

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001306.D
 Acq On : 20 Jan 2020 19:13
 Operator : SY/MD
 Sample : L1210-03
 Misc : 7.21G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 21 07:04:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 06:54:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	183437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	328229	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	299158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	146464	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	106841	55.15	ug/l	0.00
Spiked Amount			Recovery	=	110.30%	
35) Dibromofluoromethane	7.74	113	98827	51.42	ug/l	-0.01
Spiked Amount			Recovery	=	102.84%	
50) Toluene-d8	10.20	98	387978	52.39	ug/l	0.00
Spiked Amount			Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.49	95	148052	48.90	ug/l	0.00
Spiked Amount			Recovery	=	97.80%	

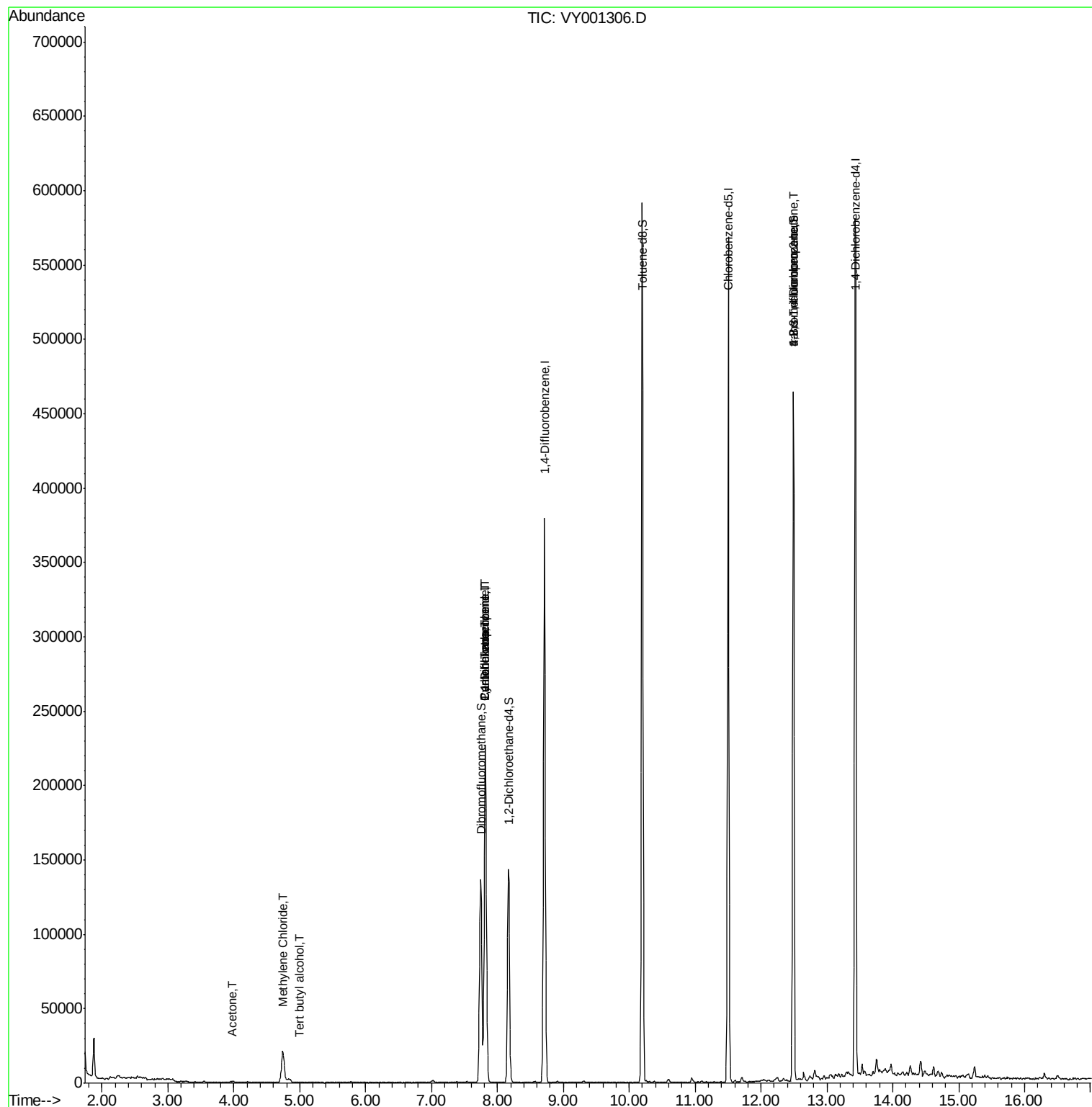
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	626	3.211	ug/l #	73
16) Acetone	3.97	43	1760	3.912	ug/l #	85
20) Methylene Chloride	4.75	84	15556	2.131	ug/l	95
31) Cyclohexane	7.81	56	4119	1.099	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	14427	4.823	ug/l #	48
38) Carbon Tetrachloride	7.82	117	17292	6.307	ug/l #	15
76) 1,2,3-Trichloropropane	12.49	75	73279	46.737	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	73279	79.255	ug/l #	6

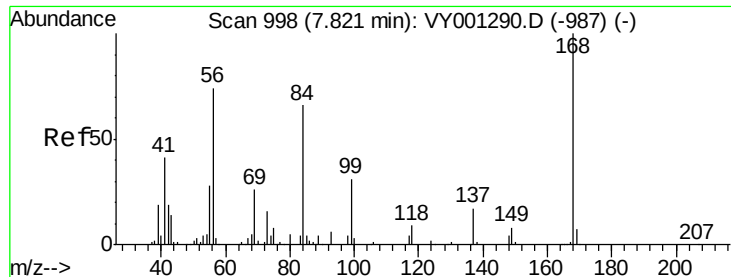
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
Data File : VY001306.D
Acq On : 20 Jan 2020 19:13
Operator : SY/MD
Sample : L1210-03
Misc : 7.21G/5ML/MSVOA Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 21 07:04:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 21 06:54:04 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.00 min

Lab File: VY001306.D

Acq: 20 Jan 2020 19:13

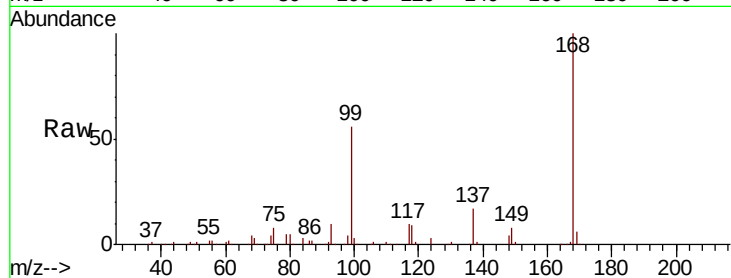
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 183437

Ion Ratio Lower Upper

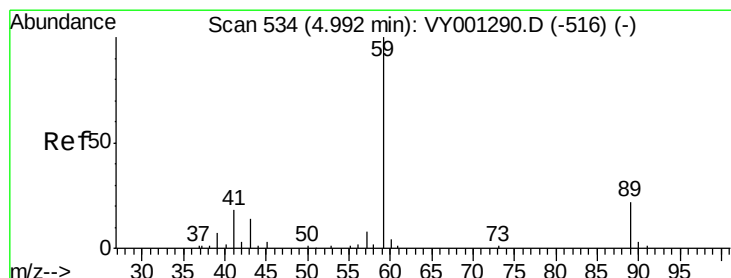
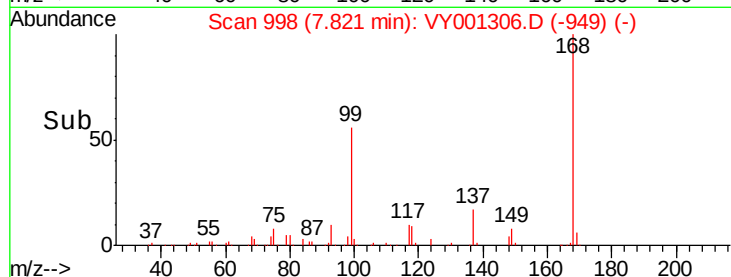
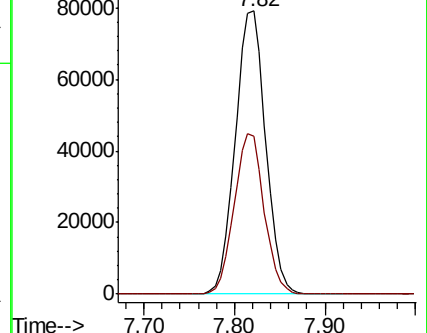
168 100

99 55.8 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001290.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001290.D (-987) (-)



#11

Tert butyl alcohol

Concen: 3.211 ug/l

RT: 4.99 min Scan# 534

Delta R.T. -0.00 min

Lab File: VY001306.D

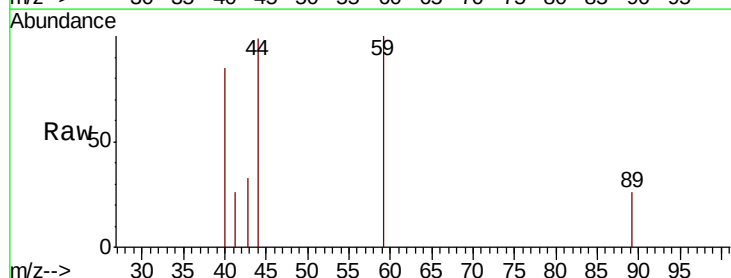
Acq: 20 Jan 2020 19:13

Tgt Ion: 59 Resp: 626

Ion Ratio Lower Upper

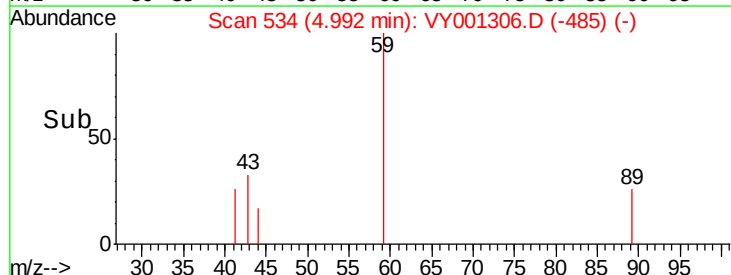
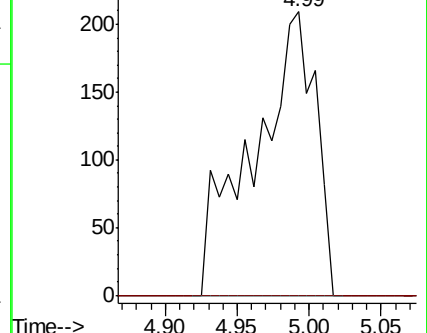
59 100

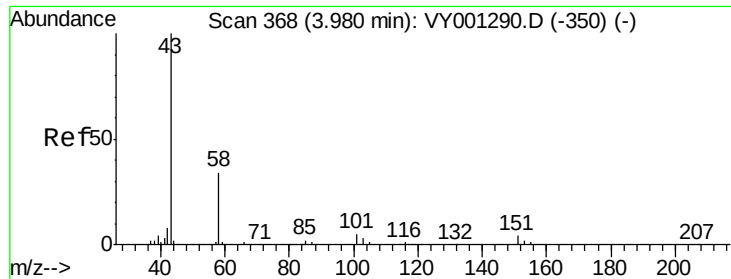
57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VY001290.D (-516) (-)

Ion 57.00 (56.70 to 57.70): VY001290.D (-516) (-)

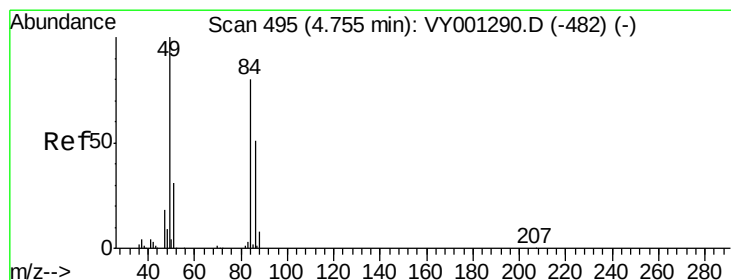
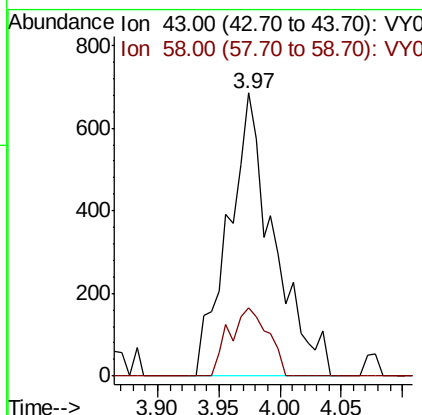
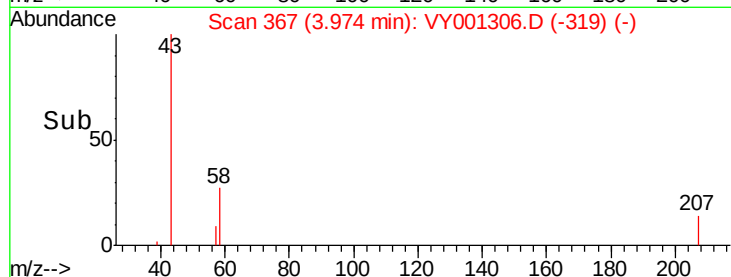
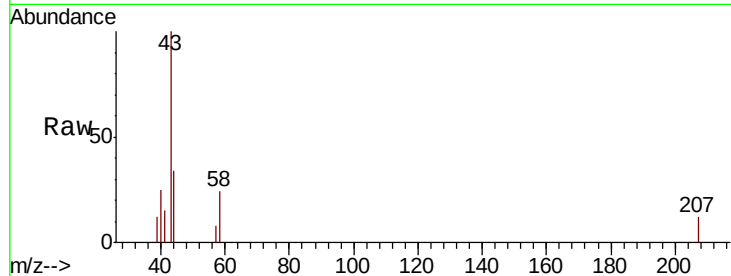




#16
Acetone
Concen: 3.912 ug/l
RT: 3.97 min Scan# 367
Delta R.T. -0.01 min
Lab File: VY001306.D
Acq: 20 Jan 2020 19:13

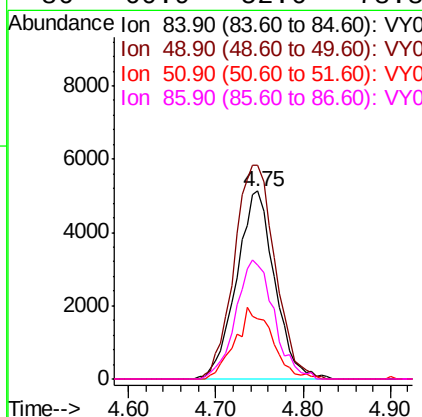
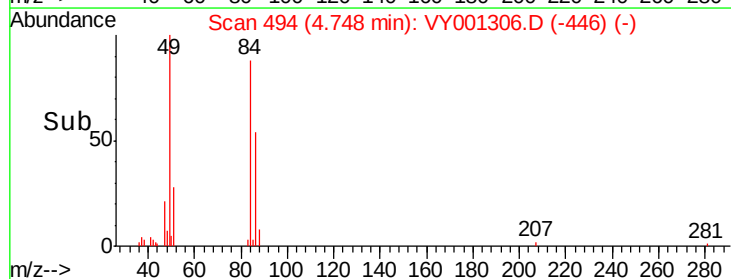
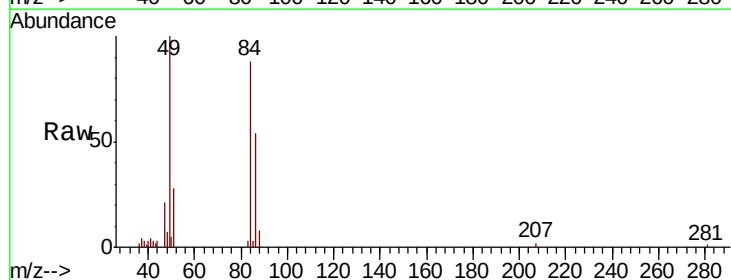
Instrument :
MSVOA_Y
ClientSampleId :

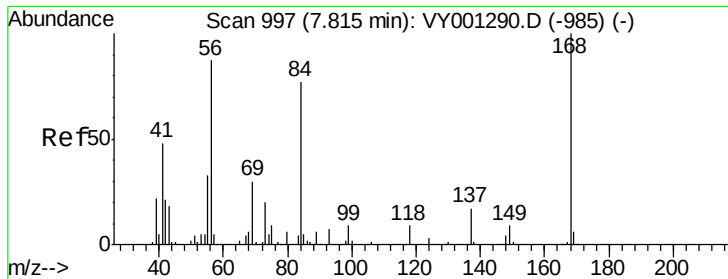
Tot Ion: 43 Resp: 1760
Ion Ratio Lower Upper
43 100
58 24.1 25.8 38.6#



#20
Methylene Chloride
Concen: 2.131 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY001306.D
Acq: 20 Jan 2020 19:13

Tgt Ion: 84 Resp: 15556
Ion Ratio Lower Upper
84 100
49 113.8 93.8 140.6
51 32.0 29.9 44.9
86 60.9 52.6 78.8

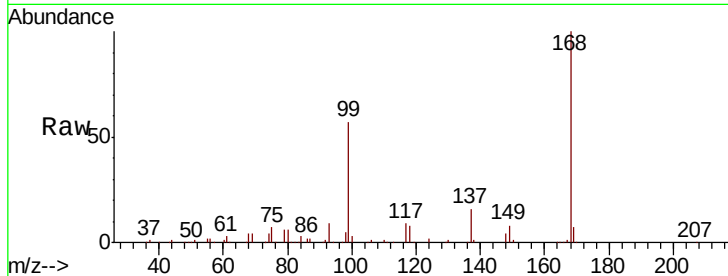




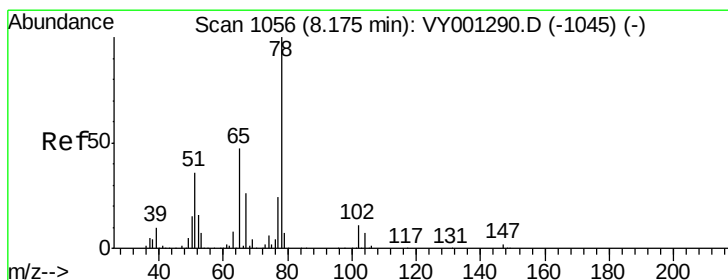
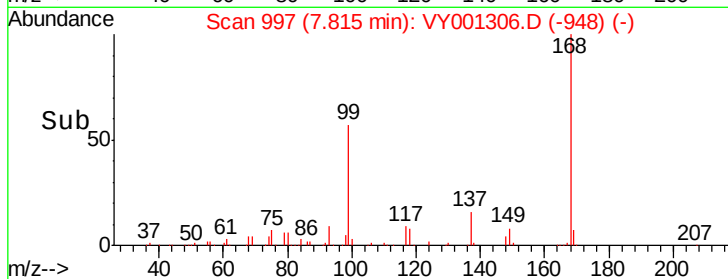
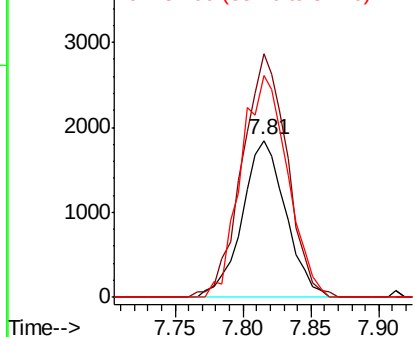
#31
Cyclohexane
Concen: 1.099 ug/l
RT: 7.81 min Scan# 997
Delta R.T. -0.00 min
Lab File: VY001306.D
Acq: 20 Jan 2020 19:13

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 4119
Ion Ratio Lower Upper
56 100
69 155.2 27.8 41.8#
84 141.5 68.9 103.3#

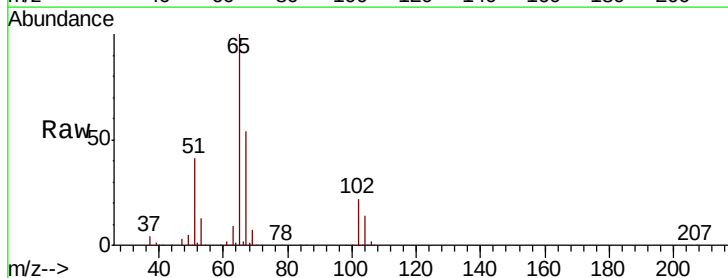


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

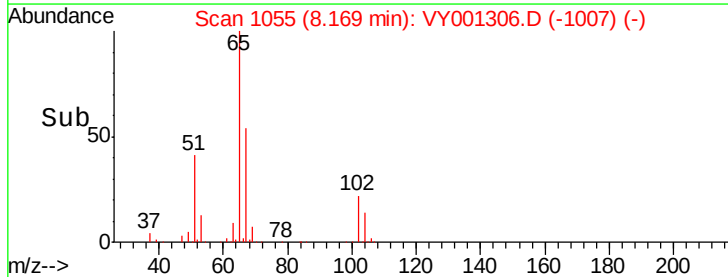
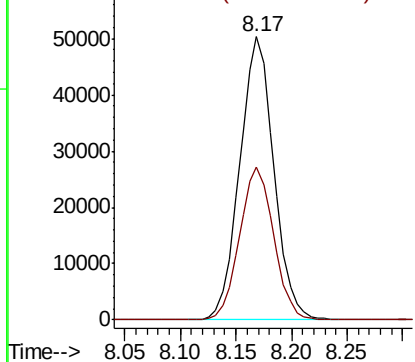


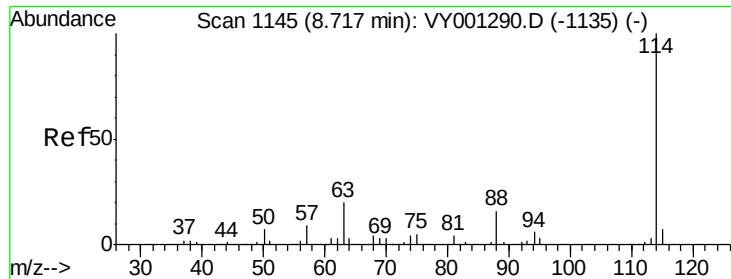
#33
1,2-Dichloroethane-d4
Concen: 55.146 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY001306.D
Acq: 20 Jan 2020 19:13

Tgt Ion: 65 Resp: 106841
Ion Ratio Lower Upper
65 100
67 54.2 0.0 105.2



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

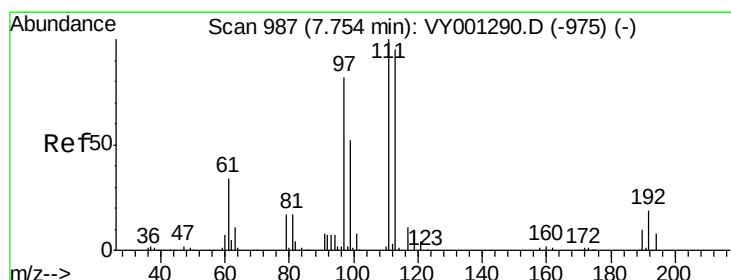
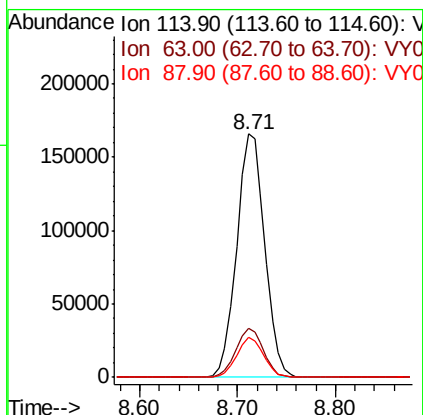
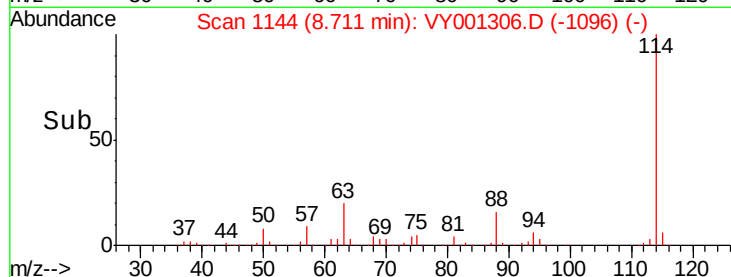
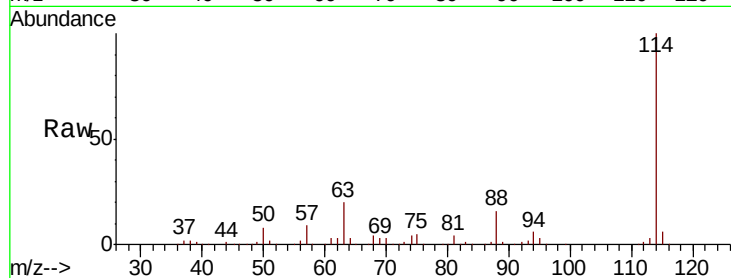




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. -0.01 min
Lab File: VY001306.D
Acq: 20 Jan 2020 19:13

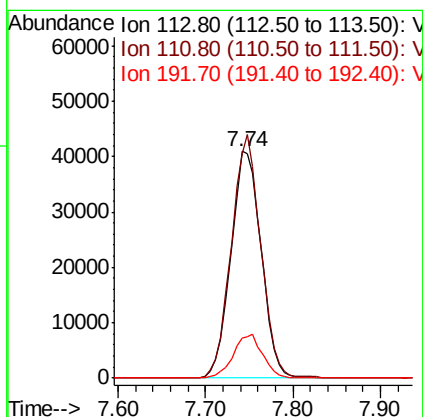
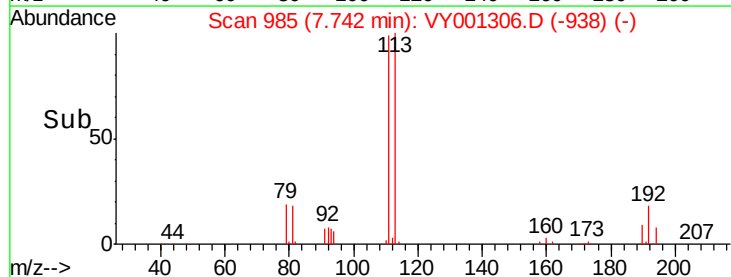
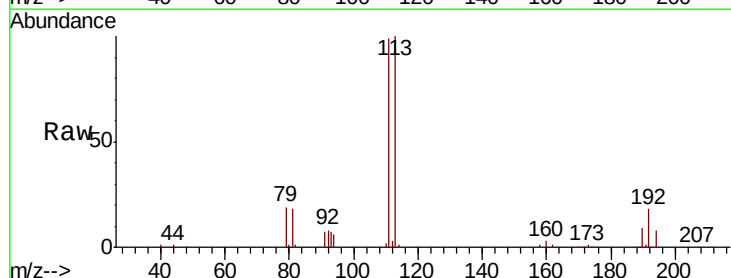
Instrument :
MSVOA_Y
ClientSampleId :

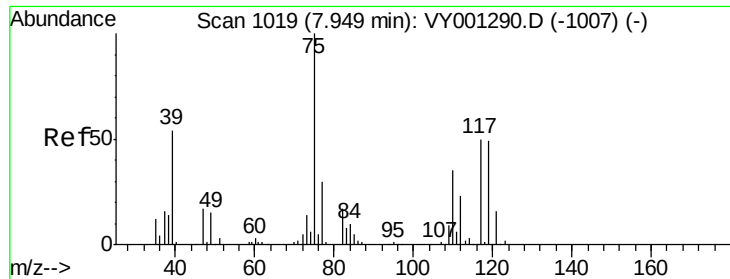
Tot Ion:114 Resp: 328229
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 16.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.425 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001306.D
Acq: 20 Jan 2020 19:13

Tgt Ion:113 Resp: 98827
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 18.6 15.4 23.2

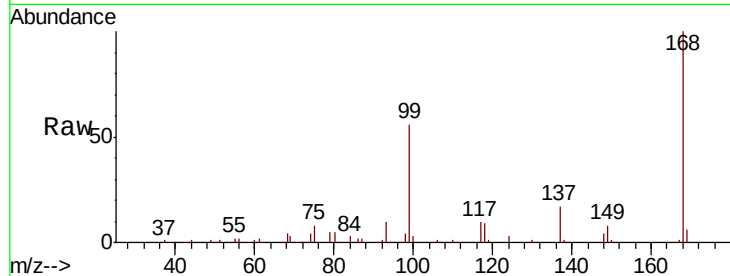




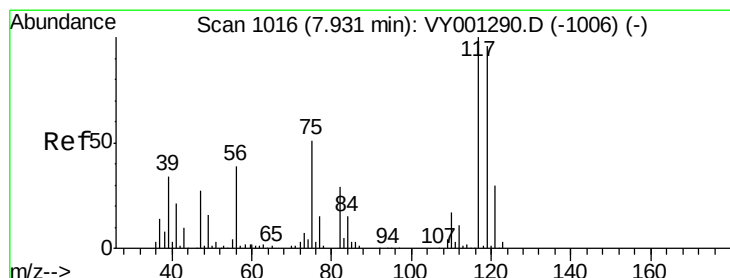
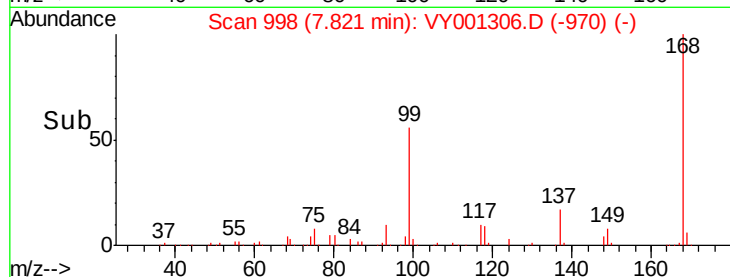
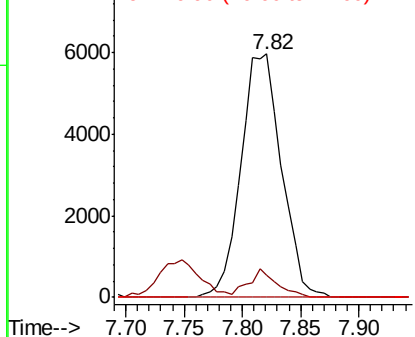
#36
 1,1-Dichloropropene
 Concen: 4.823 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.13 min
 Lab File: VY001306.D
 Acq: 20 Jan 2020 19:13

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	75	Resp	14427
Ion Ratio	100	Lower	Upper
75	100		
110	8.2	18.3	54.8#
77	0.0	25.1	37.7#

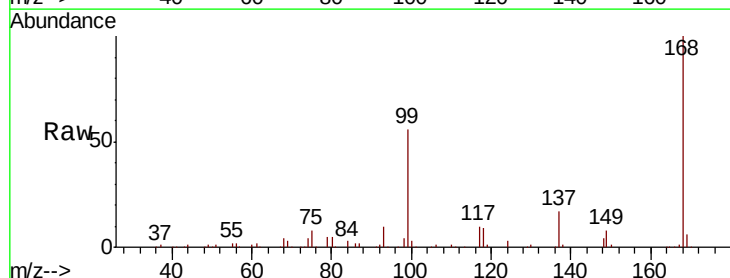


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0

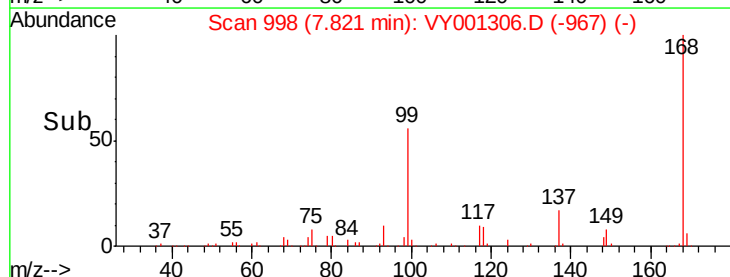
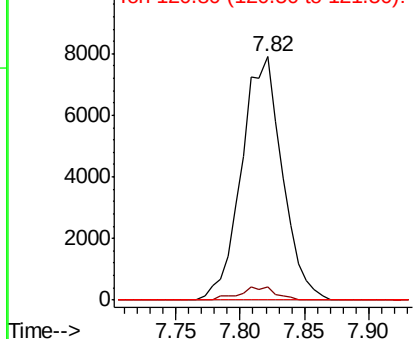


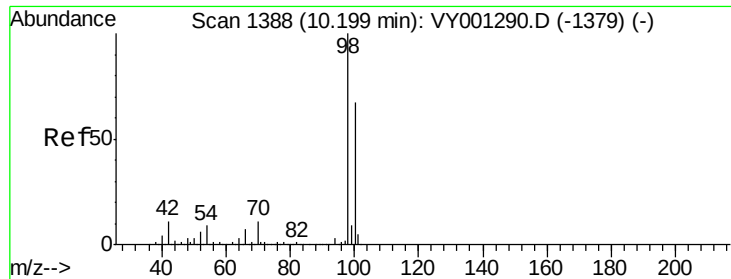
#38
 Carbon Tetrachloride
 Concen: 6.307 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.11 min
 Lab File: VY001306.D
 Acq: 20 Jan 2020 19:13

Tgt Ion	117	Resp	17292
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.2	78.3	117.5#
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: 52.395 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VY001306.D

Acq: 20 Jan 2020 19:13

Instrument :

MSVOA_Y

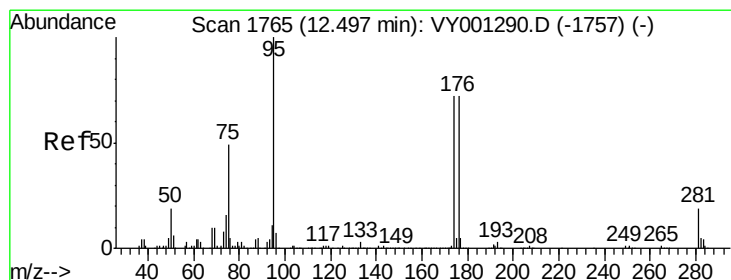
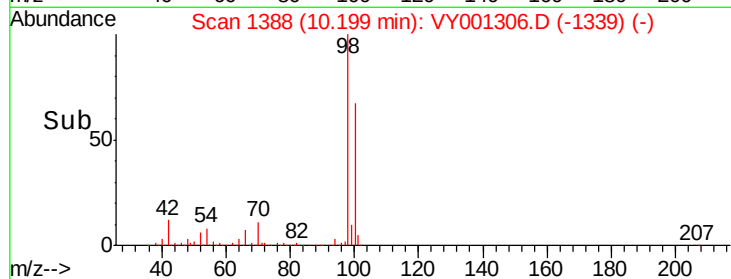
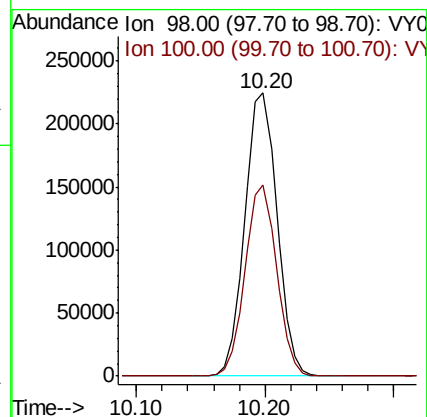
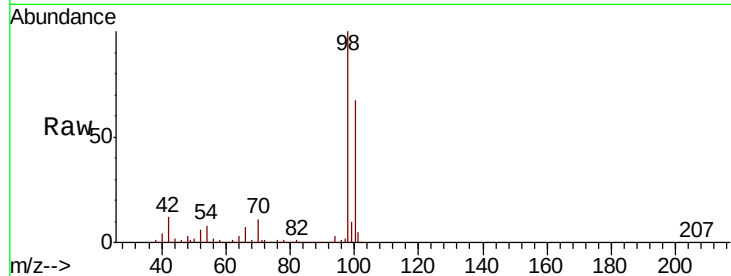
ClientSampled :

Tot Ion: 98 Resp: 387978

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 48.905 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.01 min

Lab File: VY001306.D

Acq: 20 Jan 2020 19:13

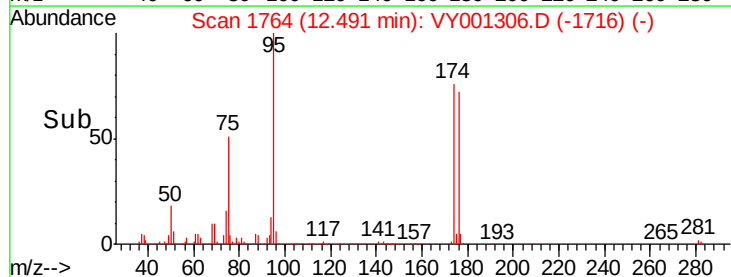
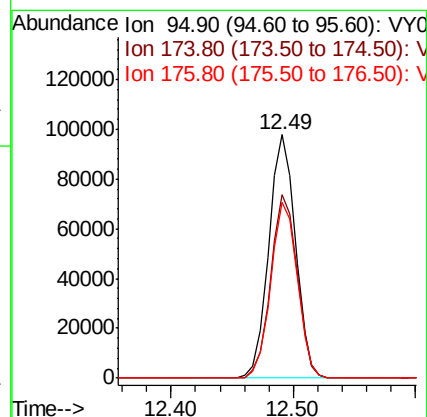
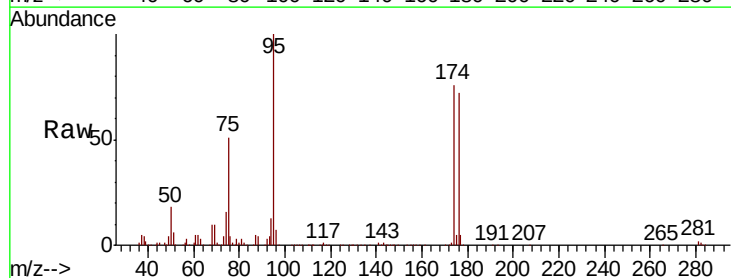
Tgt Ion: 95 Resp: 148052

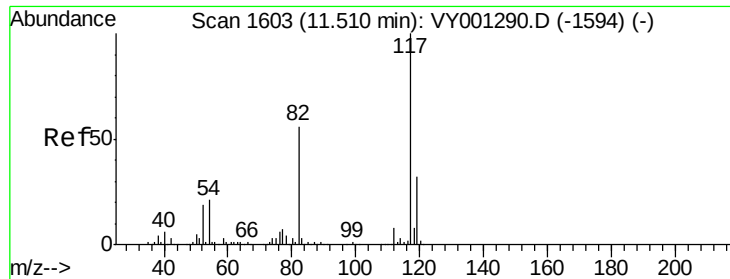
Ion Ratio Lower Upper

95 100

174 75.5 0.0 143.2

176 72.4 0.0 136.0

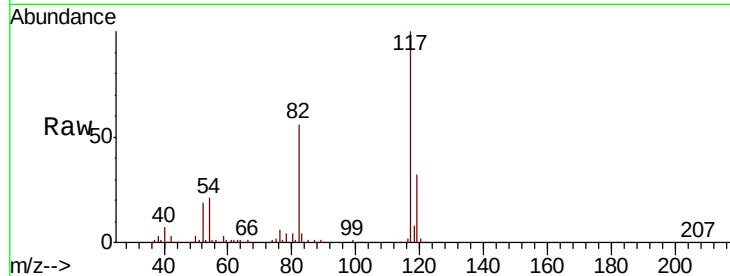




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VY001306.D
Acq: 20 Jan 2020 19:13

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.9	67.3
119	31.8	25.7	38.5

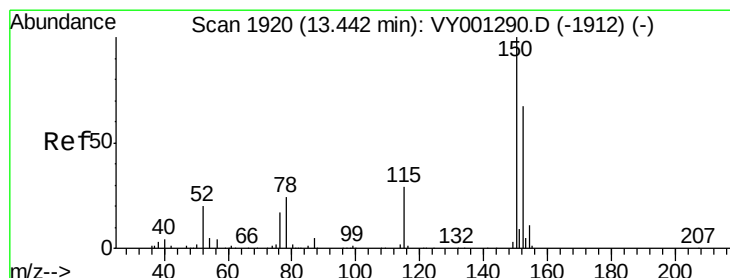
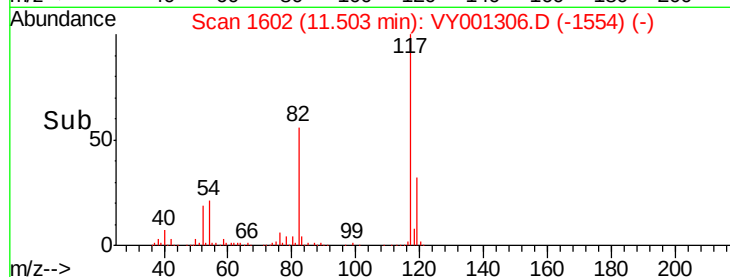
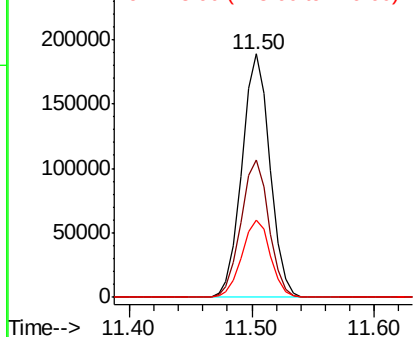


Abundance

Ion 116.90 (116.60 to 117.60): V

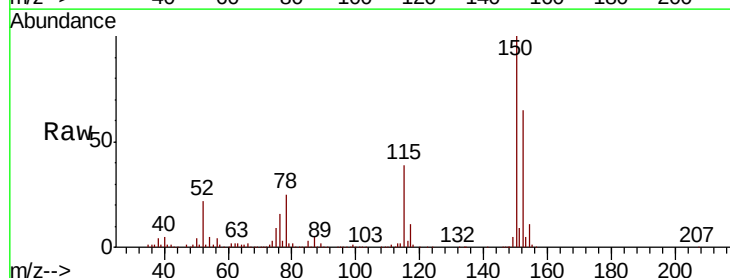
Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VY001306.D
Acq: 20 Jan 2020 19:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.9	92.5
150	156.2	0.0	346.8

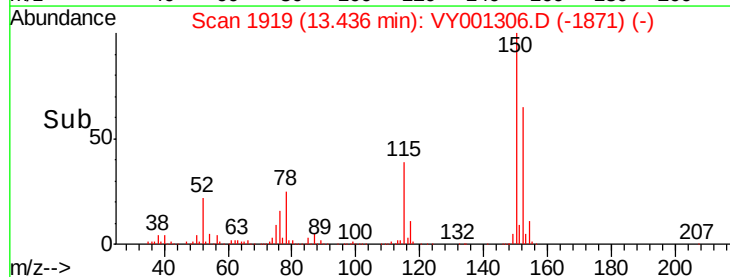
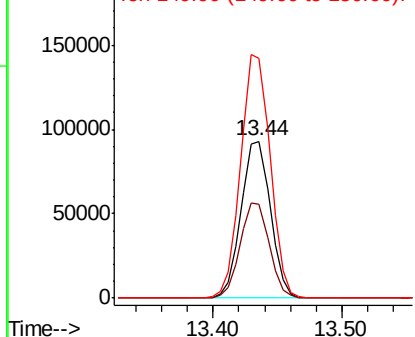


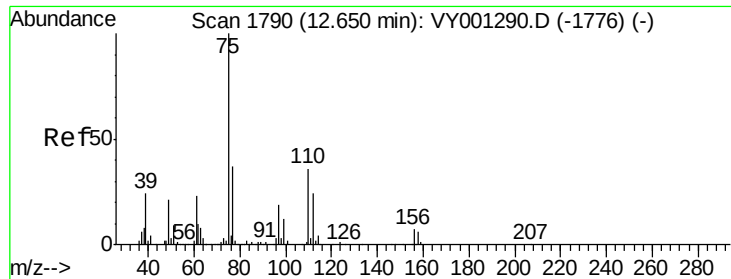
Abundance

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: 46.737 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.16 min

Lab File: VY001306.D

Acq: 20 Jan 2020 19:13

Instrument :

MSVOA_Y

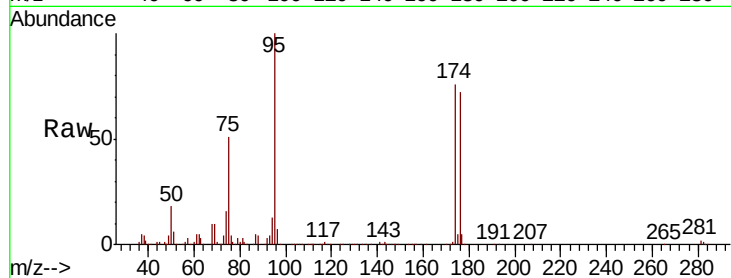
ClientSampled :

Tot Ion: 75 Resp: 73279

Ion Ratio Lower Upper

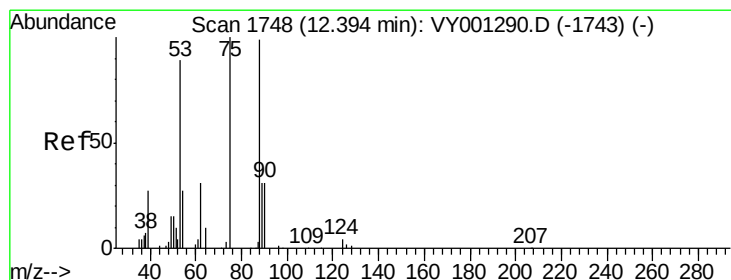
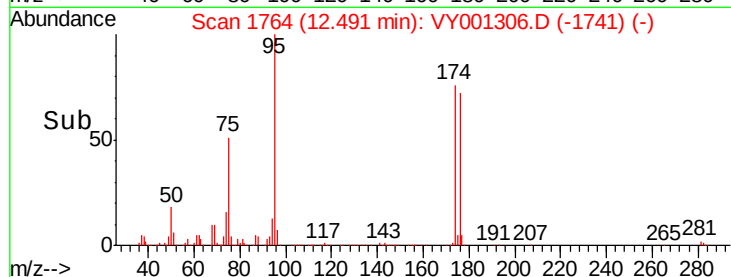
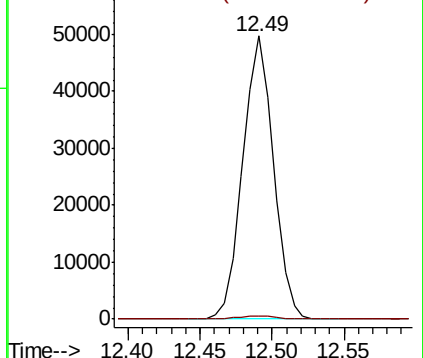
75 100

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: 79.255 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001306.D

Acq: 20 Jan 2020 19:13

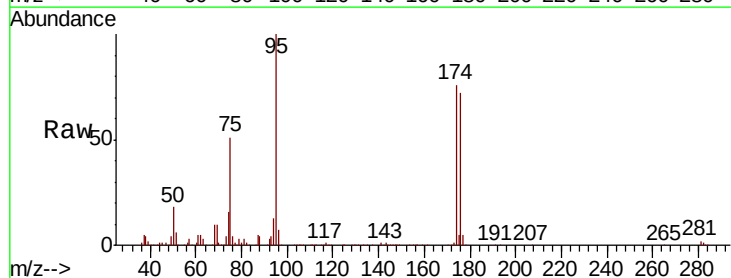
Tgt Ion: 75 Resp: 73279

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.2 0.0 0.0#



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

