

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003262.D
 Acq On : 21 Jul 2020 20:27
 Operator : SY/MD
 Sample : L3344-02
 Misc : 9.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-15-S2

Quant Time: Jul 22 02:46:00 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

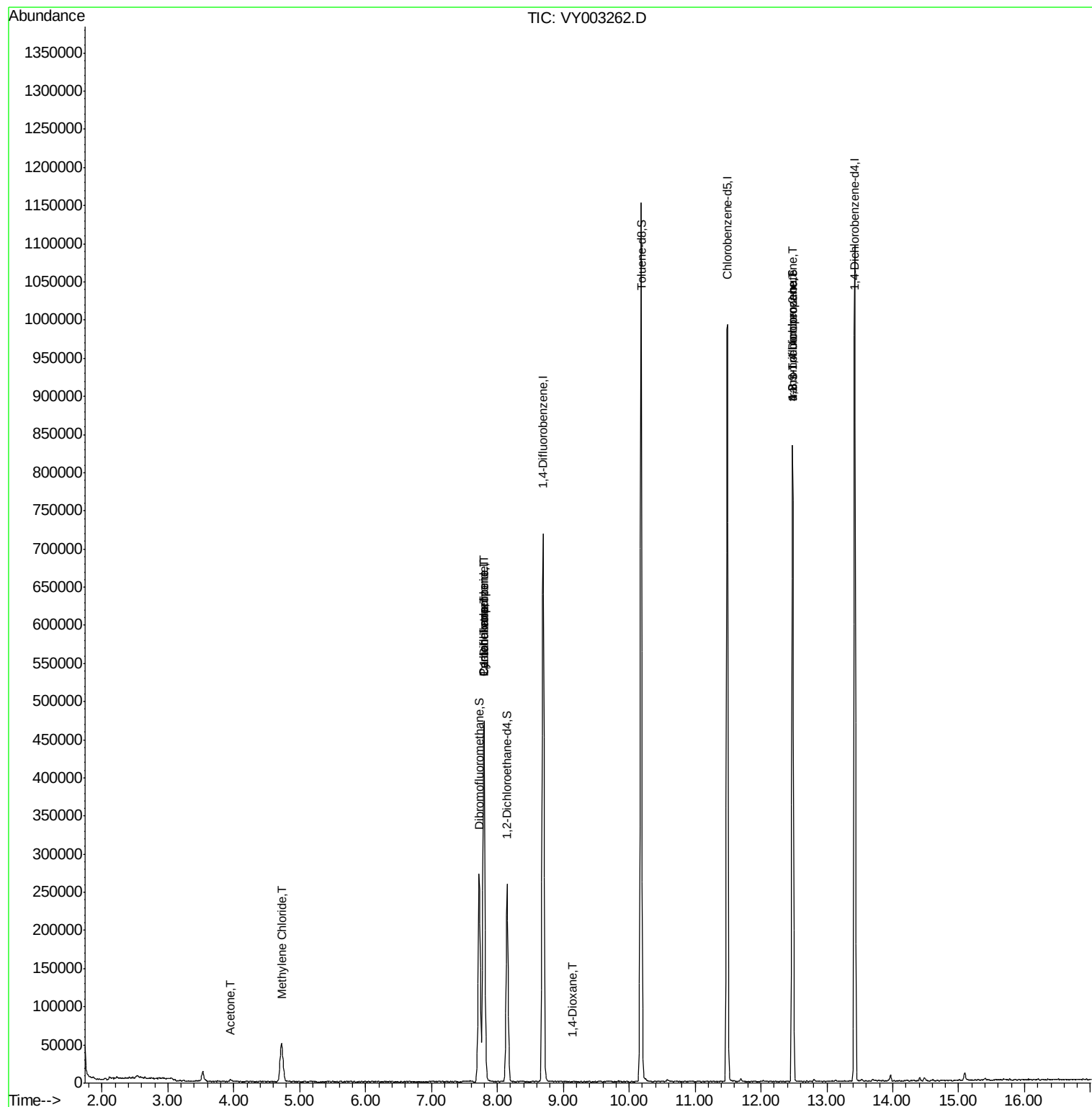
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	393065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	616159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	561451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	289351	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	200916	60.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.12%	
35) Dibromofluoromethane	7.72	113	191749	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.16%	
50) Toluene-d8	10.18	98	747221	56.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.36%	
62) 4-Bromofluorobenzene	12.48	95	241566	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	4407	5.947	ug/l	96
20) Methylene Chloride	4.72	84	40609	6.062	ug/l	93
31) Cyclohexane	7.79	56	7192	1.192	ug/l #	4
36) 1,1-Dichloropropene	7.80	75	26883	4.814	ug/l #	50
38) Carbon Tetrachloride	7.80	117	34271	5.945	ug/l #	18
49) 1,4-Dioxane	9.14	88	43	1.458	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	121369	47.387	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	121369	92.223	ug/l #	13

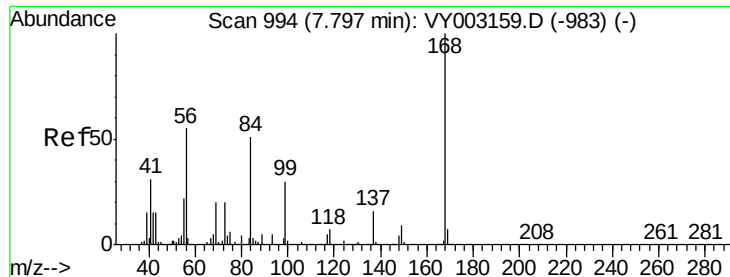
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003262.D

Acq: 21 Jul 2020 20:27

Instrument :

MSVOA_Y

ClientSampleId :

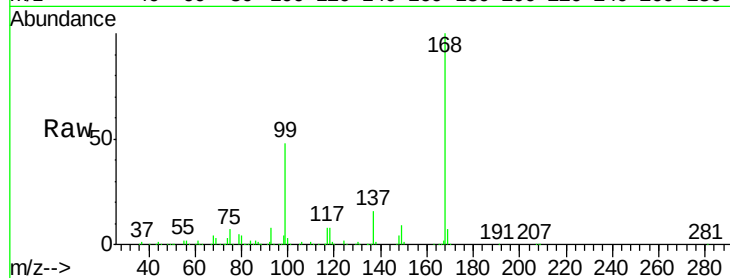
TP-15-S2

Tot Ion:168 Resp: 393065

Ion Ratio Lower Upper

168 100

99 47.9 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

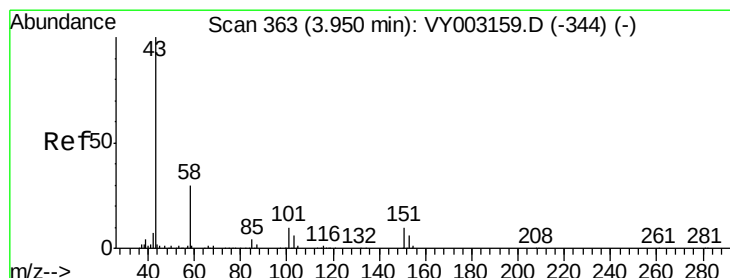
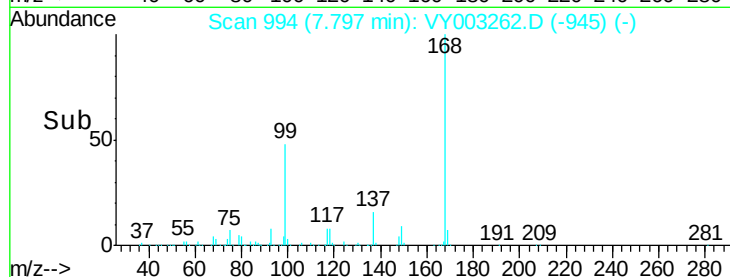
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.947 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003262.D

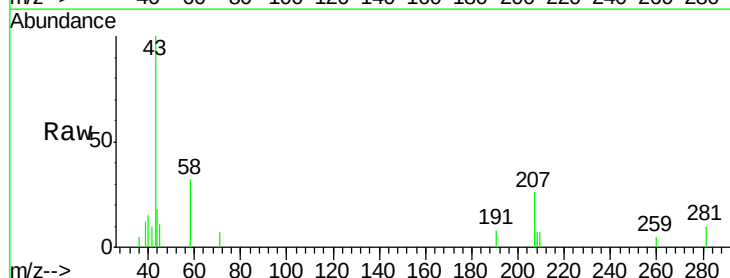
Acq: 21 Jul 2020 20:27

Tgt Ion: 43 Resp: 4407

Ion Ratio Lower Upper

43 100

58 31.6 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) (-)

3.96

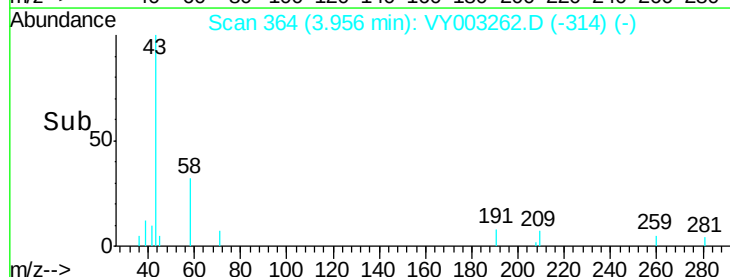
1500

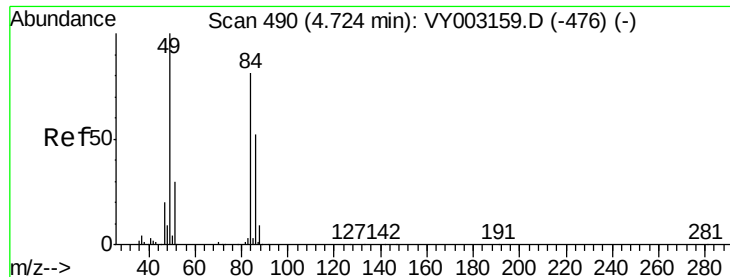
1000

500

0

Time-->

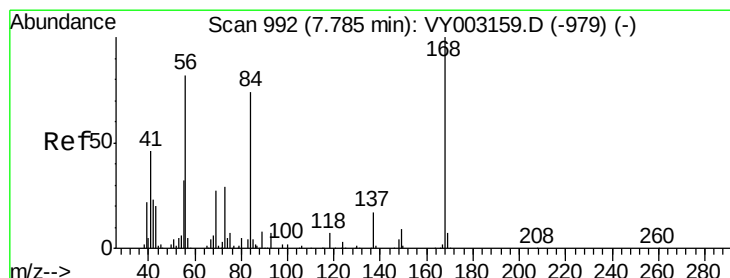
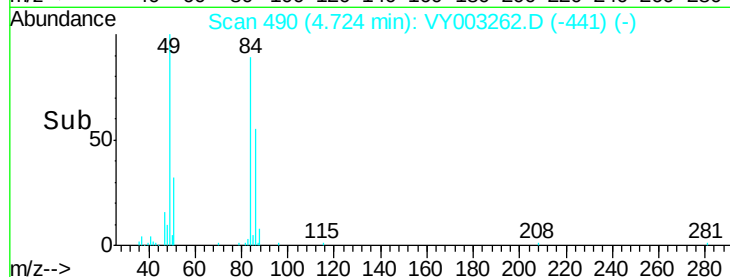
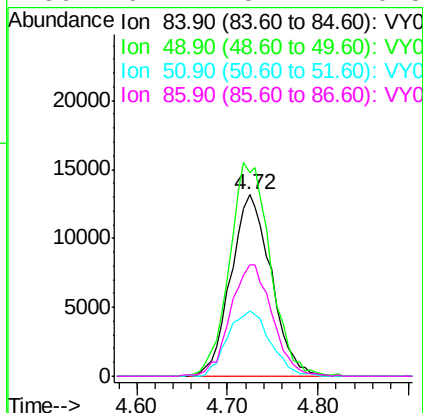
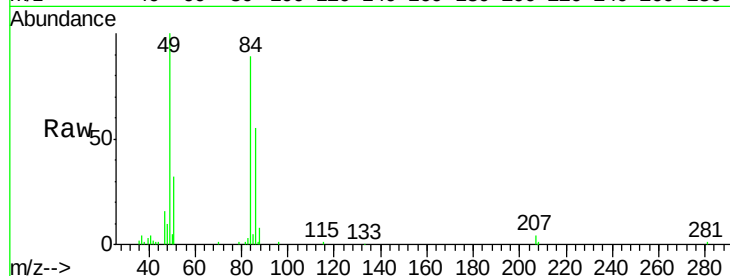




#20
Methylene Chloride
Concen: 6.062 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003262.D
Acq: 21 Jul 2020 20:27

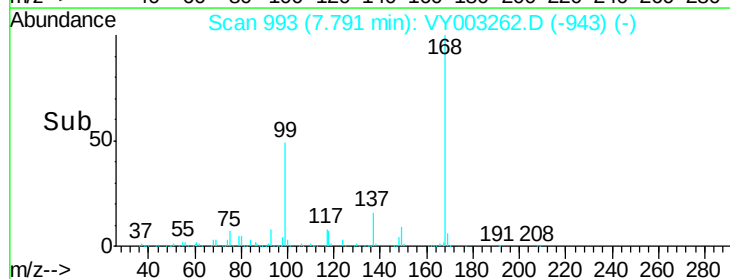
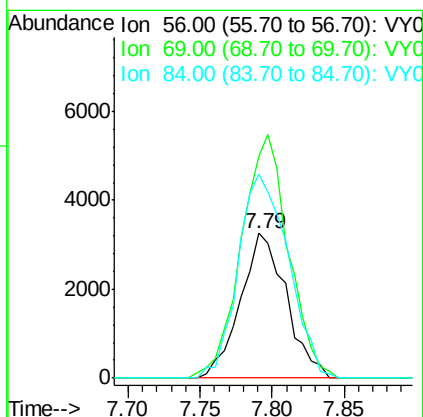
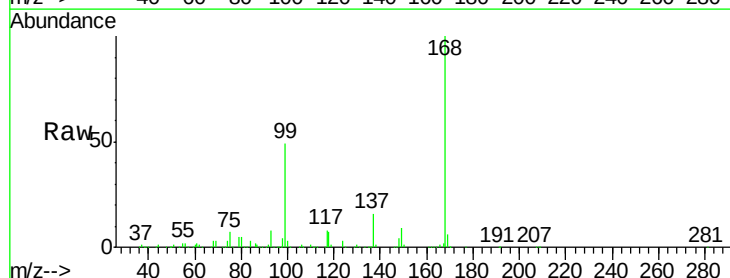
Instrument :
MSVOA_Y
ClientSampleId :
TP-15-S2

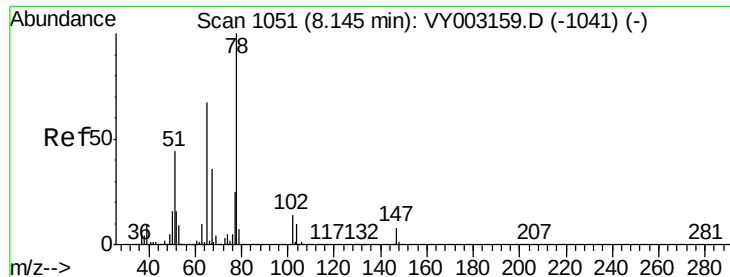
Tot Ion:	84	Resp:	40609
Ion	Ratio	Lower	Upper
84	100		
49	111.5	98.2	147.4
51	36.0	29.8	44.6
86	61.4	51.2	76.8



#31
Cyclohexane
Concen: 1.192 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003262.D
Acq: 21 Jul 2020 20:27

Tgt Ion:	56	Resp:	7192
Ion	Ratio	Lower	Upper
56	100		
69	153.3	26.7	40.1#
84	140.6	72.3	108.5#

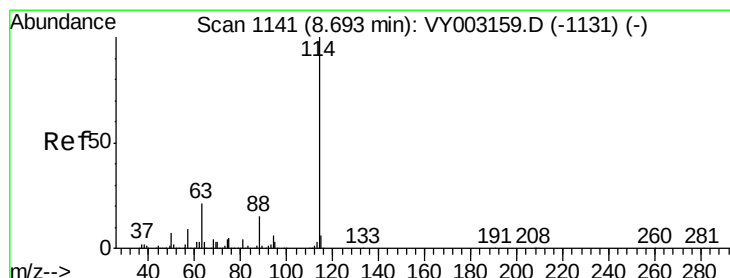
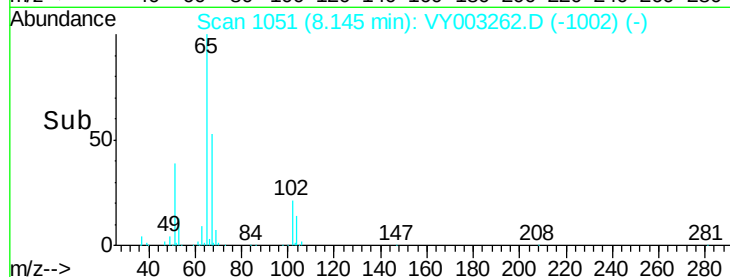
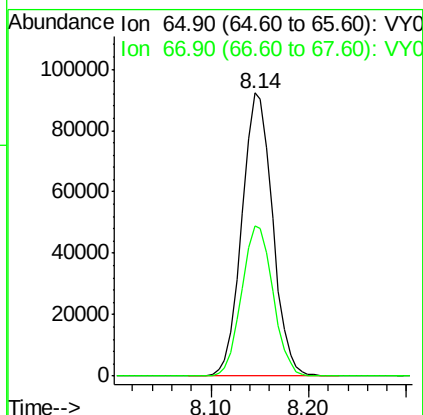
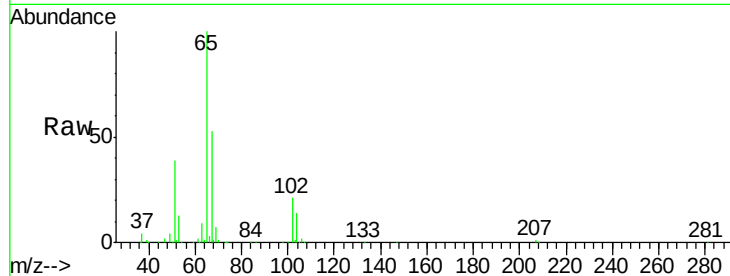




#33
 1,2-Dichloroethane-d4
 Concen: 60.561 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003262.D
 Acq: 21 Jul 2020 20:27

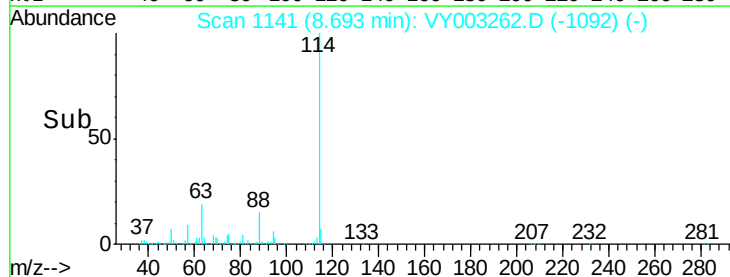
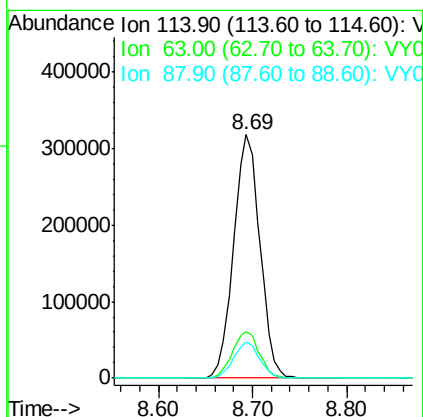
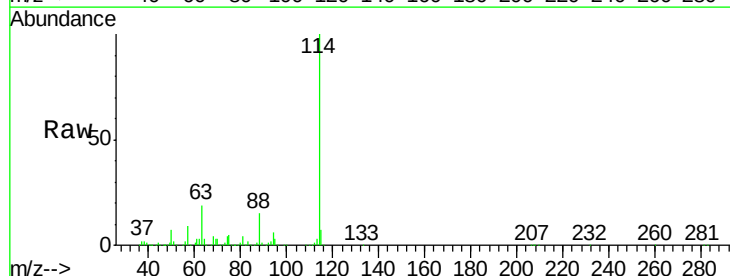
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-15-S2

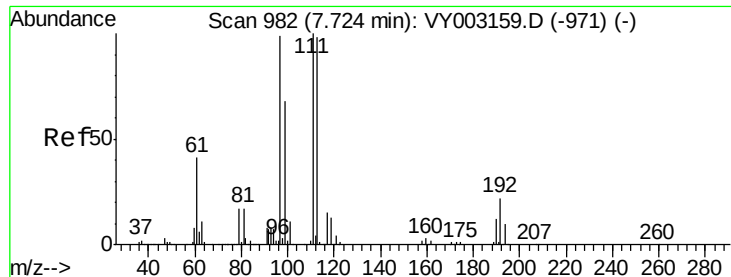
Tot Ion: 65 Resp: 200916
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003262.D
 Acq: 21 Jul 2020 20:27

Tgt Ion: 114 Resp: 616159
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 41.2
 88 14.8 0.0 30.2

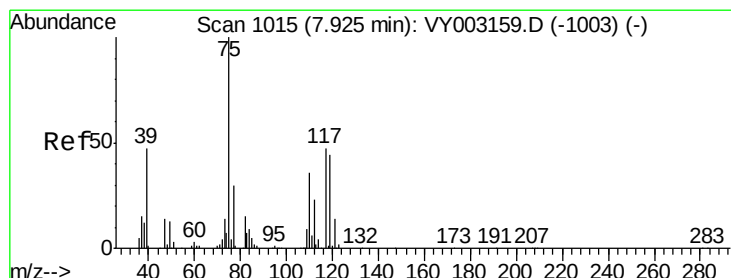
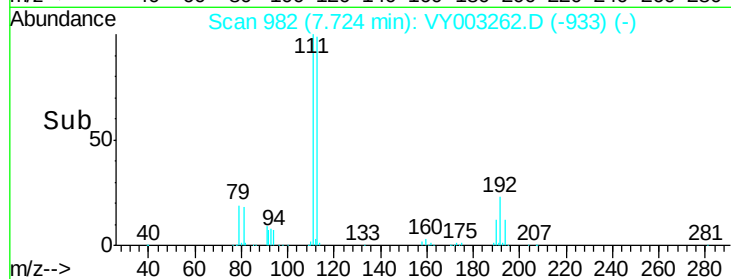
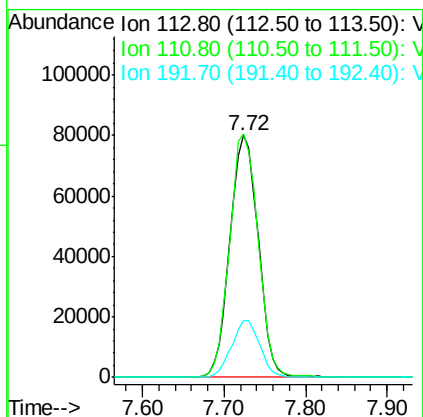
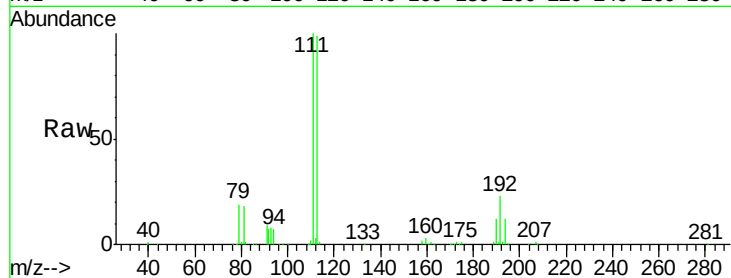




#35
Dibromofluoromethane
Concen: 54.077 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003262.D
Acq: 21 Jul 2020 20:27

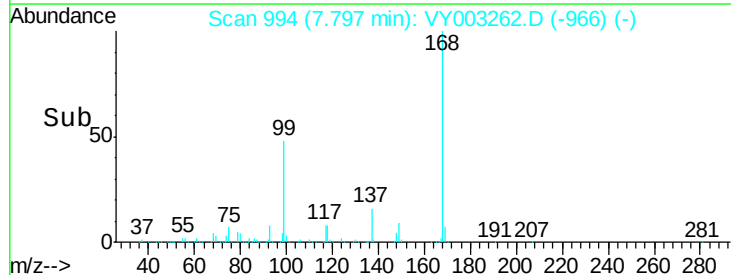
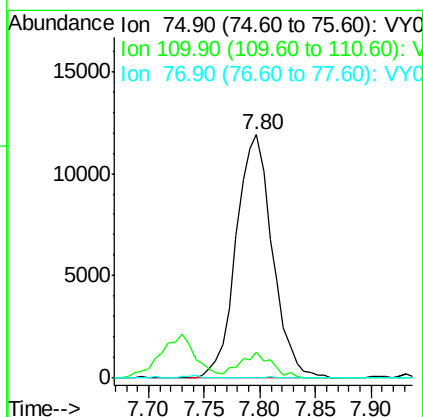
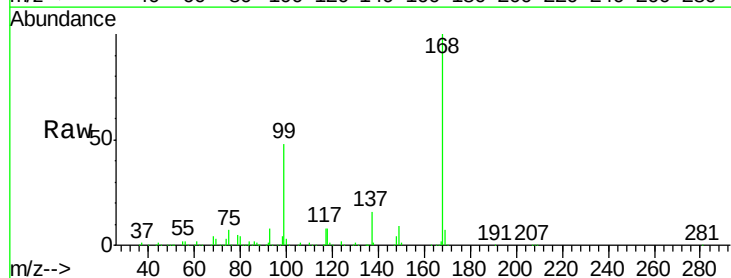
Instrument :
MSVOA_Y
ClientSampled :
TP-15-S2

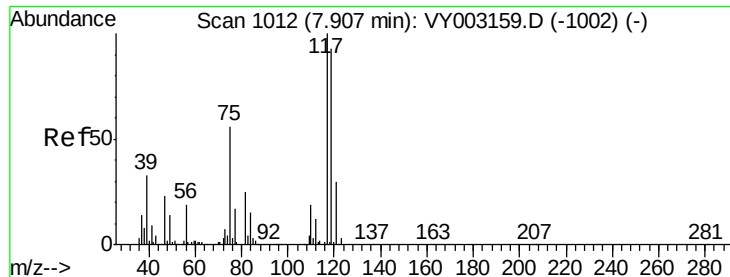
Tot Ion:113 Resp: 191749
Ion Ratio Lower Upper
113 100
111 101.2 82.1 123.1
192 23.3 18.8 28.2



#36
1,1-Dichloropropene
Concen: 4.814 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY003262.D
Acq: 21 Jul 2020 20:27

Tgt Ion: 75 Resp: 26883
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.1#
77 0.1 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 5.945 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003262.D

Acq: 21 Jul 2020 20:27

Instrument :

MSVOA_Y

ClientSampled :

TP-15-S2

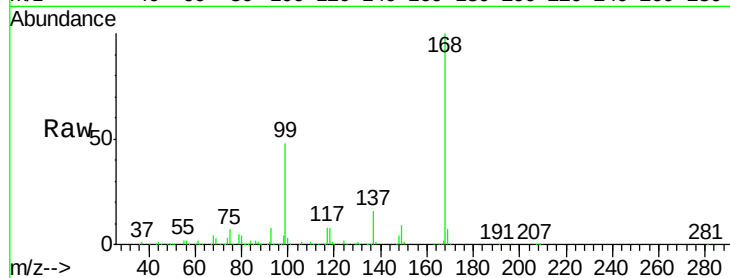
Tot Ion:117 Resp: 34271

Ion Ratio Lower Upper

117 100

119 6.5 74.5 111.7#

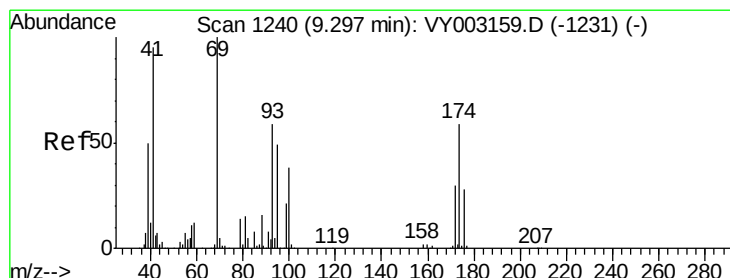
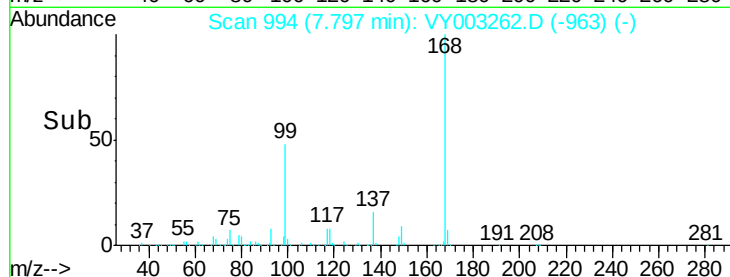
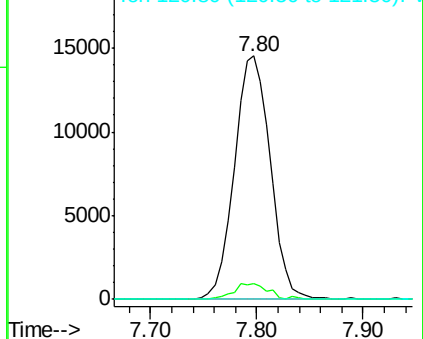
121 0.0 24.2 36.2#



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: 1.458 ug/l

RT: 9.14 min Scan# 1214

Delta R.T. -0.16 min

Lab File: VY003262.D

Acq: 21 Jul 2020 20:27

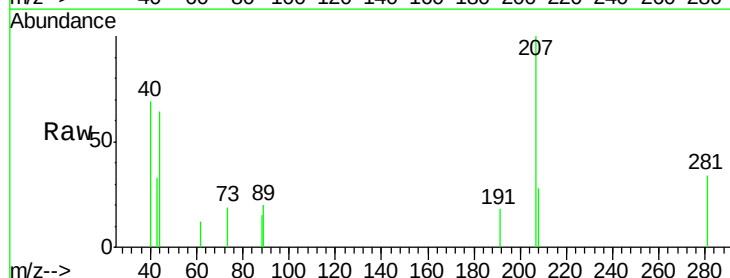
Tgt Ion: 88 Resp: 43

Ion Ratio Lower Upper

88 100

43 169.8 25.6 38.4#

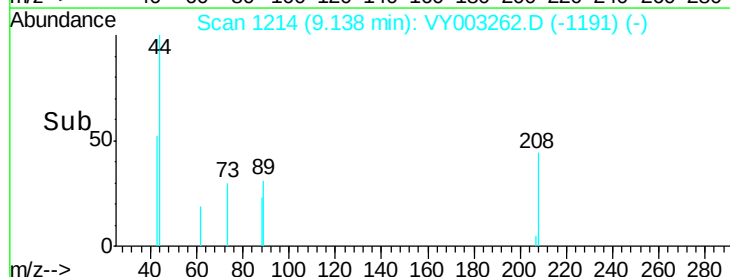
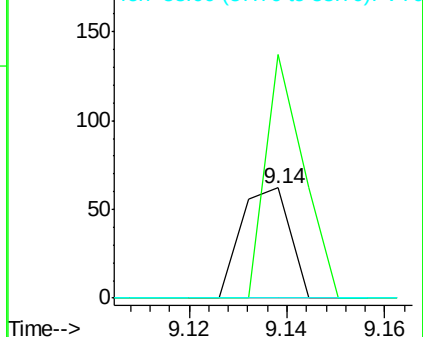
58 0.0 47.8 71.6#

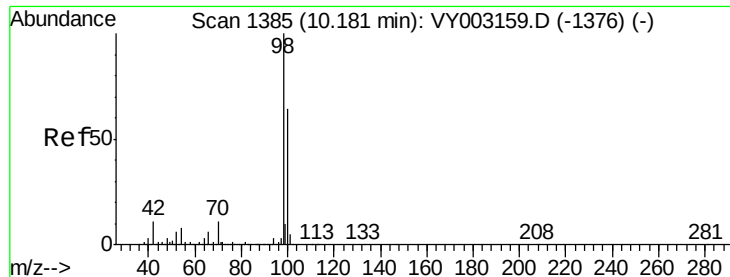


Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#50

Toluene-d8

Concen: 56.681 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003262.D

Acq: 21 Jul 2020 20:27

Instrument :

MSVOA_Y

ClientSampleId :

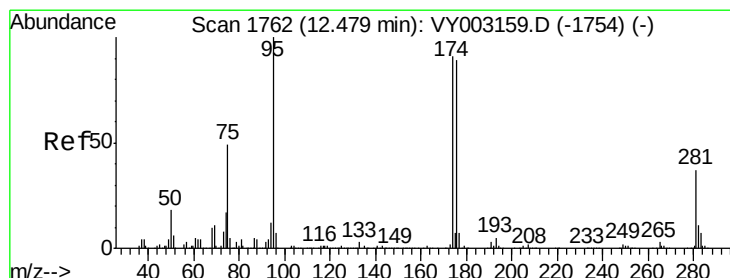
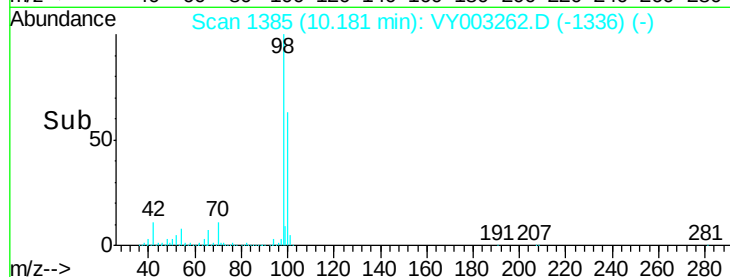
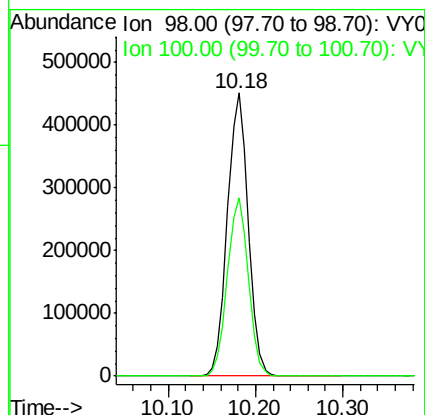
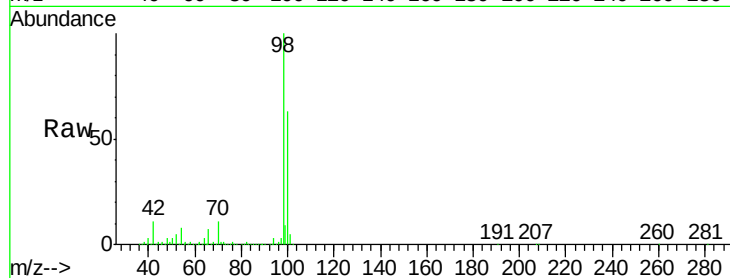
TP-15-S2

Tot Ion: 98 Resp: 747221

Ion Ratio Lower Upper

98 100

100 63.4 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 50.723 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003262.D

Acq: 21 Jul 2020 20:27

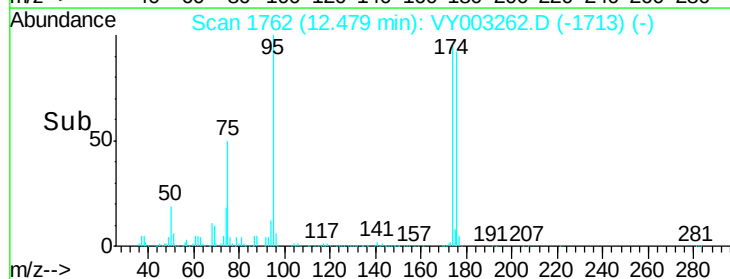
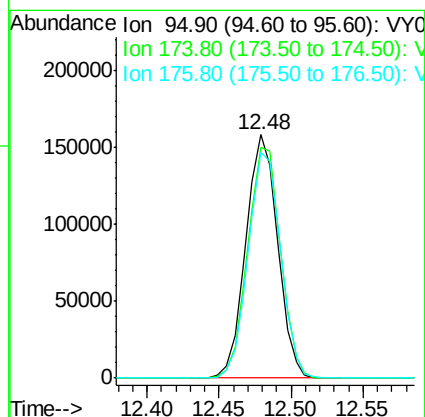
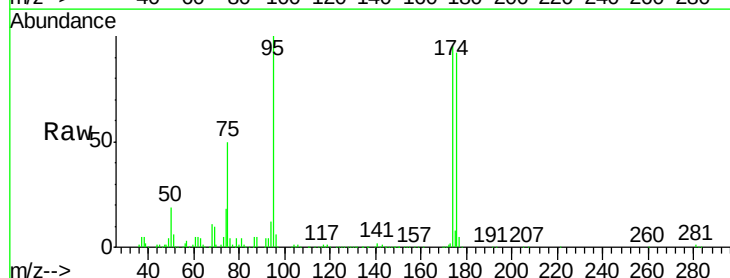
Tgt Ion: 95 Resp: 241566

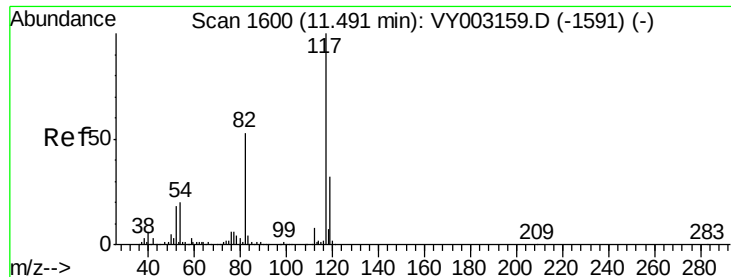
Ion Ratio Lower Upper

95 100

174 98.1 0.0 190.6

176 94.5 0.0 186.4

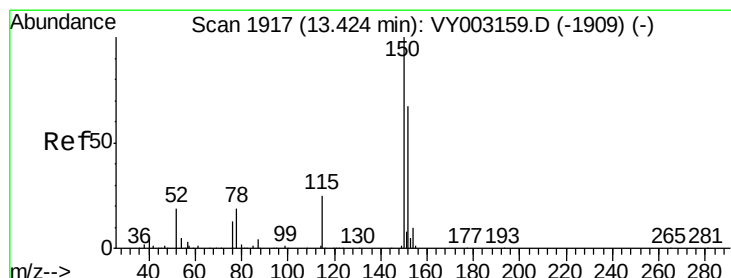
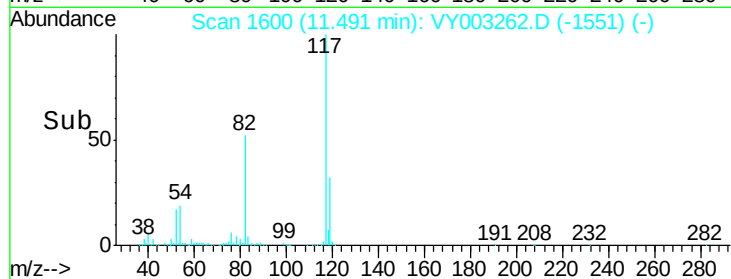
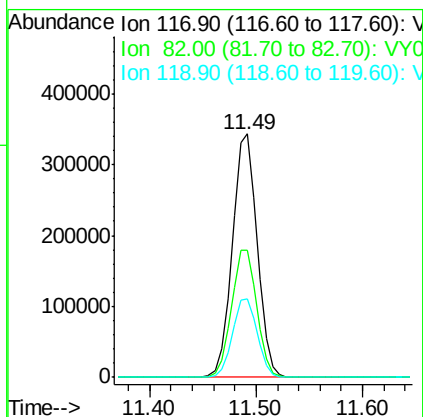
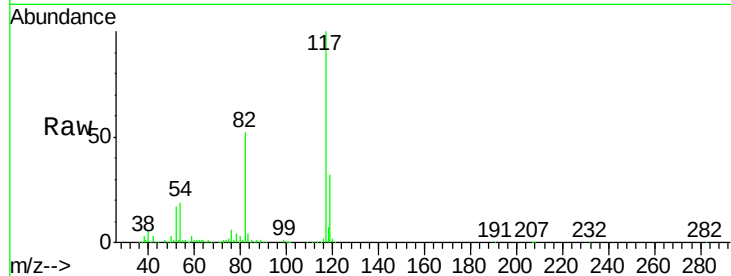




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003262.D
Acq: 21 Jul 2020 20:27

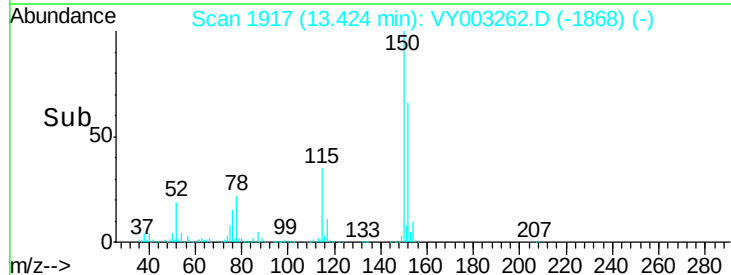
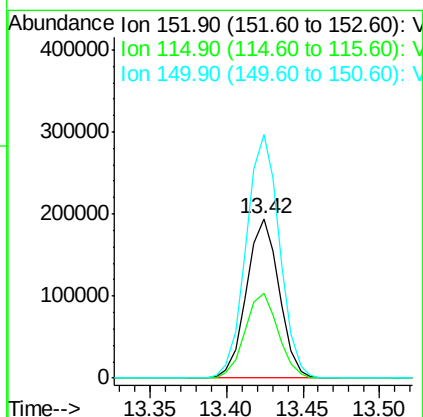
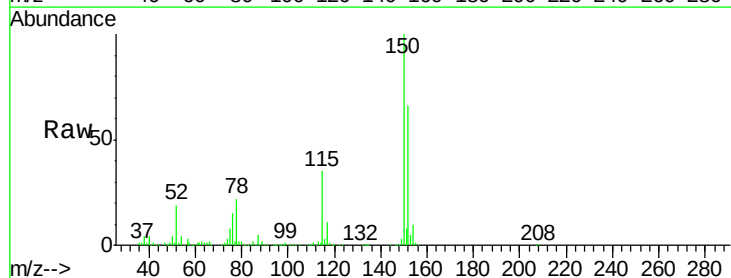
Instrument :
MSVOA_Y
ClientSampleId :
TP-15-S2

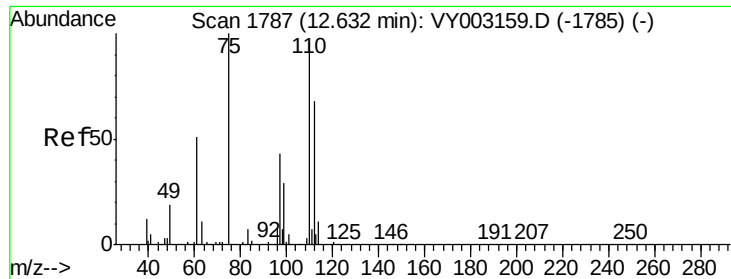
Tot Ion:117 Resp: 561451
Ion Ratio Lower Upper
117 100
82 52.0 42.0 63.0
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003262.D
Acq: 21 Jul 2020 20:27

Tgt Ion:152 Resp: 289351
Ion Ratio Lower Upper
152 100
115 54.0 26.9 80.7
150 155.5 0.0 338.0





#76

1,2,3-Trichloropropane

Concen: 47.387 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003262.D

Acq: 21 Jul 2020 20:27

Instrument :

MSVOA_Y

ClientSampleId :

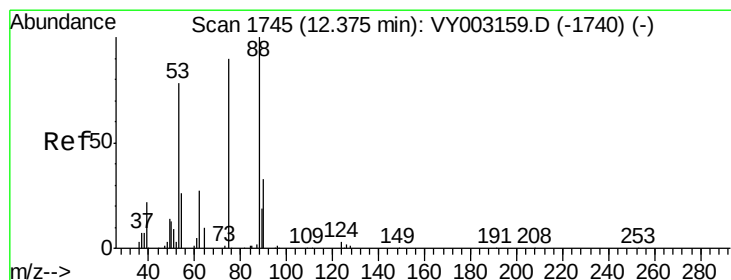
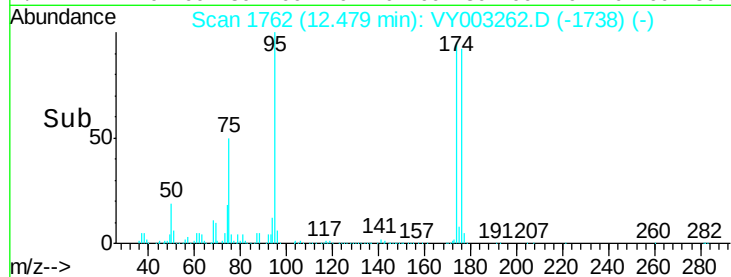
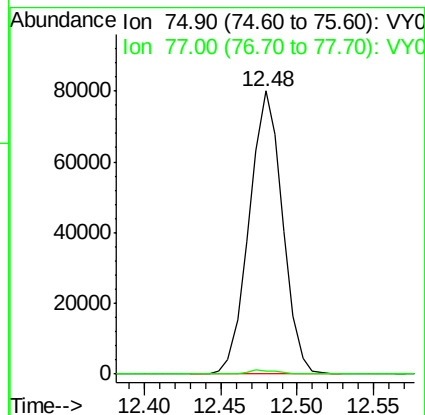
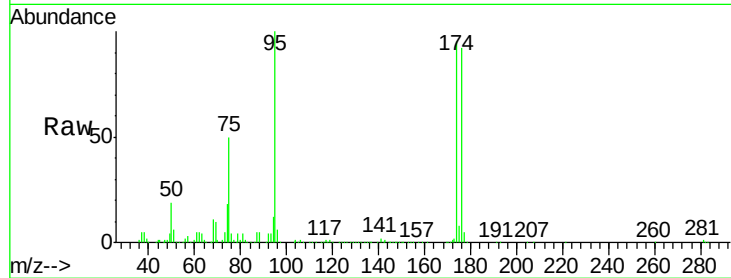
TP-15-S2

Tot Ion: 75 Resp: 121369

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 92.223 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003262.D

Acq: 21 Jul 2020 20:27

Tgt Ion: 75 Resp: 121369

Ion Ratio Lower Upper

75 100

53 0.1 72.0 108.0#

89 0.0 37.3 55.9#

