

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003210.D
 Acq On : 16 Jul 2020 15:31
 Operator : SY/MD
 Sample : L3187-05RE
 Misc : 7.32G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-071420

Quant Time: Jul 17 05:20:52 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

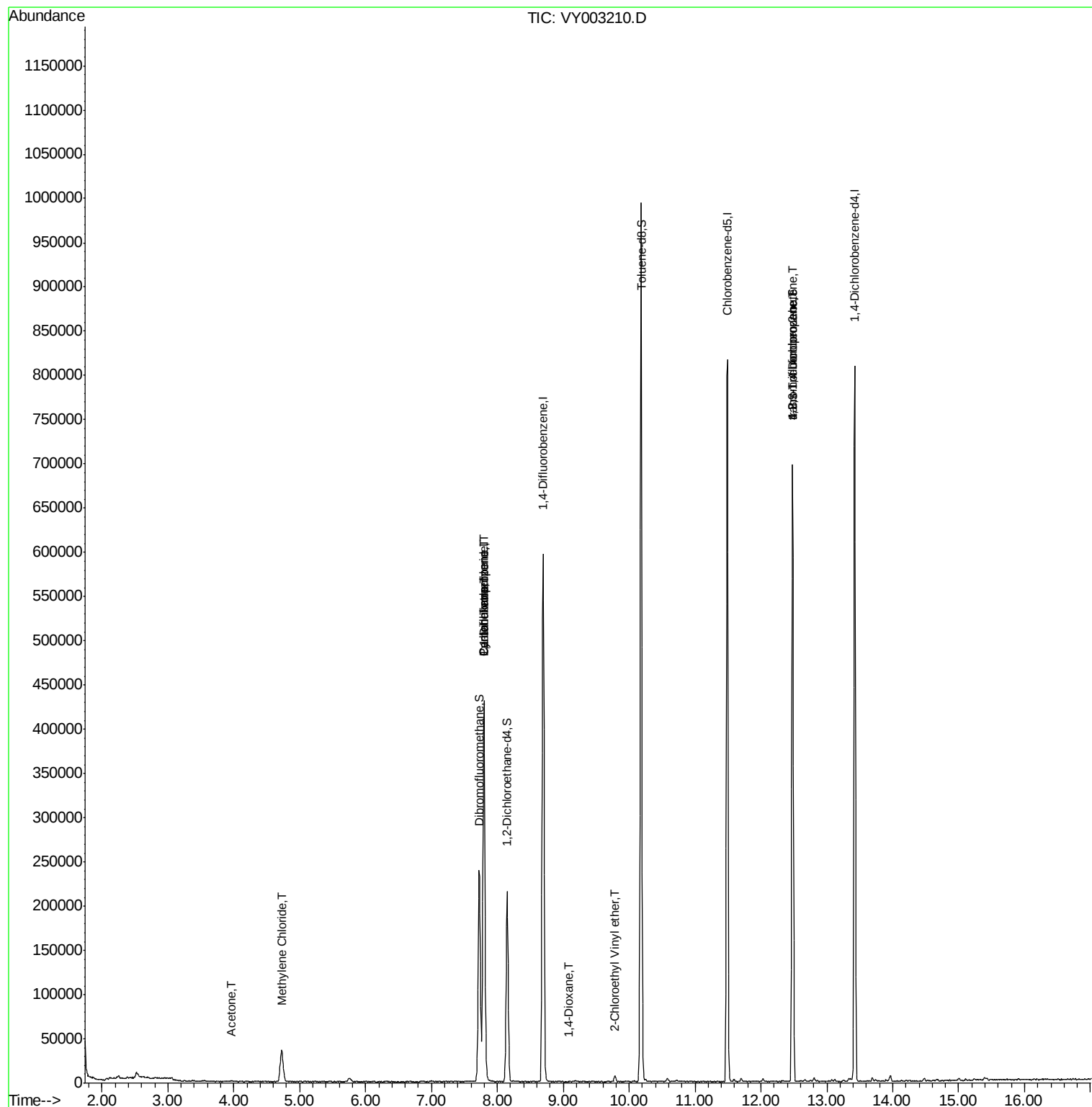
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	340711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	510281	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	440485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	202415	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	171282	59.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.12%	
35) Dibromofluoromethane	7.72	113	164831	56.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.26%	
50) Toluene-d8	10.18	98	647278	59.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.58%	
62) 4-Bromofluorobenzene	12.48	95	197257	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
Target Compounds						
					Qvalue	
16) Acetone	3.95	43	2032	3.163	ug/l #	86
20) Methylene Chloride	4.73	84	27429	3.361	ug/l	97
31) Cyclohexane	7.80	56	7206	1.378	ug/l #	46
36) 1,1-Dichloropropene	7.79	75	23960	5.181	ug/l #	49
38) Carbon Tetrachloride	7.80	117	30952	6.483	ug/l #	18
49) 1,4-Dioxane	9.07	88	54	2.211	ug/l #	28
58) 2-Chloroethyl Vinyl ether	9.78	63	2774	1.467	ug/l	92
76) 1,2,3-Trichloropropane	12.48	75	104356	58.243	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	104356	113.353	ug/l #	13

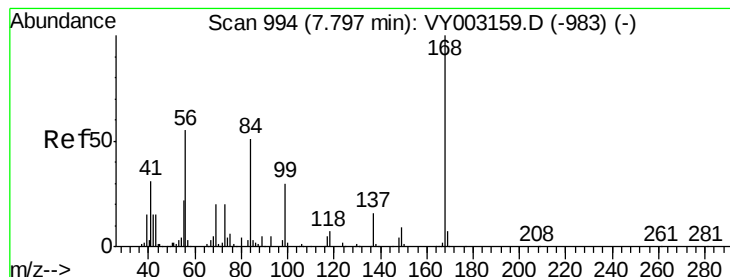
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003210.D

Acq: 16 Jul 2020 15:31

Instrument :

MSVOA_Y

ClientSampleId :

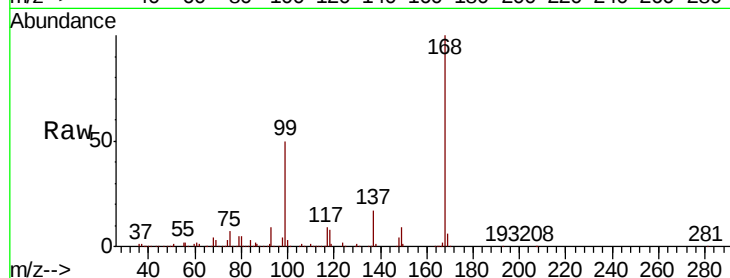
SU-03-071420

Tot Ion:168 Resp: 340711

Ion Ratio Lower Upper

168 100

99 49.9 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003210.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003210.D (-983) (-)

7.80

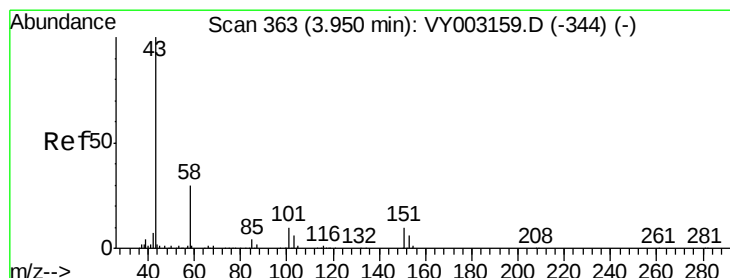
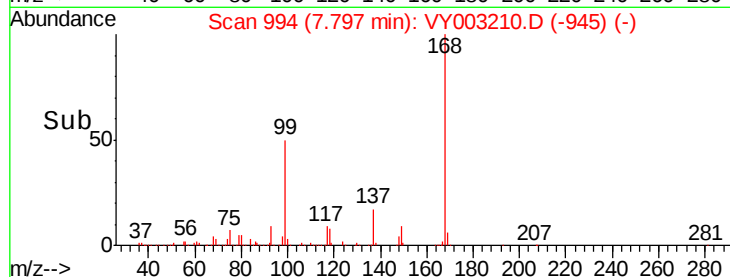
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.163 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY003210.D

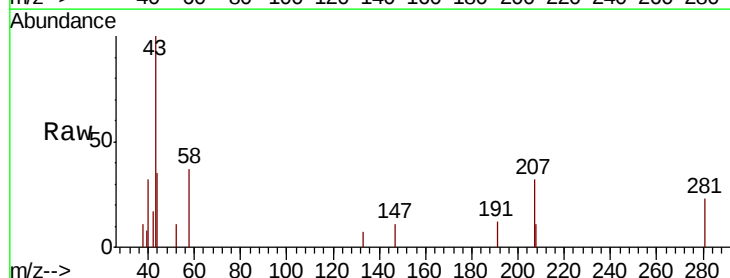
Acq: 16 Jul 2020 15:31

Tgt Ion: 43 Resp: 2032

Ion Ratio Lower Upper

43 100

58 37.0 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VY003210.D (-344) (-)

Ion 58.00 (57.70 to 58.70): VY003210.D (-344) (-)

3.95

800

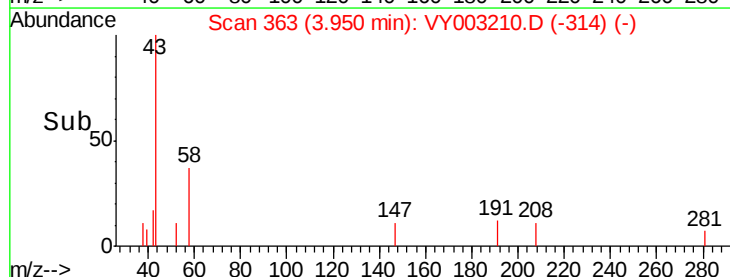
600

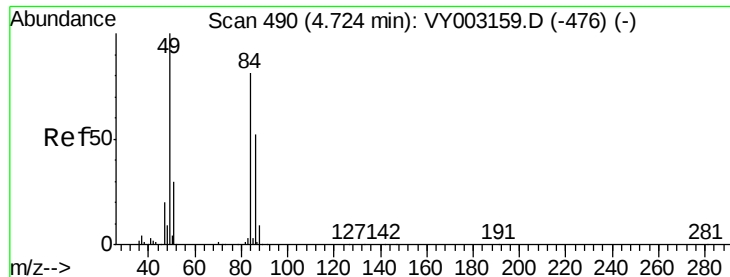
400

200

0

Time-->

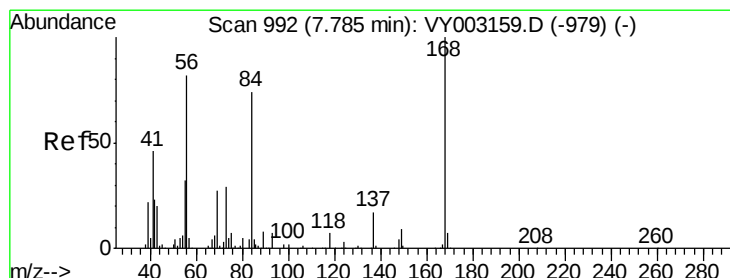
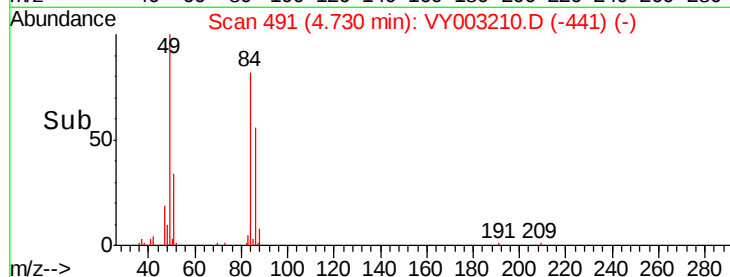
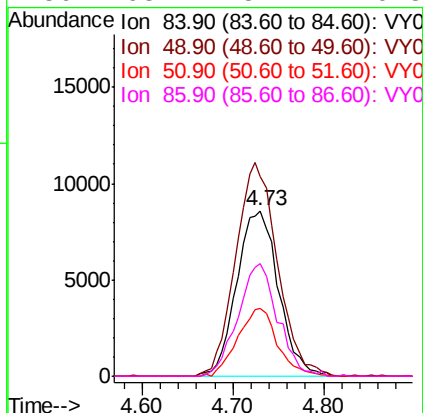
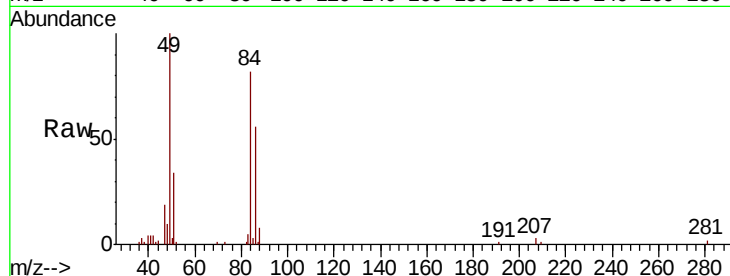




#20
Methvlene Chloride
Concen: 3.361 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003210.D
Acq: 16 Jul 2020 15:31

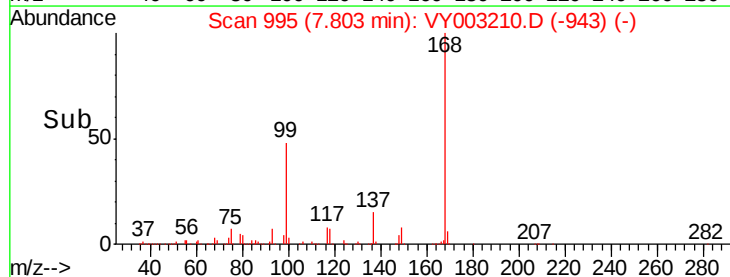
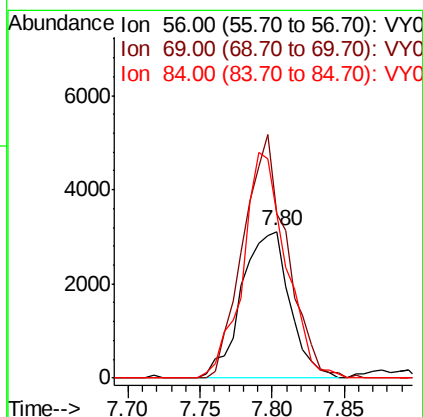
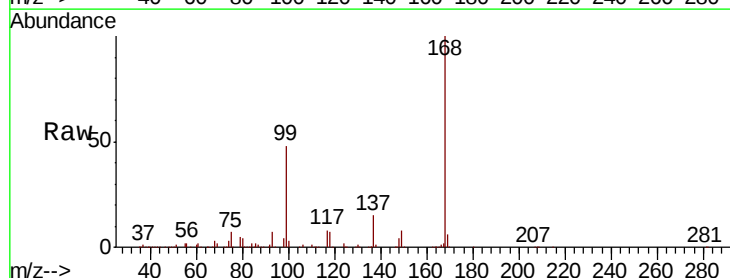
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-071420

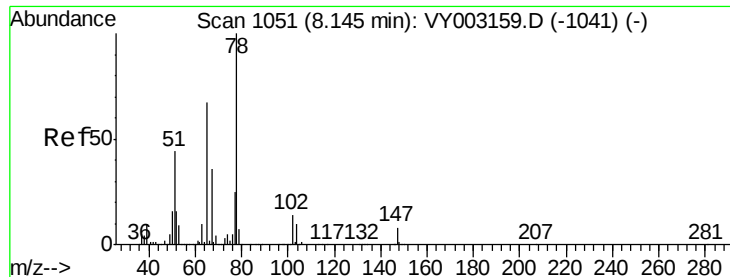
Tot Ion:	84	Resp:	27429
Ion	Ratio	Lower	Upper
84	100		
49	121.2	98.2	147.4
51	41.0	29.8	44.6
86	68.4	51.2	76.8



#31
Cyclohexane
Concen: 1.378 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.02 min
Lab File: VY003210.D
Acq: 16 Jul 2020 15:31

Tgt Ion:	56	Resp:	7206
Ion	Ratio	Lower	Upper
56	100		
69	111.9	26.7	40.1#
84	111.9	72.3	108.5#

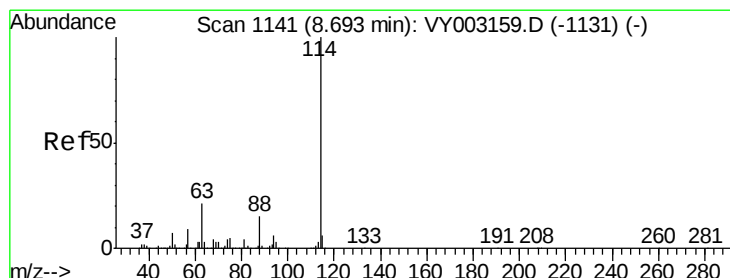
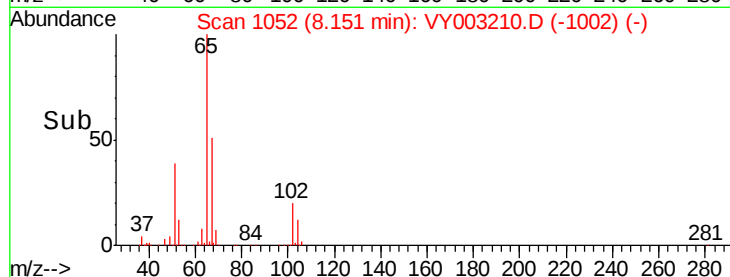
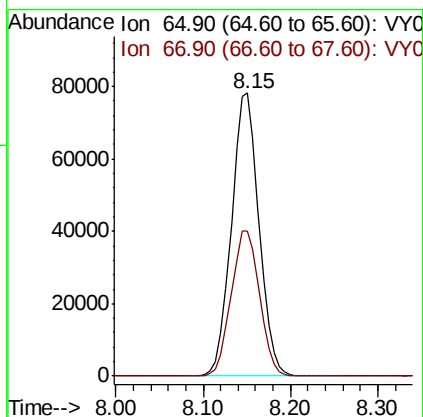
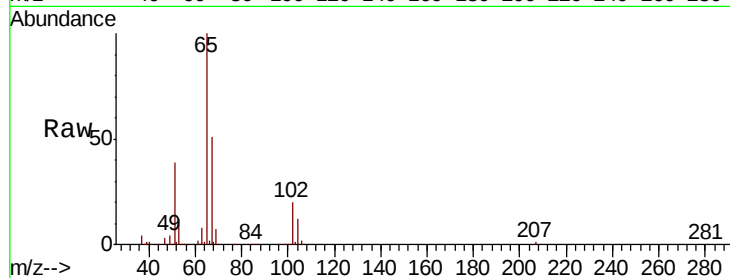




#33
 1,2-Dichloroethane-d4
 Concen: 59.561 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003210.D
 Acq: 16 Jul 2020 15:31

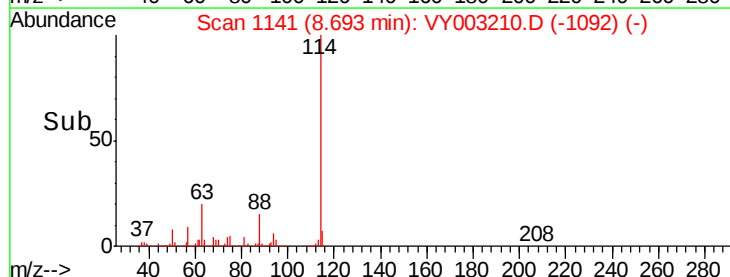
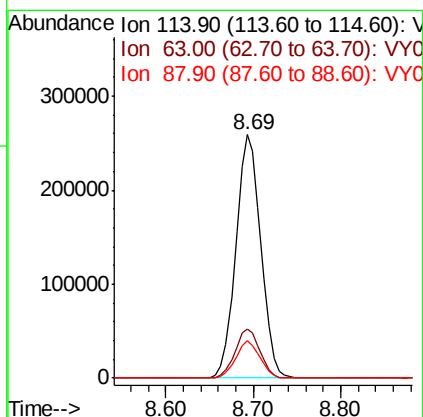
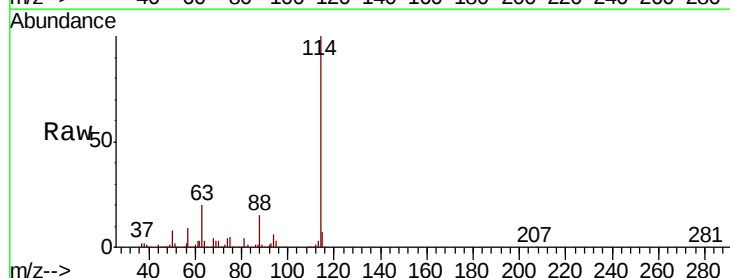
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-071420

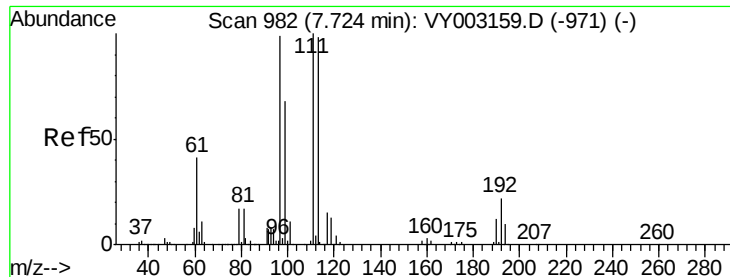
Tot Ion: 65 Resp: 171282
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003210.D
 Acq: 16 Jul 2020 15:31

Tgt Ion: 114 Resp: 510281
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.2
 88 15.2 0.0 30.2

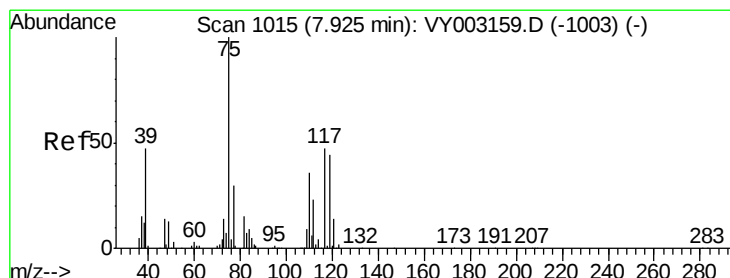
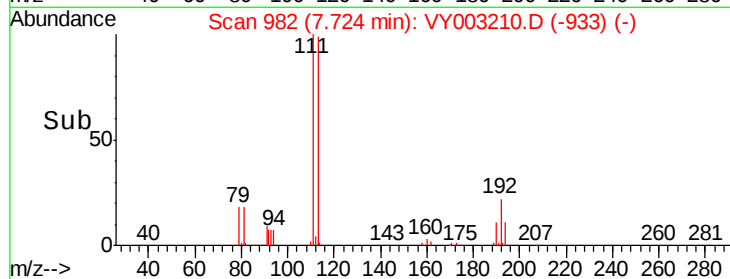
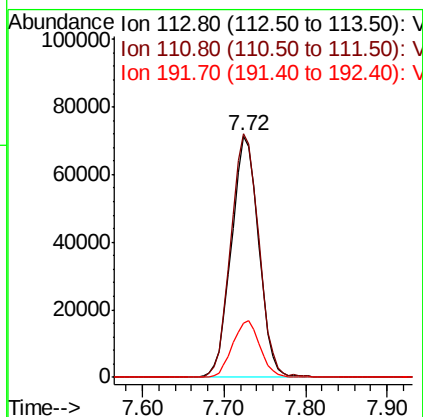
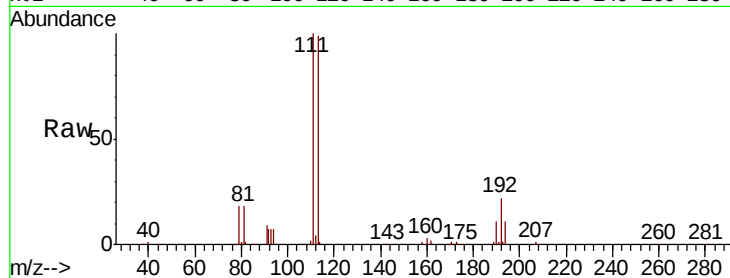




#35
Dibromofluoromethane
Concen: 56.131 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003210.D
Acq: 16 Jul 2020 15:31

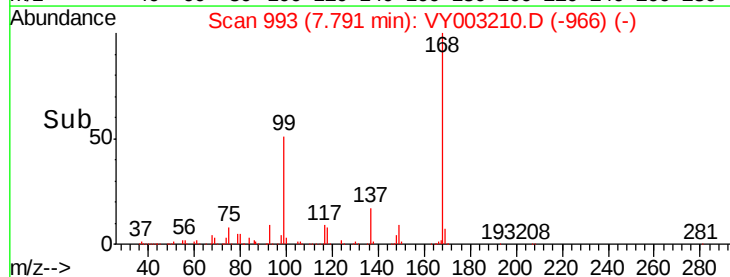
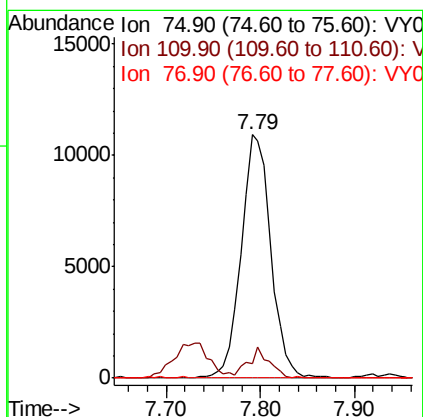
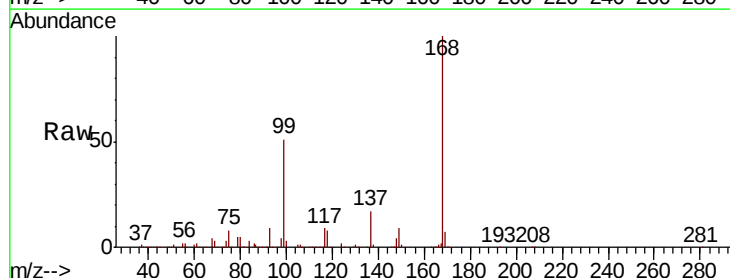
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-071420

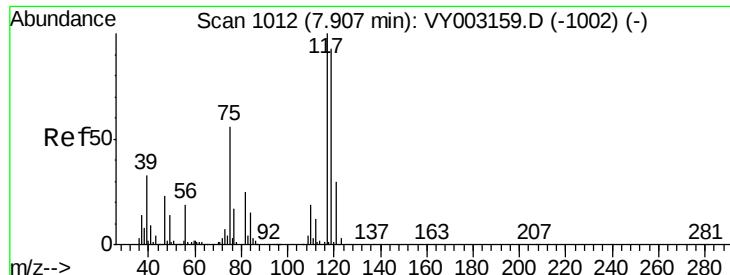
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.1	123.1
192	23.4	18.8	28.2



#36
1,1-Dichloropropene
Concen: 5.181 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.13 min
Lab File: VY003210.D
Acq: 16 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.1#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.483 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003210.D

Acq: 16 Jul 2020 15:31

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-071420

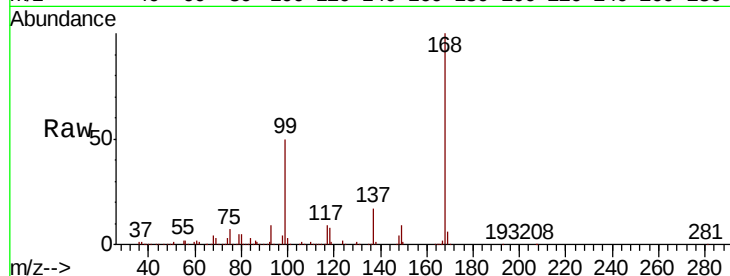
Tot Ion:117 Resp: 30952

Ion Ratio Lower Upper

117 100

119 6.4 74.5 111.7#

121 0.0 24.2 36.2#

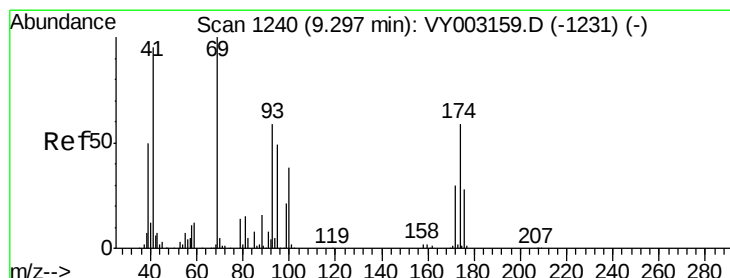
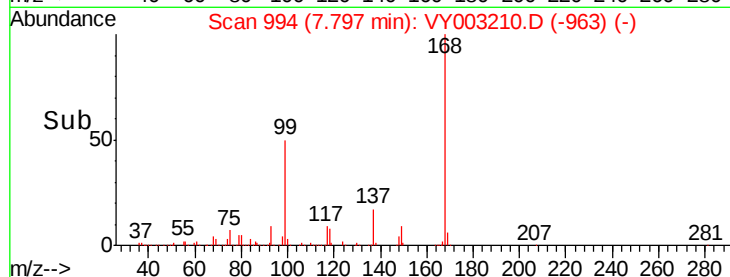
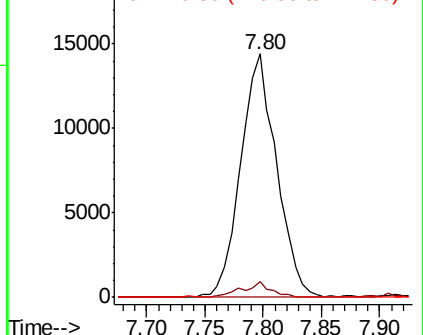


Abundance

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: 2.211 ug/l

RT: 9.07 min Scan# 1203

Delta R.T. -0.23 min

Lab File: VY003210.D

Acq: 16 Jul 2020 15:31

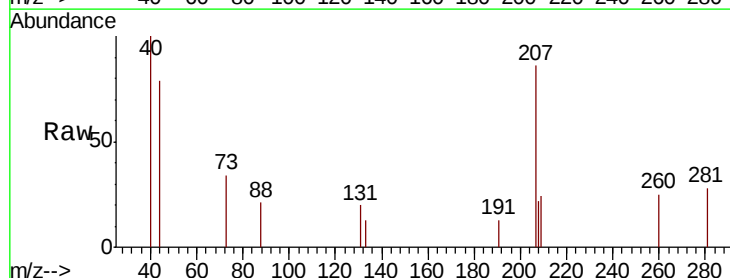
Tgt Ion: 88 Resp: 54

Ion Ratio Lower Upper

88 100

43 0.0 25.6 38.4#

58 0.0 47.8 71.6#

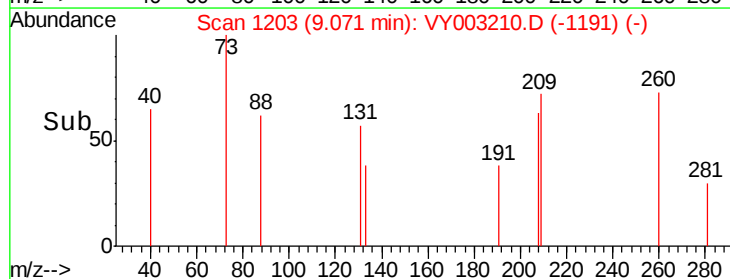
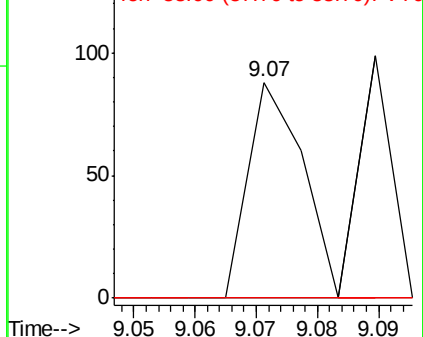


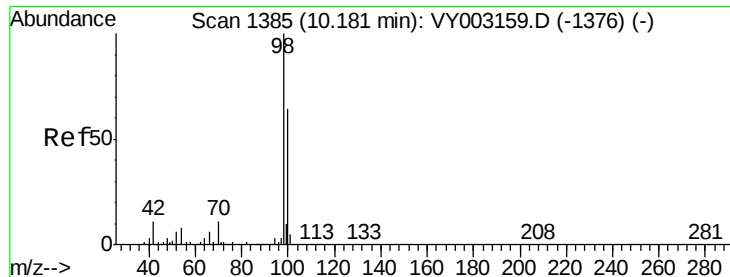
Abundance

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: 59.288 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003210.D

Acq: 16 Jul 2020 15:31

Instrument :

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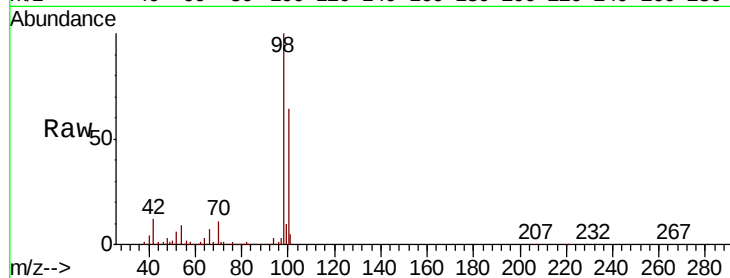
SU-03-071420

Tot Ion: 98 Resp: 647278

Ion Ratio Lower Upper

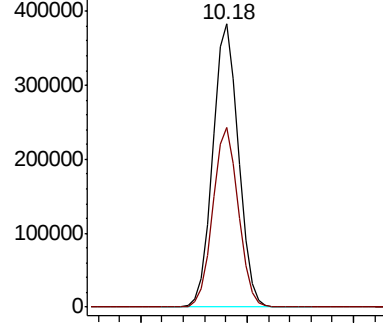
98 100

100 63.2 50.7 76.1

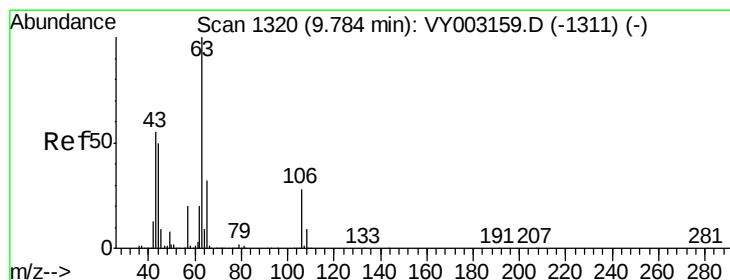
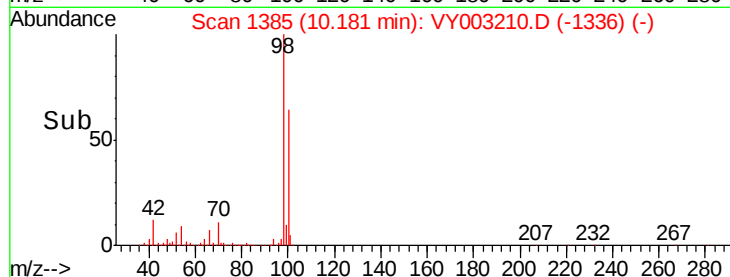


Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 1.467 ug/l

RT: 9.78 min Scan# 1319

Delta R.T. -0.01 min

Lab File: VY003210.D

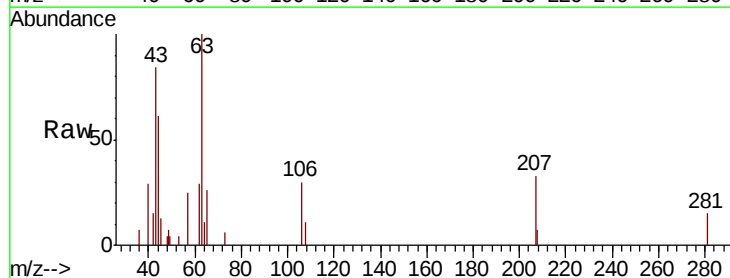
Acq: 16 Jul 2020 15:31

Tgt Ion: 63 Resp: 2774

Ion Ratio Lower Upper

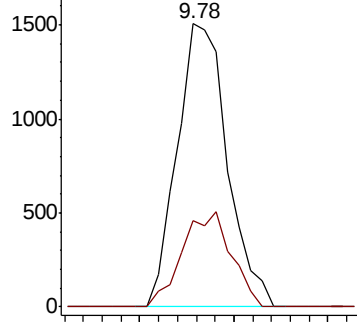
63 100

106 32.9 22.9 34.3

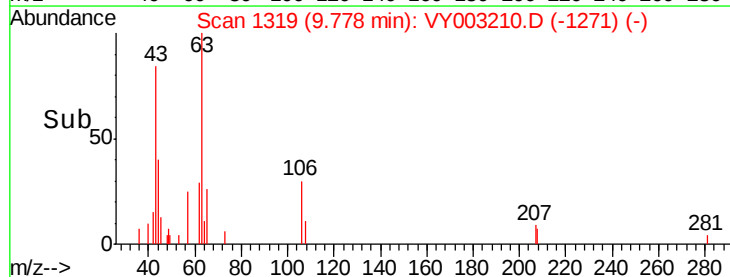


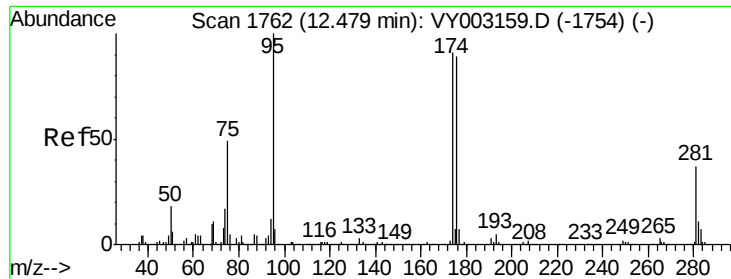
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V



Time-->

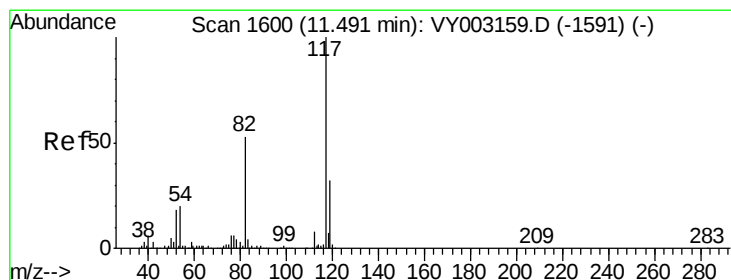
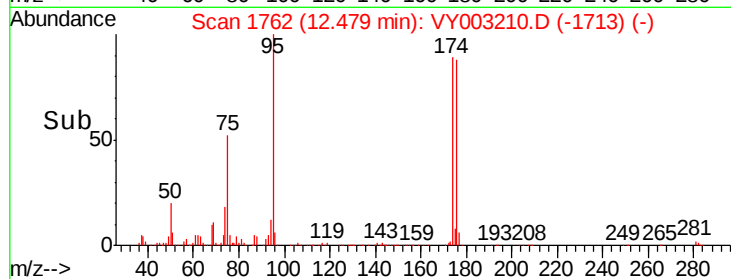
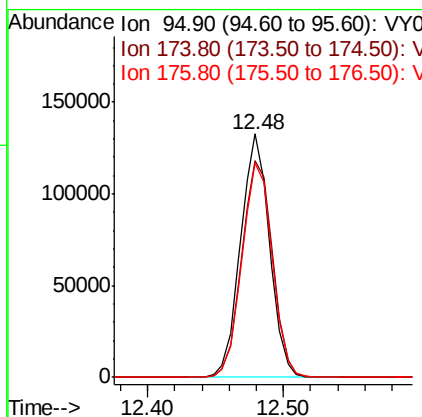
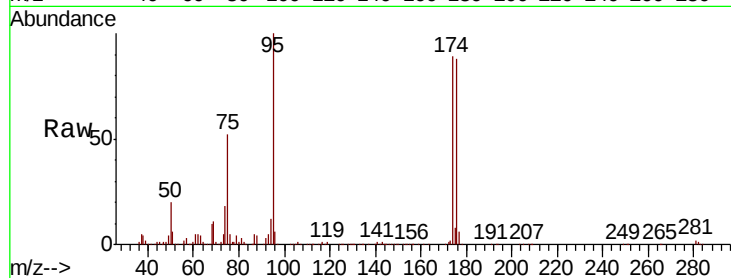




#62
4-Bromofluorobenzene
Concen: 50.013 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003210.D
Acq: 16 Jul 2020 15:31

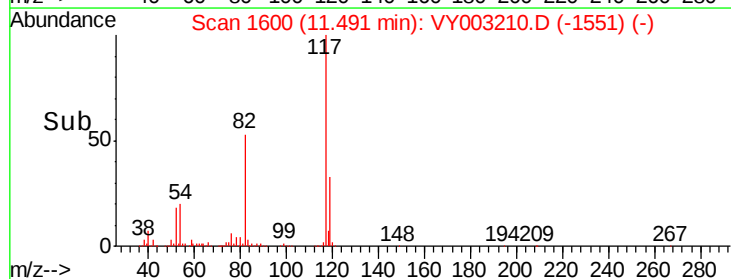
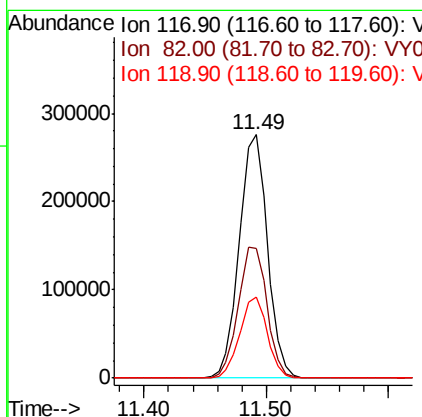
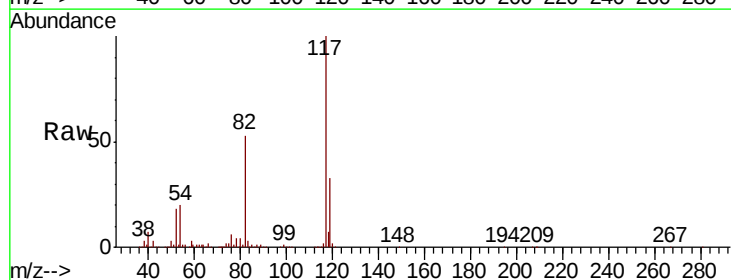
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SU-03-071420

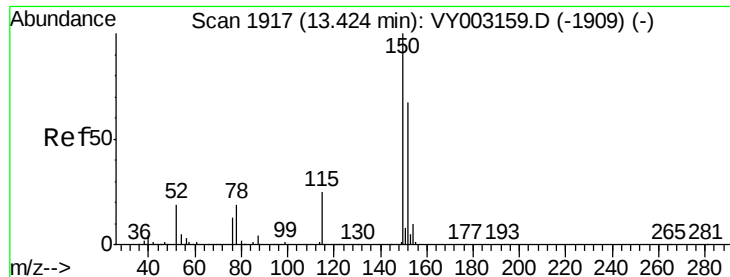
Tot Ion	Ratio	Lower	Upper
95	100		
174	94.5	0.0	190.6
176	91.9	0.0	186.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003210.D
Acq: 16 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.0	63.0
119	33.4	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: VY003210.D

Acq: 16 Jul 2020 15:31

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-071420

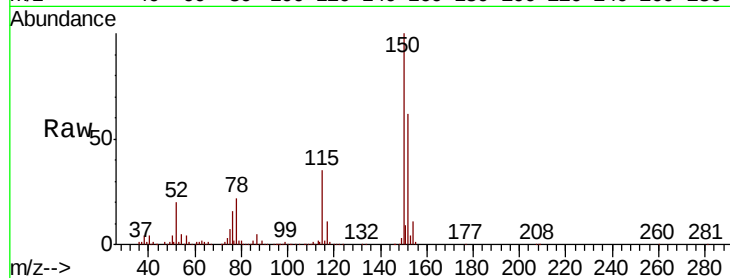
Tot Ion:152 Resp: 202415

Ion Ratio Lower Upper

152 100

115 55.0 26.9 80.7

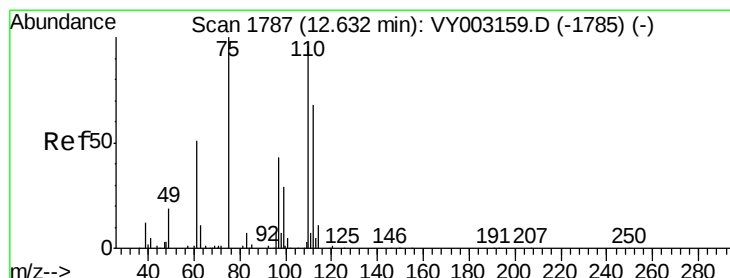
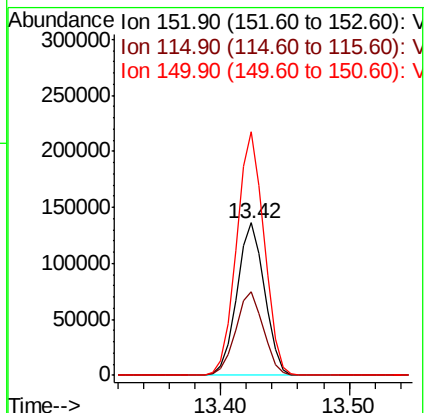
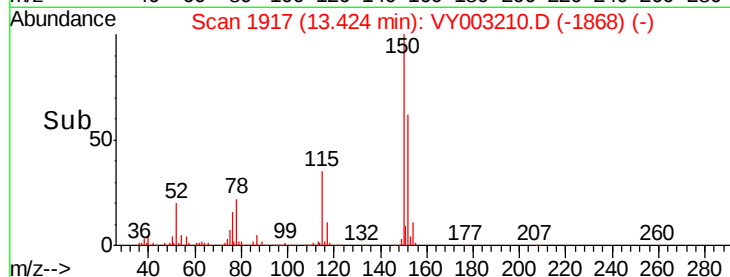
150 158.9 0.0 338.0



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: 58.243 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003210.D

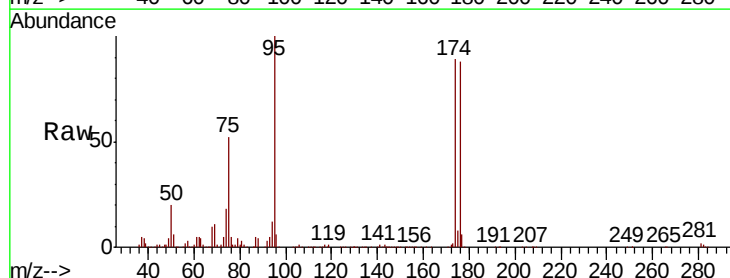
Acq: 16 Jul 2020 15:31

Tgt Ion: 75 Resp: 104356

Ion Ratio Lower Upper

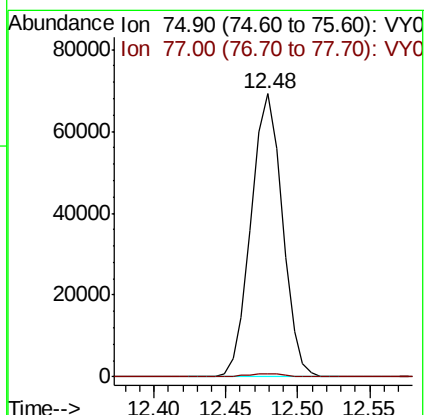
75 100

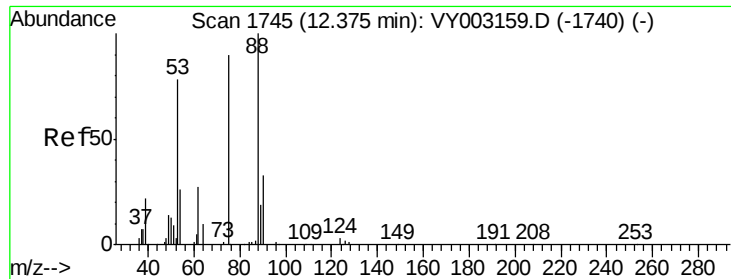
77 1.4 0.0 0.0#



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: 113.353 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003210.D

Acq: 16 Jul 2020 15:31

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-071420

Tot Ion: 75 Resp: 104356

Ion Ratio Lower Upper

75 100

53 0.1 72.0 108.0#

89 0.0 37.3 55.9#

