

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
 Data File : VY001541.D
 Acq On : 06 Feb 2020 19:10
 Operator : SY/MD
 Sample : L1421-01
 Misc : 5.31G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 07 04:09:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

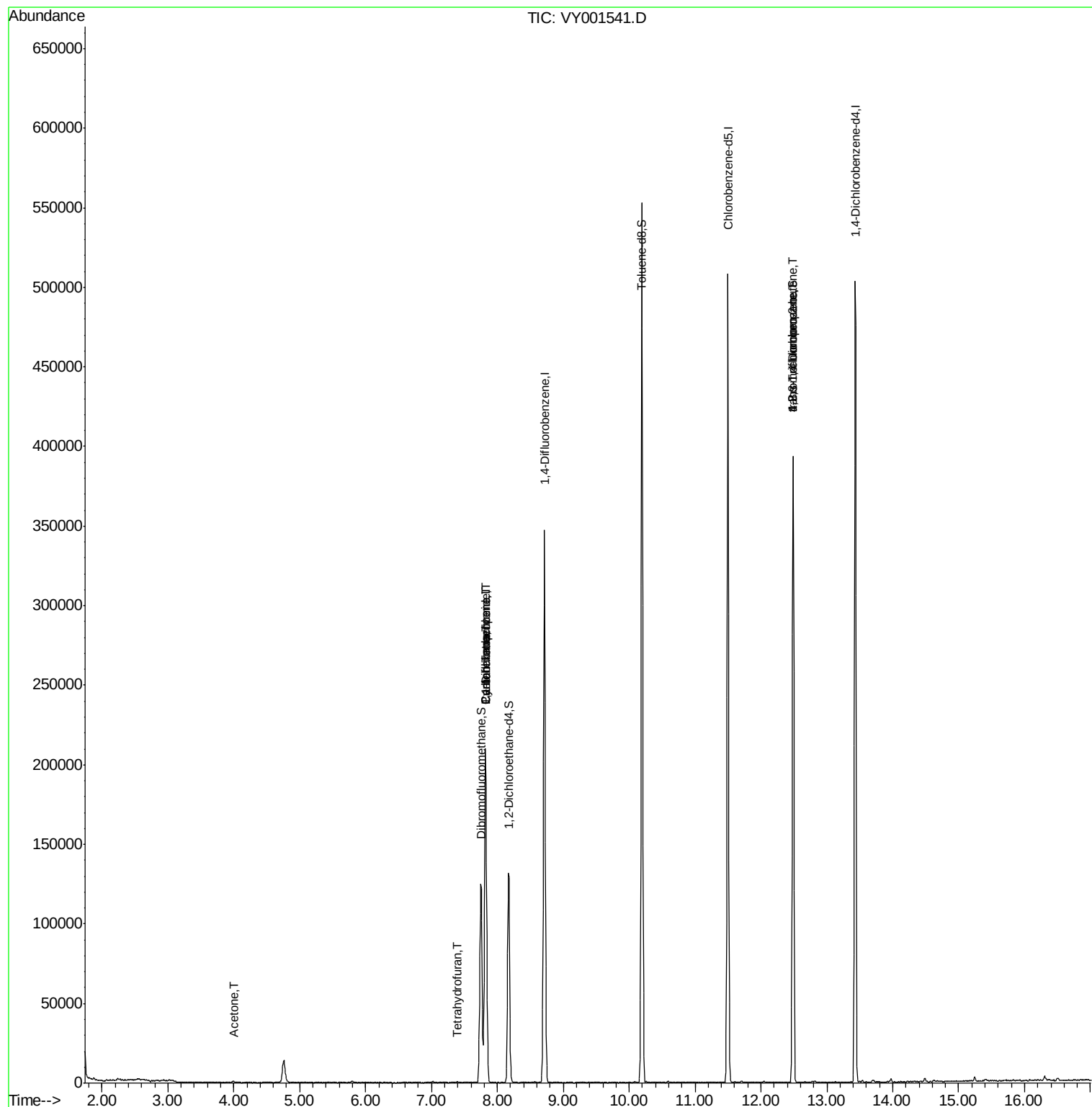
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	160606	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	297244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	271939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	126280	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	98406	60.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.70%	
35) Dibromofluoromethane	7.75	113	88207	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
50) Toluene-d8	10.19	98	353601	54.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.06%	
62) 4-Bromofluorobenzene	12.49	95	129902	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.00	59	94	Below Cal	#	76
16) Acetone	4.00	43	1441	3.081	ug/l	89
29) Tetrahydrofuran	7.38	42	446	1.226	ug/l #	75
31) Cyclohexane	7.82	56	3601	1.144	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	12916	4.750	ug/l #	48
38) Carbon Tetrachloride	7.82	117	16001	6.082	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	64961	47.835	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	64961	92.559	ug/l #	16

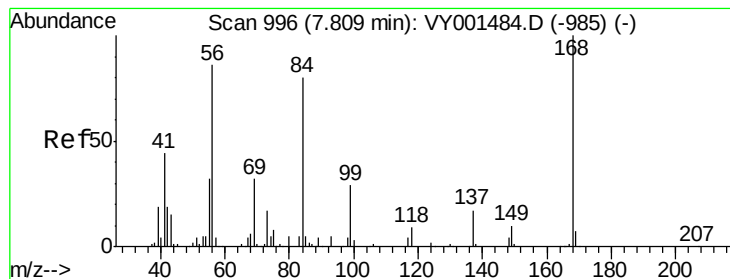
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001541.D

Acq: 06 Feb 2020 19:10

Instrument :

MSVOA_Y

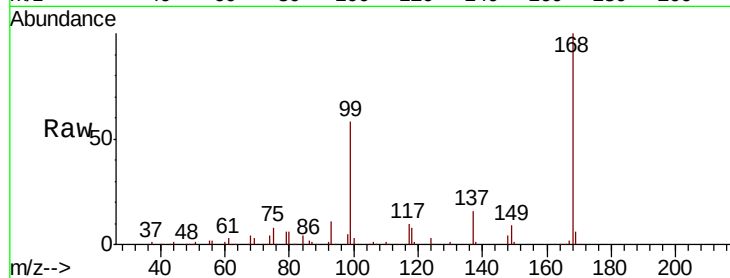
ClientSampleId :

Tot Ion:168 Resp: 160606

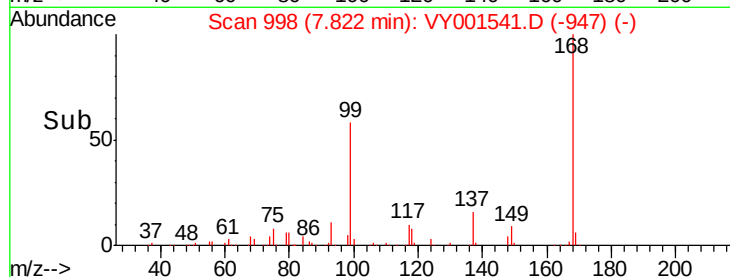
Ion Ratio Lower Upper

168 100

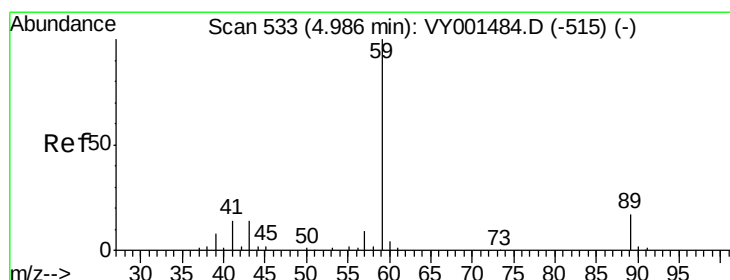
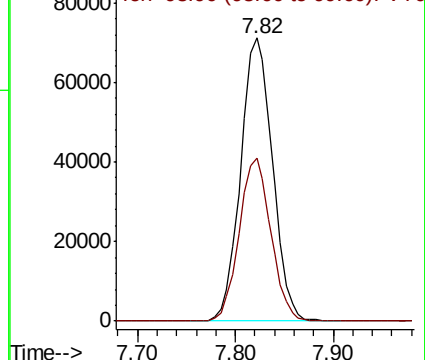
99 57.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001541.D (-947) (-)



Ion 98.90 (98.60 to 99.60): VY001541.D (-947) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.00 min Scan# 535

Delta R.T. 0.01 min

Lab File: VY001541.D

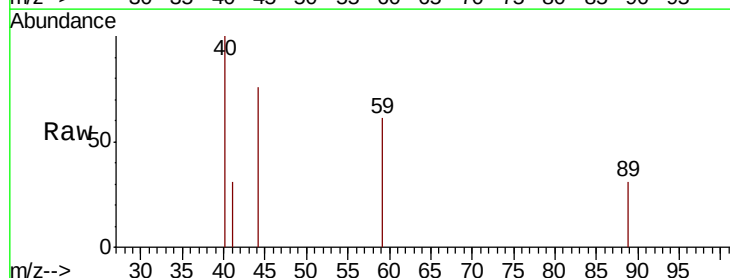
Acq: 06 Feb 2020 19:10

Tgt Ion: 59 Resp: 94

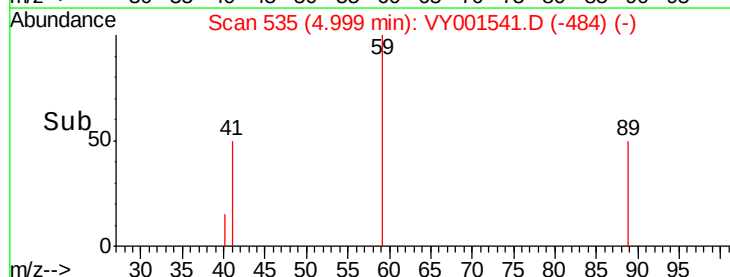
Ion Ratio Lower Upper

59 100

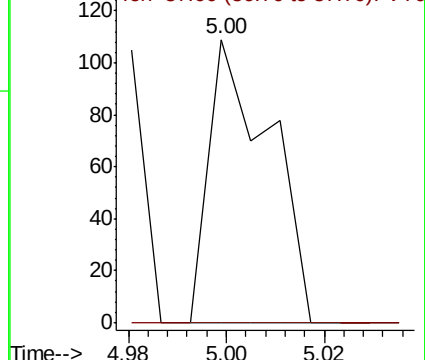
57 0.0 7.0 10.6#

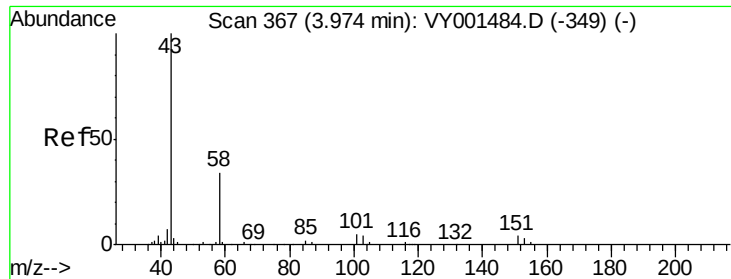


Abundance Ion 59.00 (58.70 to 59.70): VY001541.D (-484) (-)



Ion 57.00 (56.70 to 57.70): VY001541.D (-484) (-)

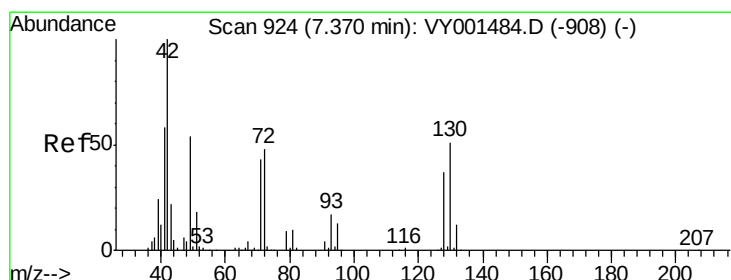
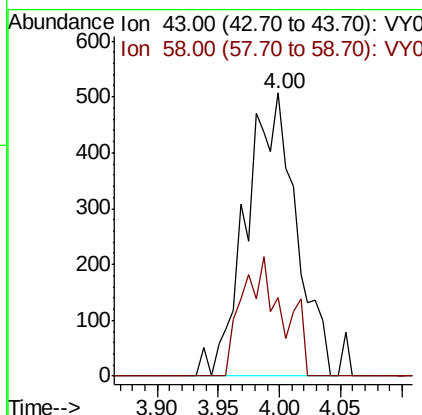
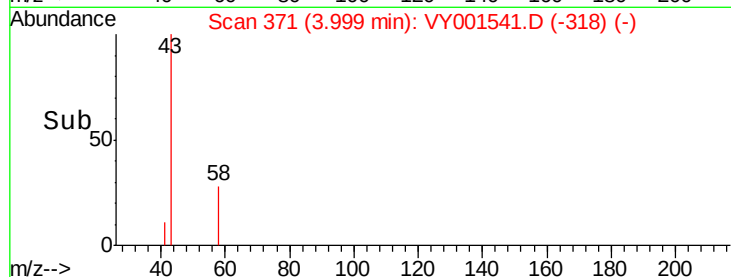
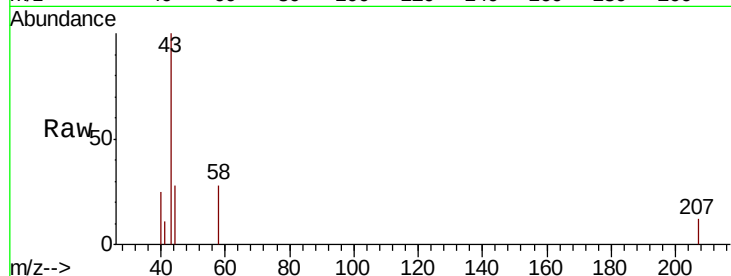




#16
Acetone
Concen: 3.081 ug/l
RT: 4.00 min Scan# 371
Delta R.T. 0.02 min
Lab File: VY001541.D
Acq: 06 Feb 2020 19:10

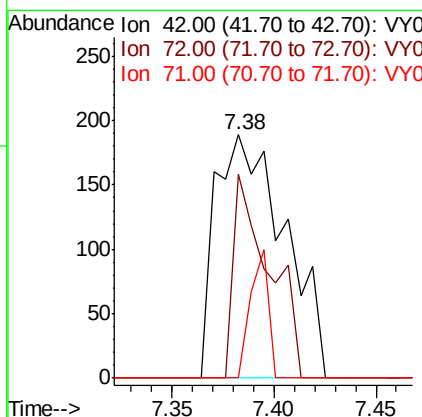
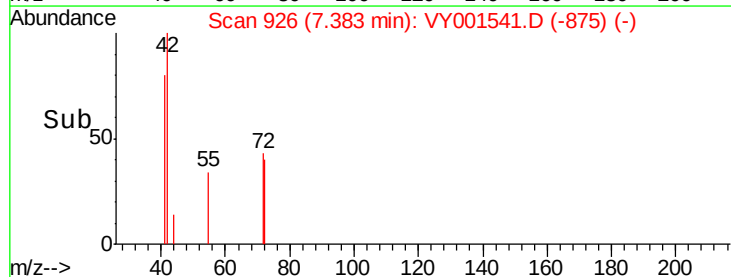
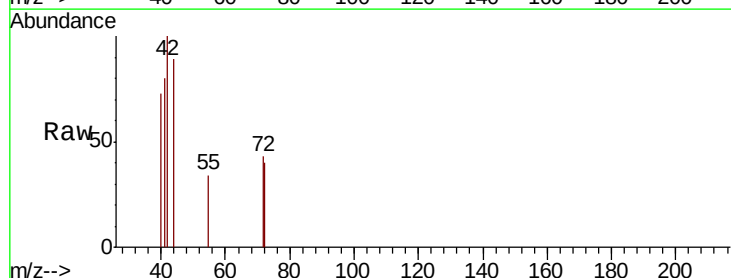
Instrument :
MSVOA_Y
ClientSampleId :

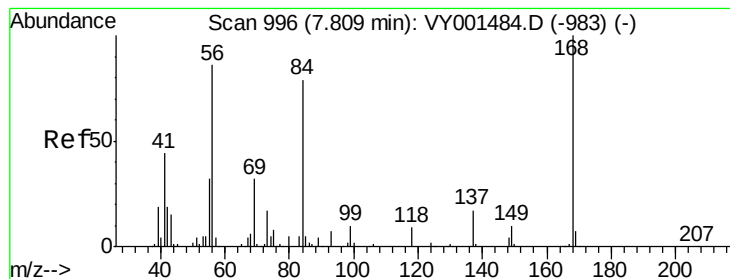
Tot Ion: 43 Resp: 1441
Ion Ratio Lower Upper
43 100
58 27.8 27.5 41.3



#29
Tetrahydrofuran
Concen: 1.226 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.01 min
Lab File: VY001541.D
Acq: 06 Feb 2020 19:10

Tgt Ion: 42 Resp: 446
Ion Ratio Lower Upper
42 100
72 43.0 37.8 56.6
71 13.7 34.8 52.2#





#31

Cyclohexane

Concen: 1.144 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001541.D

Acq: 06 Feb 2020 19:10

Instrument :

MSVOA_Y

ClientSampleId :

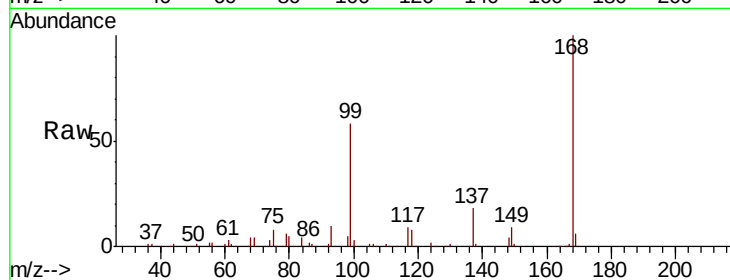
Tot Ion: 56 Resp: 3601

Ion Ratio Lower Upper

56 100

69 149.8 29.6 44.4#

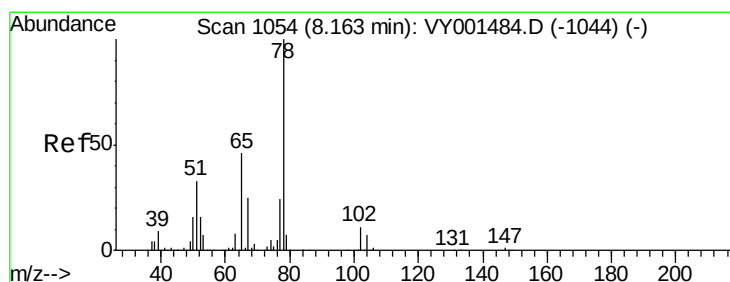
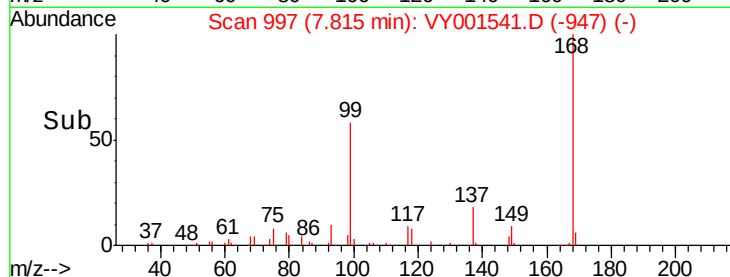
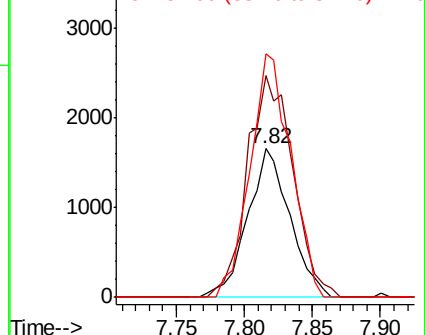
84 164.1 73.6 110.4#



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: 60.855 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001541.D

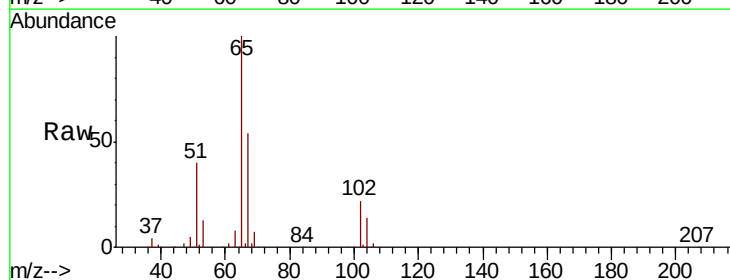
Acq: 06 Feb 2020 19:10

Tgt Ion: 65 Resp: 98406

Ion Ratio Lower Upper

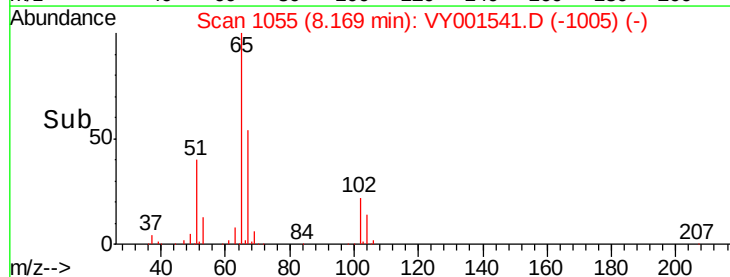
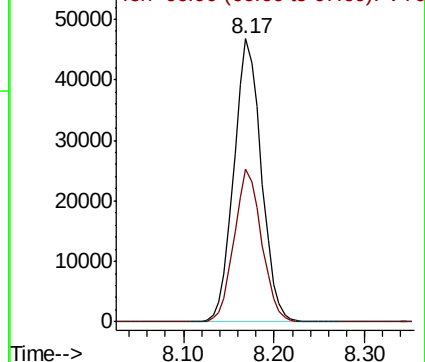
65 100

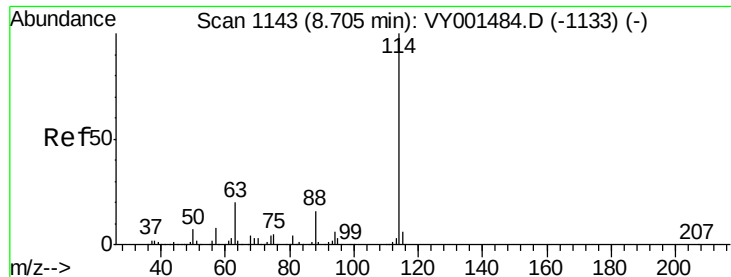
67 53.8 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

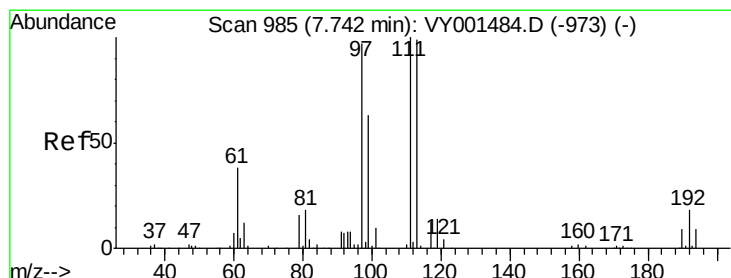
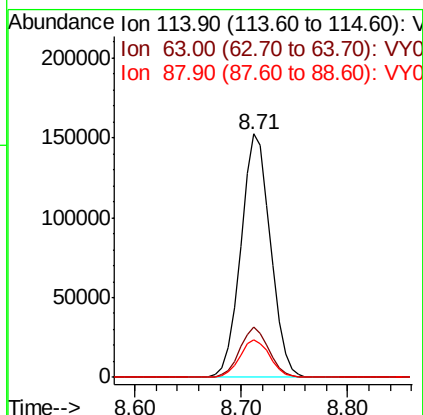
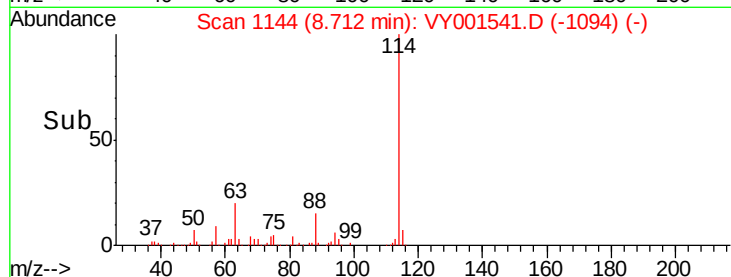
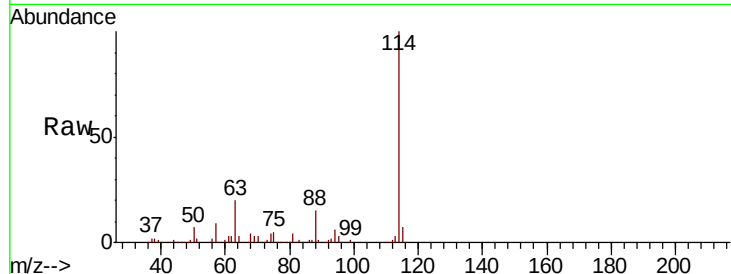




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY001541.D
 Acq: 06 Feb 2020 19:10

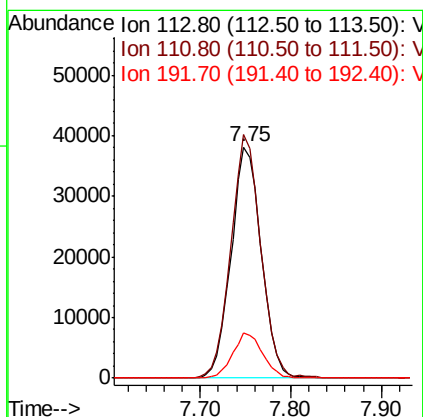
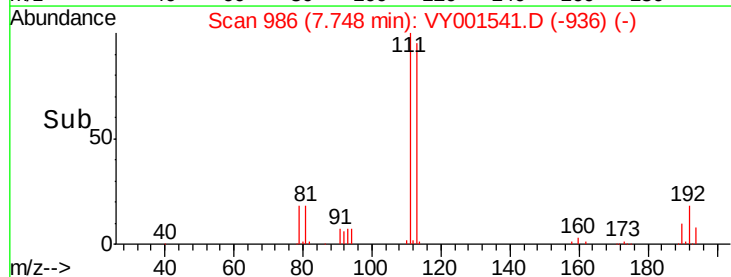
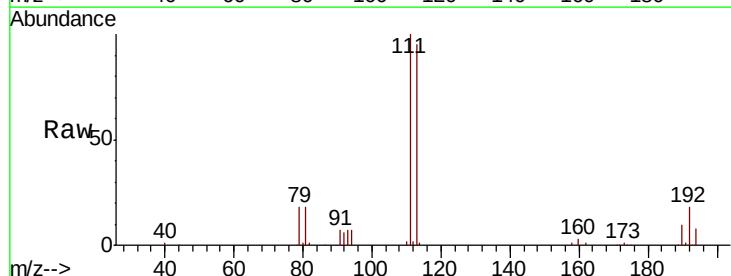
Instrument :
 MSVOA_Y
 ClientSampleId :

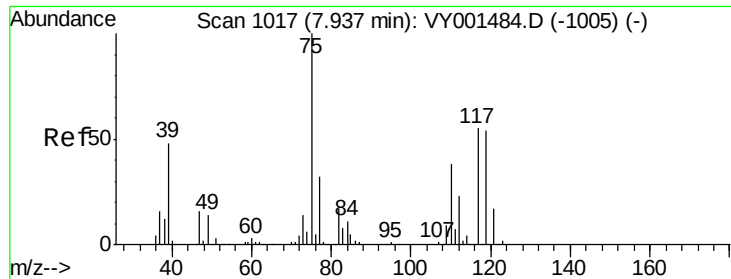
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.8
88	15.5	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 51.461 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY001541.D
 Acq: 06 Feb 2020 19:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.9	124.3
192	19.3	14.6	22.0

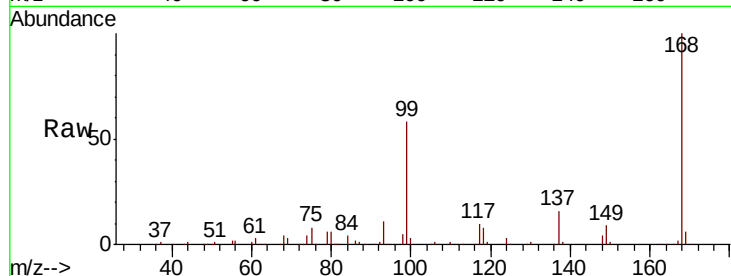




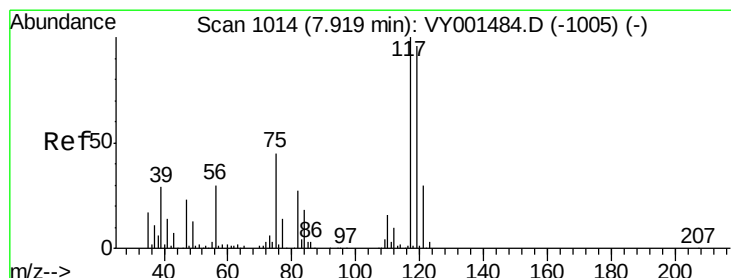
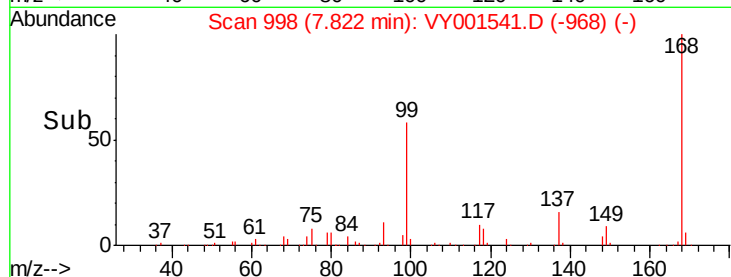
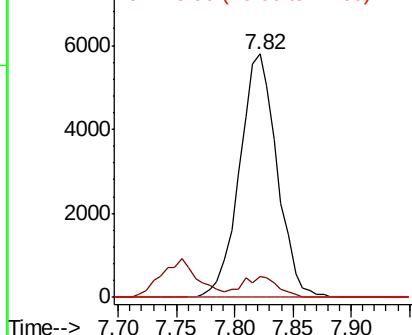
#36
 1,1-Dichloropropene
 Concen: 4.750 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.12 min
 Lab File: VY001541.D
 Acq: 06 Feb 2020 19:10

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	75	Resp	12916
Ion Ratio	Lower	Upper	
75	100		
110	8.2	18.2	54.6#
77	0.0	25.0	37.4#

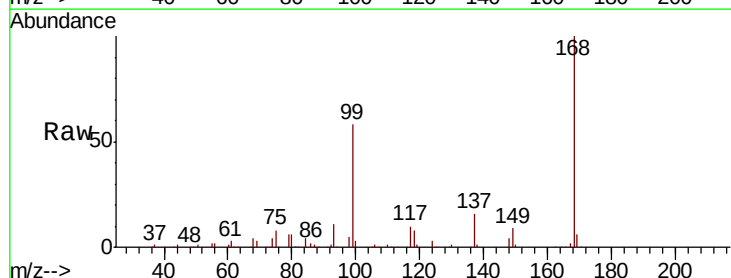


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0

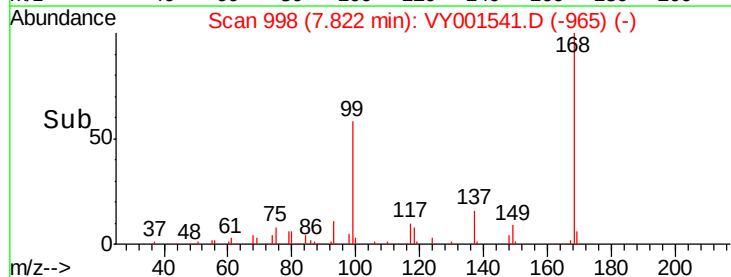
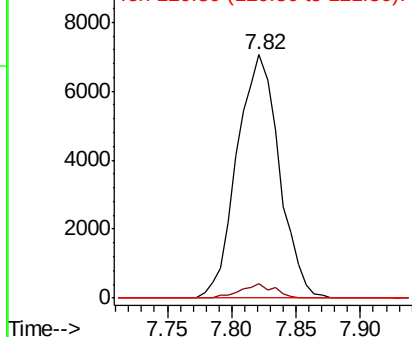


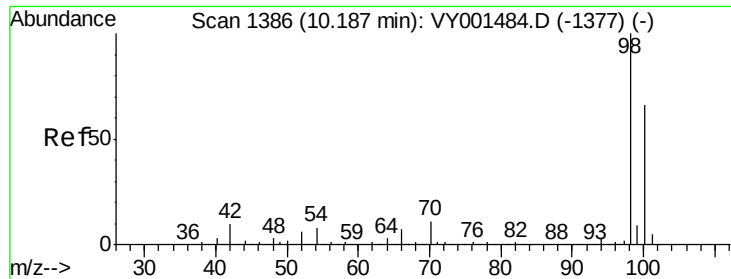
#38
 Carbon Tetrachloride
 Concen: 6.082 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.10 min
 Lab File: VY001541.D
 Acq: 06 Feb 2020 19:10

Tgt Ion	117	Resp	16001
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
117	100		
119	5.7	76.4	114.6#
121	0.0	24.2	36.4#



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: 54.526 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001541.D

Acq: 06 Feb 2020 19:10

Instrument :

MSVOA_Y

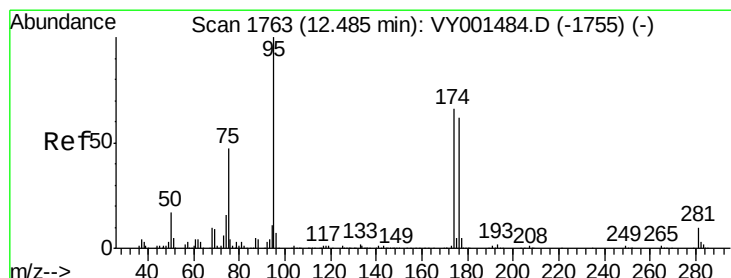
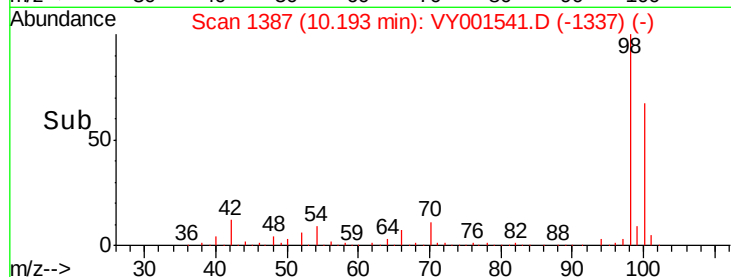
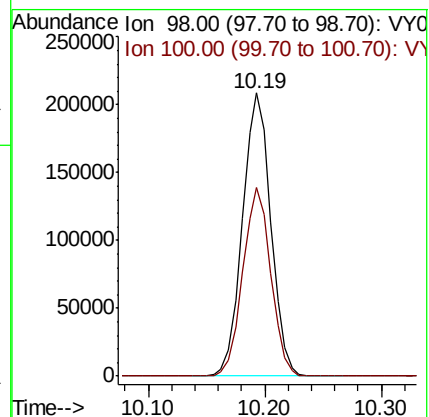
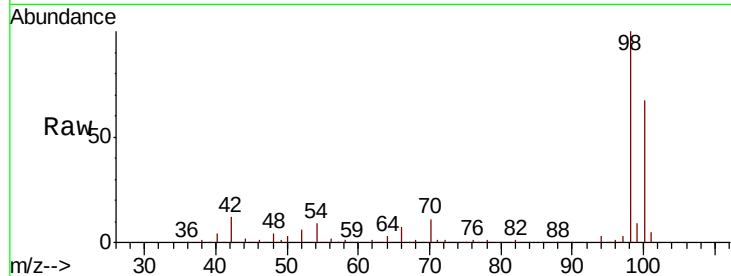
ClientSampleId :

Tot Ion: 98 Resp: 353601

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 50.847 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY001541.D

Acq: 06 Feb 2020 19:10

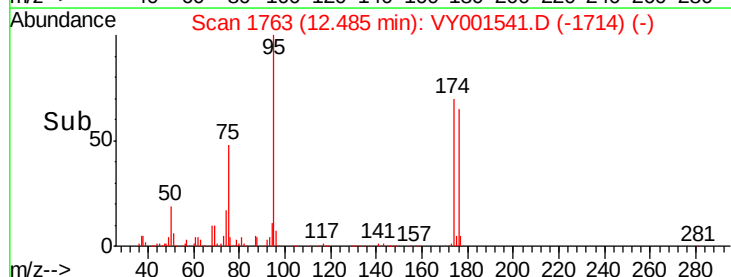
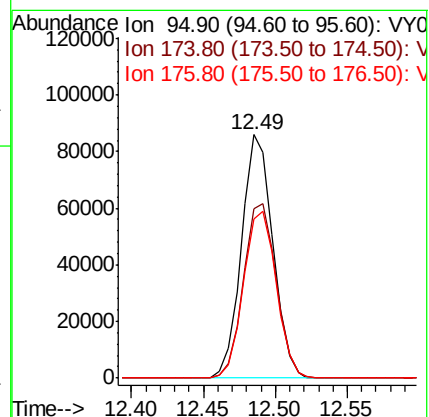
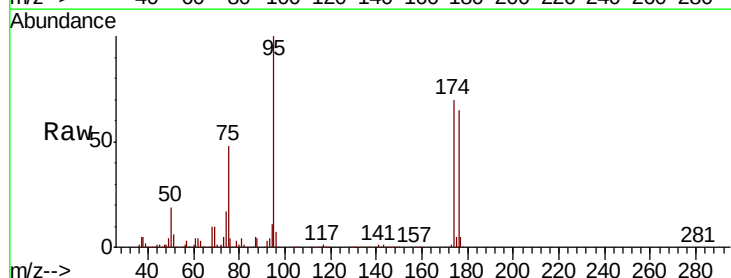
Tgt Ion: 95 Resp: 129902

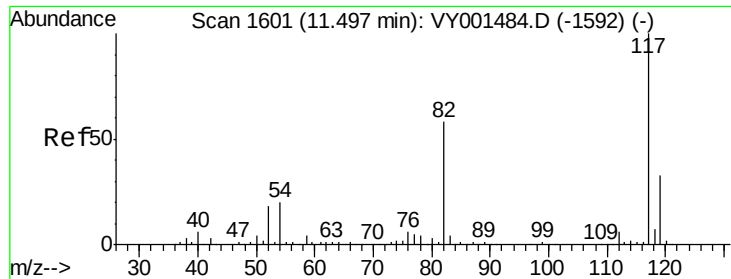
Ion Ratio Lower Upper

95 100

174 74.9 0.0 141.4

176 71.6 0.0 135.4

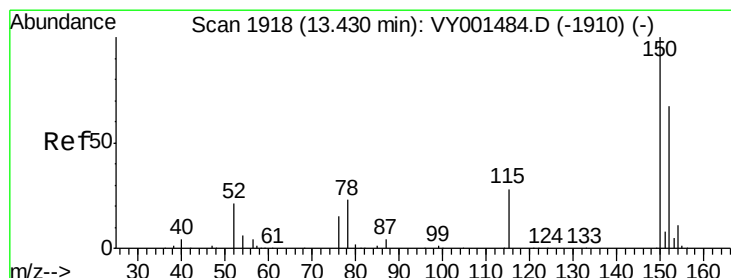
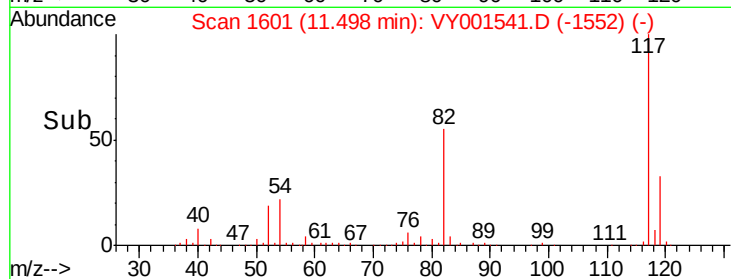
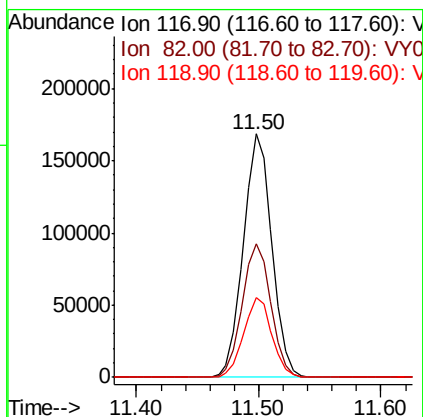
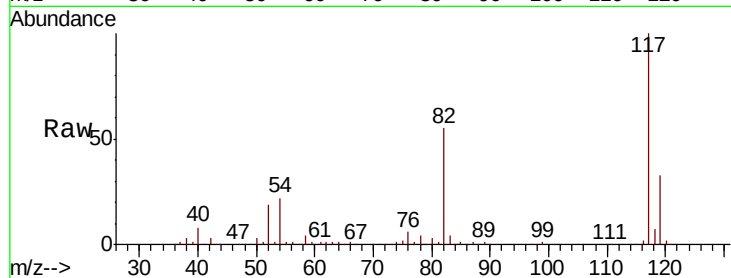




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001541.D
Acq: 06 Feb 2020 19:10

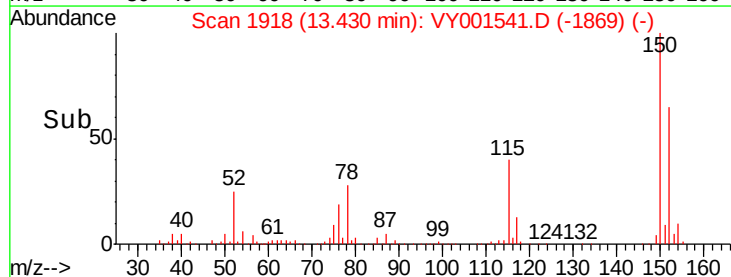
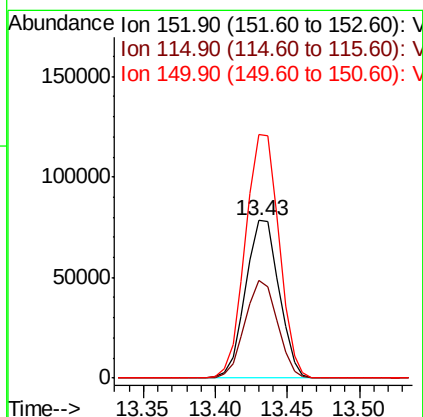
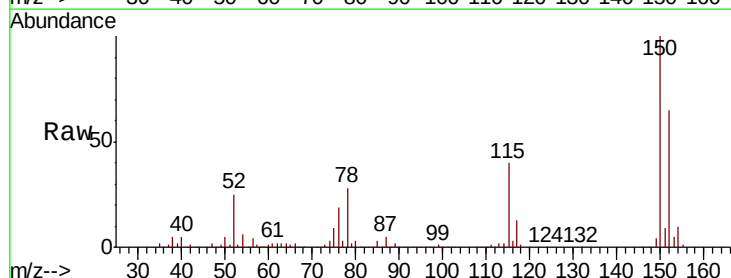
Instrument :
MSVOA_Y
ClientSampleId :

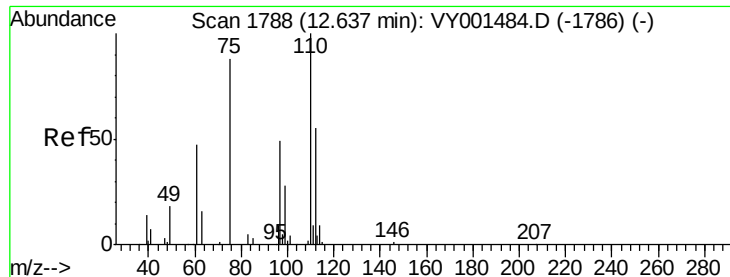
Tot Ion:117 Resp: 271939
Ion Ratio Lower Upper
117 100
82 54.9 46.1 69.1
119 32.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY001541.D
Acq: 06 Feb 2020 19:10

Tgt Ion:152 Resp: 126280
Ion Ratio Lower Upper
152 100
115 60.3 31.4 94.3
150 155.1 0.0 346.8





#76

1,2,3-Trichloropropane

Concen: 47.835 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY001541.D

Acq: 06 Feb 2020 19:10

Instrument :

MSVOA_Y

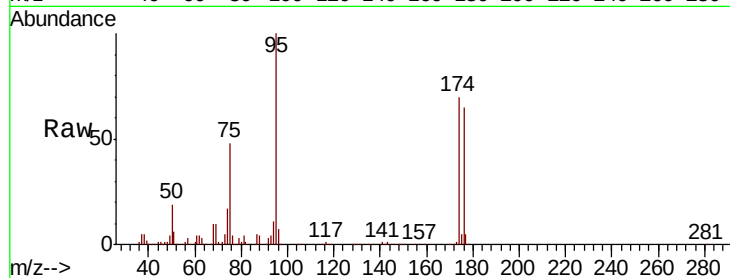
ClientSampleId :

Tot Ion: 75 Resp: 64961

Ion Ratio Lower Upper

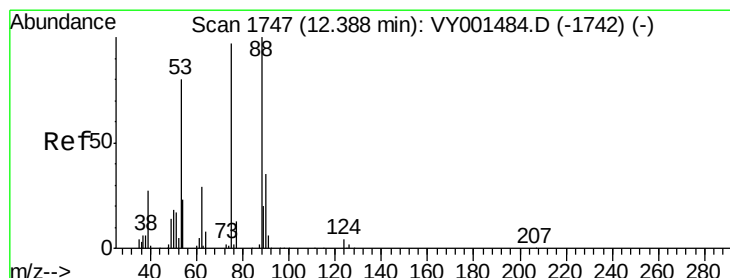
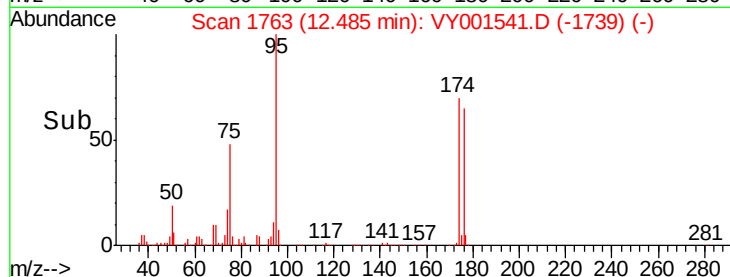
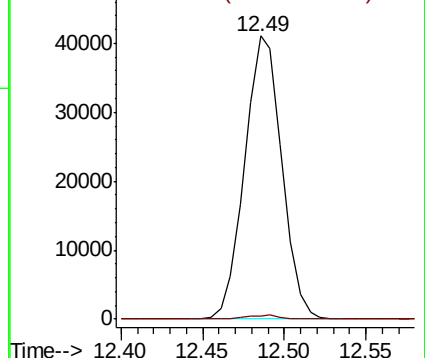
75 100

77 1.2 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: 92.559 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY001541.D

Acq: 06 Feb 2020 19:10

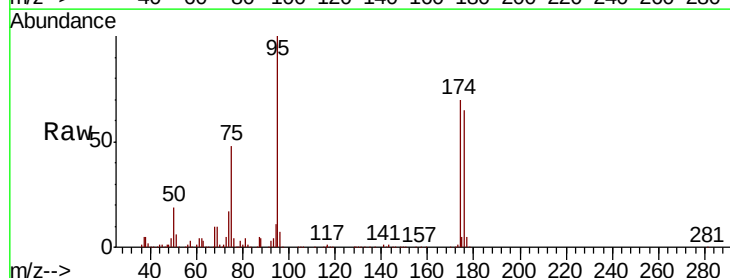
Tgt Ion: 75 Resp: 64961

Ion Ratio Lower Upper

75 100

53 0.0 67.7 101.5#

89 0.1 34.6 52.0#



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

