116.90 (116.60 to 117.60): V

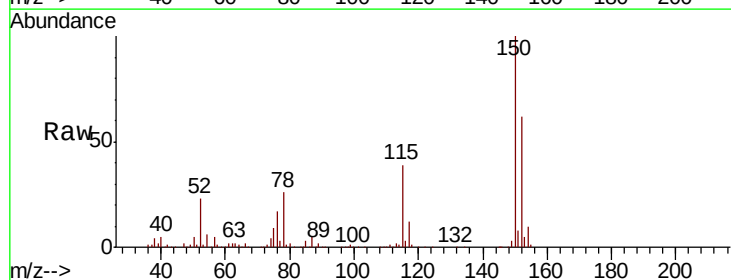
Ion 82.00 (81.70 to 82.70): VY0

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: VY002008.D
Acq: 18 Mar 2020 16:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	29.9	89.7
150	157.4	0.0	340.6

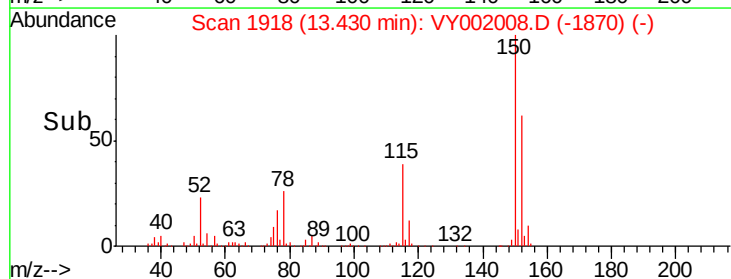
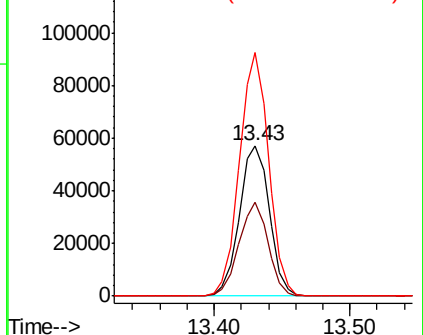


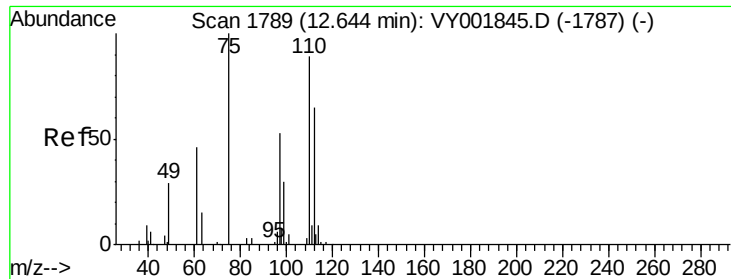
Abundance

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: 48.539 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.16 min

Lab File: VY002008.D

Acq: 18 Mar 2020 16:20

Instrument :

MSVOA_Y

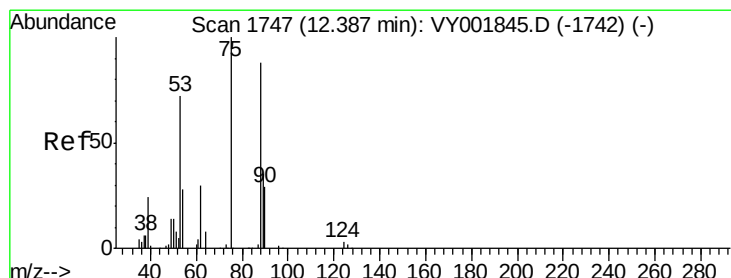
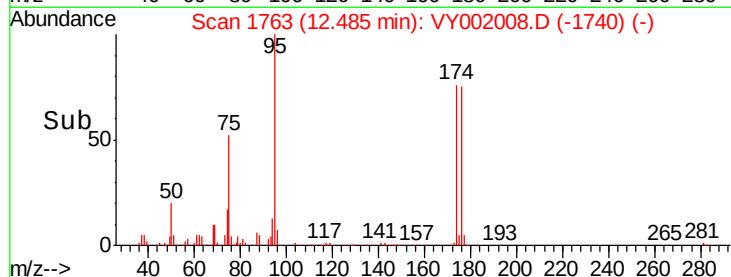
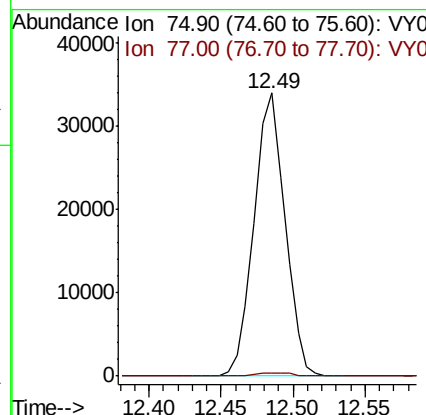
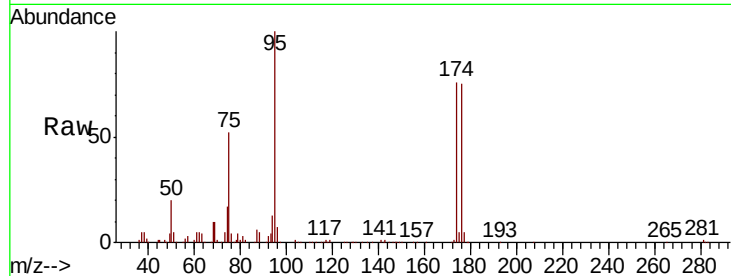
ClientSampleId :

Tot Ion: 75 Resp: 50562

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 98.046 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002008.D

Acq: 18 Mar 2020 16:20

Tgt Ion: 75 Resp: 50562

Ion Ratio Lower Upper

75 100

53 0.0 65.4 98.0#

89 0.1 36.0 54.0#

