

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
 Data File : VY003286.D
 Acq On : 22 Jul 2020 14:21
 Operator : SY/MD
 Sample : L3344-10RE
 Misc : 8.21G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-14-D2

Quant Time: Jul 23 05:42:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	394609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	615221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	567071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	274306	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	198337	59.55	ug/l	0.00
Spiked Amount			Recovery	=	119.10%	
35) Dibromofluoromethane	7.72	113	190808	53.89	ug/l	0.00
Spiked Amount			Recovery	=	107.78%	
50) Toluene-d8	10.18	98	753838	57.27	ug/l	0.00
Spiked Amount			Recovery	=	114.54%	
62) 4-Bromofluorobenzene	12.48	95	238908	50.24	ug/l	0.00
Spiked Amount			Recovery	=	100.48%	

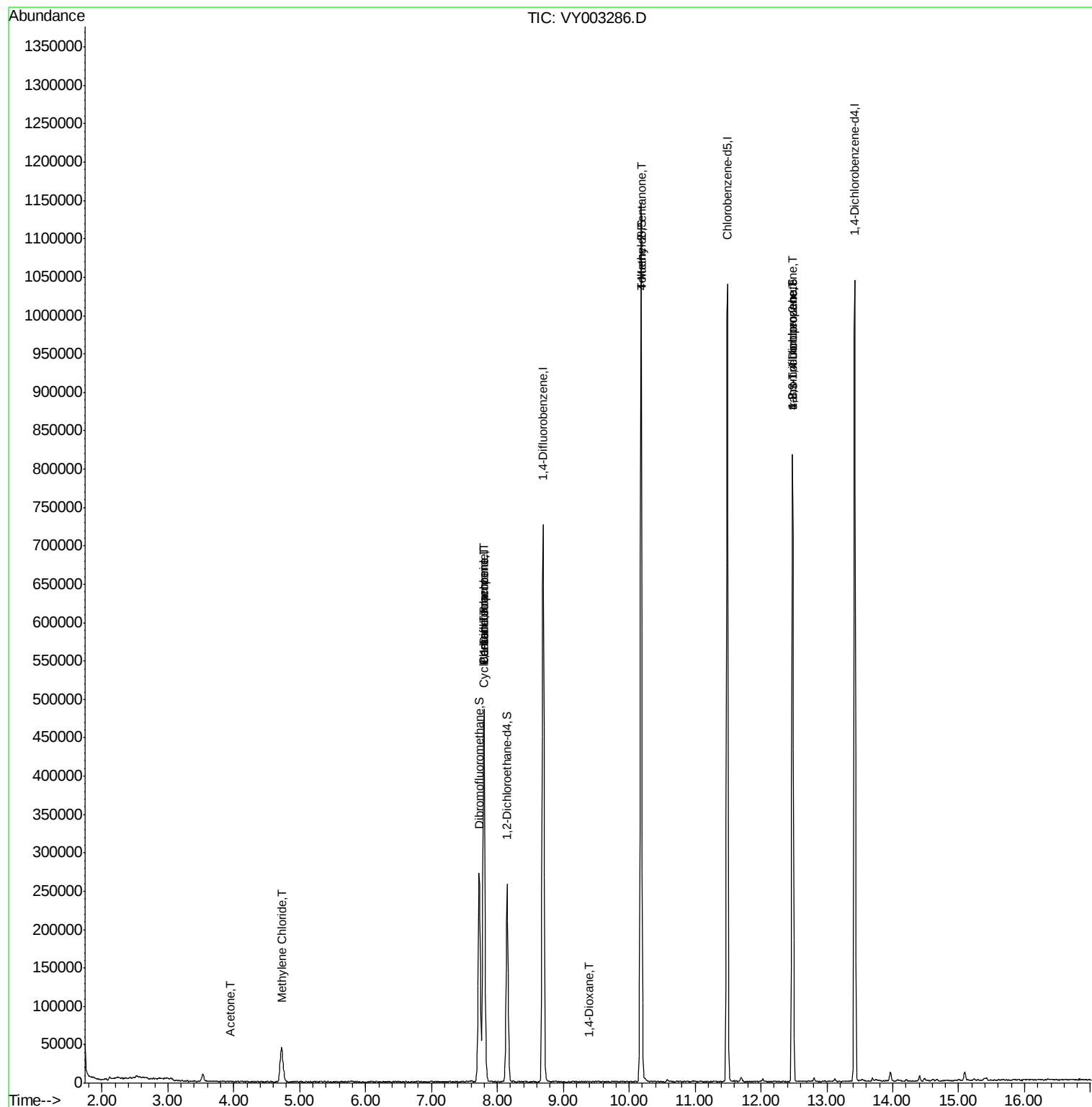
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.94	43	976	1.312	ug/l #	82
20) Methylene Chloride	4.72	84	34902	4.302	ug/l	94
31) Cyclohexane	7.78	56	7078	1.168	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	27437	4.921	ug/l #	50
38) Carbon Tetrachloride	7.80	117	35616	6.187	ug/l #	18
49) 1,4-Dioxane	9.39	88	32	1.087	ug/l #	28
51) 4-Methyl-2-Pentanone	10.18	43	3158	1.045	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	124035	51.084	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	124035	99.418	ug/l #	13

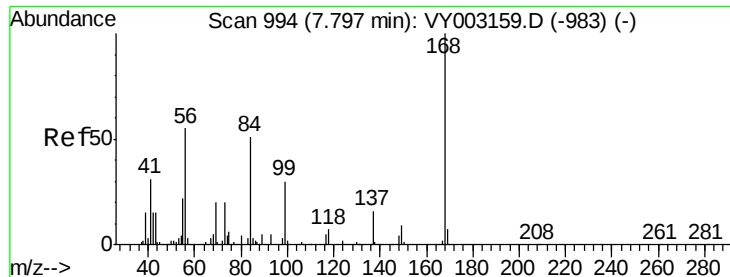
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003286.D

Acq: 22 Jul 2020 14:21

Instrument :

MSVOA_Y

ClientSampleId :

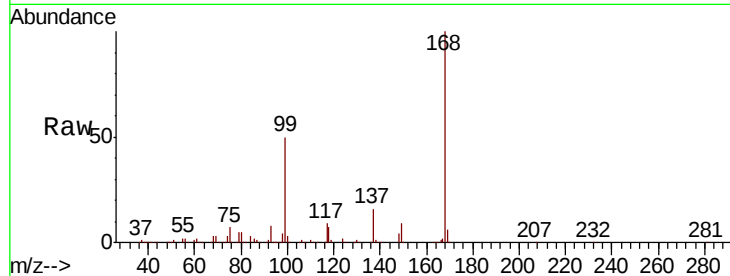
TP-14-D2

Tot Ion:168 Resp: 394609

Ion Ratio Lower Upper

168 100

99 49.7 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

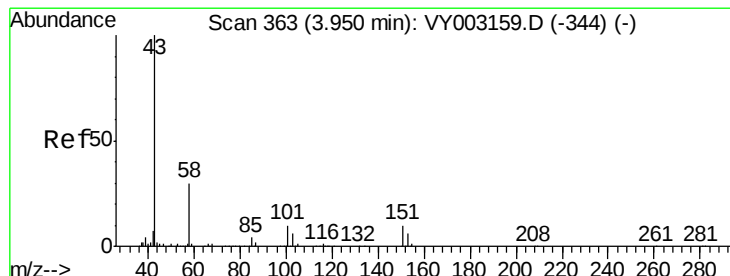
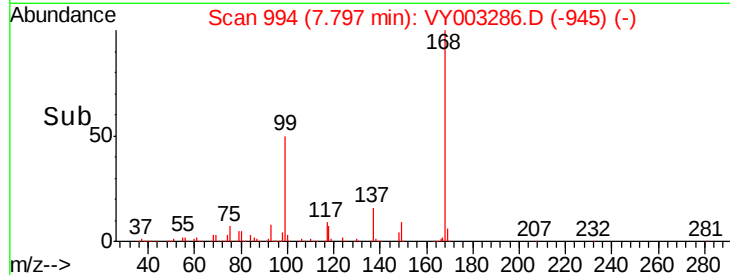
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.312 ug/l

RT: 3.94 min Scan# 362

Delta R.T. -0.01 min

Lab File: VY003286.D

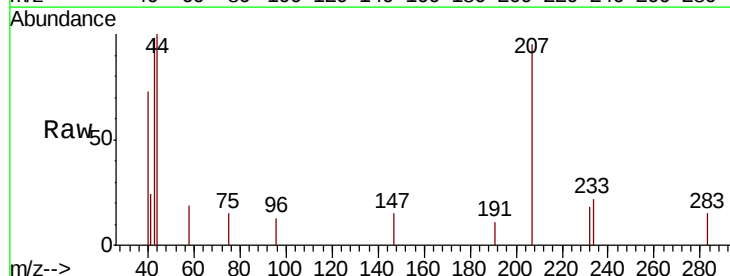
Acq: 22 Jul 2020 14:21

Tgt Ion: 43 Resp: 976

Ion Ratio Lower Upper

43 100

58 19.8 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VY003159.D (-344) (-)

Ion 58.00 (57.70 to 58.70): VY003159.D (-344) (-)

3.94

500

400

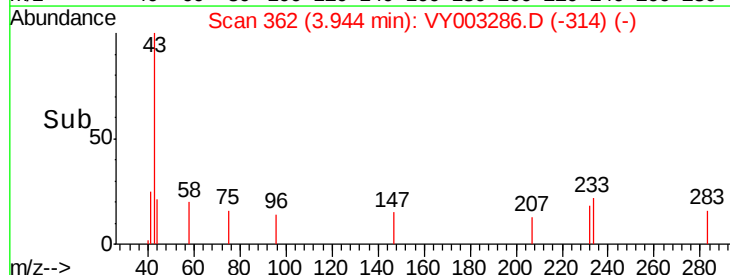
300

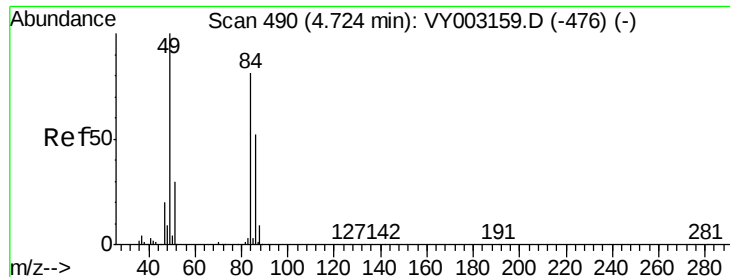
200

100

0

Time-->

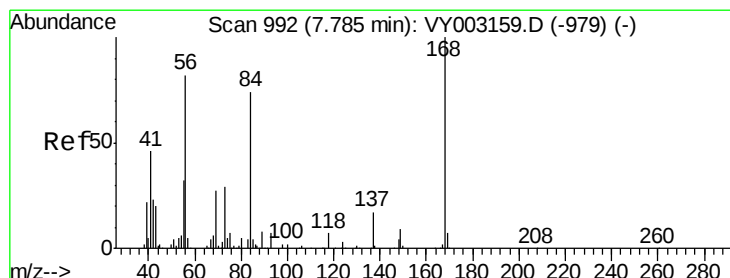
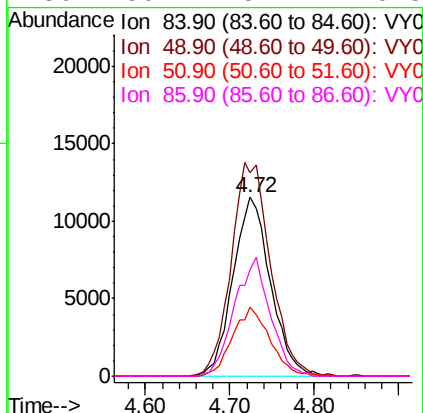
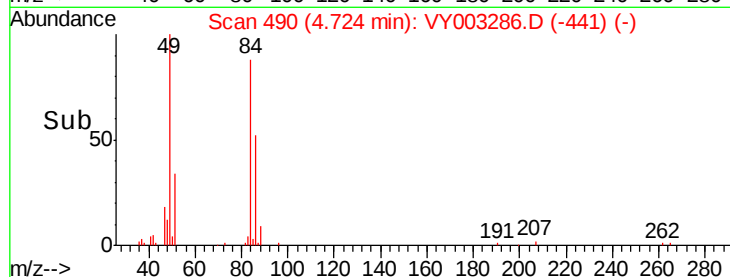
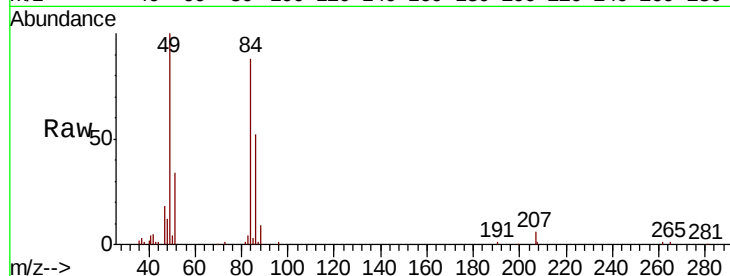




#20
Methvlene Chloride
Concen: 4.302 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003286.D
Acq: 22 Jul 2020 14:21

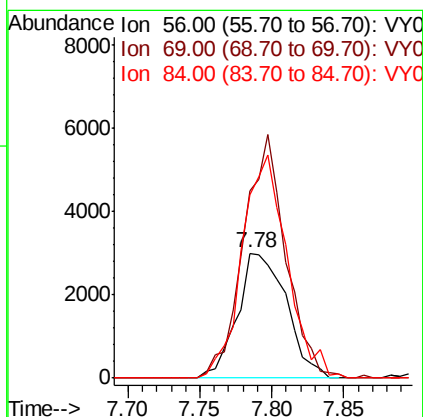
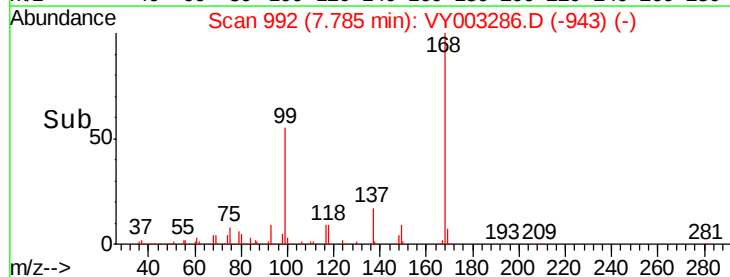
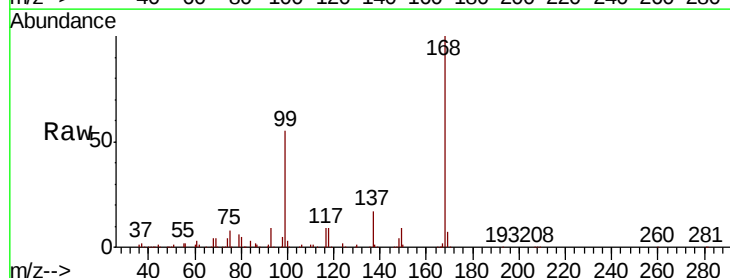
Instrument :
MSVOA_Y
ClientSampleId :
TP-14-D2

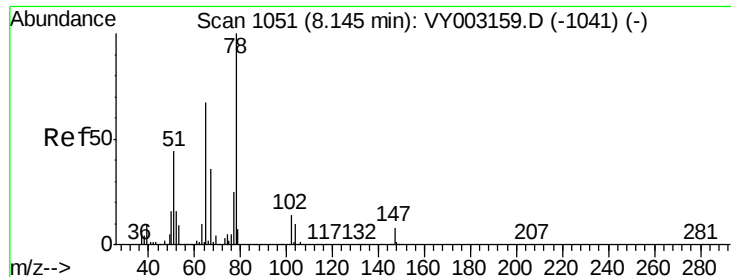
Tot Ion:	84	Resp:	34902
Ion	Ratio	Lower	Upper
84	100		
49	114.3	98.2	147.4
51	38.5	29.8	44.6
86	59.7	51.2	76.8



#31
Cyclohexane
Concen: 1.168 ug/l
RT: 7.78 min Scan# 992
Delta R.T. 0.00 min
Lab File: VY003286.D
Acq: 22 Jul 2020 14:21

Tgt Ion:	56	Resp:	7078
Ion	Ratio	Lower	Upper
56	100		
69	149.7	26.7	40.1#
84	146.6	72.3	108.5#

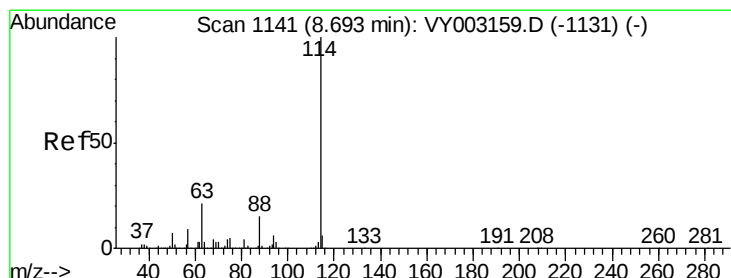
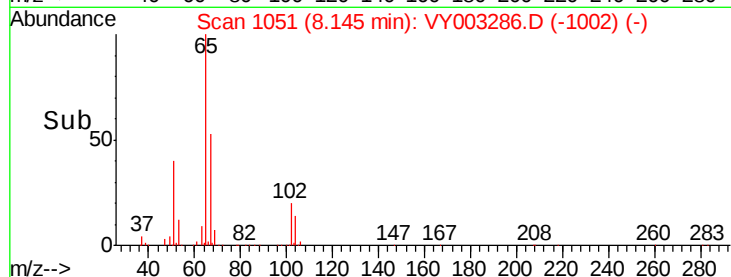
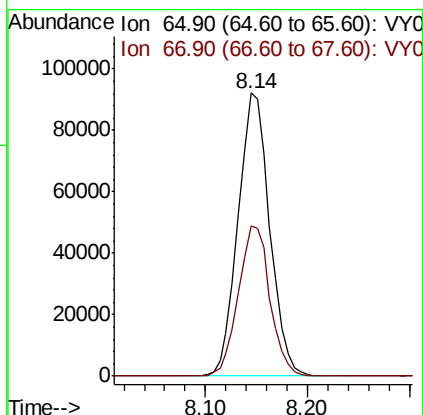
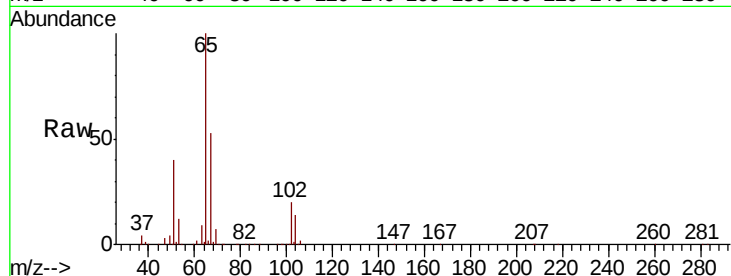




#33
 1,2-Dichloroethane-d4
 Concen: 59.549 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003286.D
 Acq: 22 Jul 2020 14:21

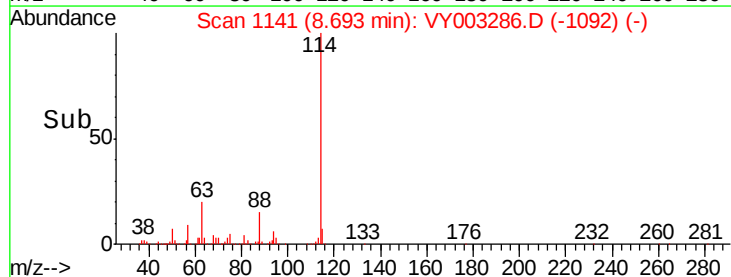
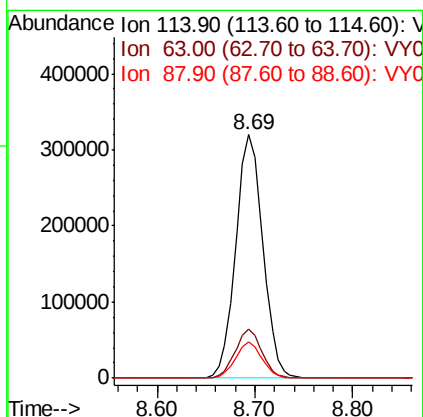
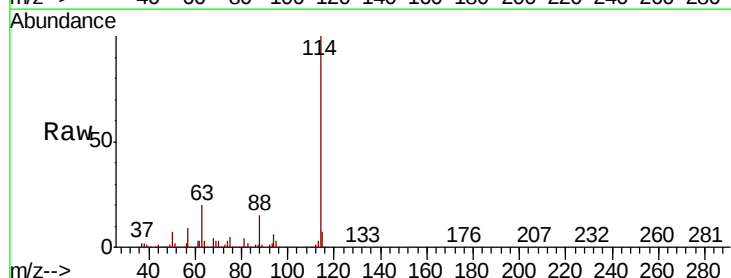
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-14-D2

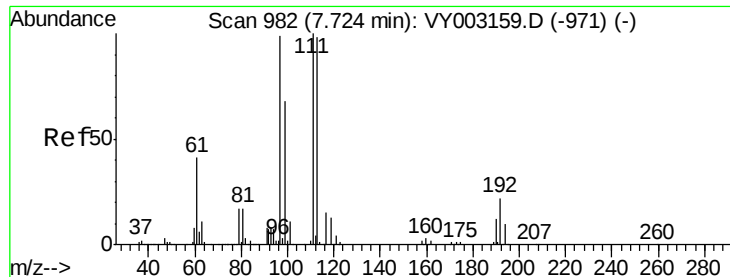
Tot Ion: 65 Resp: 198337
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003286.D
 Acq: 22 Jul 2020 14:21

Tgt Ion: 114 Resp: 615221
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.2
 88 14.7 0.0 30.2

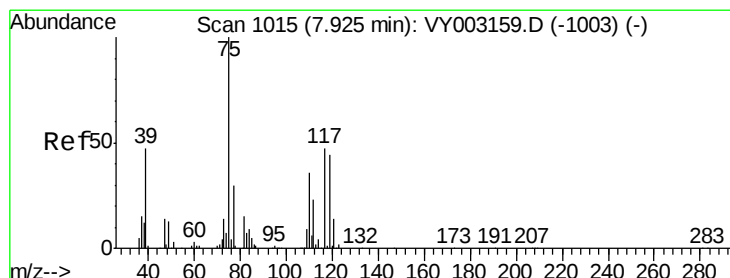
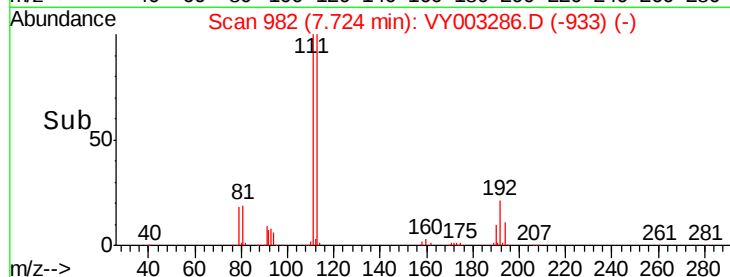
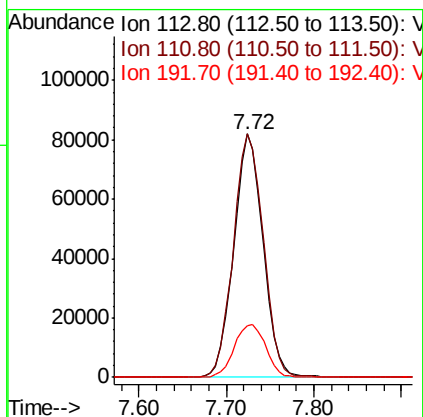
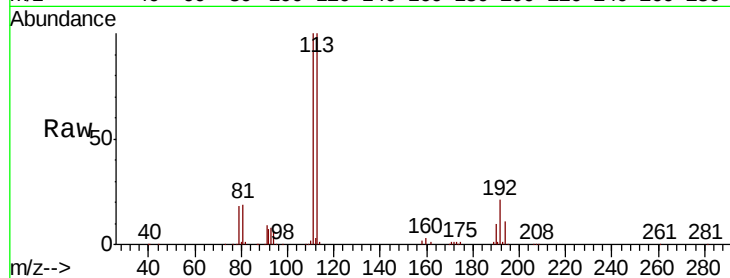




#35
 Dibromofluoromethane
 Concen: 53.894 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003286.D
 Acq: 22 Jul 2020 14:21

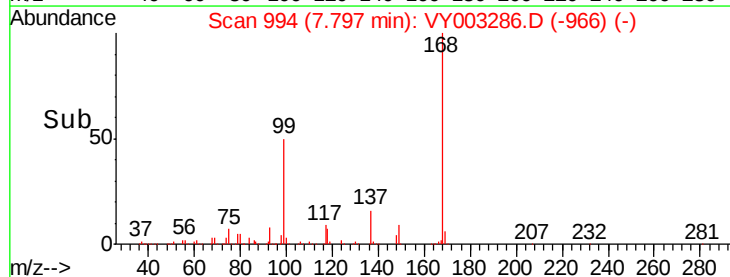
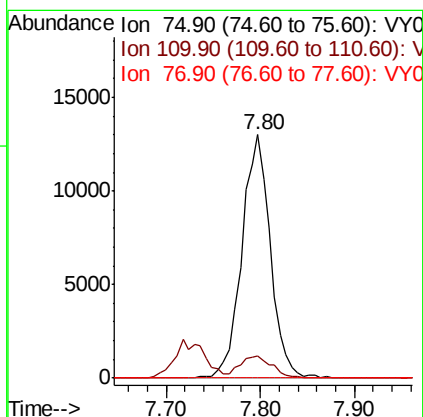
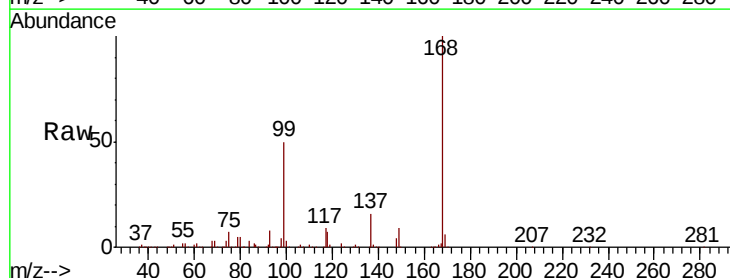
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-14-D2

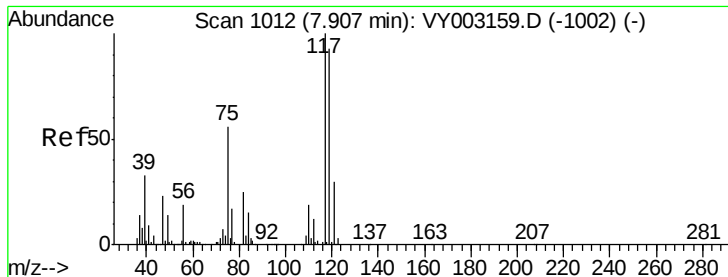
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.1	123.1
192	23.3	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 4.921 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003286.D
 Acq: 22 Jul 2020 14:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.1	54.1#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.187 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003286.D

Acq: 22 Jul 2020 14:21

Instrument :

MSVOA_Y

ClientSampleId :

TP-14-D2

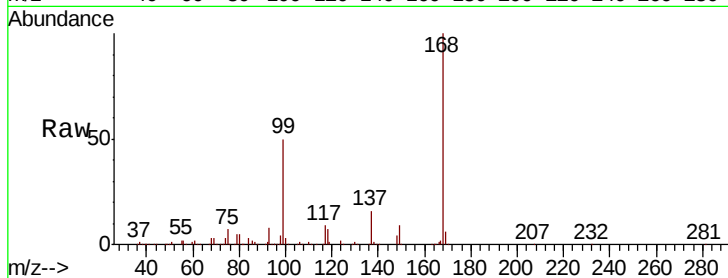
Tot Ion:117 Resp: 35616

Ion Ratio Lower Upper

117 100

119 5.7 74.5 111.7#

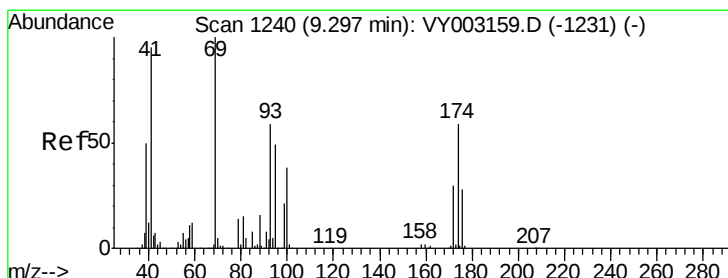
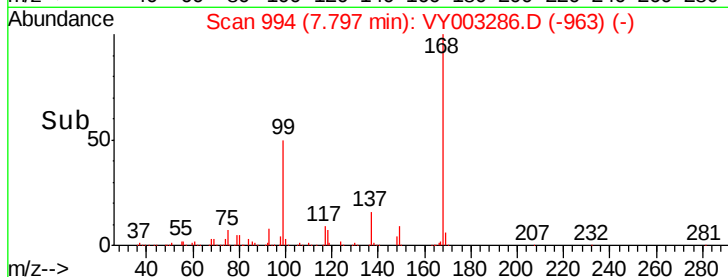
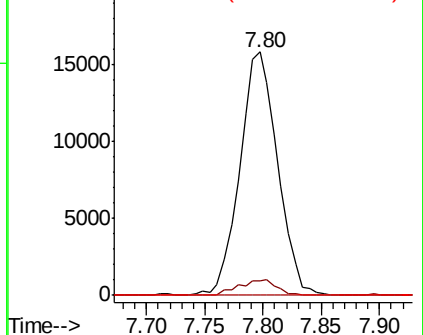
121 0.0 24.2 36.2#



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



#49

1,4-Dioxane

Concen: 1.087 ug/l

RT: 9.39 min Scan# 1255

Delta R.T. 0.09 min

Lab File: VY003286.D

Acq: 22 Jul 2020 14:21

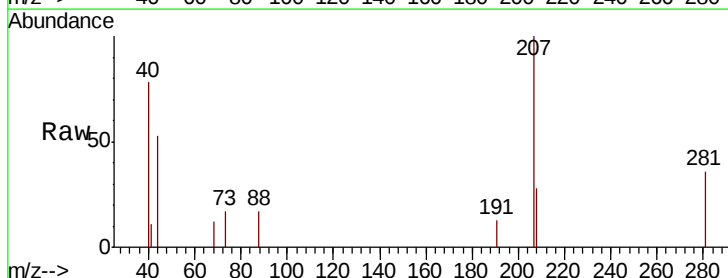
Tgt Ion: 88 Resp: 32

Ion Ratio Lower Upper

88 100

43 0.0 25.6 38.4#

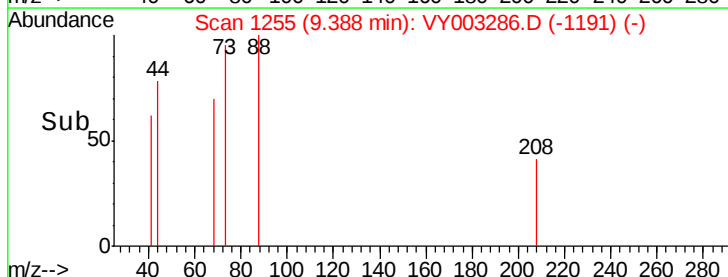
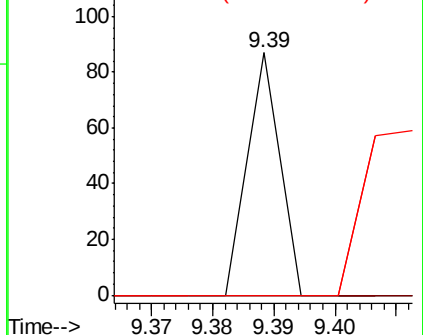
58 0.0 47.8 71.6#

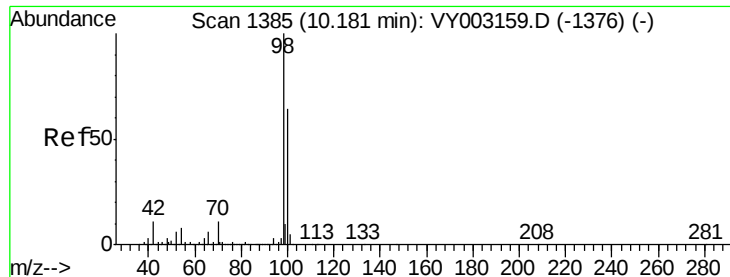


Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#50

Toluene-d8

Concen: 57.270 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003286.D

Acq: 22 Jul 2020 14:21

Instrument :

MSVOA_Y

ClientSampleId :

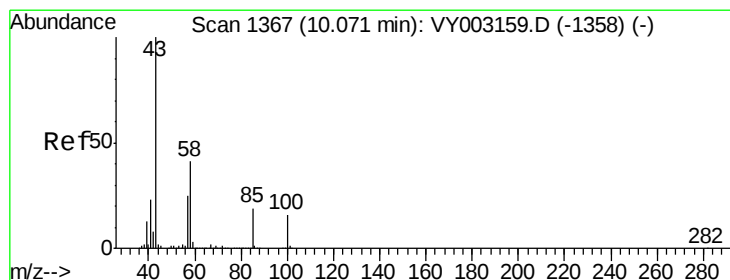
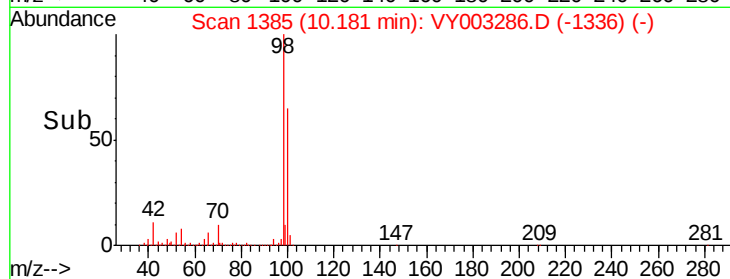
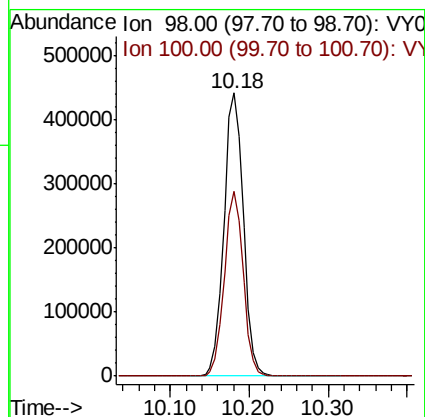
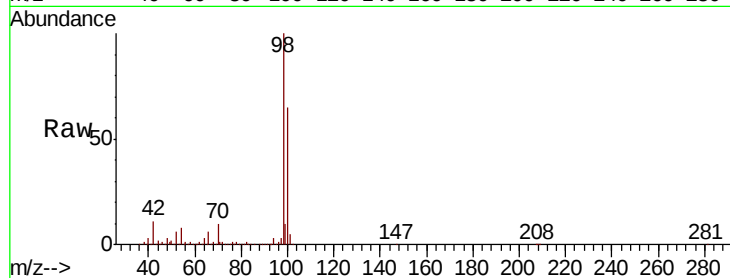
TP-14-D2

Tot Ion: 98 Resp: 753838

Ion Ratio Lower Upper

98 100

100 63.4 50.7 76.1



#51

4-Methyl-2-Pentanone

Concen: 1.045 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.11 min

Lab File: VY003286.D

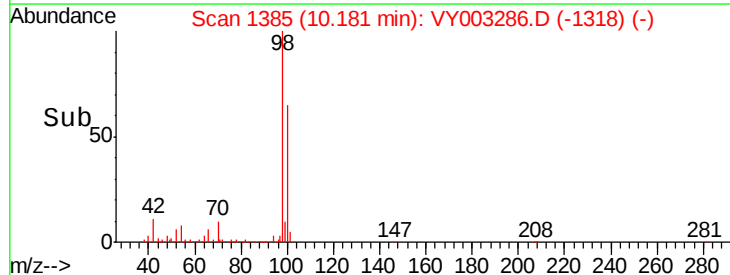
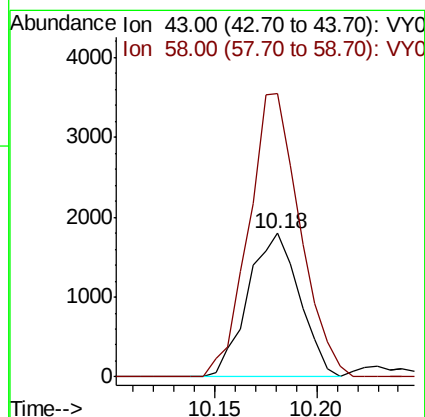
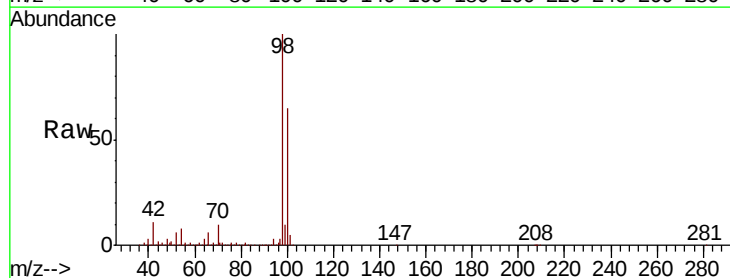
Acq: 22 Jul 2020 14:21

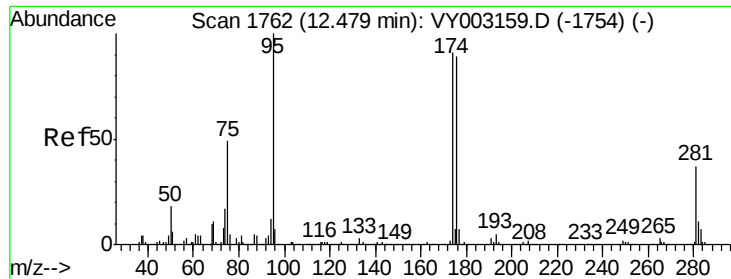
Tgt Ion: 43 Resp: 3158

Ion Ratio Lower Upper

43 100

58 196.5 32.7 49.1#

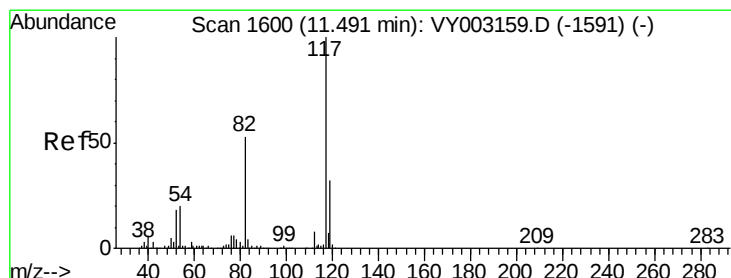
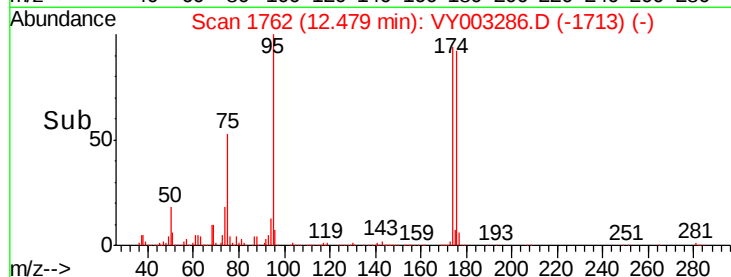
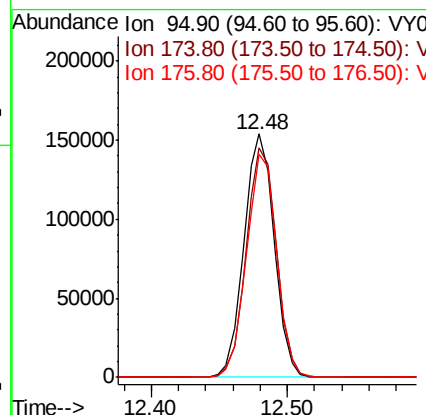
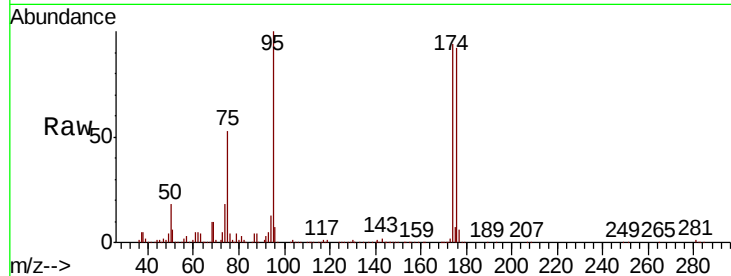




#62
4-Bromofluorobenzene
Concen: 50.241 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003286.D
Acq: 22 Jul 2020 14:21

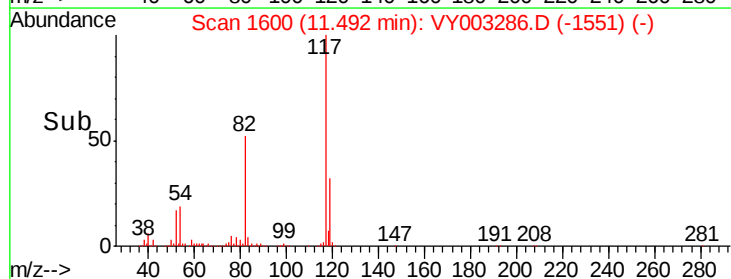
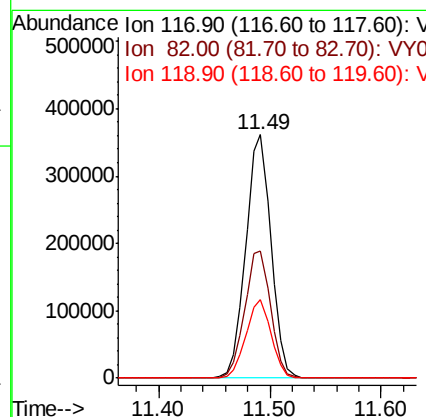
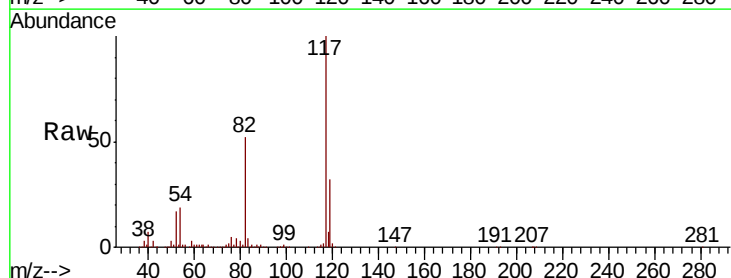
Instrument :
MSVOA_Y
ClientSampleId :
TP-14-D2

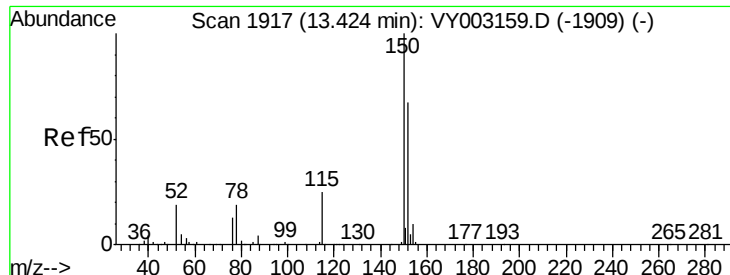
Tot Ion	Ratio	Lower	Upper
95	100		
174	94.4	0.0	190.6
176	92.0	0.0	186.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003286.D
Acq: 22 Jul 2020 14:21

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.0	63.0
119	32.2	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003286.D

Acq: 22 Jul 2020 14:21

Instrument :

MSVOA_Y

ClientSampleId :

TP-14-D2

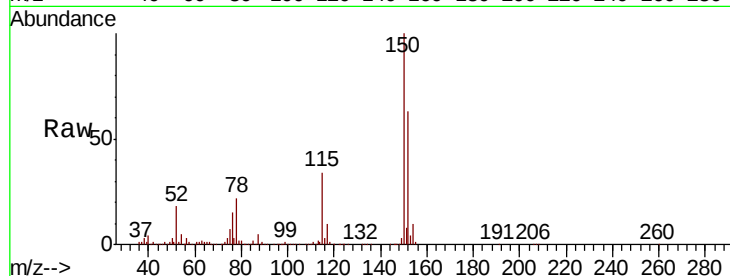
Tot Ion:152 Resp: 274306

Ion Ratio Lower Upper

152 100

115 54.6 26.9 80.7

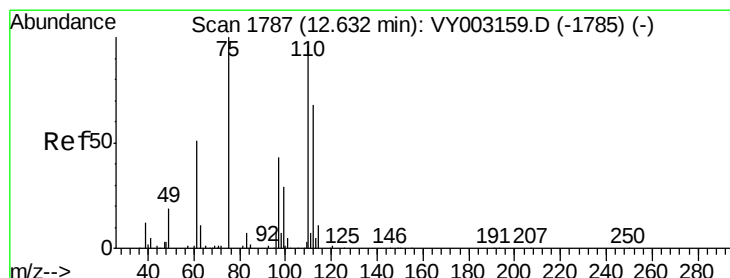
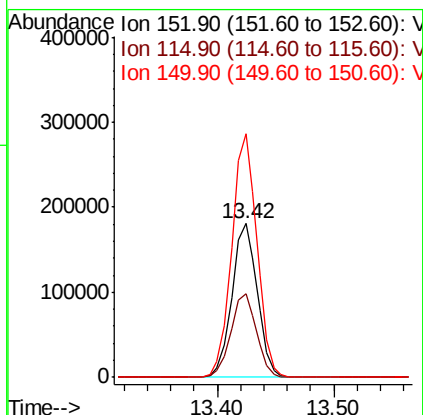
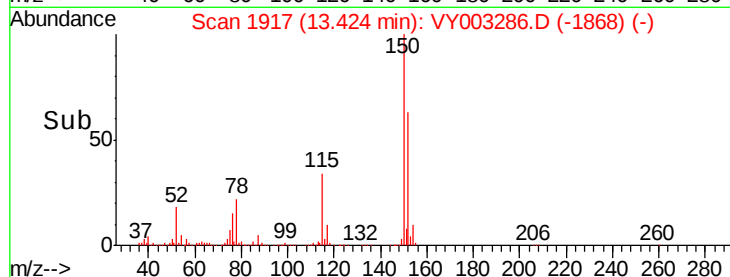
150 156.5 0.0 338.0



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: 51.084 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003286.D

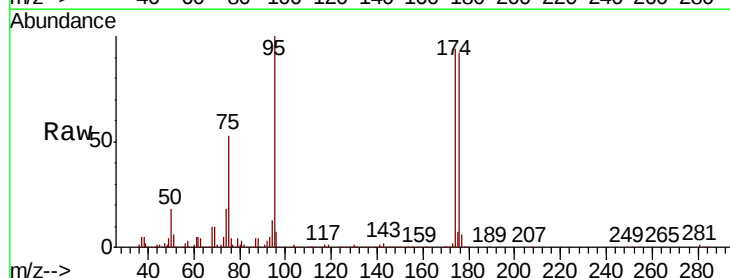
Acq: 22 Jul 2020 14:21

Tgt Ion: 75 Resp: 124035

Ion Ratio Lower Upper

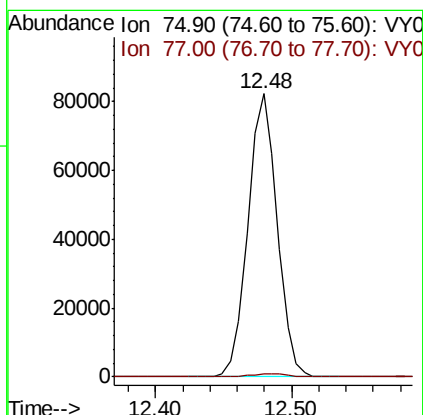
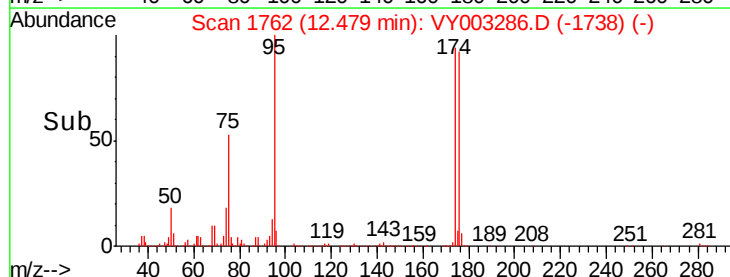
75 100

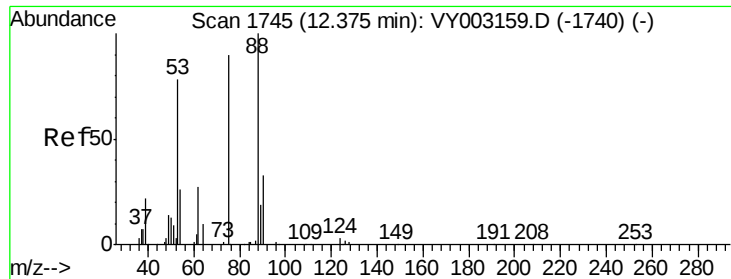
77 1.2 0.0 0.0#



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: 99.418 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003286.D

Acq: 22 Jul 2020 14:21

Instrument :

MSVOA_Y

ClientSampleId :

TP-14-D2

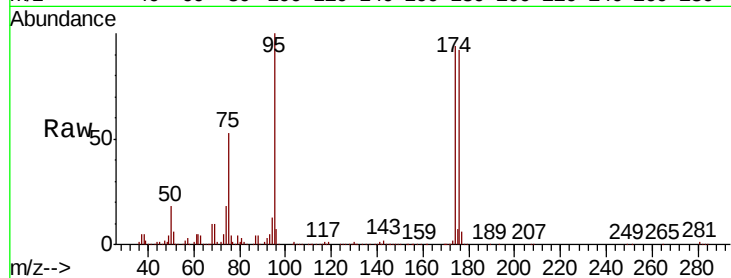
Tot Ion: 75 Resp: 124035

Ion Ratio Lower Upper

75 100

53 0.1 72.0 108.0#

89 0.1 37.3 55.9#



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

