

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001298.D
 Acq On : 20 Jan 2020 16:11
 Operator : SY/MD
 Sample : L1014-06
 Misc : 6.31G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 21 07:02:44 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	208612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	378106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	330246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	134225	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	121096	54.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.92%	
35) Dibromofluoromethane	7.75	113	112653	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
50) Toluene-d8	10.19	98	450778	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
62) 4-Bromofluorobenzene	12.49	95	154728	44.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.74%	

Target Compounds

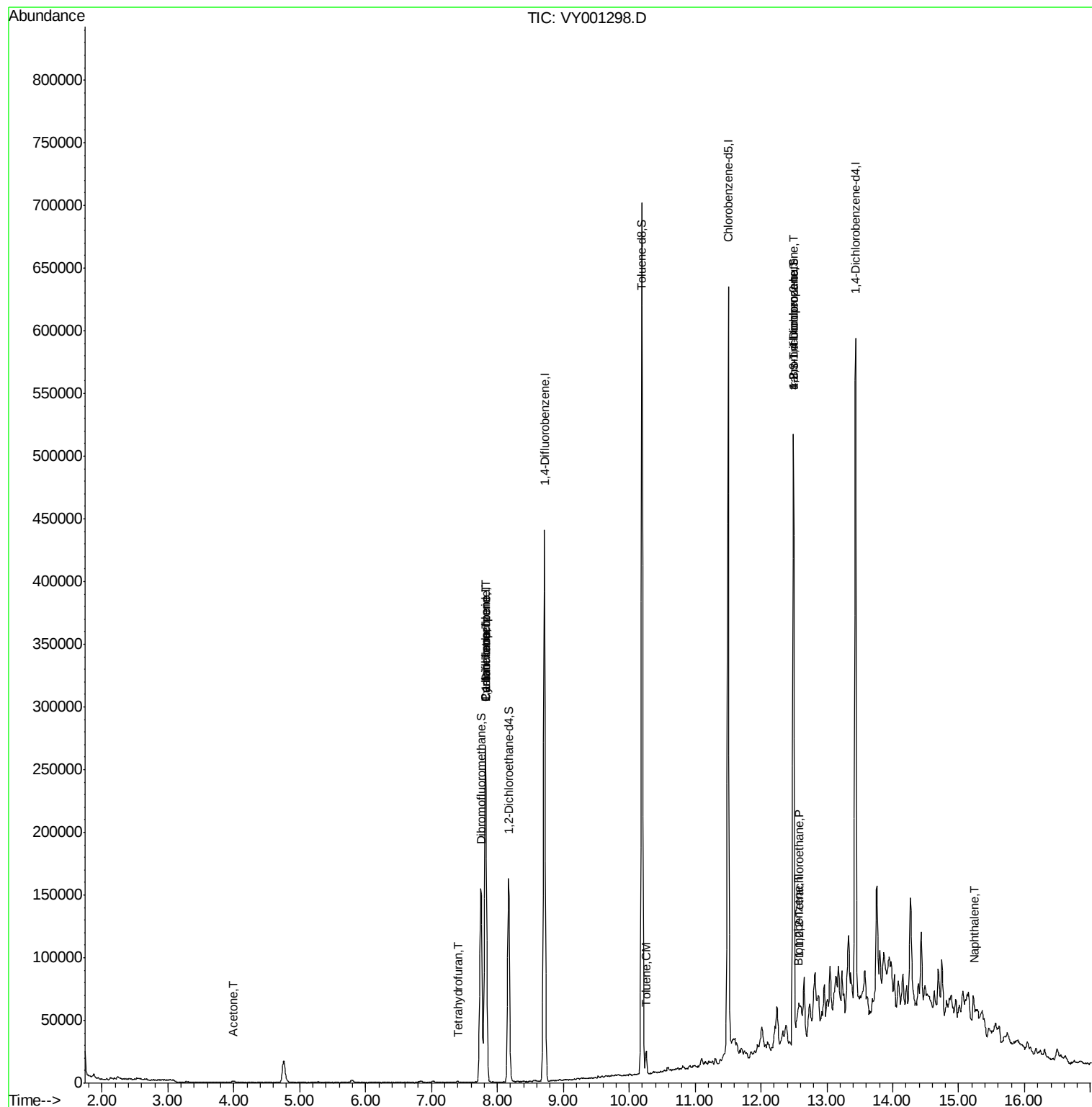
					Qvalue	
16) Acetone	3.98	43	2293	4.481	ug/l	97
29) Tetrahydrofuran	7.41	42	595	1.090	ug/l #	41
31) Cyclohexane	7.82	56	4561	1.070	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	16679	4.840	ug/l #	48
38) Carbon Tetrachloride	7.82	117	20519	6.497	ug/l #	15
52) Toluene	10.26	92	7662	1.194	ug/l	86
75) 1,1,2,2-Tetrachloroethane	12.57	83	2312	1.089	ug/l	95
76) 1,2,3-Trichloropropane	12.49	75	75515	52.554	ug/l #	100
77) Bromobenzene	12.56	156	10571	4.741	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.49	75	75515	89.121	ug/l #	6
95) Naphthalene	15.25	128	7211	1.200	ug/l #	87

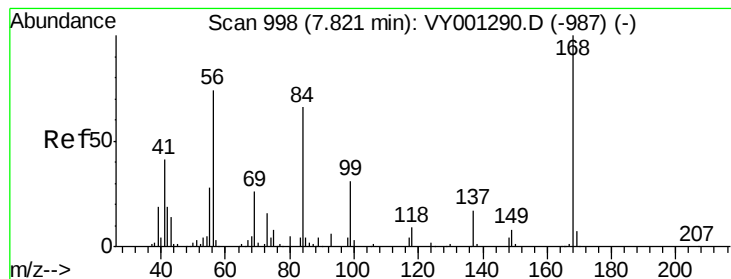
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
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Quant Time: Jan 21 07:02:44 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: VY001298.D

Acq: 20 Jan 2020 16:11

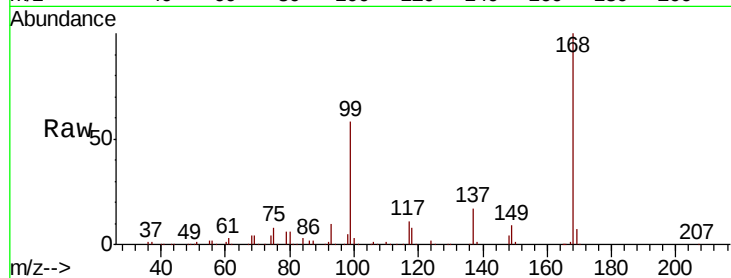
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 208612

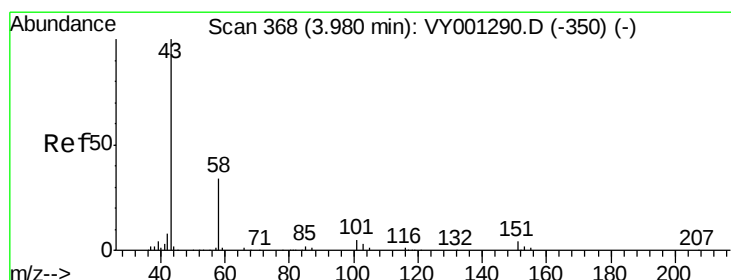
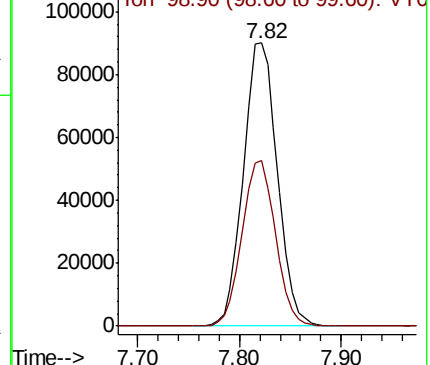
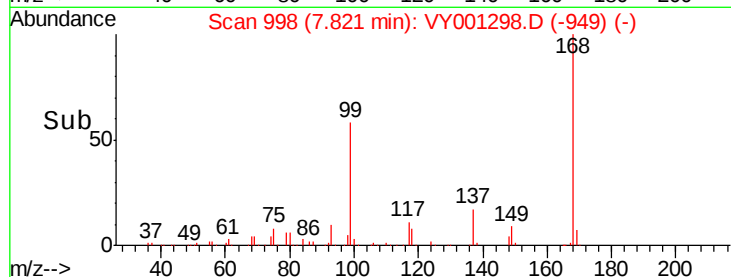
Ion Ratio Lower Upper

168 100

99 58.4 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001298.D (-949) (-)



#16

Acetone

Concen: 4.481 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.00 min

Lab File: VY001298.D

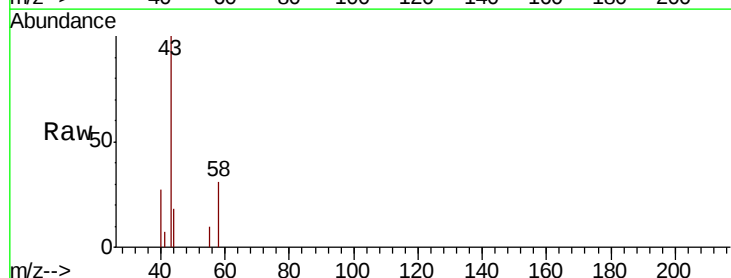
Acq: 20 Jan 2020 16:11

Tgt Ion: 43 Resp: 2293

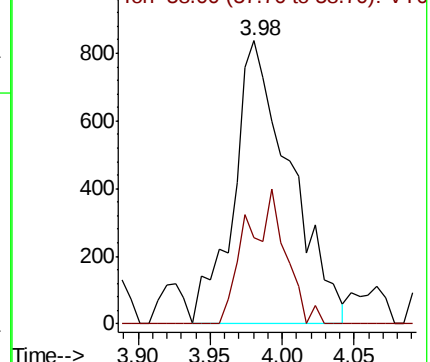
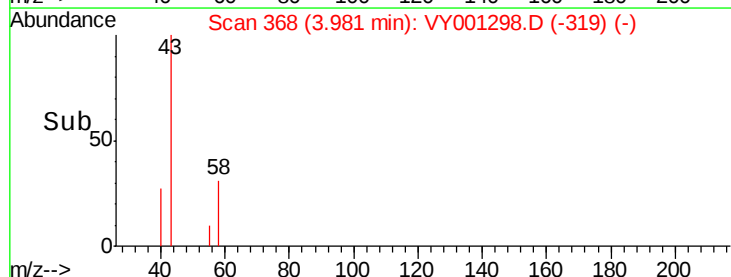
Ion Ratio Lower Upper

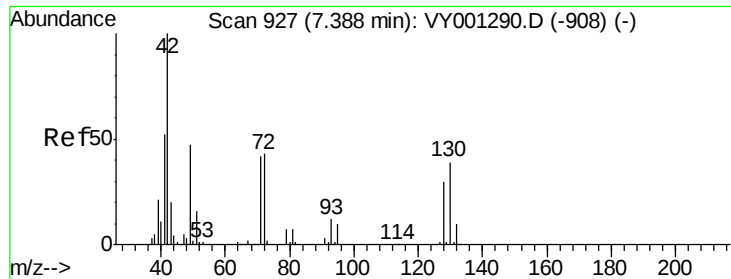
43 100

58 30.6 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001298.D (-319) (-)

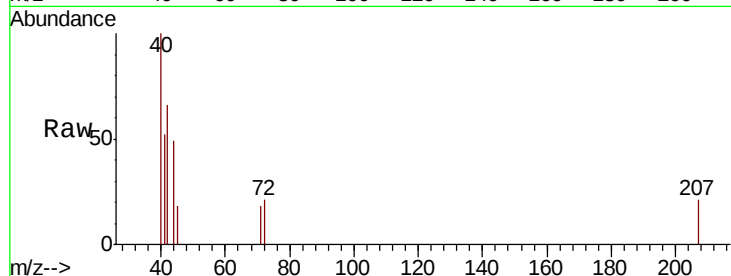




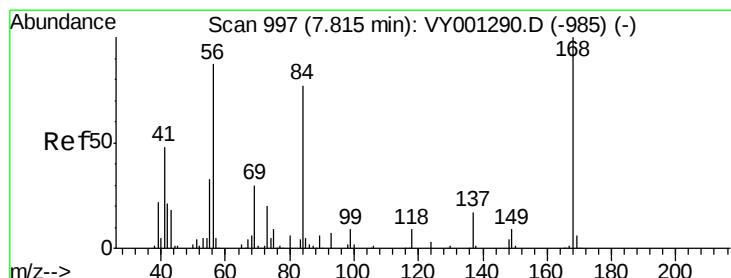
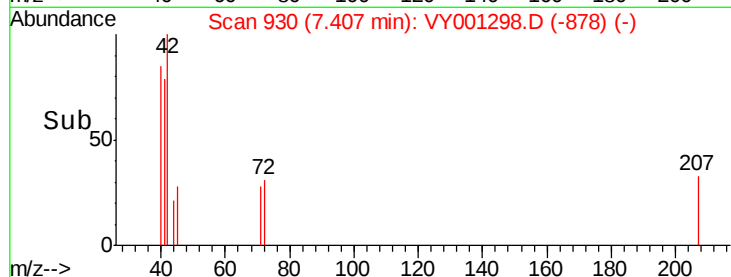
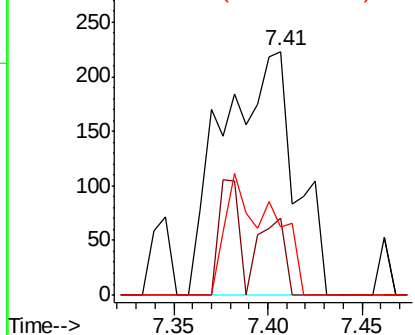
#29
Tetrahydrofuran
Concen: 1.090 ug/l
RT: 7.41 min Scan# 930
Delta R.T. 0.02 min
Lab File: VY001298.D
Acq: 20 Jan 2020 16:11

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 595
Ion Ratio Lower Upper
42 100
72 11.4 36.9 55.3#
71 0.0 34.0 51.0#

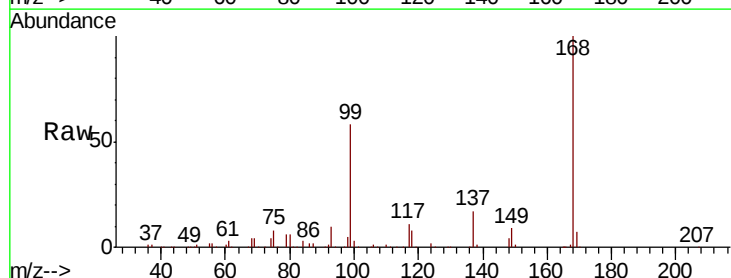


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

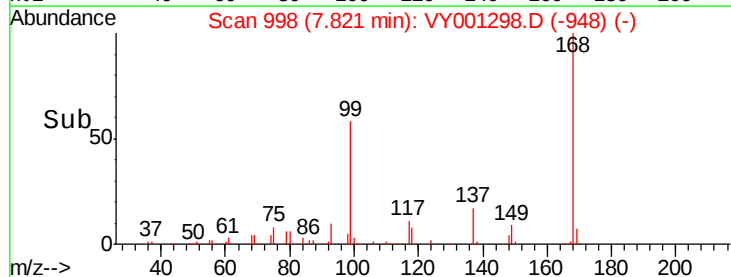
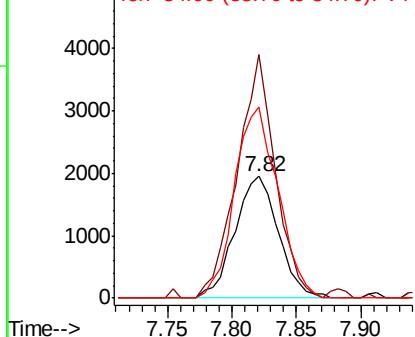


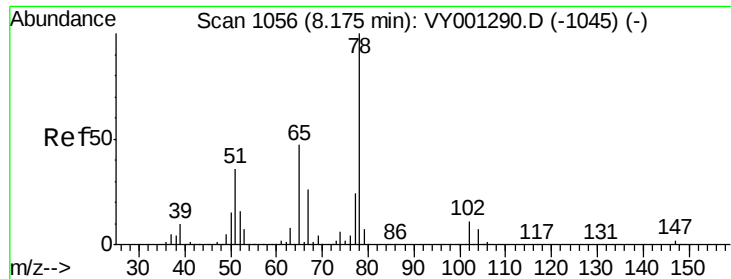
#31
Cyclohexane
Concen: 1.070 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.01 min
Lab File: VY001298.D
Acq: 20 Jan 2020 16:11

Tgt Ion: 56 Resp: 4561
Ion Ratio Lower Upper
56 100
69 200.2 27.8 41.8#
84 157.2 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

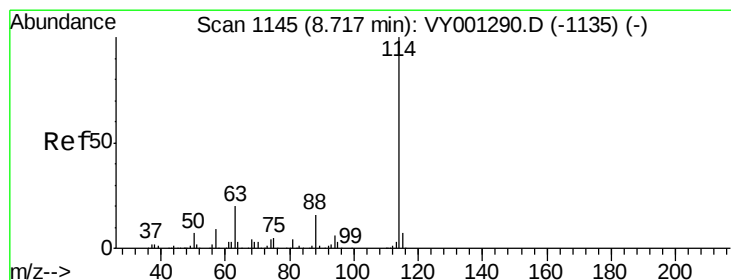
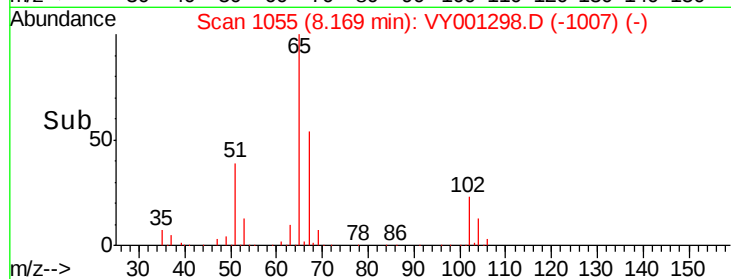
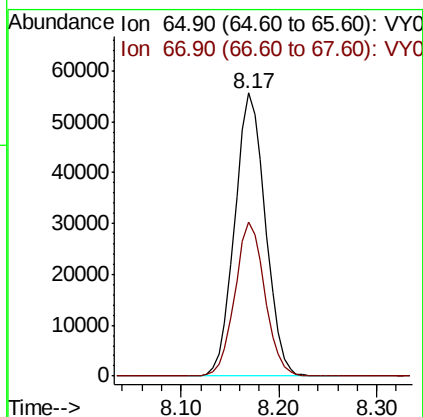
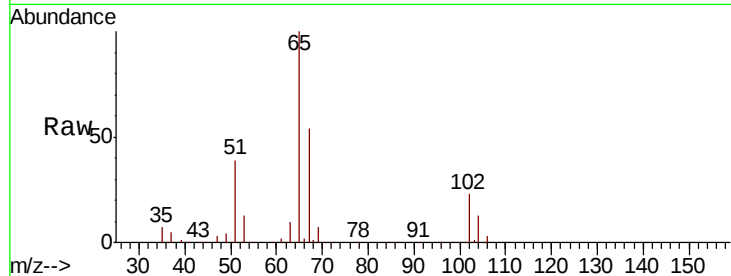




#33
 1,2-Dichloroethane-d4
 Concen: 54.961 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: VY001298.D
 Acq: 20 Jan 2020 16:11

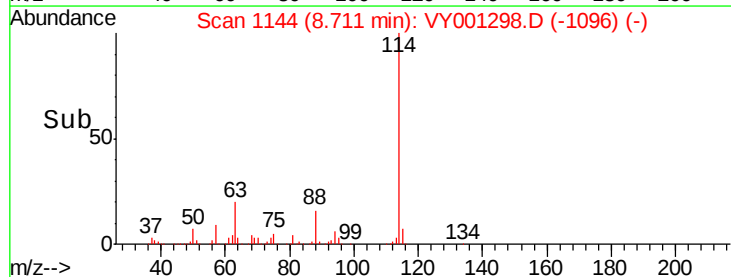
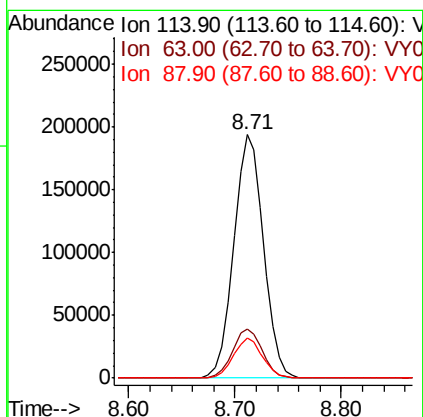
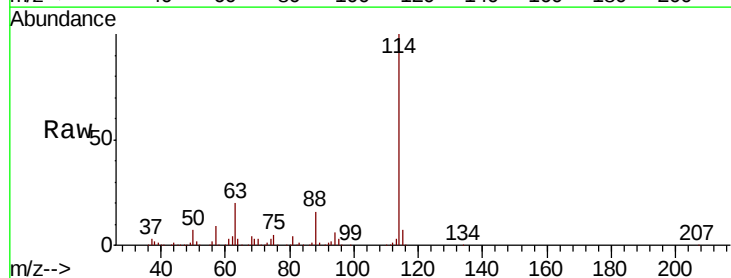
Instrument :
 MSVOA_Y
 ClientSampleId :

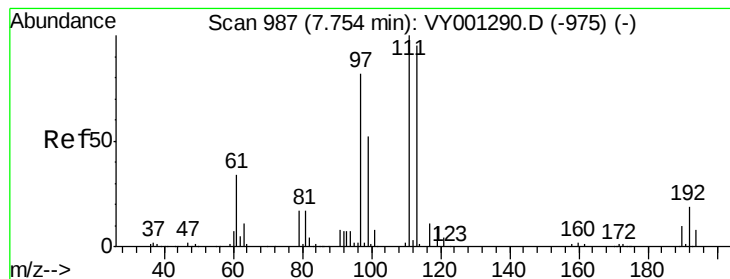
Tot Ion: 65 Resp: 121096
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: VY001298.D
 Acq: 20 Jan 2020 16:11

Tgt Ion: 114 Resp: 378106
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 16.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.887 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.01 min

Lab File: VY001298.D

Acq: 20 Jan 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

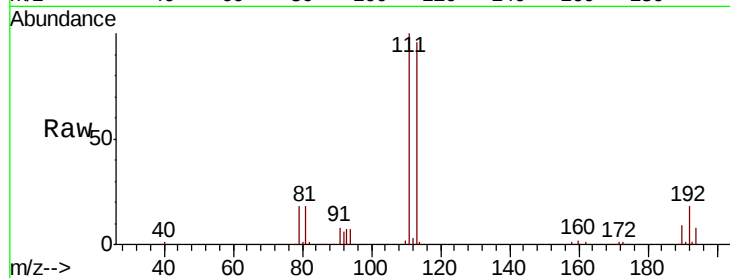
Tot Ion:113 Resp: 112653

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

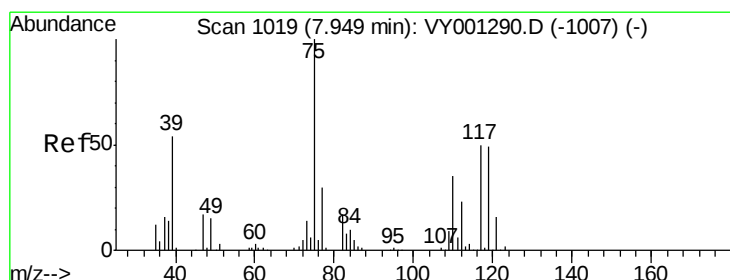
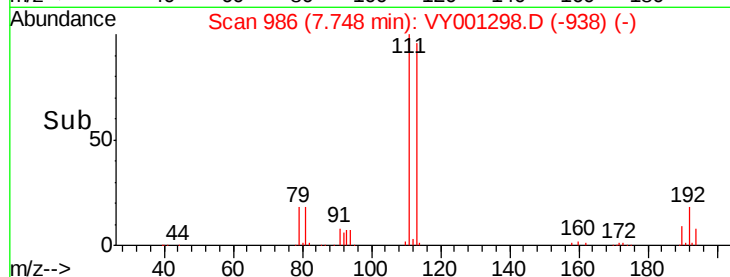
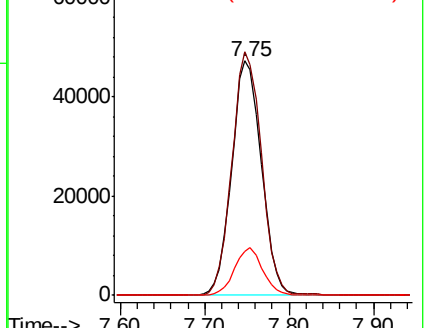
192 19.1 15.4 23.2



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: 4.840 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.13 min

Lab File: VY001298.D

Acq: 20 Jan 2020 16:11

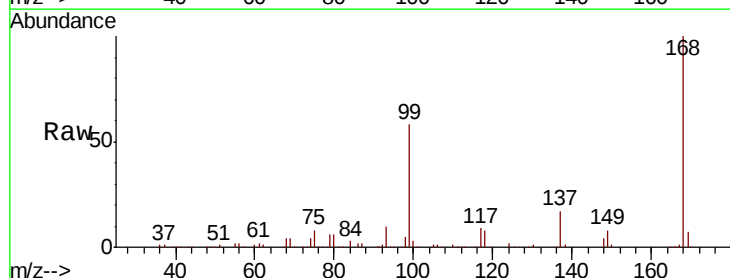
Tgt Ion: 75 Resp: 16679

Ion Ratio Lower Upper

75 100

110 8.5 18.3 54.8#

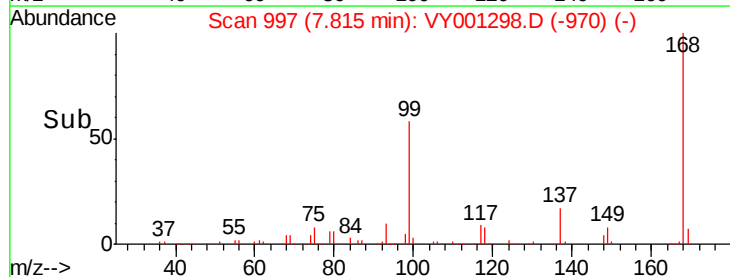
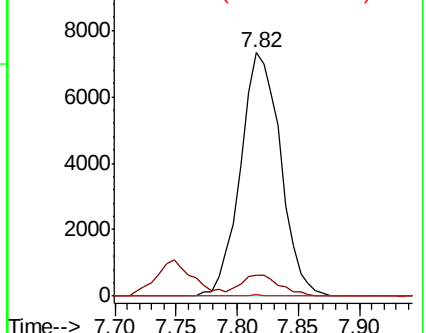
77 0.1 25.1 37.7#

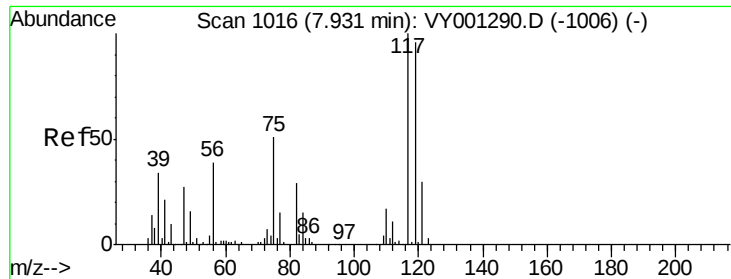


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.497 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.11 min

Lab File: VY001298.D

Acq: 20 Jan 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

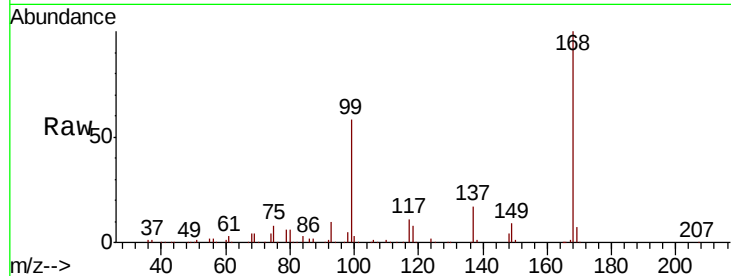
Tot Ion:117 Resp: 20519

Ion Ratio Lower Upper

117 100

119 4.3 78.3 117.5#

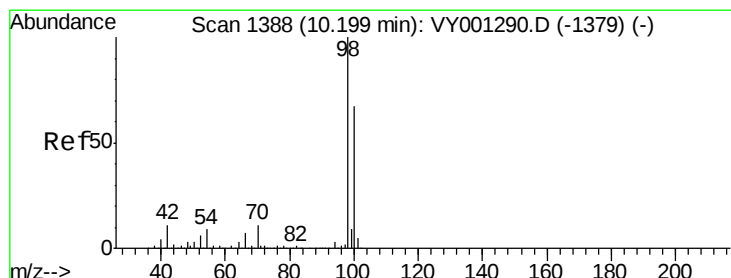
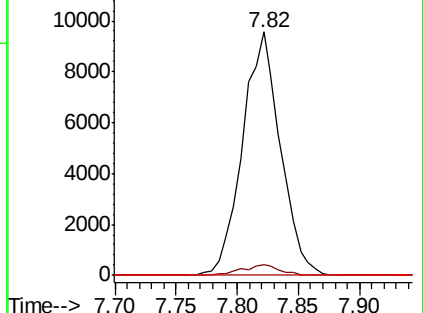
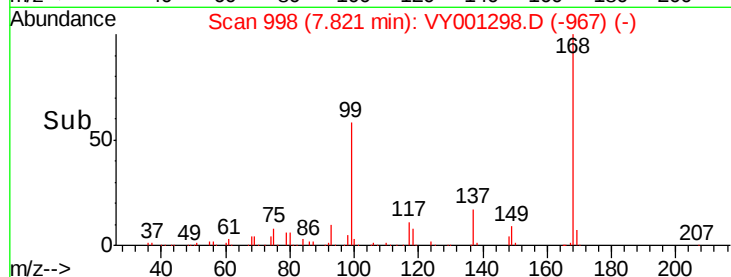
121 0.0 23.5 35.3#



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: 52.845 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VY001298.D

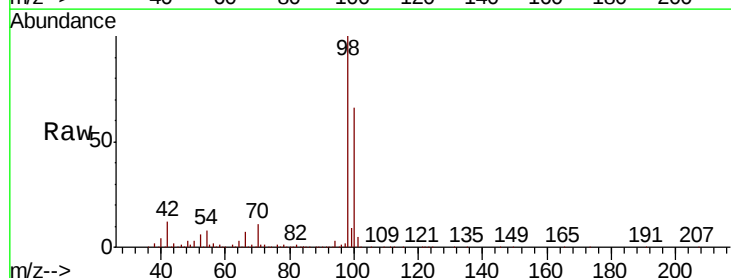
Acq: 20 Jan 2020 16:11

Tgt Ion: 98 Resp: 450778

Ion Ratio Lower Upper

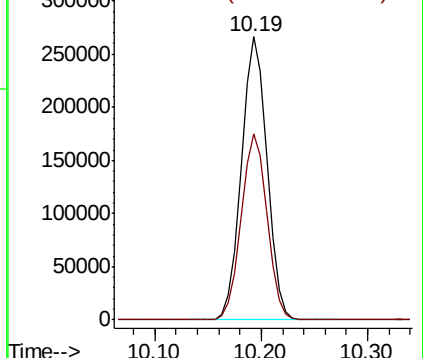
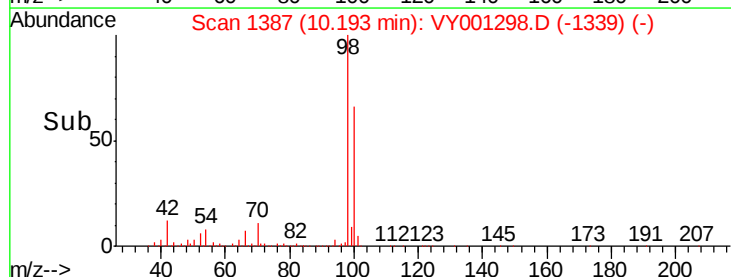
98 100

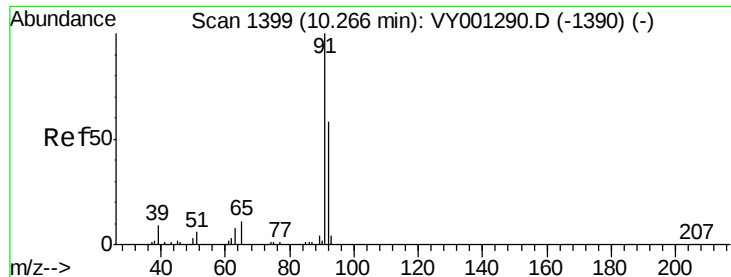
100 66.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#52

Toluene

Concen: 1.194 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. -0.01 min

Lab File: VY001298.D

Acq: 20 Jan 2020 16:11

Instrument :

MSVOA_Y

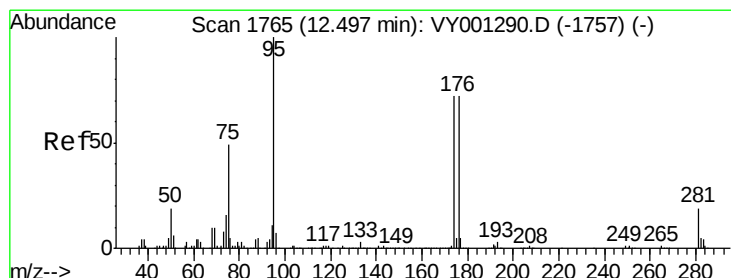
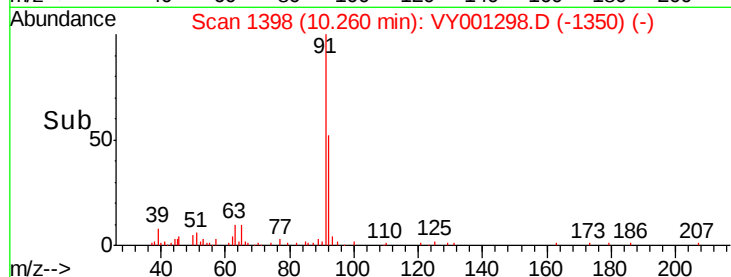
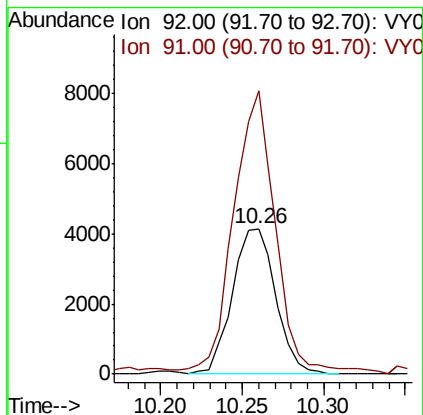
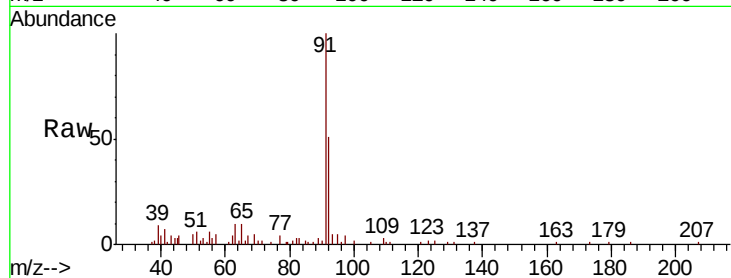
ClientSampleId :

Tot Ion: 92 Resp: 7662

Ion Ratio Lower Upper

92 100

91 189.6 136.6 204.8



#62

4-Bromofluorobenzene

Concen: 44.368 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.01 min

Lab File: VY001298.D

Acq: 20 Jan 2020 16:11

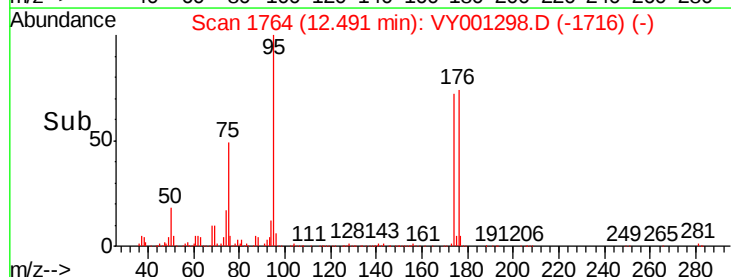
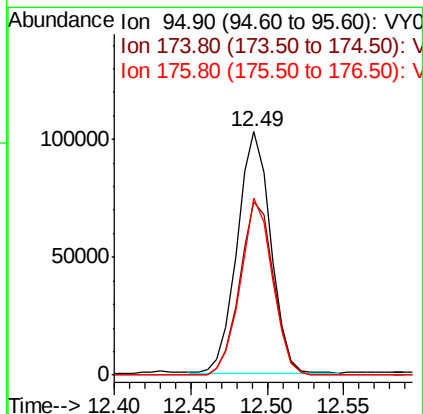
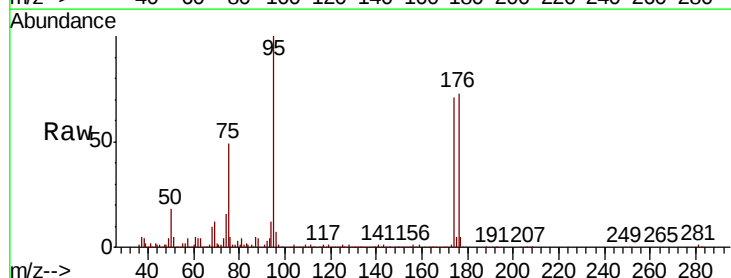
Tgt Ion: 95 Resp: 154728

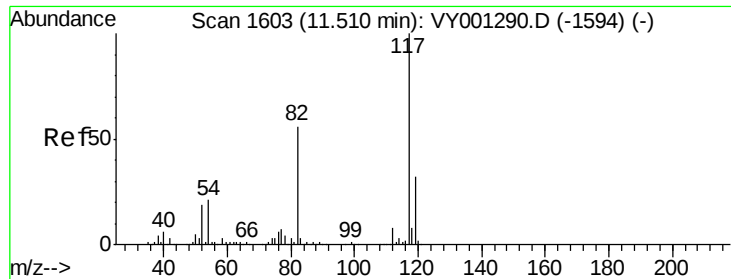
Ion Ratio Lower Upper

95 100

174 73.1 0.0 143.2

176 70.4 0.0 136.0

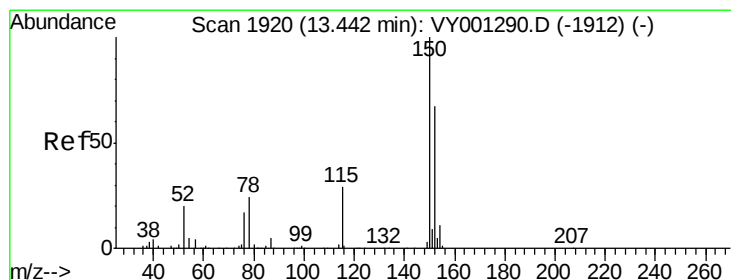
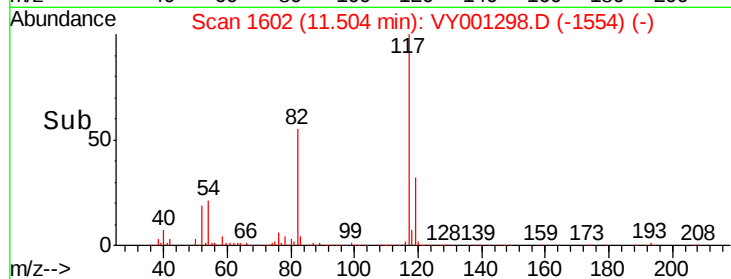
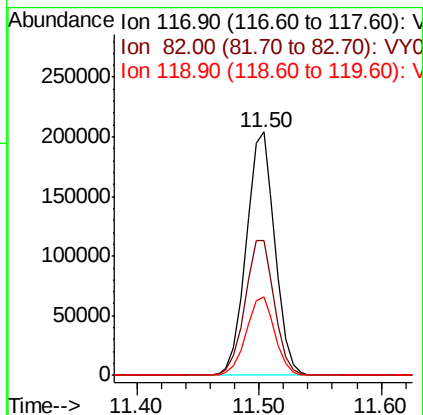
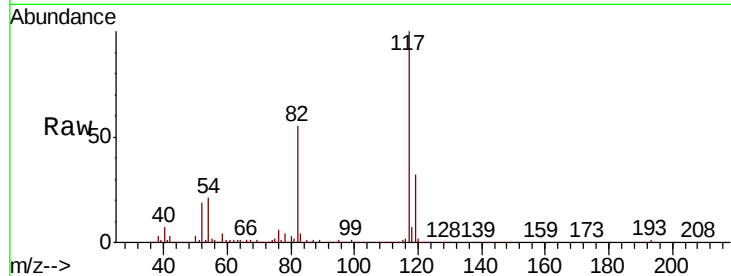




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VY001298.D
Acq: 20 Jan 2020 16:11

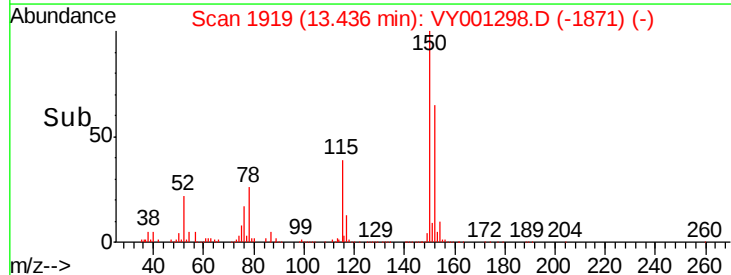
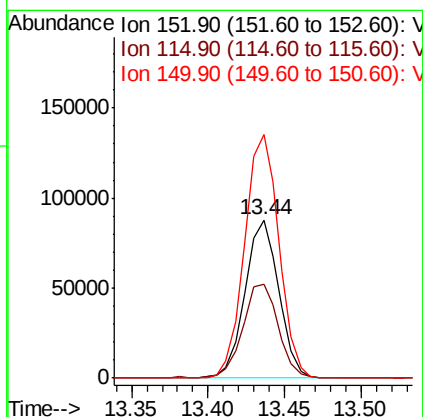
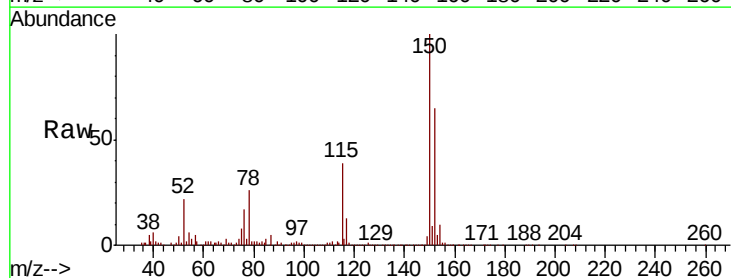
Instrument :
MSVOA_Y
ClientSampled :

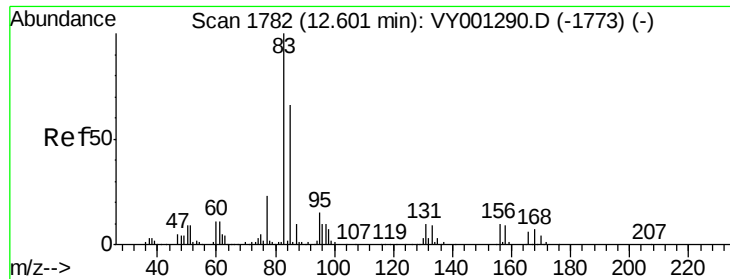
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.9	67.3
119	32.0	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VY001298.D
Acq: 20 Jan 2020 16:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.2	30.9	92.5
150	157.6	0.0	346.8





#75

1,1,2,2-Tetrachloroethane

Concen: 1.089 ug/l

RT: 12.57 min Scan# 1777

Delta R.T. -0.03 min

Lab File: VY001298.D

Acq: 20 Jan 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

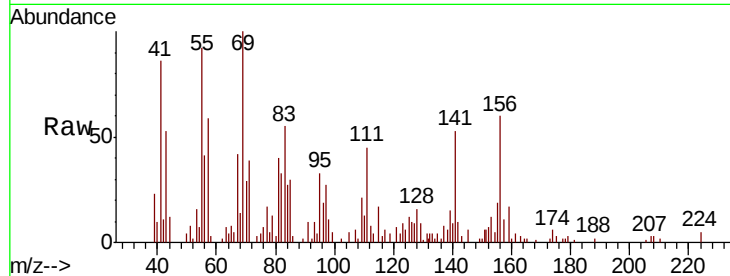
Tot Ion: 83 Resp: 2312

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.3

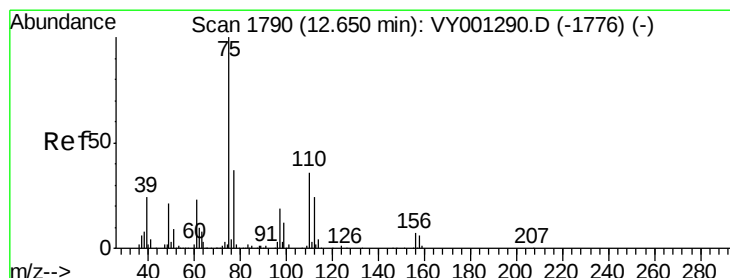
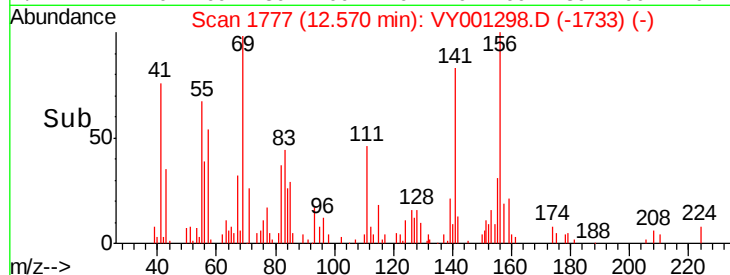
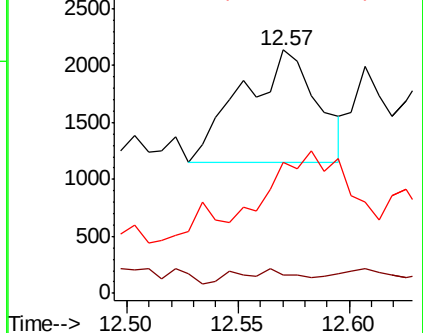
85 68.8 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 52.554 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.16 min

Lab File: VY001298.D

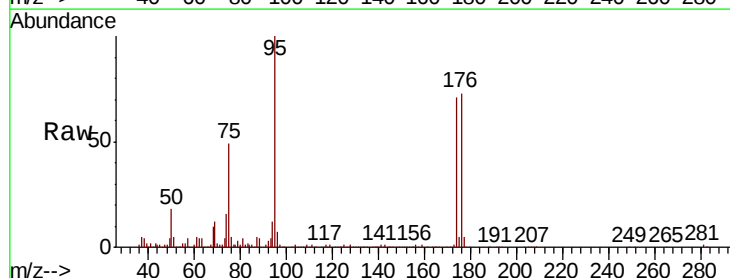
Acq: 20 Jan 2020 16:11

Tgt Ion: 75 Resp: 75515

Ion Ratio Lower Upper

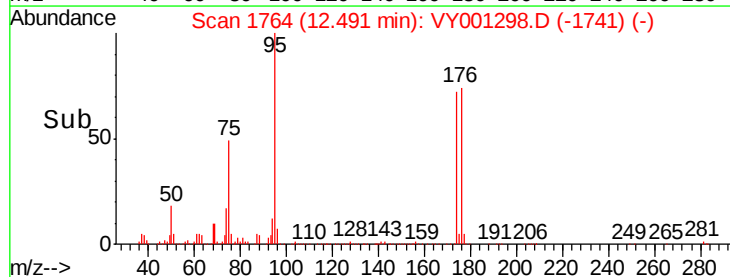
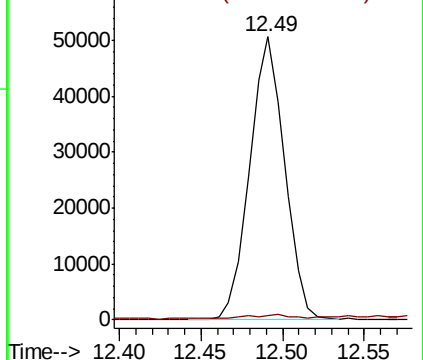
75 100

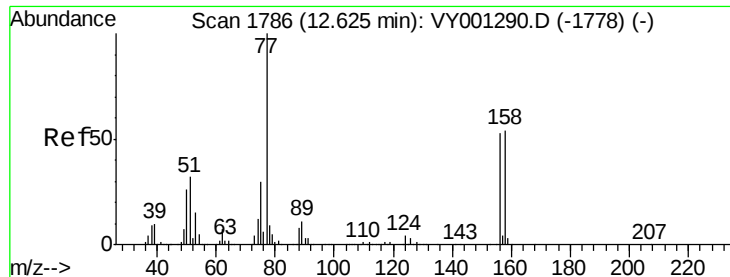
77 2.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 4.741 ug/l

RT: 12.56 min Scan# 1775

Delta R.T. -0.07 min

Lab File: VY001298.D

Acq: 20 Jan 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

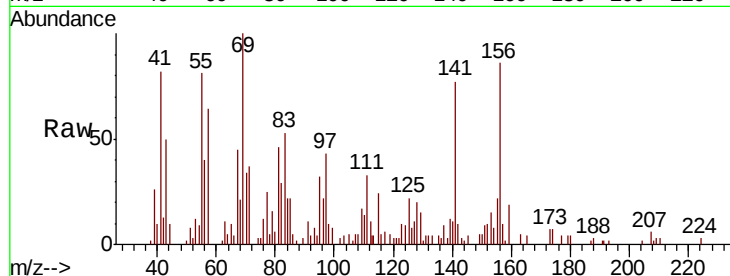
Tot Ion:156 Resp: 10571

Ion Ratio Lower Upper

156 100

77 4.0 106.7 320.1#

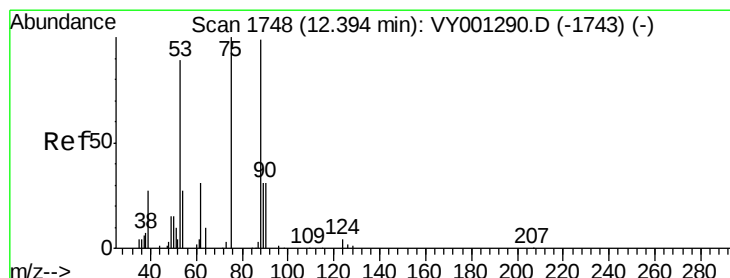
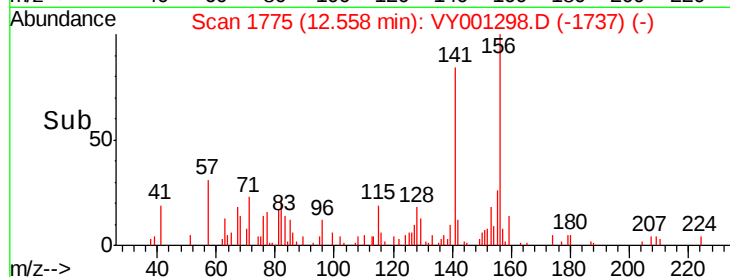
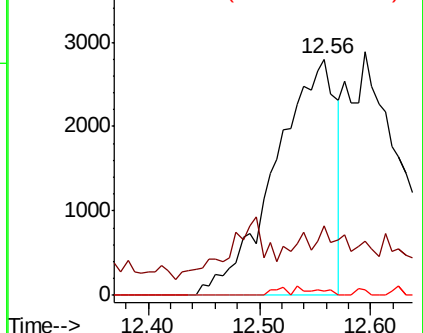
158 0.0 48.3 144.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 89.121 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001298.D

Acq: 20 Jan 2020 16:11

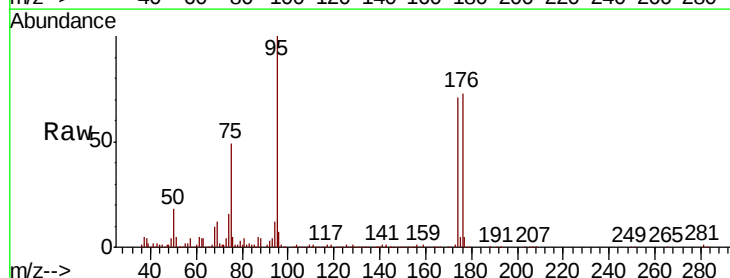
Tgt Ion: 75 Resp: 75515

Ion Ratio Lower Upper

75 100

53 0.3 69.4 104.2#

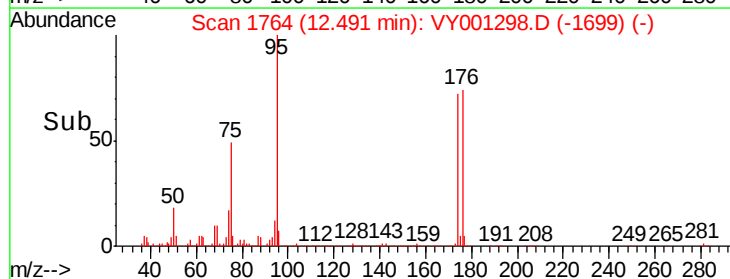
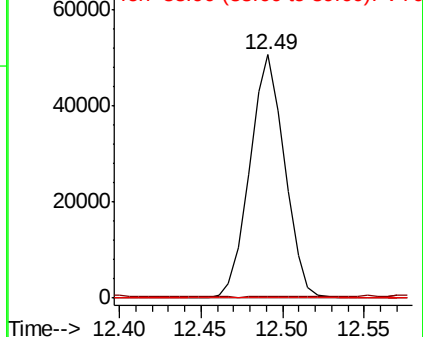
89 0.0 0.0 0.0#

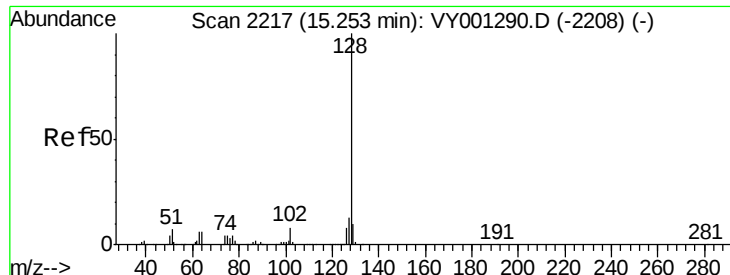


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0





#95

Naphthalene

Concen: 1.200 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.01 min

Lab File: VY001298.D

Acq: 20 Jan 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:128 Resp: 7211

Ion Ratio Lower Upper

128 100

127 15.7 10.2 15.4#

129 18.1 8.5 12.7#

