

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003569.D
 Acq On : 20 Nov 2020 15:49
 Operator : SY/MD
 Sample : L4836-01
 Misc : 6.13G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 01:52:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:00:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	105014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	227054	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	205629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	88954	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	78652	72.13	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.26%
35) Dibromofluoromethane	7.72	113	77698	52.06	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.12%
50) Toluene-d8	10.17	98	276967	47.72	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.44%
62) 4-Bromofluorobenzene	12.48	95	81443	44.22	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.44%

Target Compounds

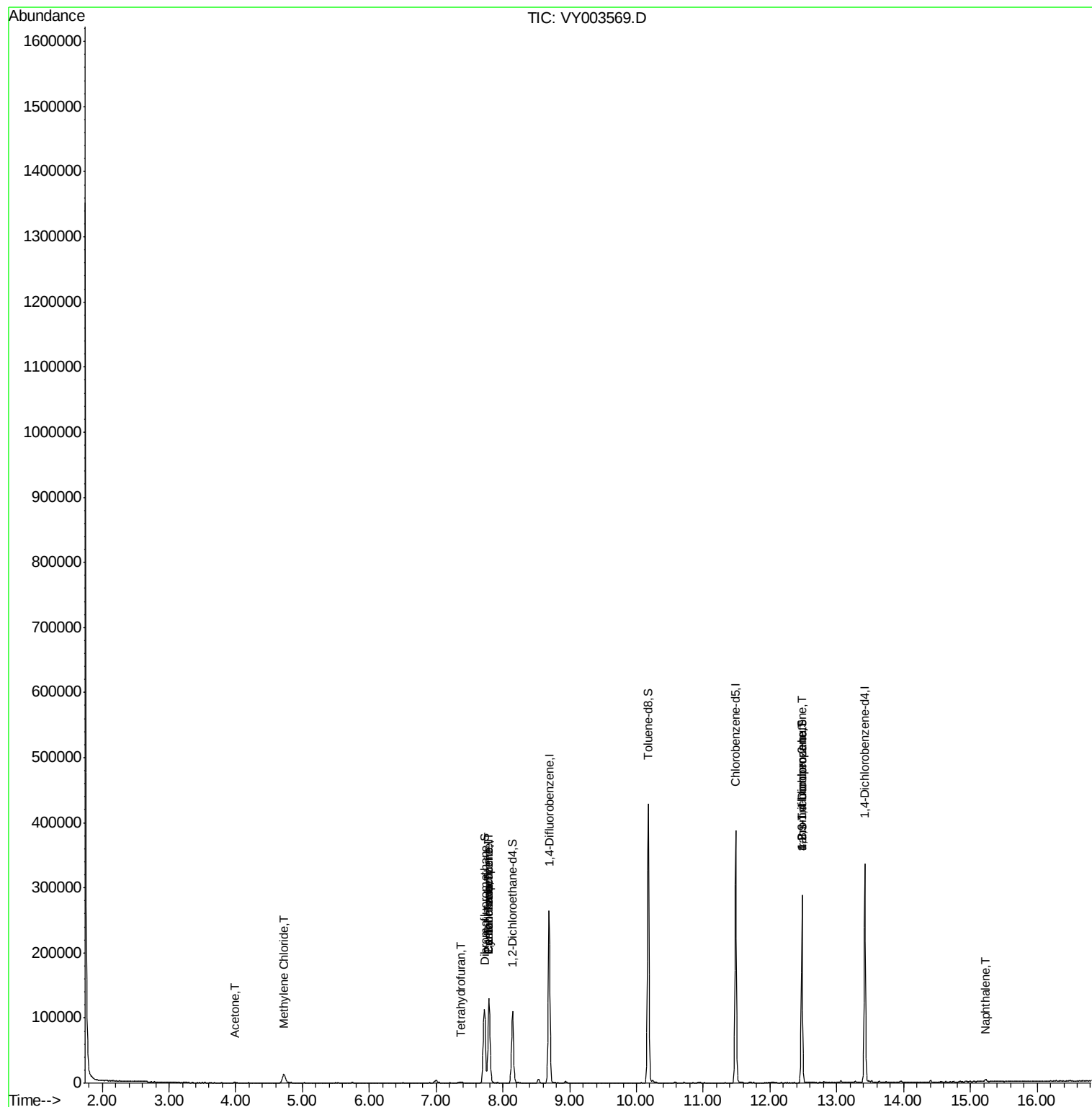
					Qvalue	
16) Acetone	3.98	43	867	2.381	ug/l #	71
20) Methylene Chloride	4.72	84	9515	2.591	ug/l	93
29) Tetrahydrofuran	7.36	42	1254	5.067	ug/l #	87
31) Cyclohexane	7.78	56	2142	1.359	ug/l #	21
36) 1,1-Dichloropropene	7.79	75	7272	3.253	ug/l #	49
38) Carbon Tetrachloride	7.79	117	10087	4.871	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	42419	49.187	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	42419	78.193	ug/l #	14
95) Naphthalene	15.23	128	2736	1.207	ug/l #	93

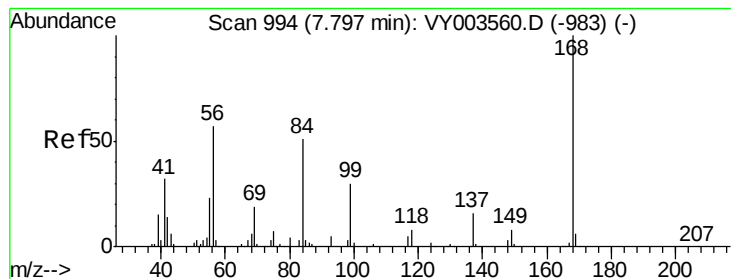
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:00:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY003569.D

Acq: 20 Nov 2020 15:49

Instrument :

MSVOA_Y

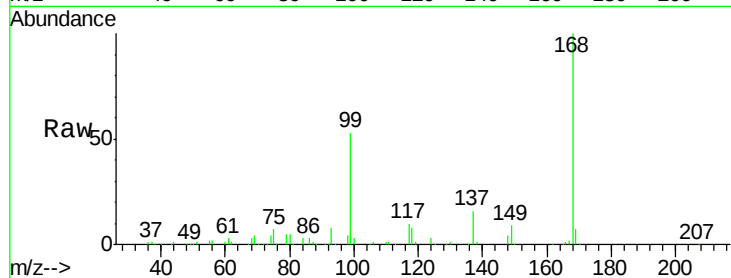
ClientSampleId :

Tot Ion:168 Resp: 105014

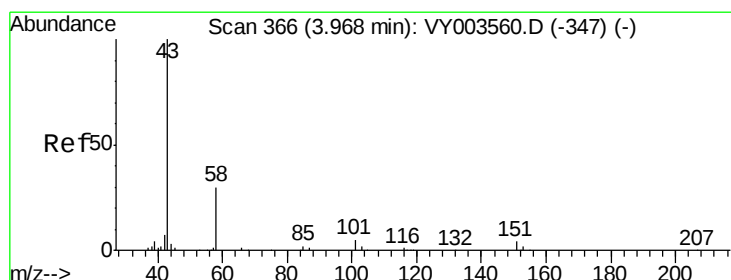
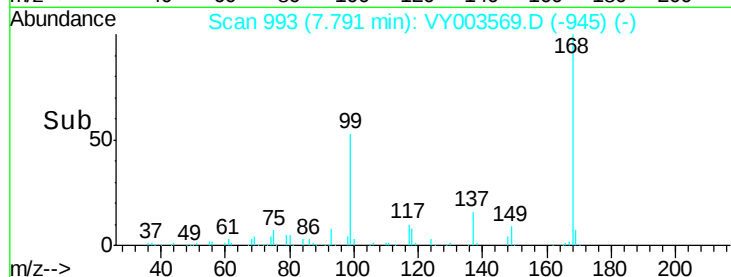
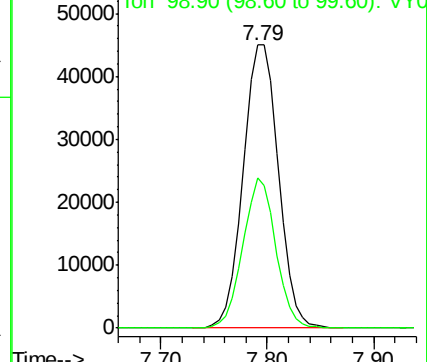
Ion Ratio Lower Upper

168 100

99 53.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VY003560.D (-983) (-)



#16

Acetone

Concen: 2.381 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY003569.D

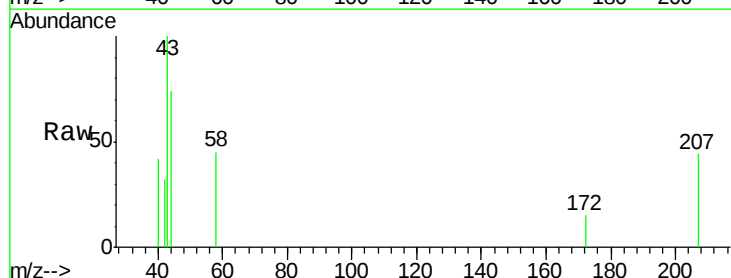
Acq: 20 Nov 2020 15:49

Tgt Ion: 43 Resp: 867

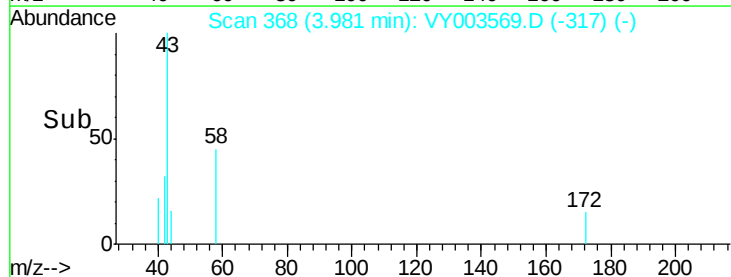
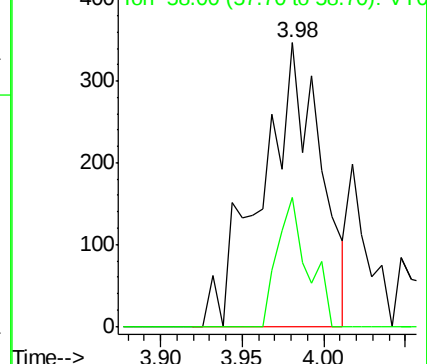
Ion Ratio Lower Upper

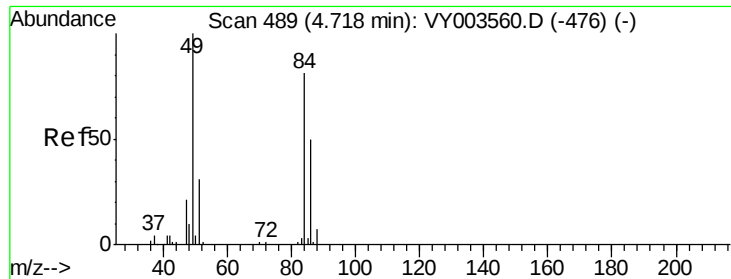
43 100

58 45.2 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VY003560.D (-347) (-)

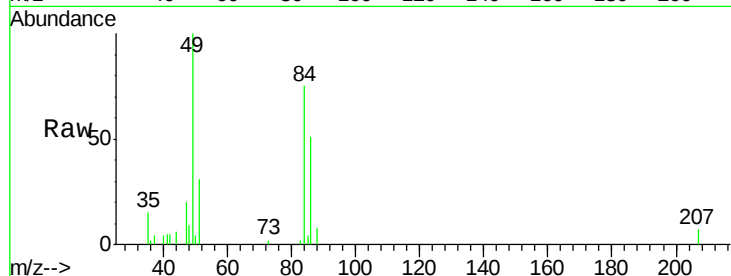




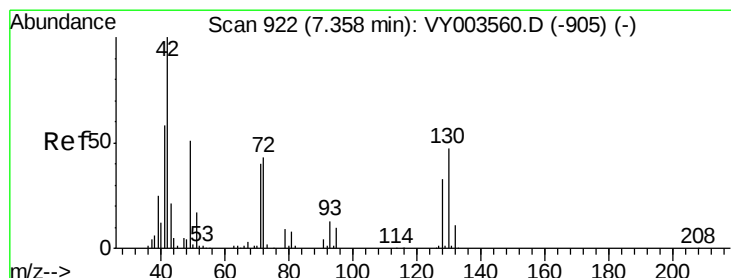
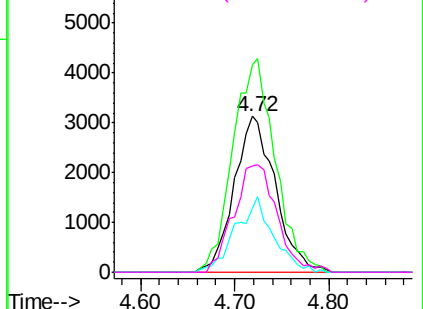
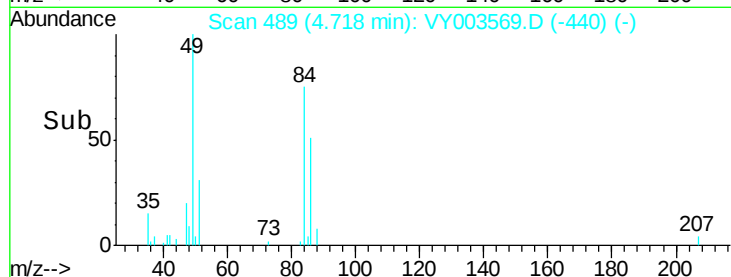
#20
Methvlene Chloride
Concen: 2.591 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY003569.D
Acq: 20 Nov 2020 15:49

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 84 Resp: 9515
Ion Ratio Lower Upper
84 100
49 132.7 99.0 148.6
51 41.4 30.5 45.7
86 68.3 49.9 74.9

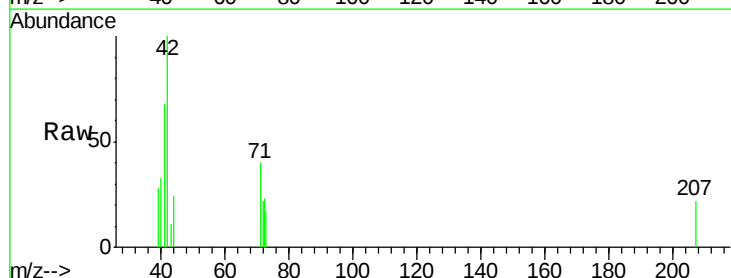


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

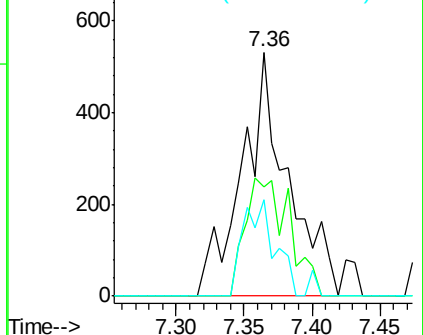
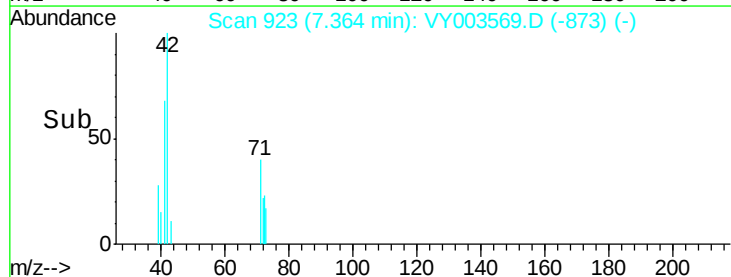


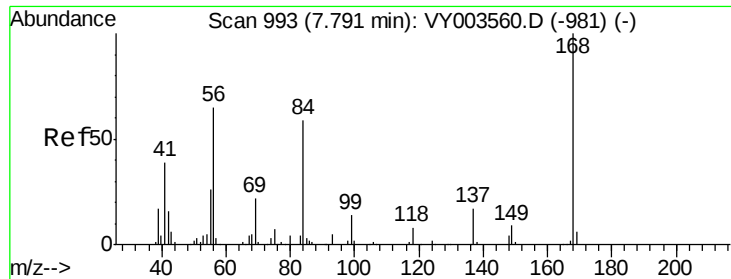
#29
Tetrahydrofuran
Concen: 5.067 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY003569.D
Acq: 20 Nov 2020 15:49

Tgt Ion: 42 Resp: 1254
Ion Ratio Lower Upper
42 100
72 46.7 32.6 49.0
71 27.2 30.2 45.2#



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: 1.359 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY003569.D

Acq: 20 Nov 2020 15:49

Instrument :
MSVOA_Y
ClientSampled :

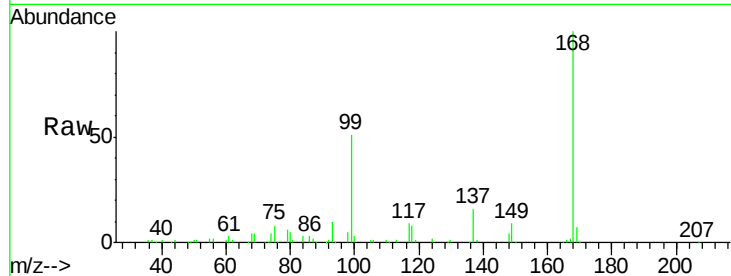
Tot Ion: 56 Resp: 2142

Ion Ratio Lower Upper

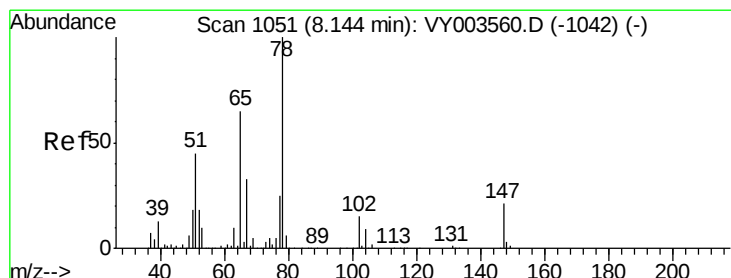
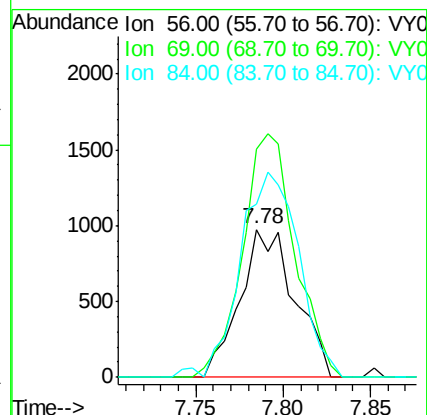
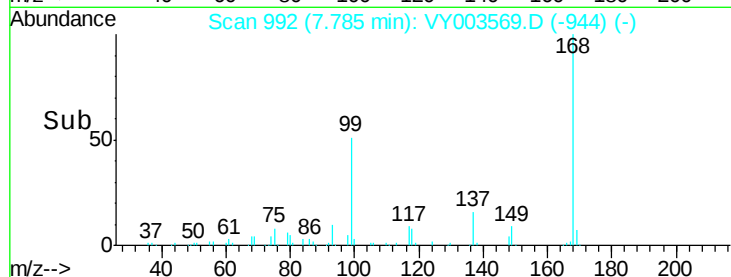
56 100

69 154.0 27.0 40.6#

84 116.9 71.8 107.6#



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: 72.132 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003569.D

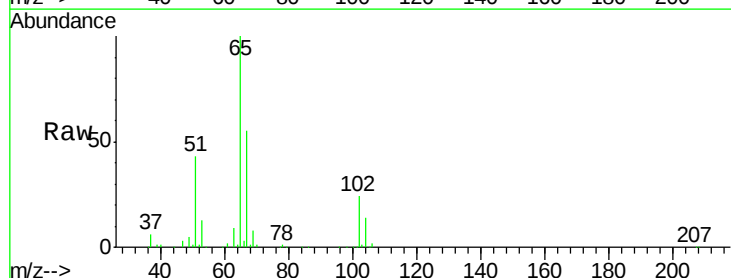
Acq: 20 Nov 2020 15:49

Tgt Ion: 65 Resp: 78652

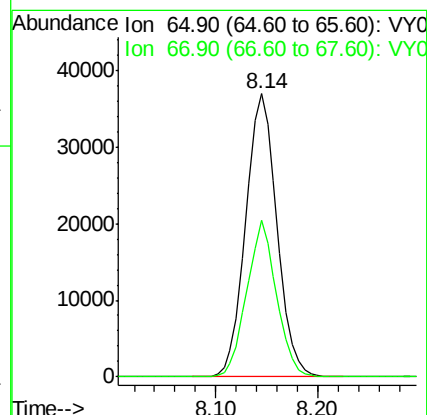
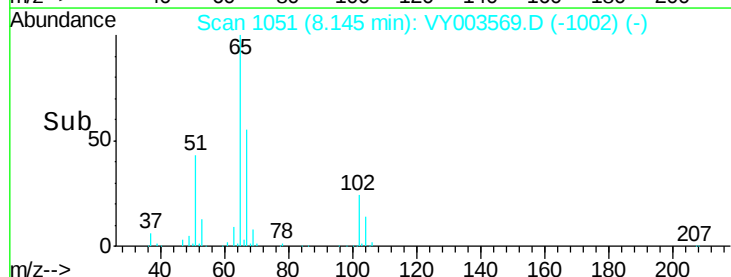
Ion Ratio Lower Upper

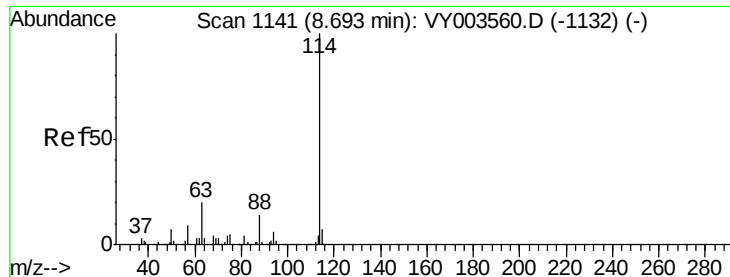
65 100

67 52.4 0.0 110.2



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

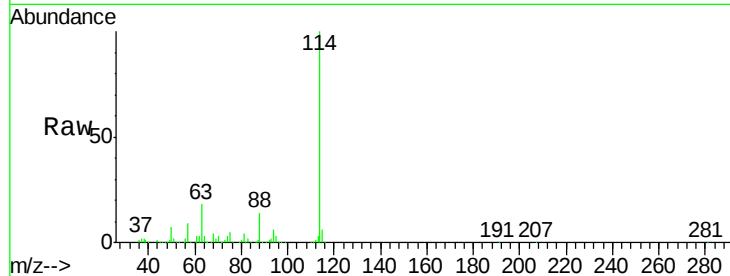




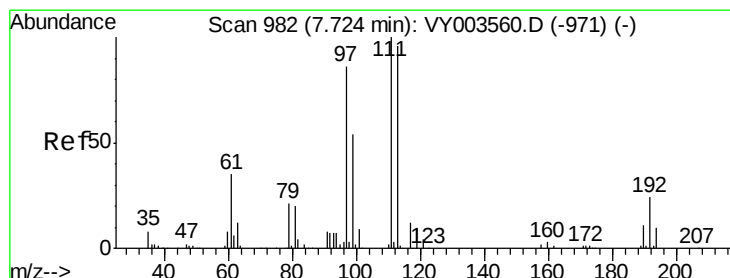
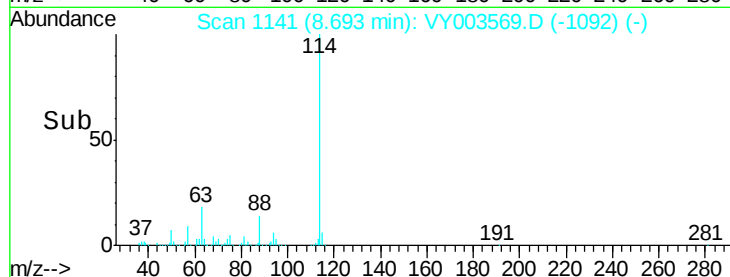
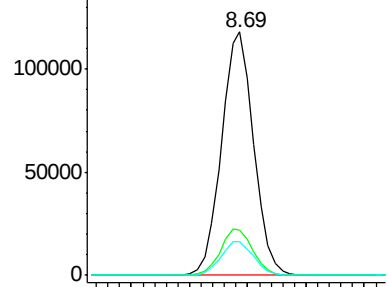
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY003569.D
Acq: 20 Nov 2020 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:114 Resp: 227054
Ion Ratio Lower Upper
114 100
63 18.4 0.0 39.8
88 13.8 0.0 29.0

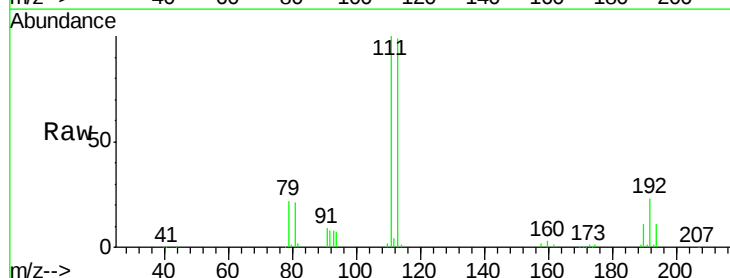


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

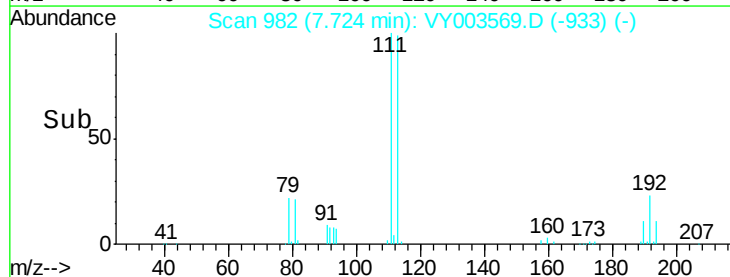
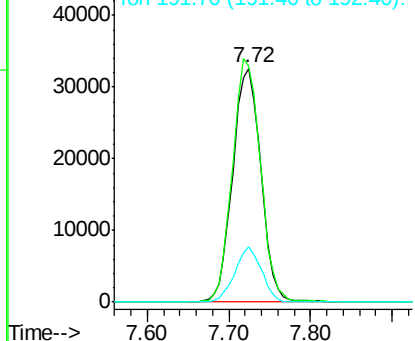


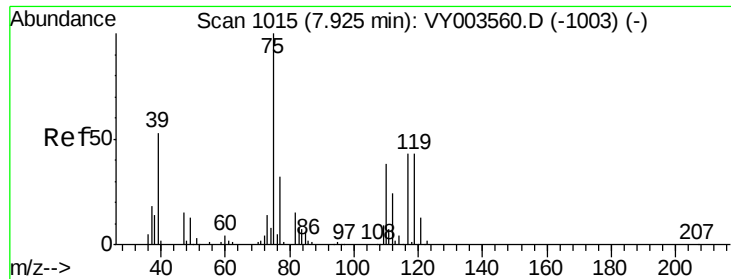
#35
Dibromofluoromethane
Concen: 52.059 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003569.D
Acq: 20 Nov 2020 15:49

Tgt Ion:113 Resp: 77698
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 22.2 18.1 27.1



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

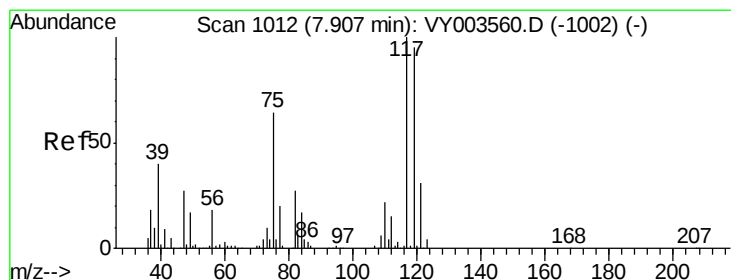
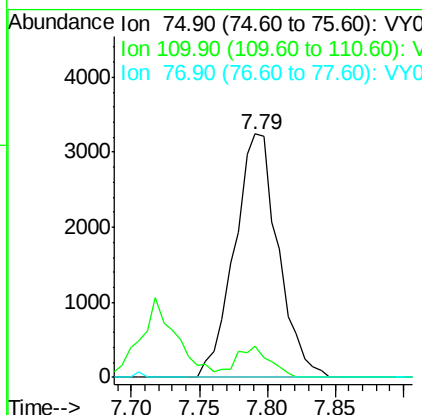
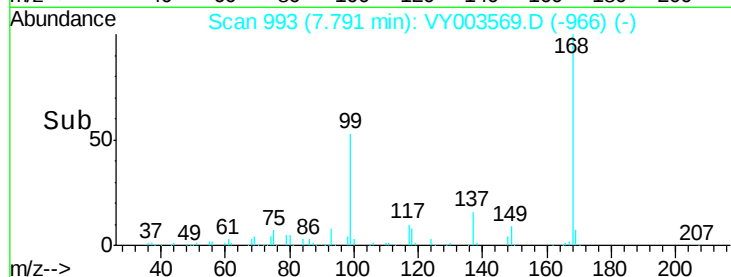
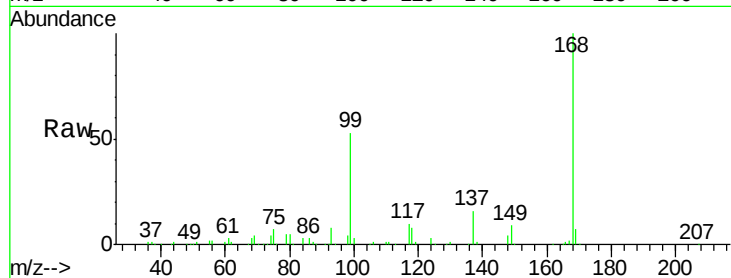




#36
 1,1-Dichloropropene
 Concen: 3.253 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY003569.D
 Acq: 20 Nov 2020 15:49

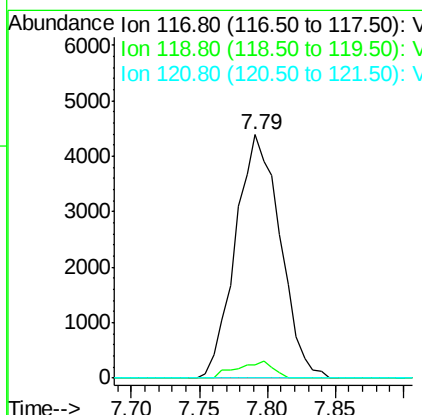
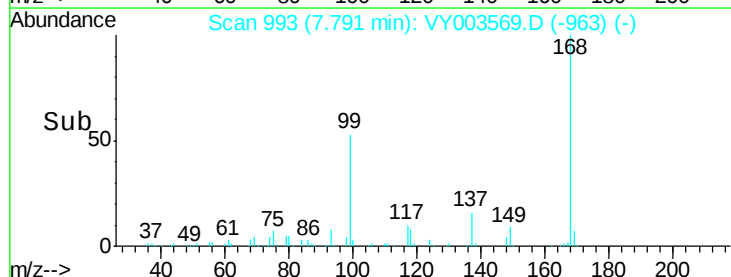
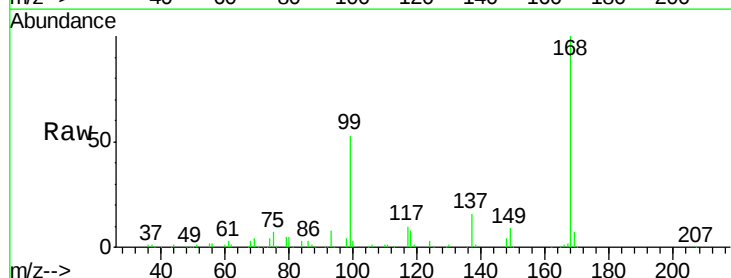
Instrument :
 MSVOA_Y
 ClientSampleId :

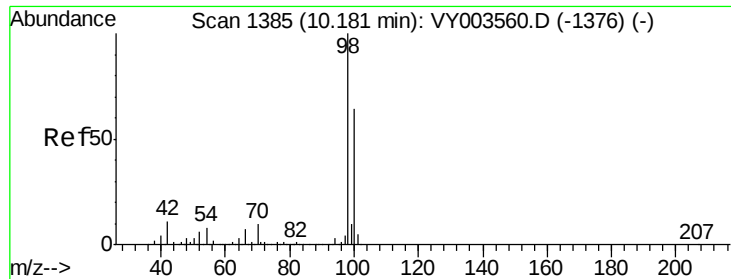
Tot Ion: 75 Resp: 7272
 Ion Ratio Lower Upper
 75 100
 110 10.0 18.7 56.1#
 77 0.0 25.4 38.2#



#38
 Carbon Tetrachloride
 Concen: 4.871 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VY003569.D
 Acq: 20 Nov 2020 15:49

Tgt Ion: 117 Resp: 10087
 Ion Ratio Lower Upper
 117 100
 119 5.2 76.3 114.5#
 121 0.0 25.1 37.7#





#50

Toluene-d8

Concen: 47.723 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY003569.D

Acq: 20 Nov 2020 15:49

Instrument :

MSVOA_Y

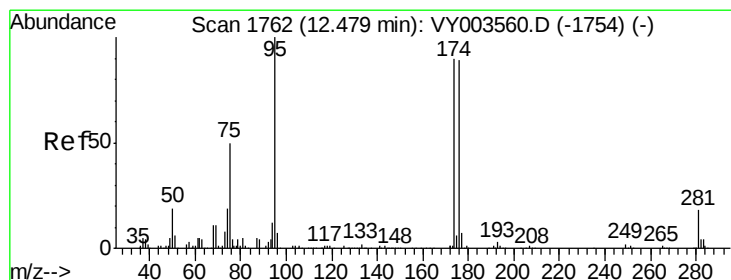
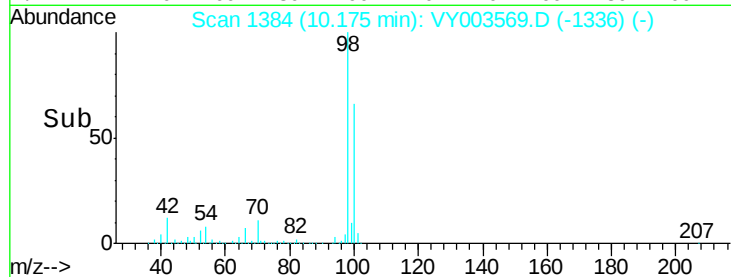
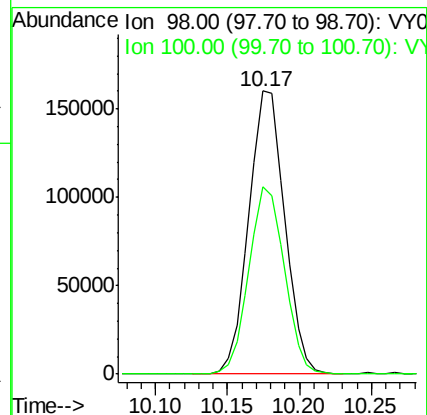
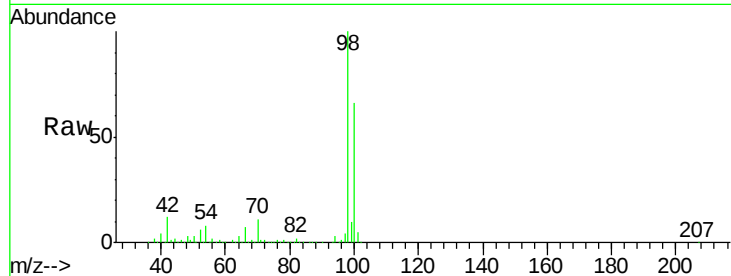
ClientSampleId :

Tot Ion: 98 Resp: 276967

Ion Ratio Lower Upper

98 100

100 65.2 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 44.219 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003569.D

Acq: 20 Nov 2020 15:49

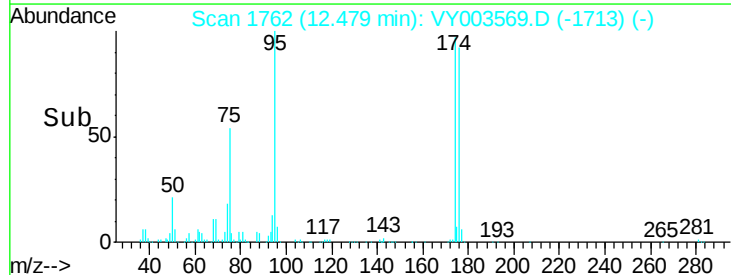
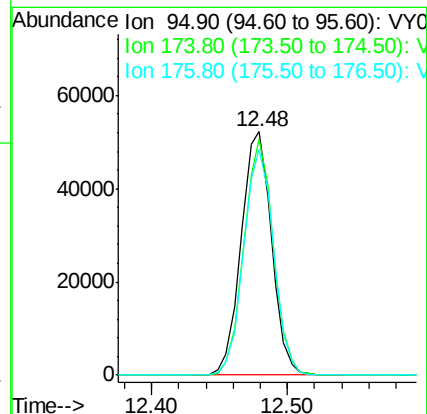
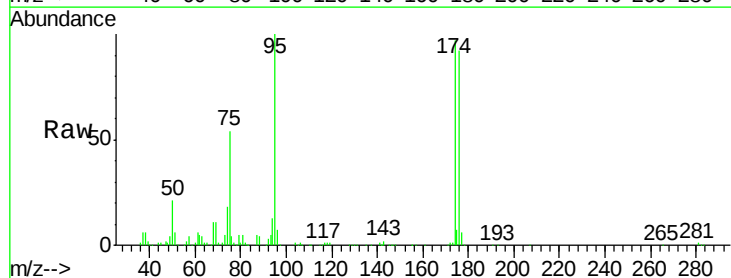
Tgt Ion: 95 Resp: 81443

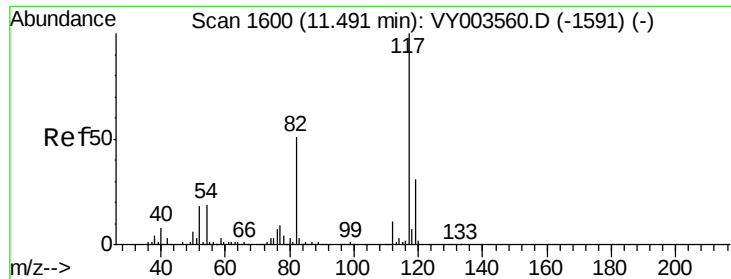
Ion Ratio Lower Upper

95 100

174 93.6 0.0 184.0

176 91.1 0.0 180.4

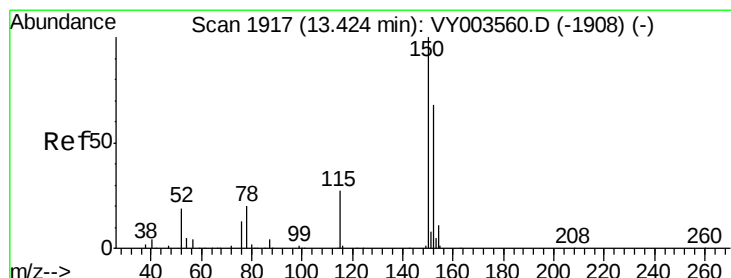
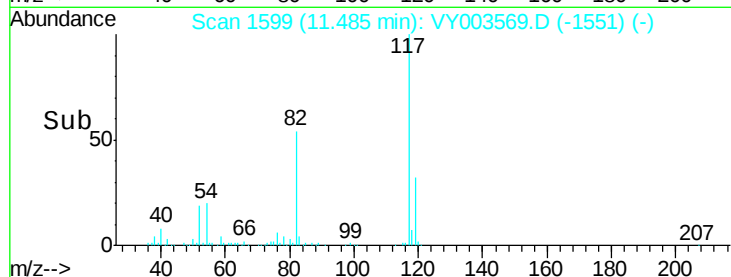
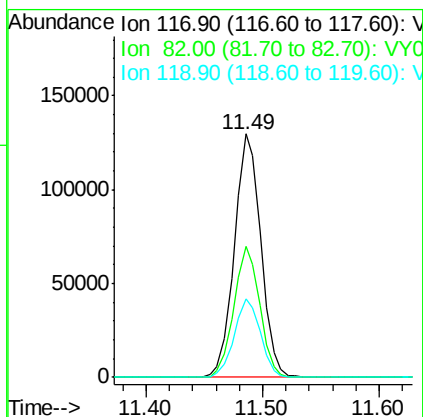
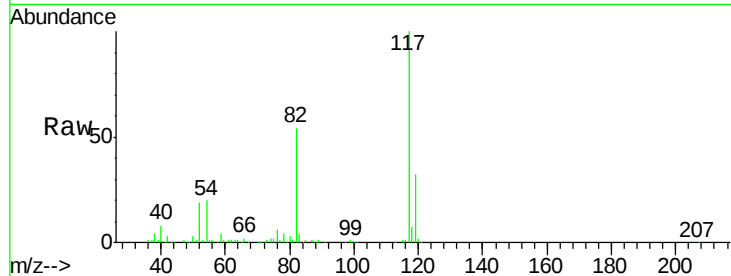




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003569.D
Acq: 20 Nov 2020 15:49

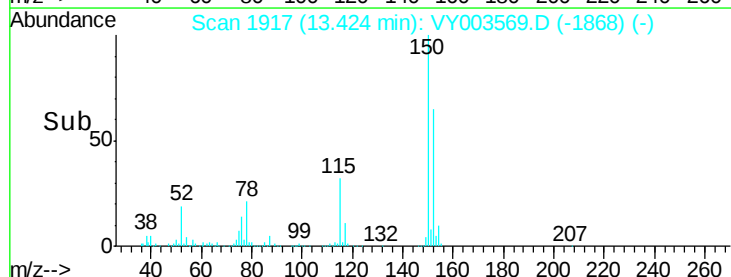
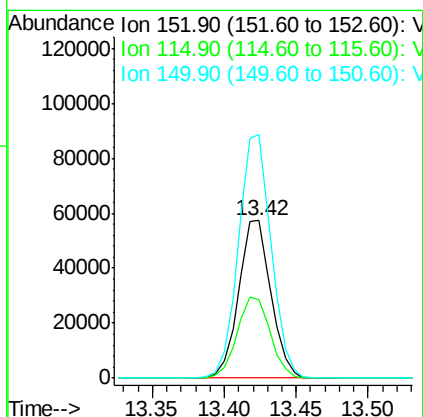
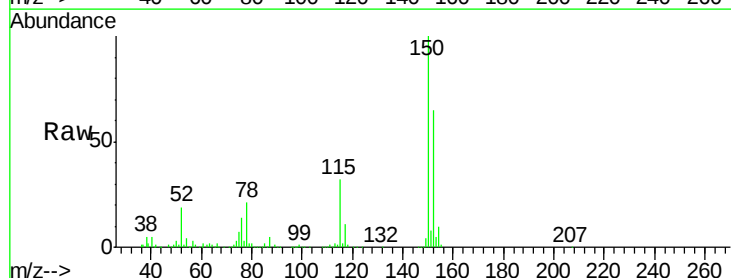
Instrument :
MSVOA_Y
ClientSampleId :

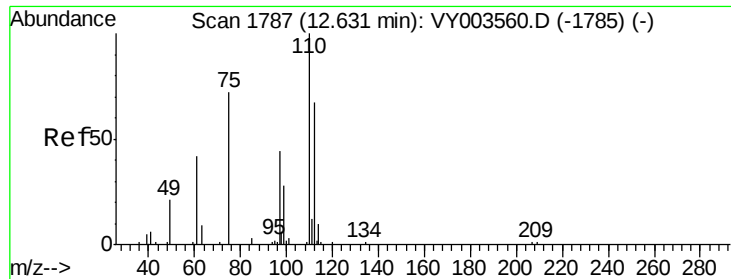
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	41.0	61.6
119	32.3	25.0	37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003569.D
Acq: 20 Nov 2020 15:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.1	27.4	82.0
150	156.2	0.0	349.6





#76

1,2,3-Trichloropropane

Concen: 49.187 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003569.D

Acq: 20 Nov 2020 15:49

Instrument :

MSVOA_Y

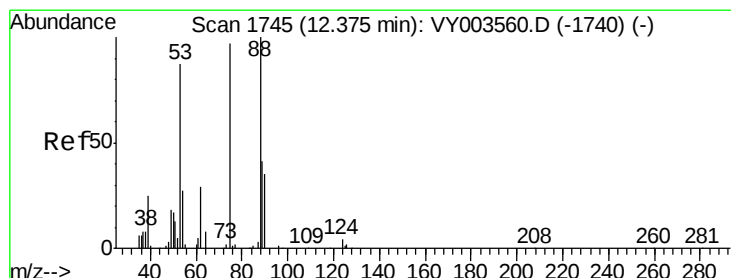
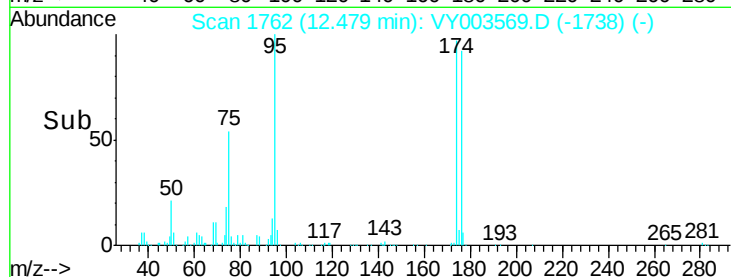
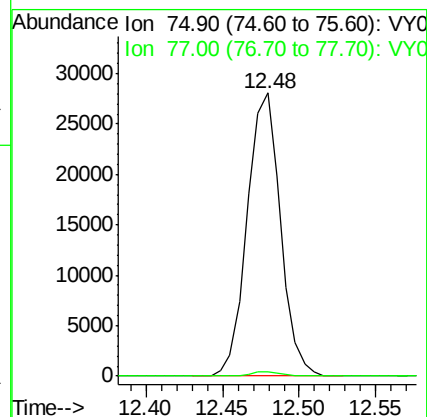
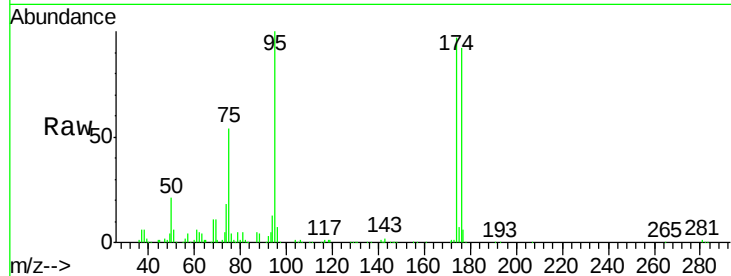
ClientSampleId :

Tot Ion: 75 Resp: 42419

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.193 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003569.D

Acq: 20 Nov 2020 15:49

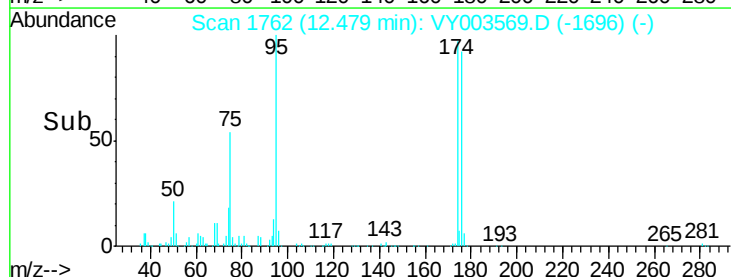
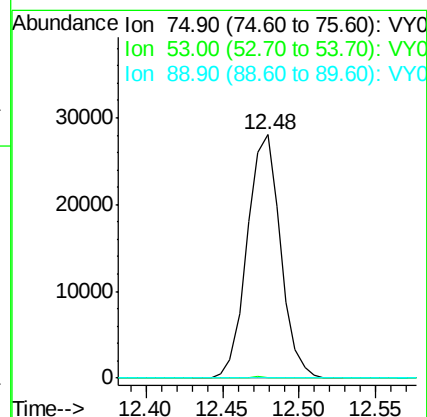
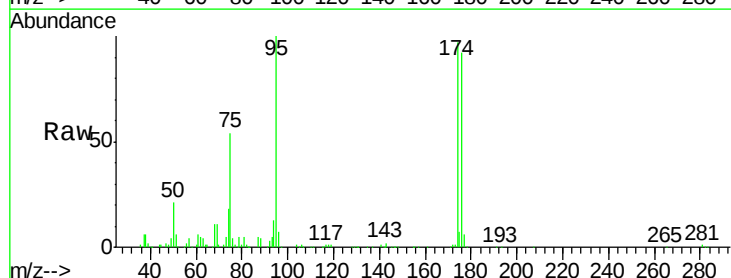
Tgt Ion: 75 Resp: 42419

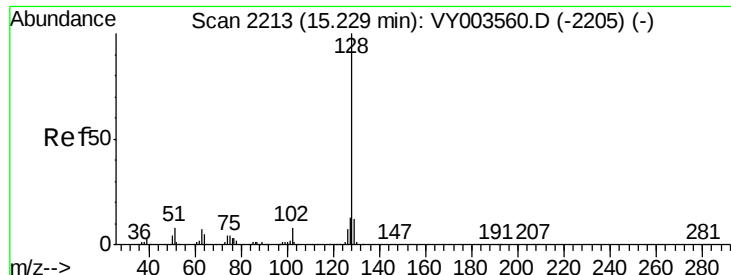
Ion Ratio Lower Upper

75 100

53 0.2 71.4 107.2#

89 0.0 34.7 52.1#





#95

Naphthalene

Concen: 1.207 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. 0.00 min

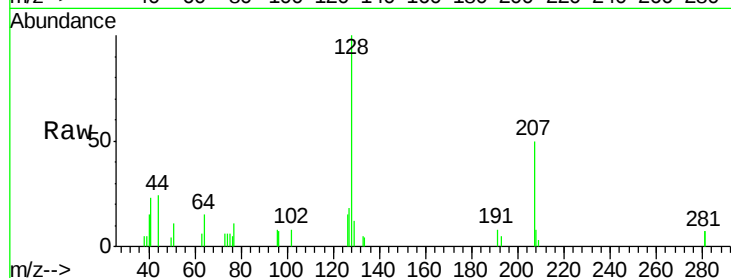
Lab File: VY003569.D

Acq: 20 Nov 2020 15:49

Instrument :

MSVOA_Y

ClientSampleId :



Tot Ion:128 Resp: 2736

Ion Ratio Lower Upper

128 100

127 16.9 10.3 15.5#

129 10.0 9.0 13.4

