

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
 Data File : VY001756.D
 Acq On : 21 Feb 2020 20:16
 Operator : SY/MD
 Sample : L1650-06
 Misc : 8.91G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 22 03:45:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

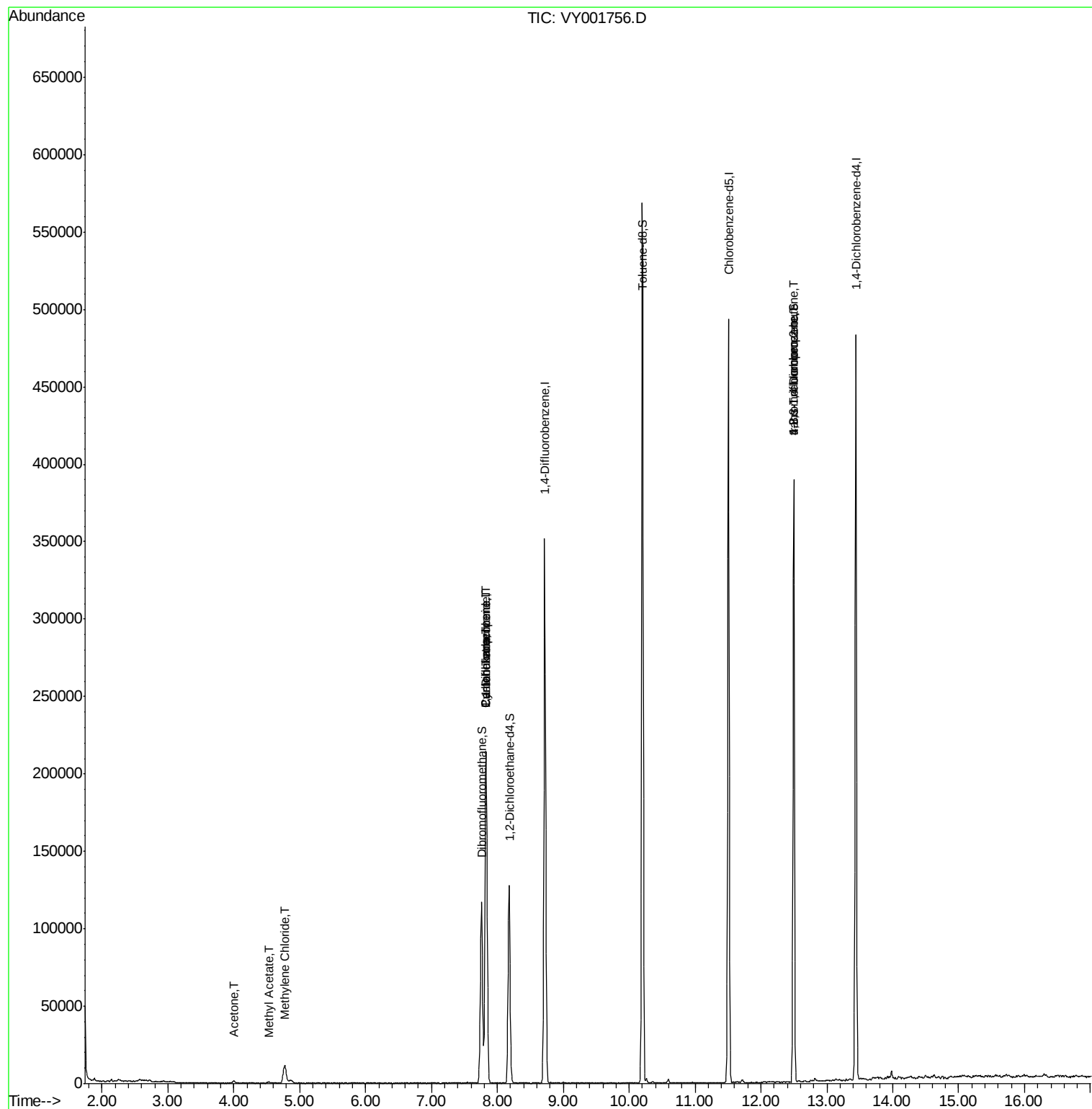
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	160108	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	300034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	266677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	117988	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	97193	56.44	ug/l	0.01
Spiked Amount 50.000			Recovery	=	112.88%	
35) Dibromofluoromethane	7.76	113	84911	49.41	ug/l	0.01
Spiked Amount 50.000			Recovery	=	98.82%	
50) Toluene-d8	10.20	98	361621	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.42%	
62) 4-Bromofluorobenzene	12.50	95	124467	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
Target Compounds						
					Qvalue	
16) Acetone	4.00	43	2393	4.016	ug/l	93
18) Methyl Acetate	4.54	43	1894	1.459	ug/l #	79
20) Methylene Chloride	4.77	84	9062	4.281	ug/l	93
31) Cyclohexane	7.83	56	3696	1.022	ug/l #	1
36) 1,1-Dichloropropene	7.83	75	13905	4.852	ug/l #	50
38) Carbon Tetrachloride	7.83	117	16465	6.541	ug/l #	15
76) 1,2,3-Trichloropropane	12.50	75	62772	46.378	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.50	75	62772	87.988	ug/l #	17

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

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Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001756.D

Acq: 21 Feb 2020 20:16

Instrument :

MSVOA_Y

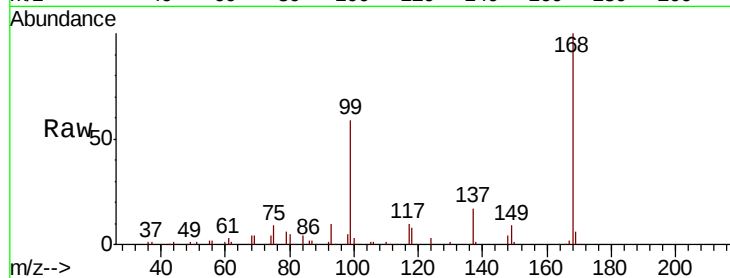
ClientSampled :

Tot Ion:168 Resp: 160108

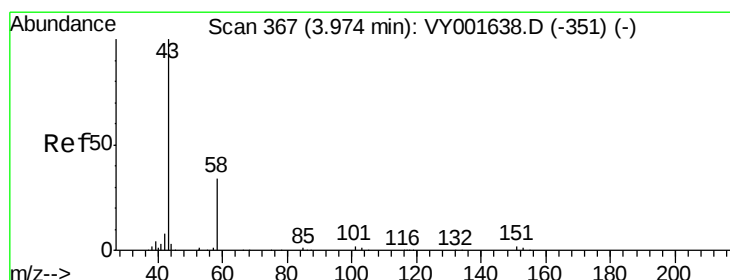
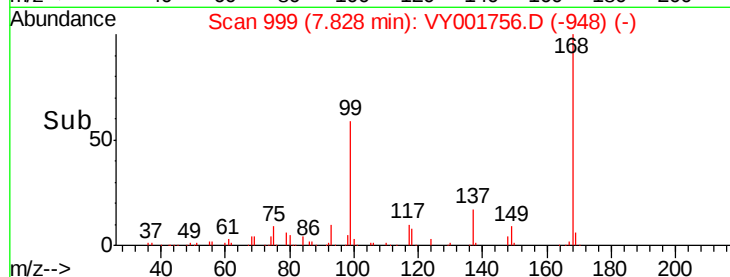
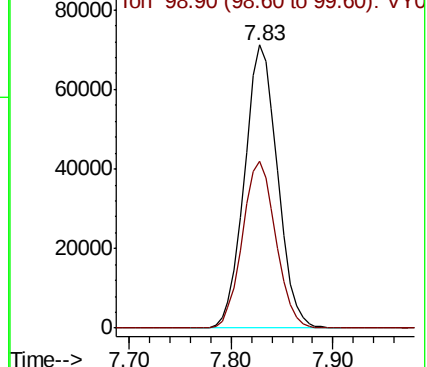
Ion Ratio Lower Upper

168 100

99 59.1 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001756.D (-948) (-)



#16

Acetone

Concen: 4.016 ug/l

RT: 4.00 min Scan# 371

Delta R.T. 0.02 min

Lab File: VY001756.D

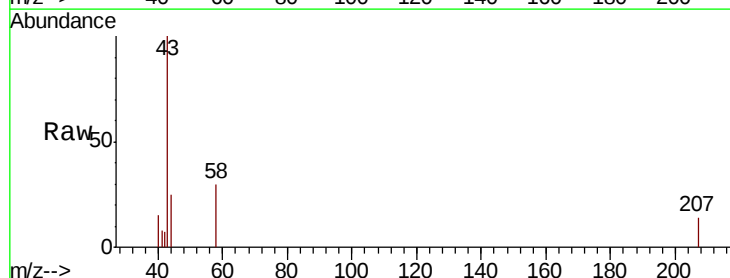
Acq: 21 Feb 2020 20:16

Tgt Ion: 43 Resp: 2393

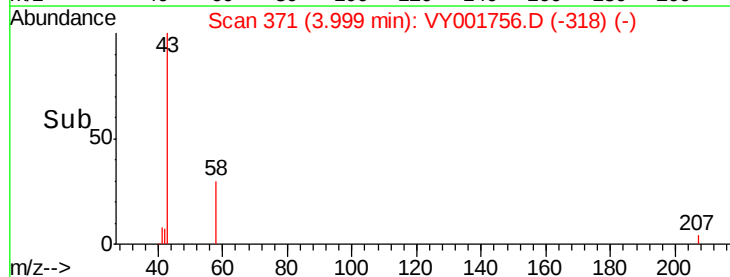
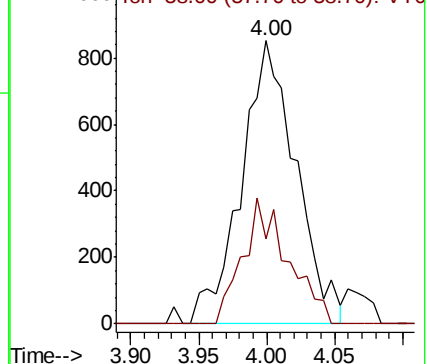
Ion Ratio Lower Upper

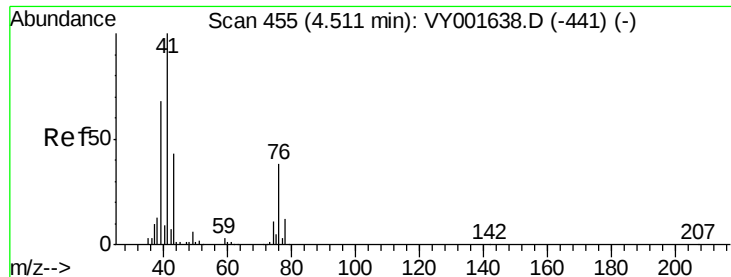
43 100

58 29.8 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY001756.D (-318) (-)

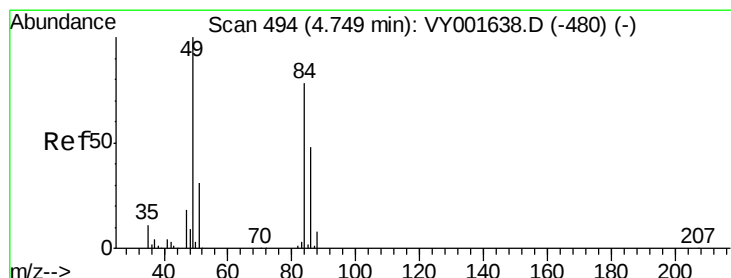
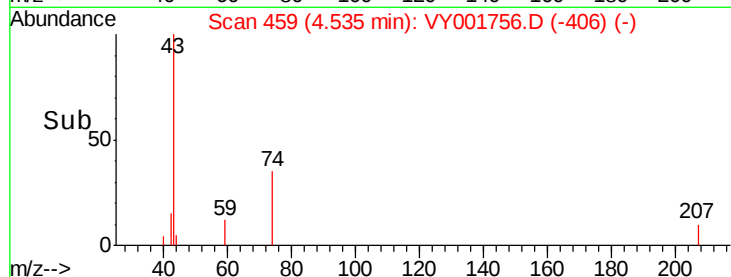
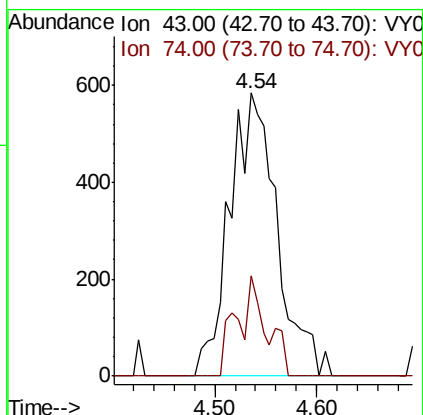
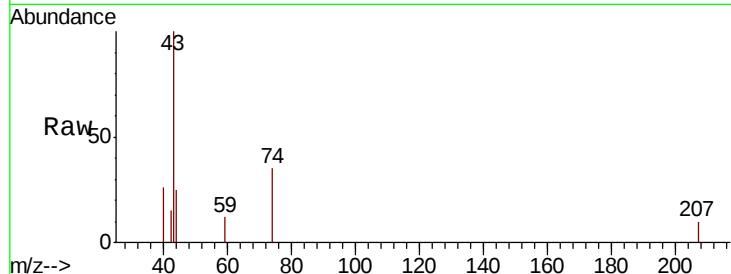




#18
Methyl Acetate
Concen: 1.459 ug/l
RT: 4.54 min Scan# 459
Delta R.T. 0.02 min
Lab File: VY001756.D
Acq: 21 Feb 2020 20:16

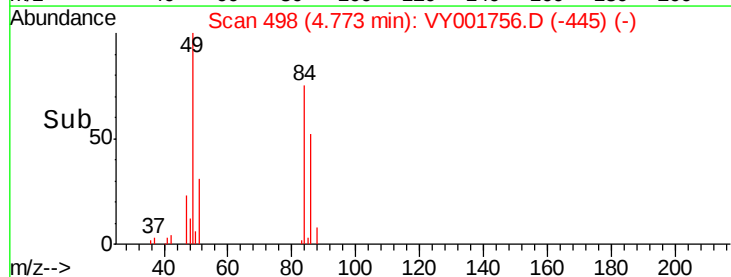
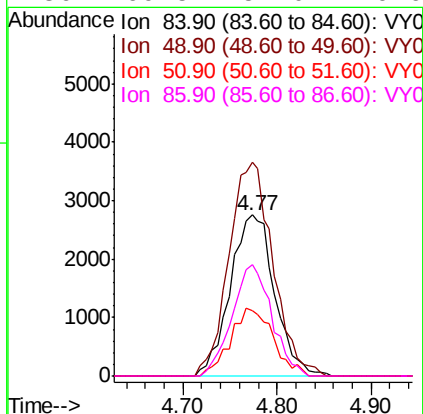
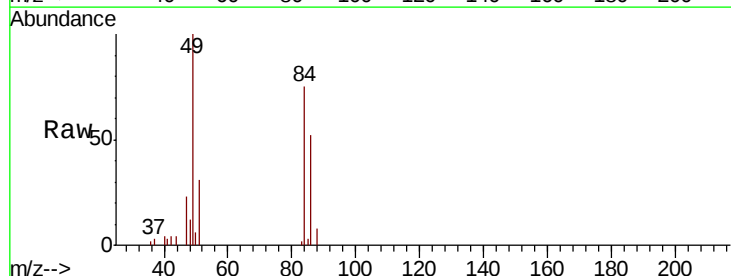
Instrument :
MSVOA_Y
ClientSampleId :

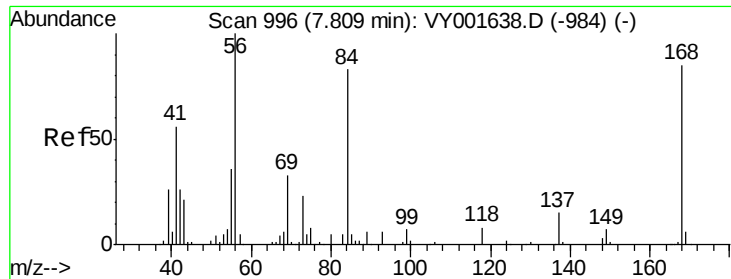
Tot Ion: 43 Resp: 1894
Ion Ratio Lower Upper
43 100
74 13.6 19.1 28.7#



#20
Methylene Chloride
Concen: 4.281 ug/l
RT: 4.77 min Scan# 498
Delta R.T. 0.02 min
Lab File: VY001756.D
Acq: 21 Feb 2020 20:16

Tgt Ion: 84 Resp: 9062
Ion Ratio Lower Upper
84 100
49 132.6 99.2 148.8
51 40.6 31.5 47.3
86 69.5 51.0 76.6

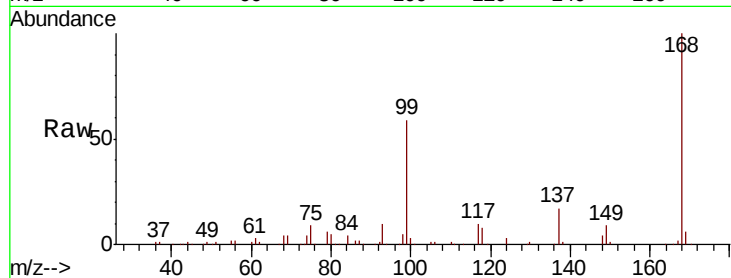




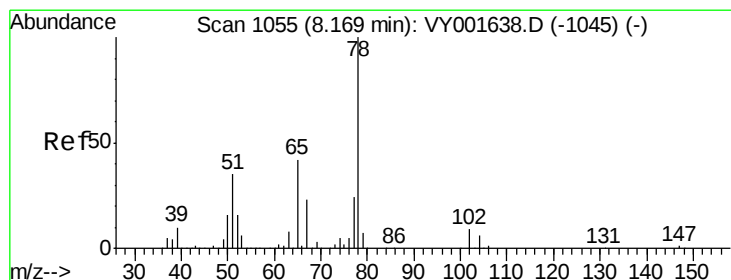
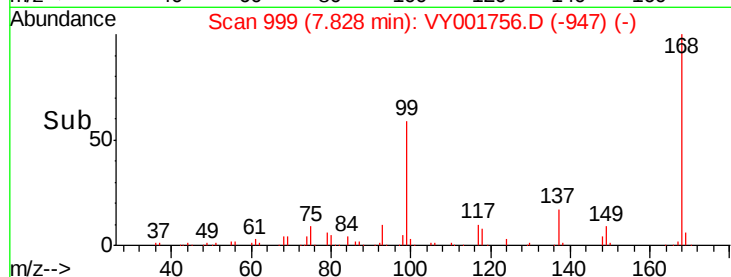
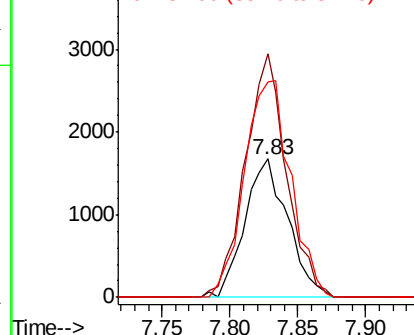
#31
Cyclohexane
Concen: 1.022 ug/l
RT: 7.83 min Scan# 999
Delta R.T. 0.02 min
Lab File: VY001756.D
Acq: 21 Feb 2020 20:16

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 3696
Ion Ratio Lower Upper
56 100
69 175.8 25.1 37.7#
84 155.4 66.9 100.3#

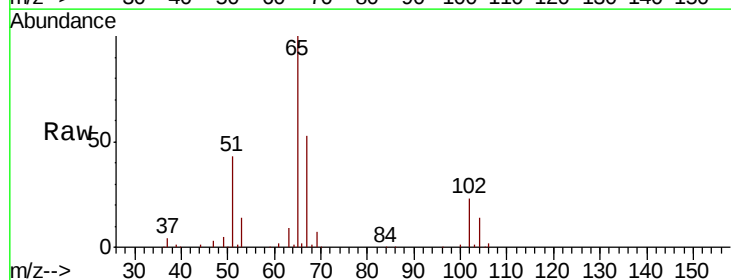


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

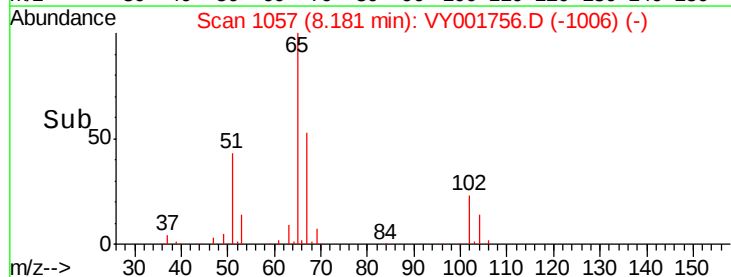
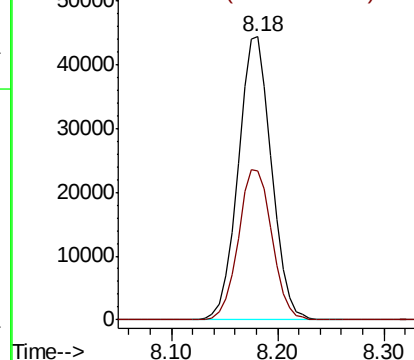


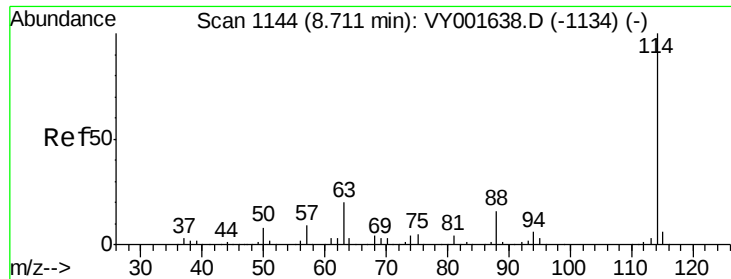
#33
1,2-Dichloroethane-d4
Concen: 56.436 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY001756.D
Acq: 21 Feb 2020 20:16

Tgt Ion: 65 Resp: 97193
Ion Ratio Lower Upper
65 100
67 53.8 0.0 111.0



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

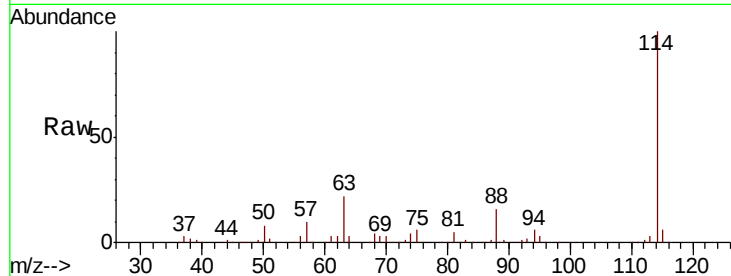




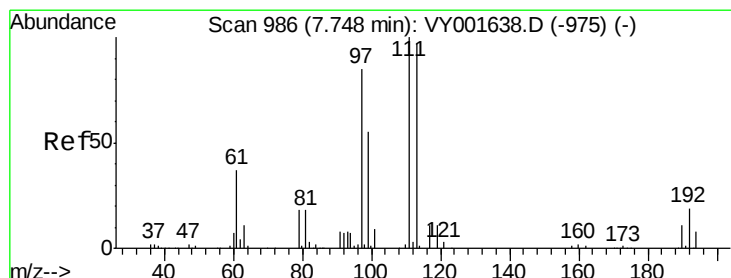
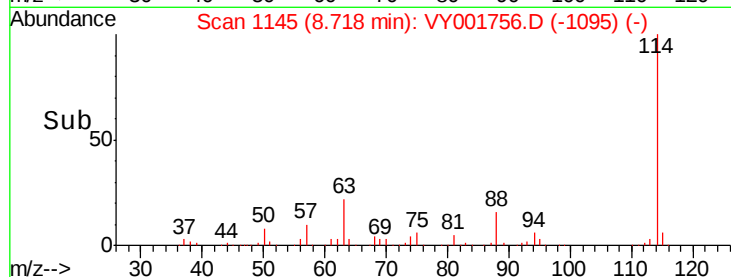
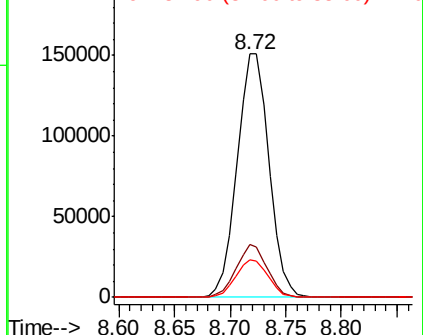
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001756.D
 Acq: 21 Feb 2020 20:16

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	41.4
88	15.6	0.0	32.8

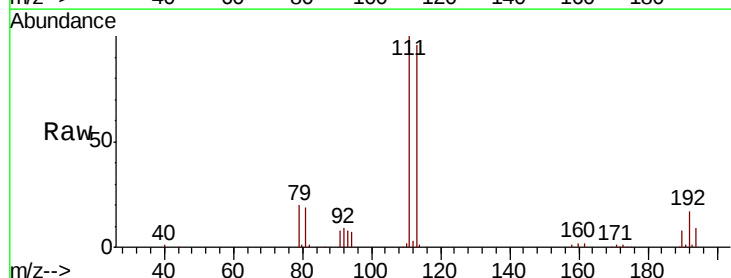


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

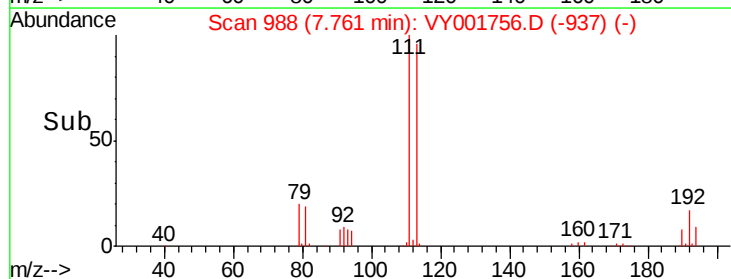
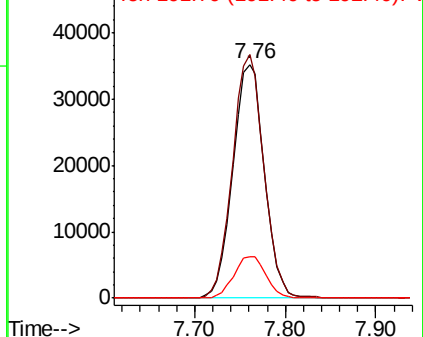


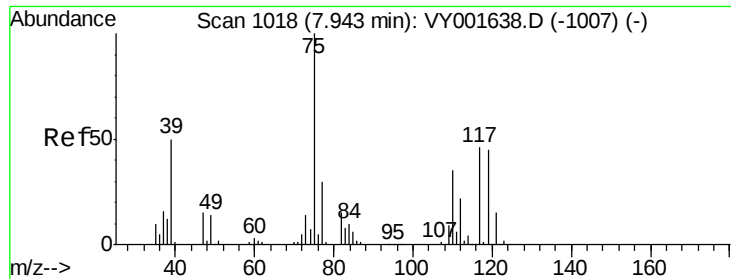
#35
 Dibromofluoromethane
 Concen: 49.411 ug/l
 RT: 7.76 min Scan# 988
 Delta R.T. 0.01 min
 Lab File: VY001756.D
 Acq: 21 Feb 2020 20:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.9	122.9
192	18.1	14.3	21.5



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

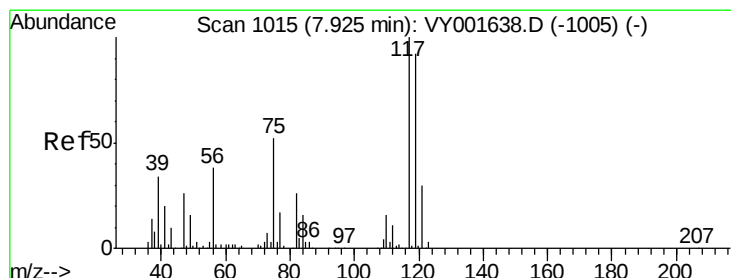
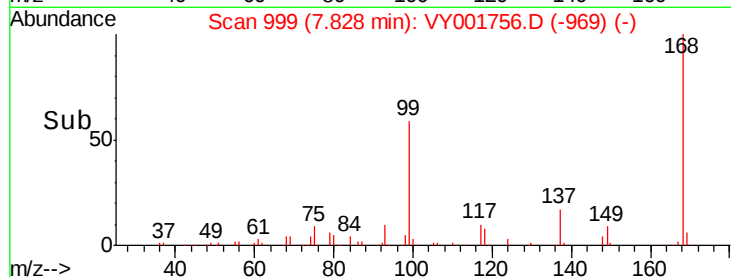
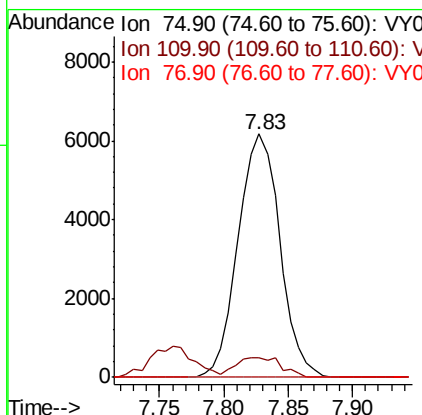
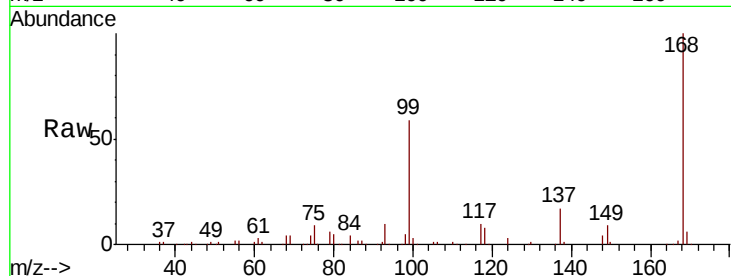




#36
 1,1-Dichloropropene
 Concen: 4.852 ug/l
 RT: 7.83 min Scan# 999
 Delta R.T. -0.12 min
 Lab File: VY001756.D
 Acq: 21 Feb 2020 20:16

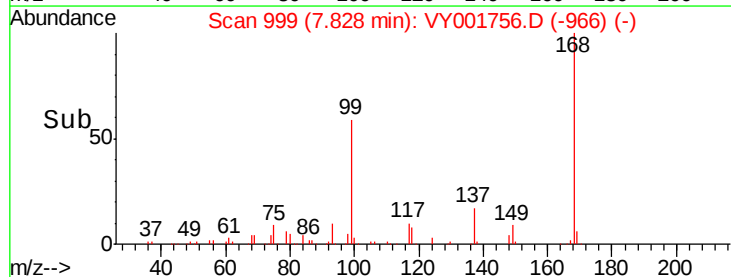
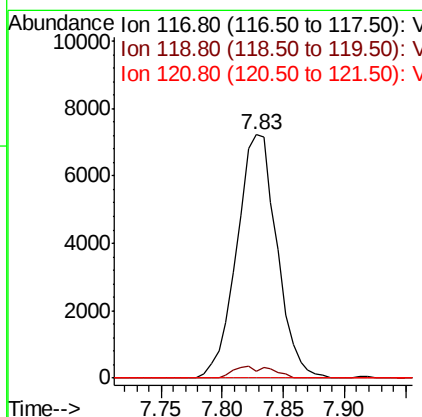
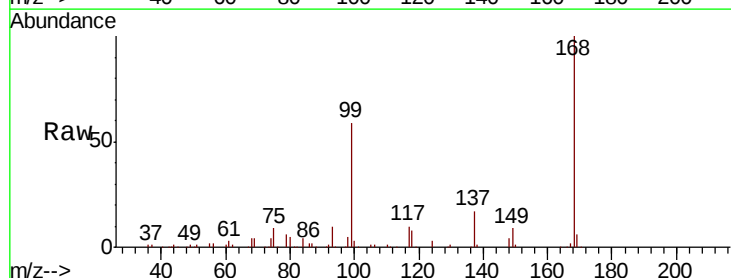
Instrument :
 MSVOA_Y
 ClientSampleId :

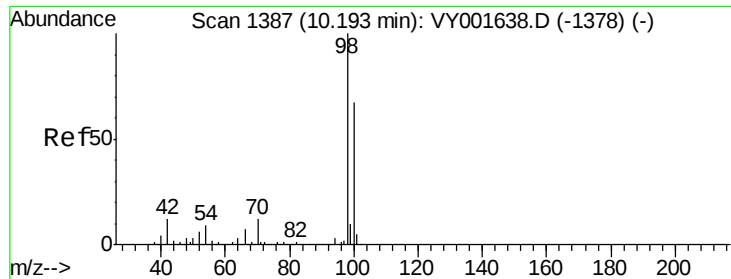
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.2	51.6#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.541 ug/l
 RT: 7.83 min Scan# 999
 Delta R.T. -0.10 min
 Lab File: VY001756.D
 Acq: 21 Feb 2020 20:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.0	74.8	112.2#
121	0.0	23.8	35.6#





#50

Toluene-d8

Concen: 53.713 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001756.D

Acq: 21 Feb 2020 20:16

Instrument :

MSVOA_Y

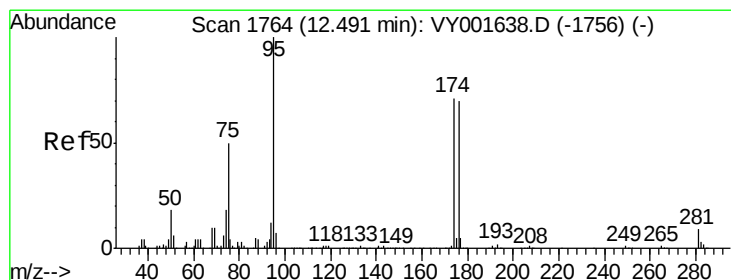
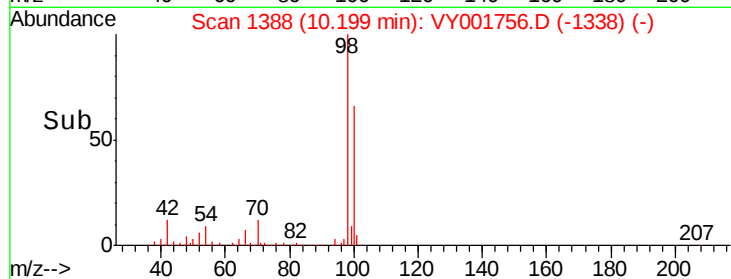
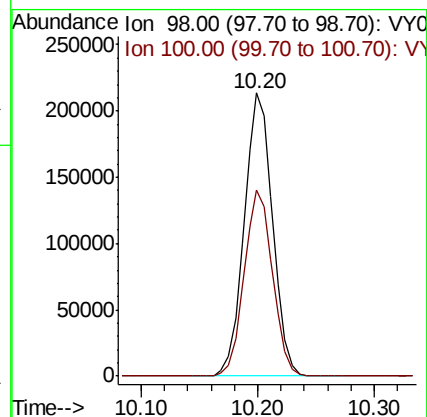
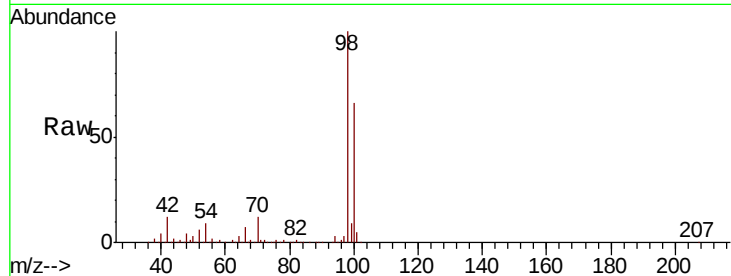
ClientSampleId :

Tot Ion: 98 Resp: 361621

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 47.589 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001756.D

Acq: 21 Feb 2020 20:16

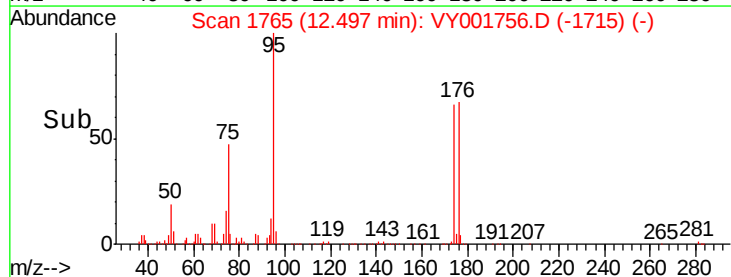
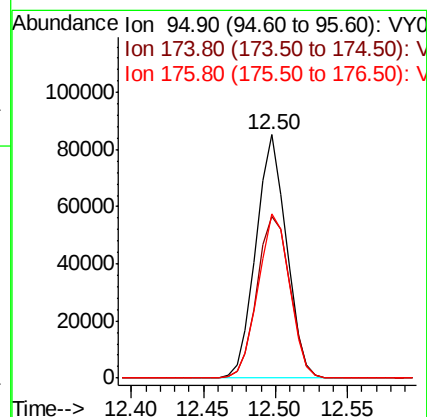
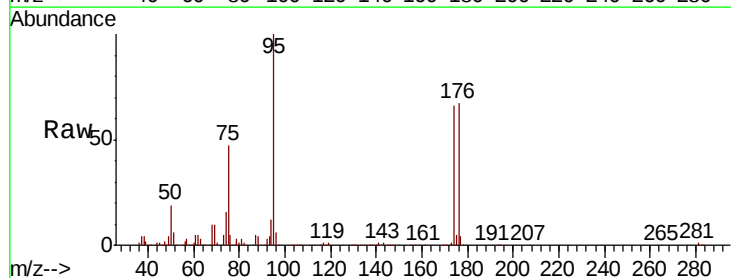
Tgt Ion: 95 Resp: 124467

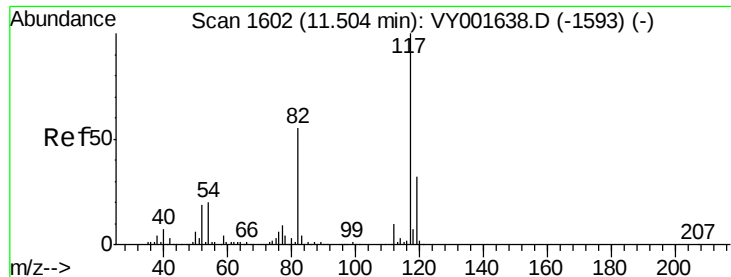
Ion Ratio Lower Upper

95 100

174 71.7 0.0 138.4

176 69.9 0.0 131.8

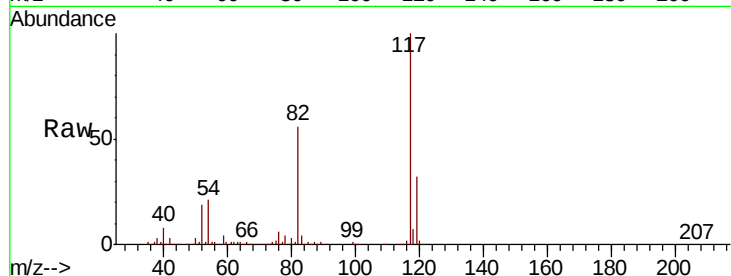




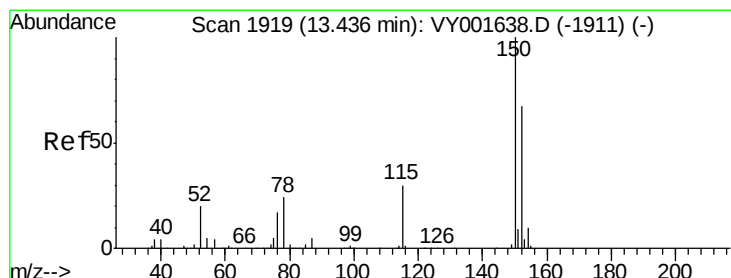
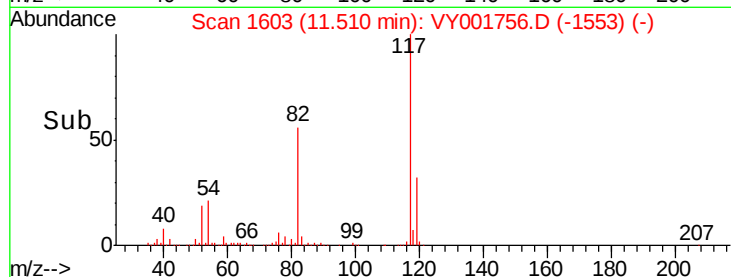
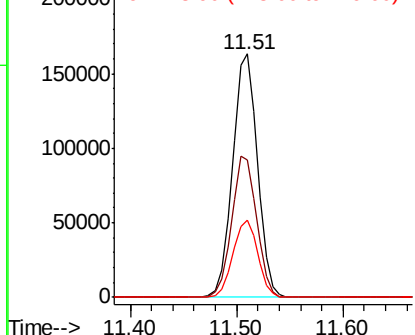
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001756.D
Acq: 21 Feb 2020 20:16

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.5	68.3
119	31.6	25.8	38.6

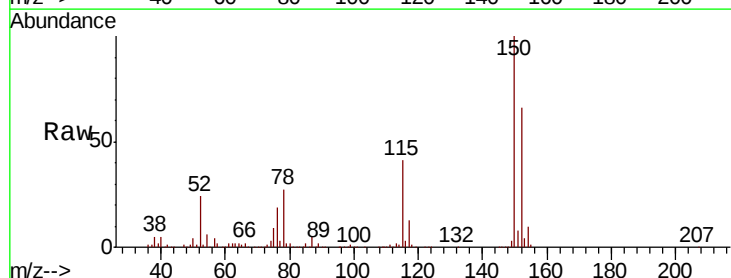


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

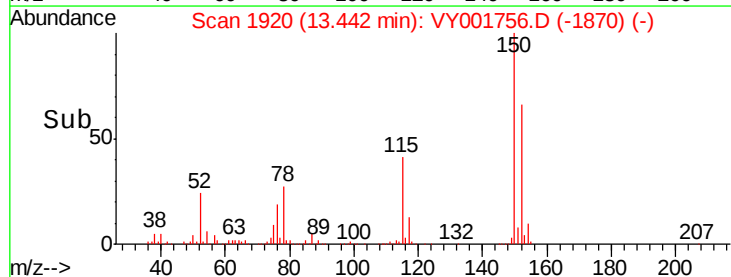
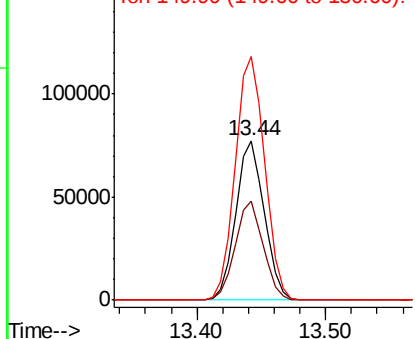


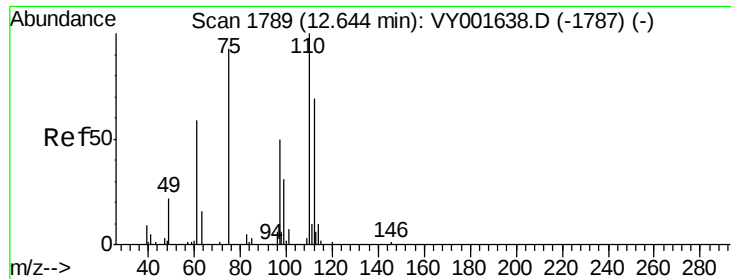
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001756.D
Acq: 21 Feb 2020 20:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.7	31.4	94.2
150	158.6	0.0	407.2



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: 46.378 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. -0.15 min

Lab File: VY001756.D

Acq: 21 Feb 2020 20:16

Instrument :

MSVOA_Y

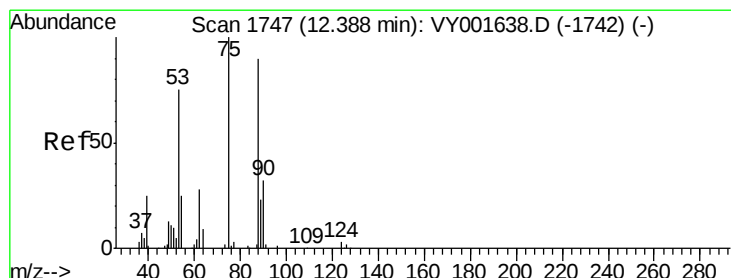
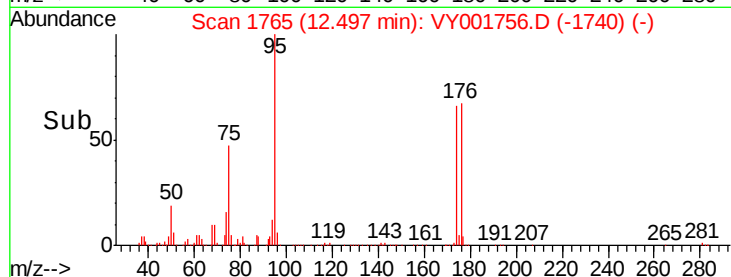
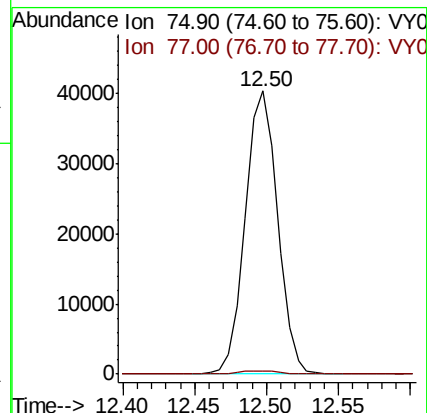
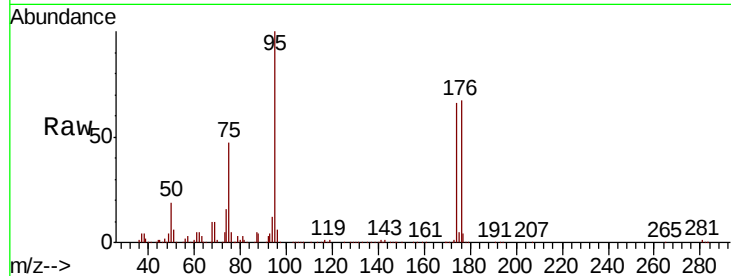
ClientSampleId :

Tot Ion: 75 Resp: 62772

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 87.988 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.11 min

Lab File: VY001756.D

Acq: 21 Feb 2020 20:16

Tgt Ion: 75 Resp: 62772

Ion Ratio Lower Upper

75 100

53 0.1 64.5 96.7#

89 0.1 36.3 54.5#

