

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
 Data File : VY003068.D
 Acq On : 01 Jul 2020 18:59
 Operator : SY/MD
 Sample : L2814-14RE
 Misc : 7.52G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-02-063020RE

Quant Time: Jul 02 03:20:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	202514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	316838	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	292404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	132101	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	107872	53.63	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.73	113	103440	52.34	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.18	98	382661	51.97	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.48	95	123239	47.55	ug/l	0.00
Spiked Amount						

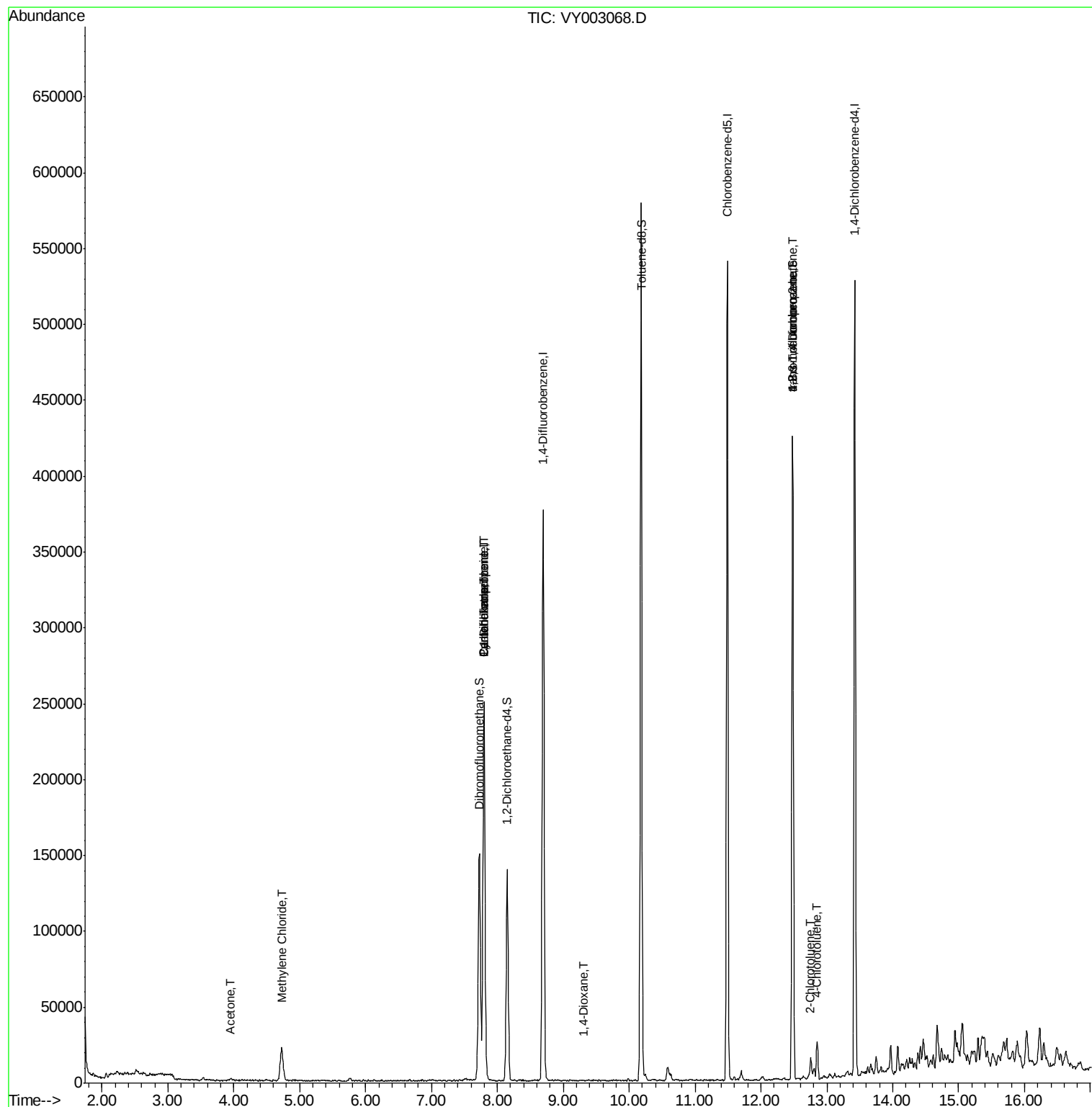
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	1940	4.090	ug/l #	49
20) Methylene Chloride	4.73	84	16613	1.019	ug/l #	83
31) Cyclohexane	7.80	56	3803	1.075	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	13813	4.526	ug/l #	52
38) Carbon Tetrachloride	7.80	117	18089	5.697	ug/l #	18
49) 1,4-Dioxane	9.32	88	26	1.697	ug/l #	56
76) 1,2,3-Trichloropropane	12.48	75	62760	48.004	ug/l #	100
79) 2-Chlorotoluene	12.76	91	6951	1.198	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.48	75	62760	93.395	ug/l #	12
82) 4-Chlorotoluene	12.86	91	13232	2.190	ug/l	97

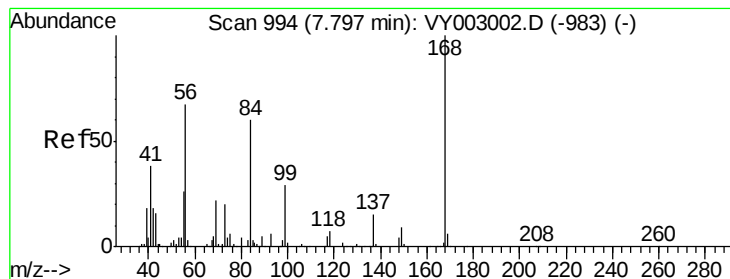
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
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: VY003068.D

Acq: 01 Jul 2020 18:59

Instrument :

MSVOA_Y

ClientSampleId :

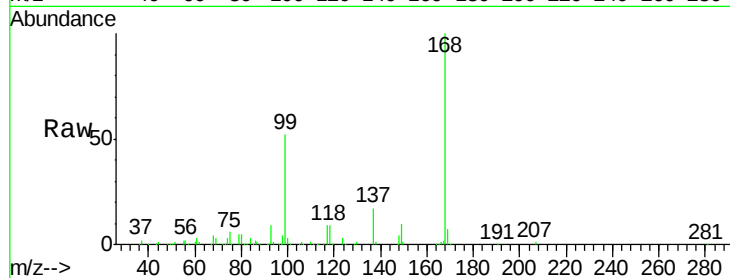
PL-02-063020RE

Tot Ion:168 Resp: 202514

Ion Ratio Lower Upper

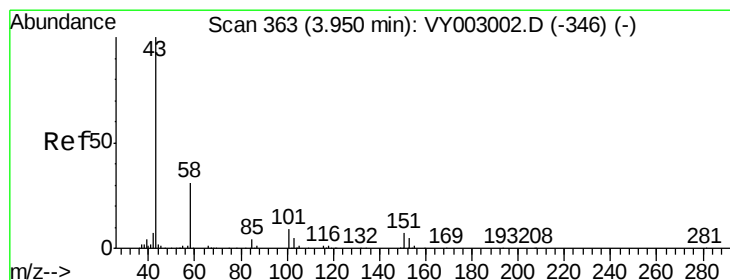
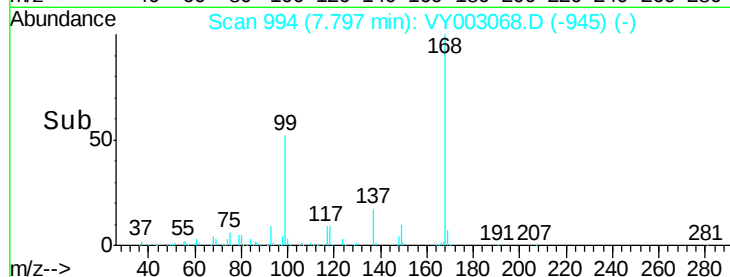
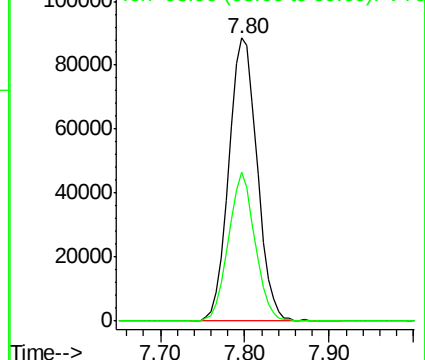
168 100

99 52.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)



#16

Acetone

Concen: 4.090 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003068.D

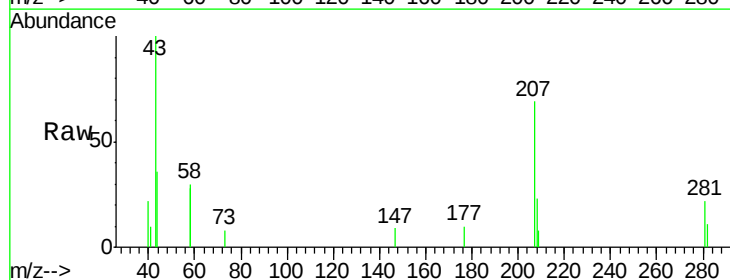
Acq: 01 Jul 2020 18:59

Tgt Ion: 43 Resp: 1940

Ion Ratio Lower Upper

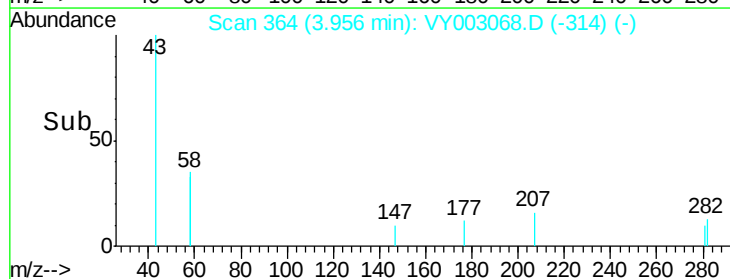
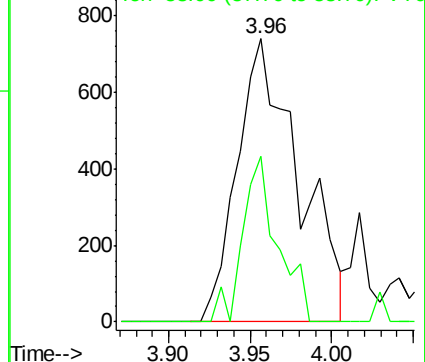
43 100

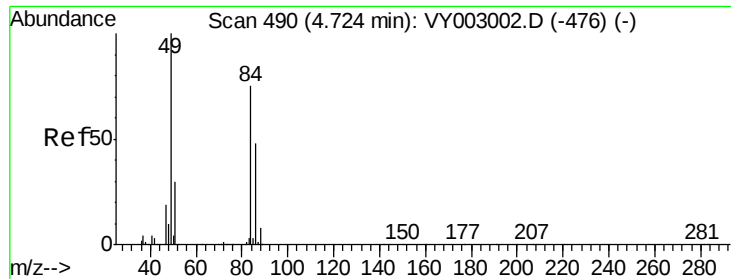
58 58.7 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VY003002.D (-346) (-)

Ion 58.00 (57.70 to 58.70): VY003002.D (-346) (-)

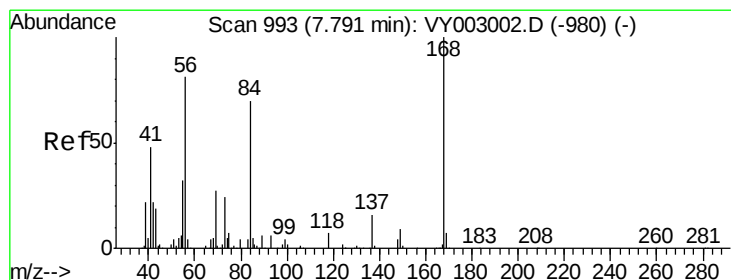
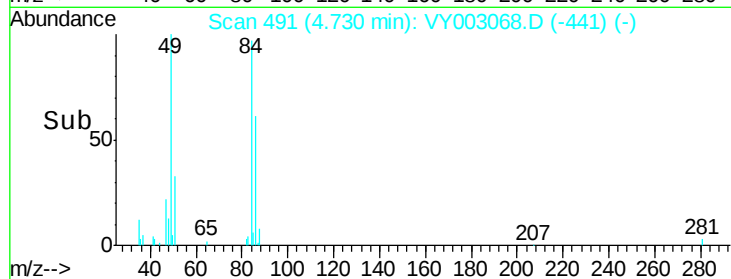
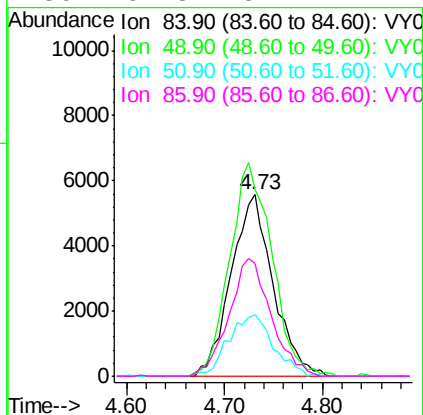
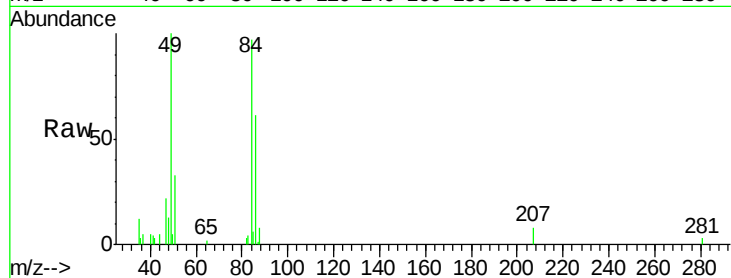




#20
Methvlene Chloride
Concen: 1.019 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003068.D
Acq: 01 Jul 2020 18:59

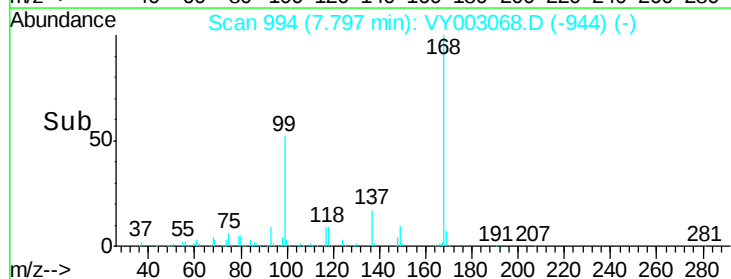
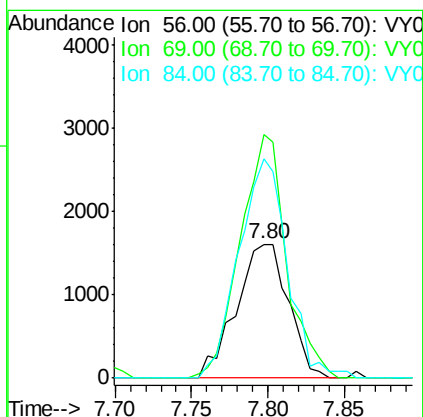
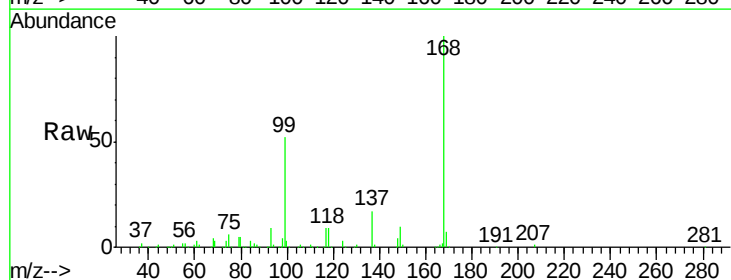
Instrument :
MSVOA_Y
ClientSampleId :
PL-02-063020RE

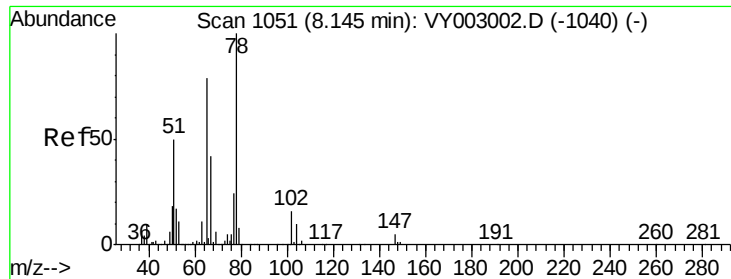
Tot Ion: 84 Resp: 16613
Ion Ratio Lower Upper
84 100
49 103.0 106.8 160.2#
51 33.8 32.0 48.0
86 62.3 51.4 77.2



#31
Cyclohexane
Concen: 1.075 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003068.D
Acq: 01 Jul 2020 18:59

Tgt Ion: 56 Resp: 3803
Ion Ratio Lower Upper
56 100
69 182.2 27.0 40.4#
84 163.8 68.1 102.1#

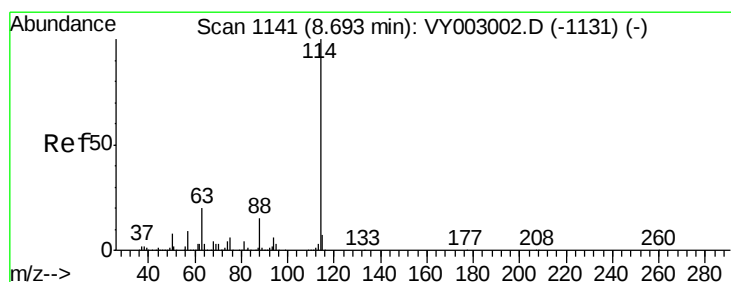
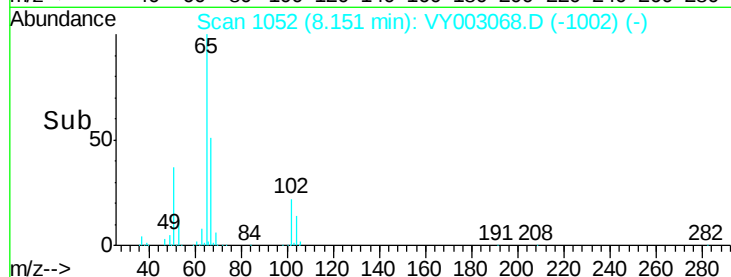
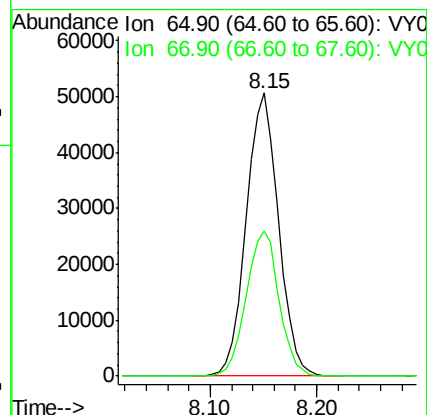
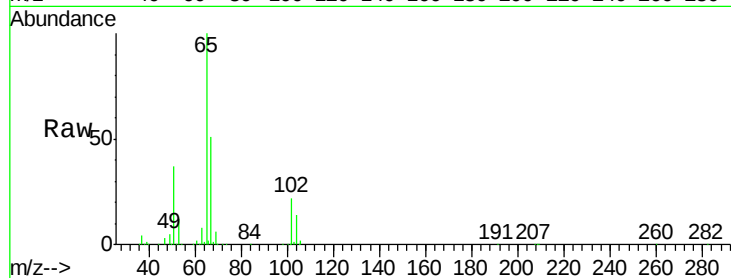




#33
 1,2-Dichloroethane-d4
 Concen: 53.631 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003068.D
 Acq: 01 Jul 2020 18:59

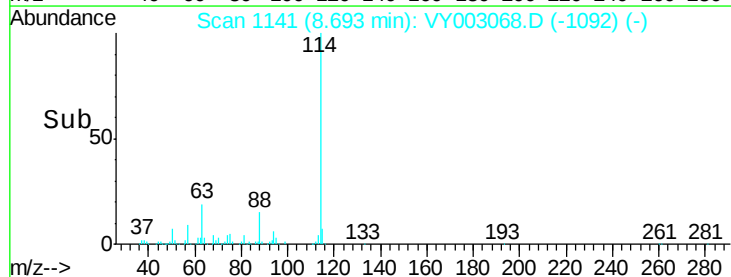
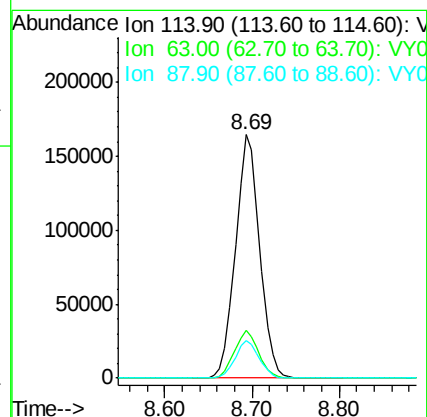
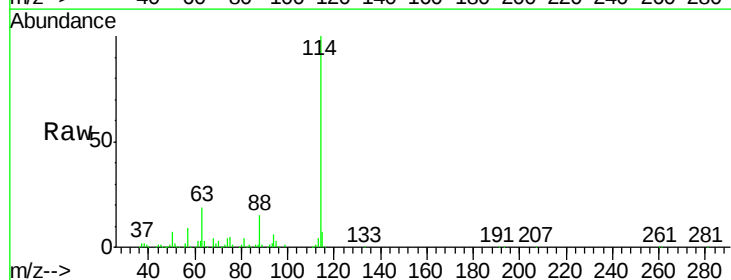
Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-02-063020RE

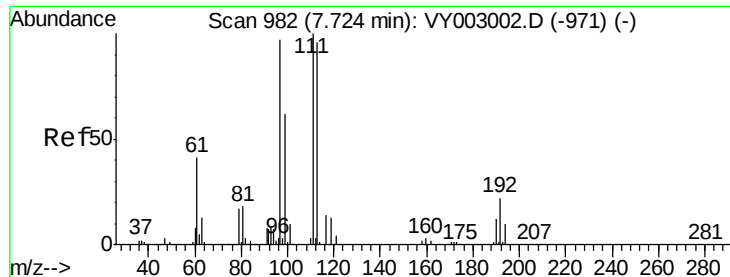
Tot Ion: 65 Resp: 107872
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003068.D
 Acq: 01 Jul 2020 18:59

Tgt Ion: 114 Resp: 316838
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.6
 88 15.2 0.0 30.0

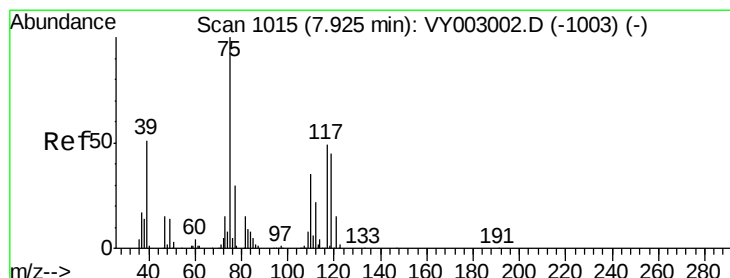
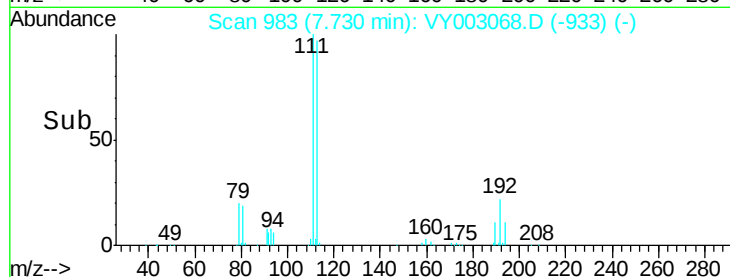
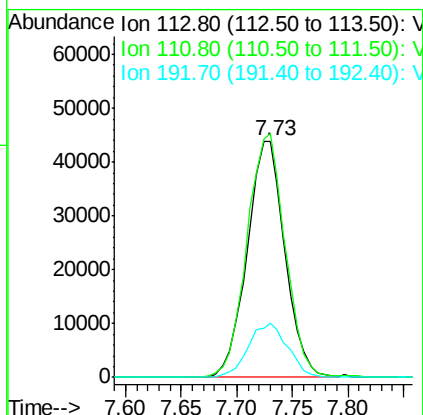
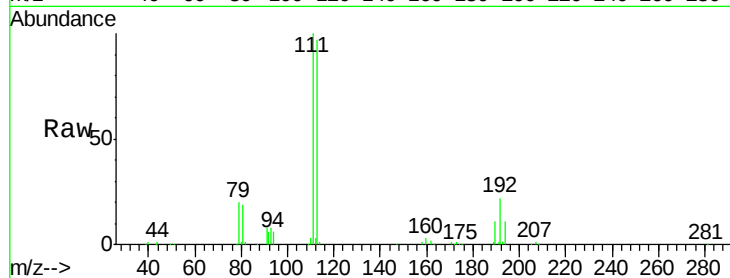




#35
 Dibromofluoromethane
 Concen: 52.335 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY003068.D
 Acq: 01 Jul 2020 18:59

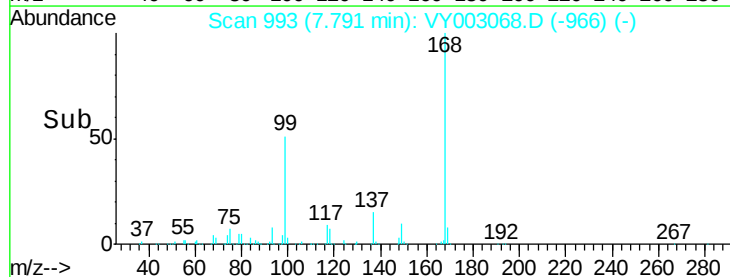
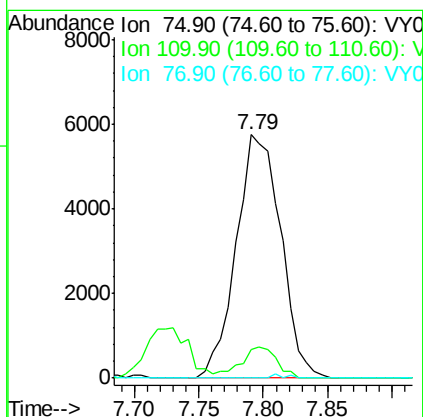
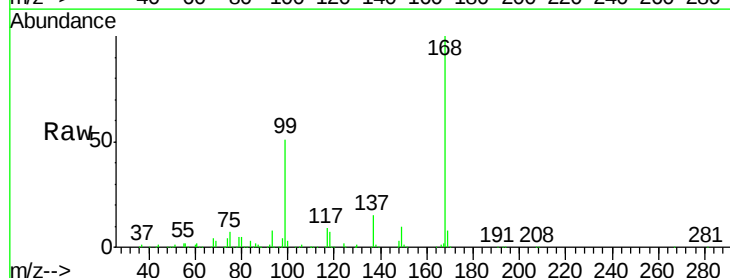
Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-02-063020RE

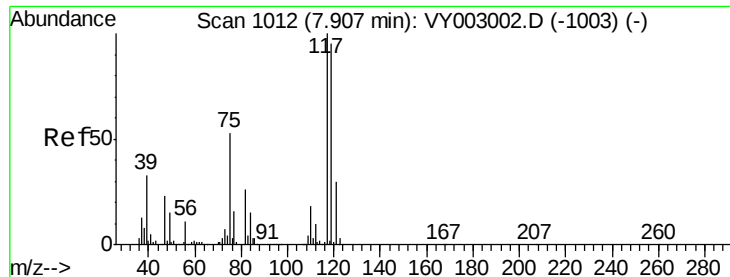
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	123.8
192	23.9	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 4.526 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY003068.D
 Acq: 01 Jul 2020 18:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.4	17.1	51.2#
77	0.4	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 5.697 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.10 min

Lab File: VY003068.D

Acq: 01 Jul 2020 18:59

Instrument :

MSVOA_Y

ClientSampleId :

PL-02-063020RE

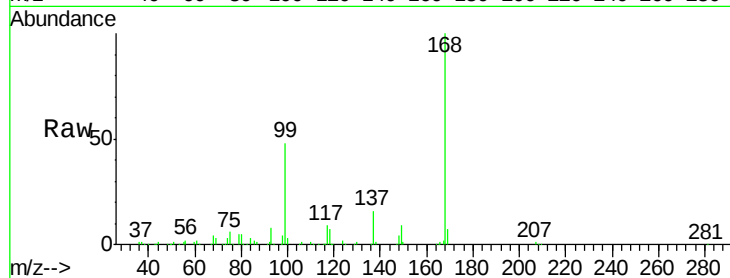
Tot Ion:117 Resp: 18089

Ion Ratio Lower Upper

117 100

119 7.5 75.7 113.5#

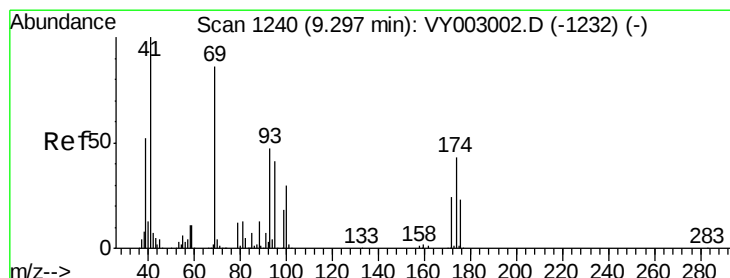
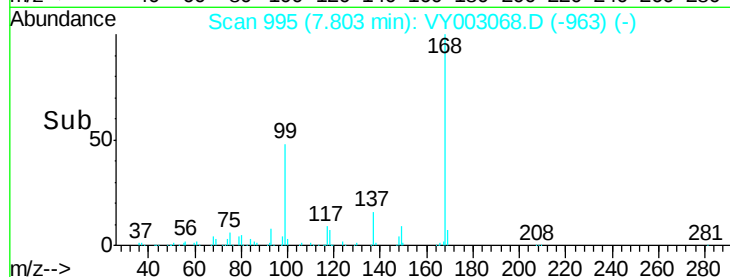
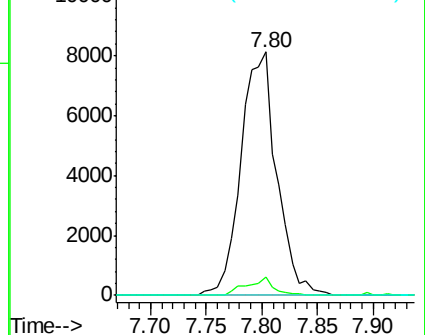
121 0.0 23.9 35.9#



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: 1.697 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.02 min

Lab File: VY003068.D

Acq: 01 Jul 2020 18:59

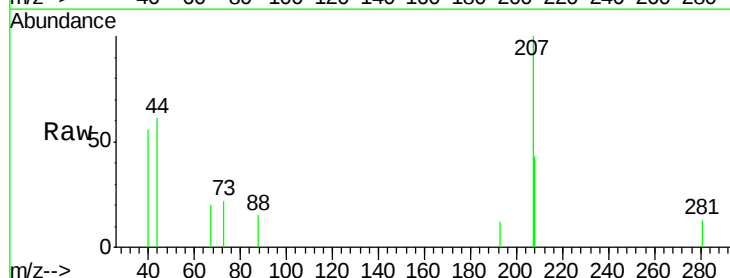
Tgt Ion: 88 Resp: 26

Ion Ratio Lower Upper

88 100

43 0.0 28.6 42.8#

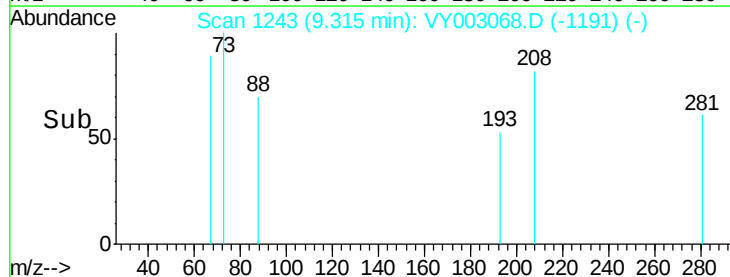
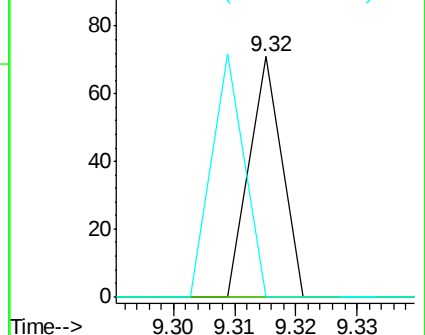
58 100.0 56.7 85.1#

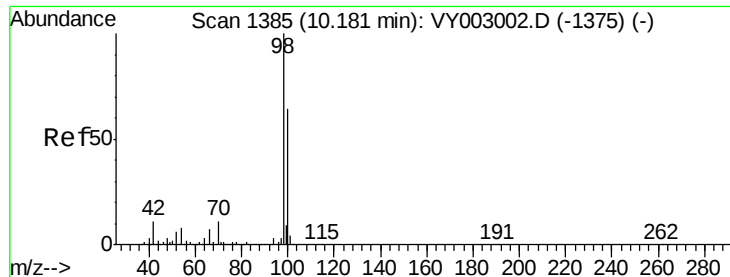


Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#50

Toluene-d8

Concen: 51.969 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003068.D

Acq: 01 Jul 2020 18:59

Instrument :

MSVOA_Y

ClientSampleId :

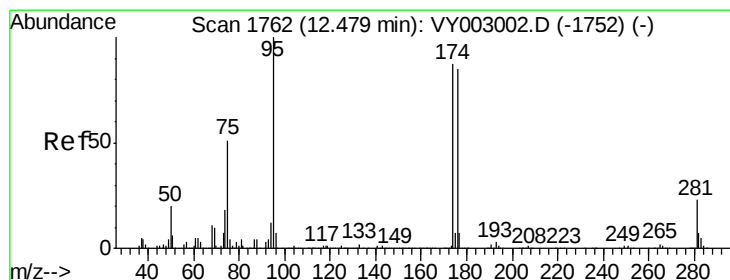
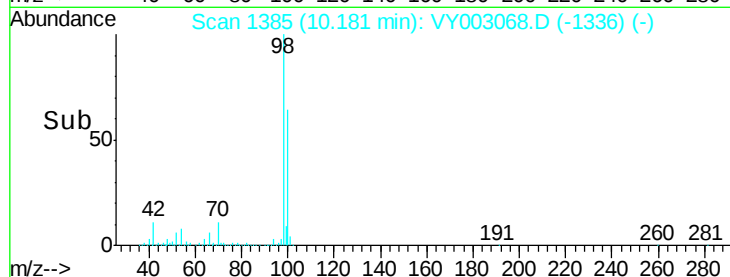
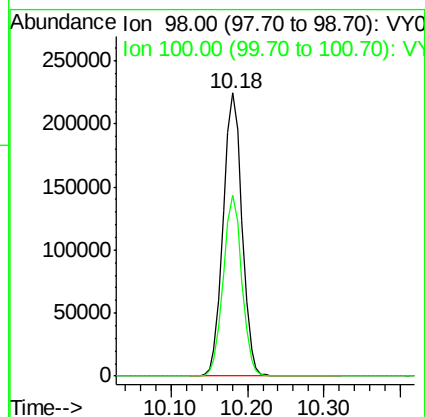
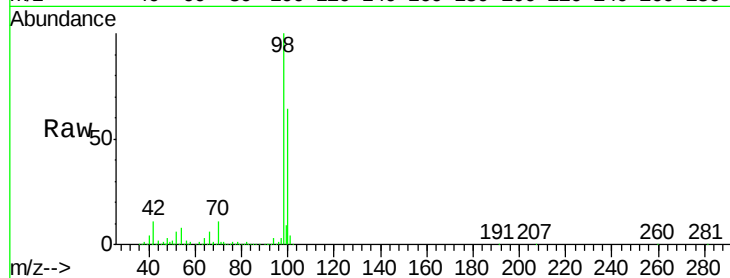
PL-02-063020RE

Tot Ion: 98 Resp: 382661

Ion Ratio Lower Upper

98 100

100 62.8 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 47.548 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003068.D

Acq: 01 Jul 2020 18:59

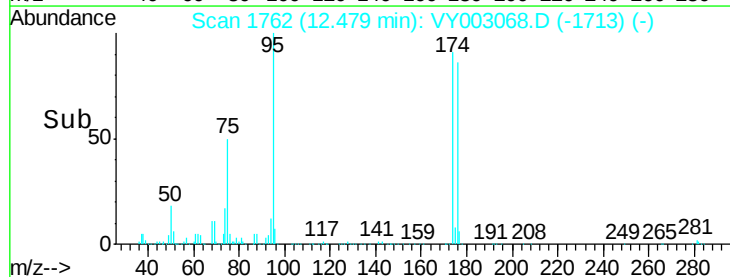
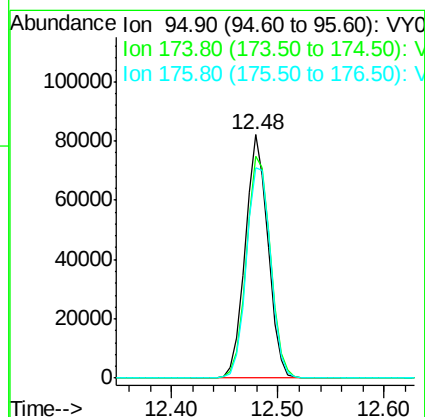
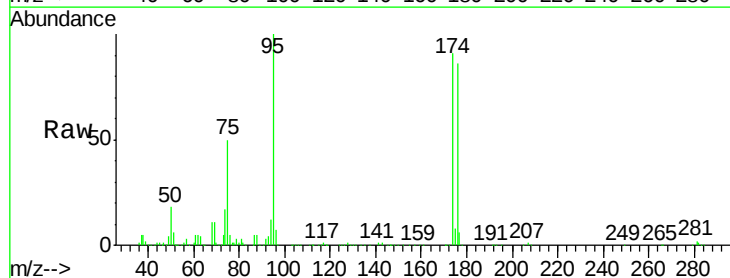
Tgt Ion: 95 Resp: 123239

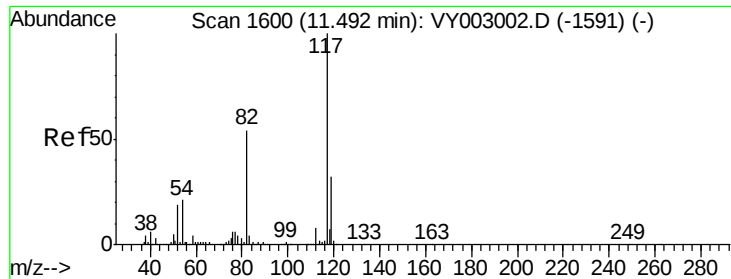
Ion Ratio Lower Upper

95 100

174 95.7 0.0 184.8

176 92.5 0.0 183.0

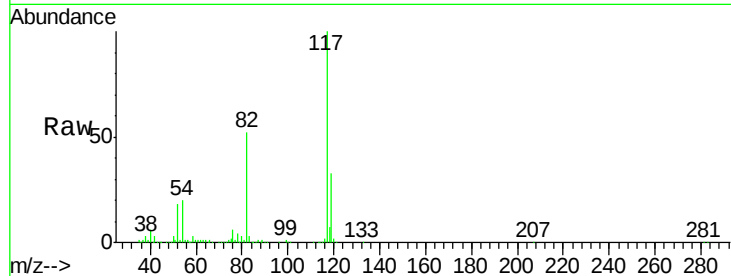




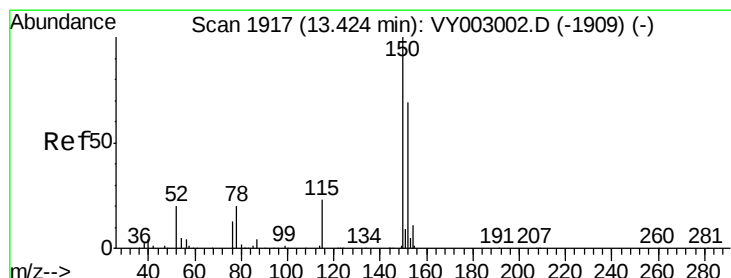
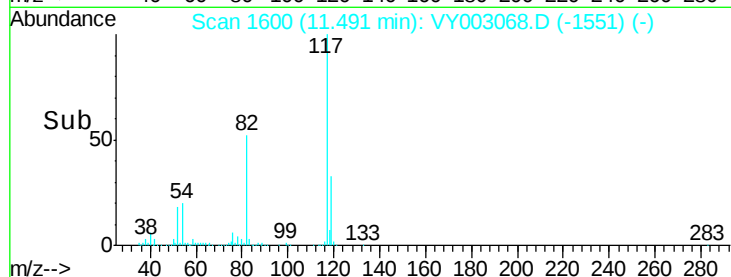
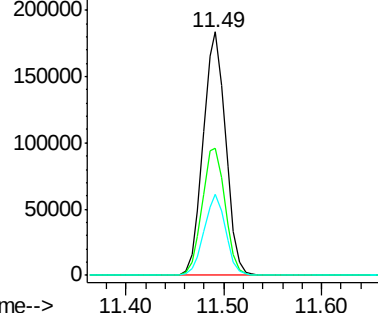
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003068.D
Acq: 01 Jul 2020 18:59

Instrument :
MSVOA_Y
ClientSampleId :
PL-02-063020RE

Tot Ion:117 Resp: 292404
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.6
119 33.0 25.8 38.8

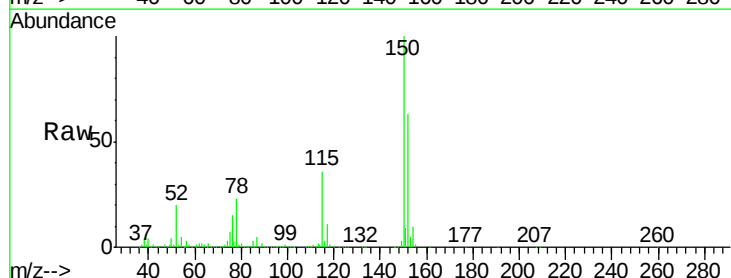


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

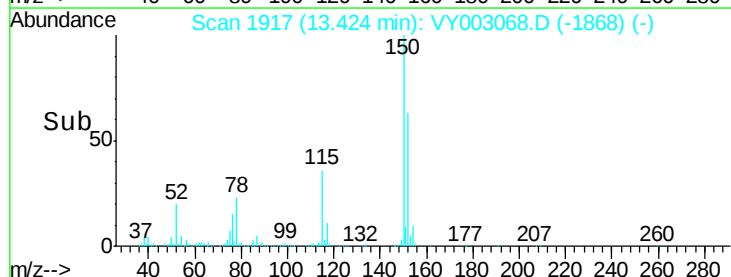
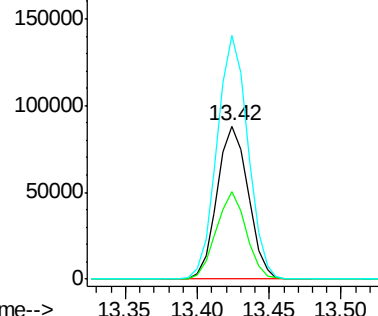


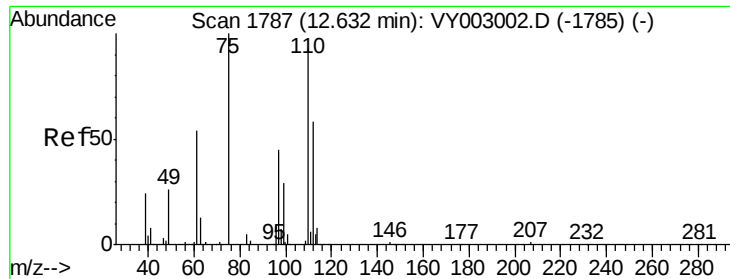
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003068.D
Acq: 01 Jul 2020 18:59

Tgt Ion:152 Resp: 132101
Ion Ratio Lower Upper
152 100
115 55.1 27.3 81.9
150 157.4 0.0 343.4



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

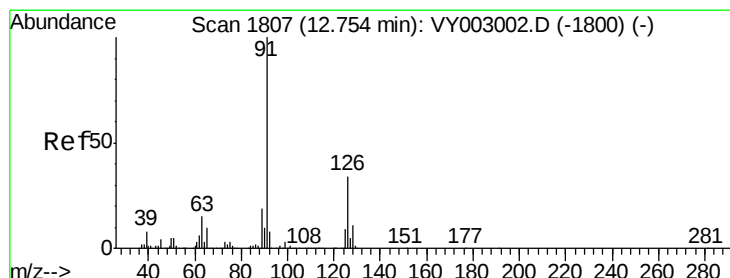
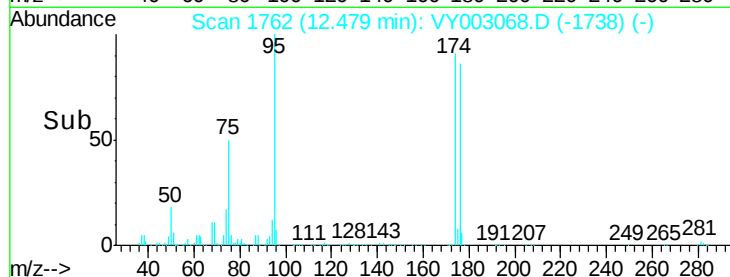
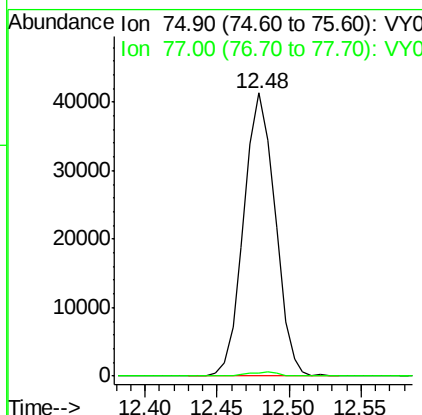
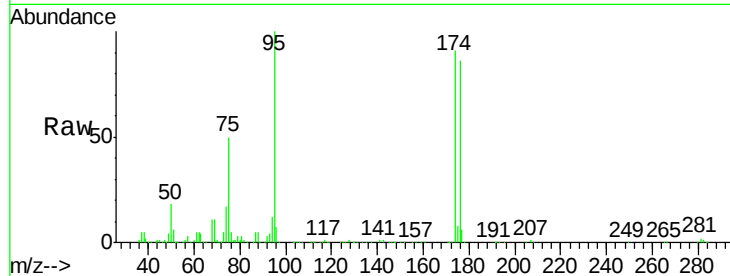




#76
 1,2,3-Trichloropropane
 Concen: 48.004 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY003068.D
 Acq: 01 Jul 2020 18:59

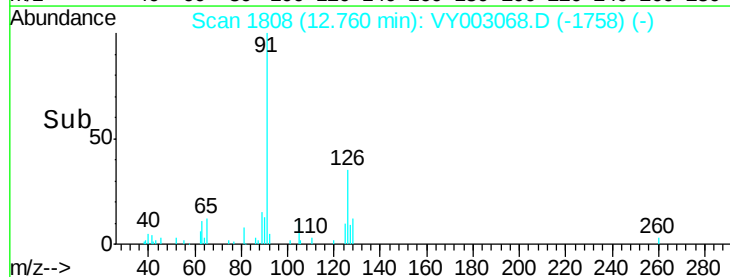
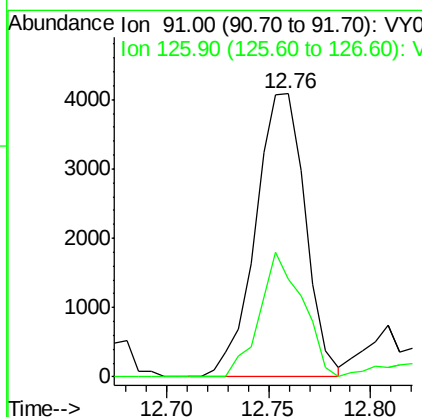
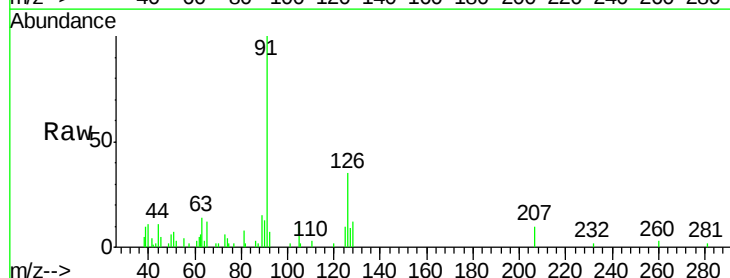
Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-02-063020RE

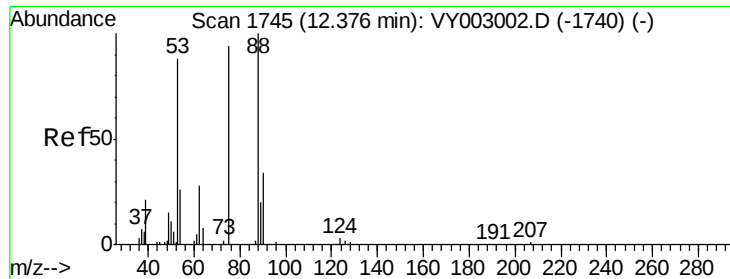
Tot Ion: 75 Resp: 62760
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#79
 2-Chlorotoluene
 Concen: 1.198 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VY003068.D
 Acq: 01 Jul 2020 18:59

Tgt Ion: 91 Resp: 6951
 Ion Ratio Lower Upper
 91 100
 126 37.9 17.1 51.3

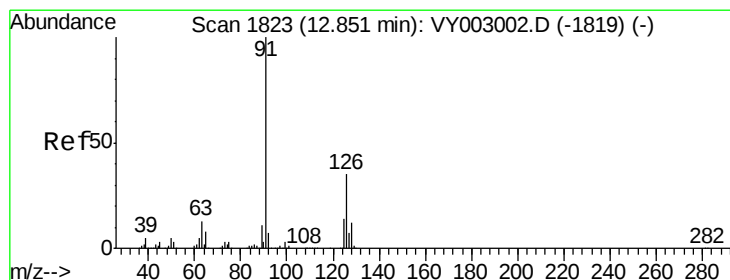
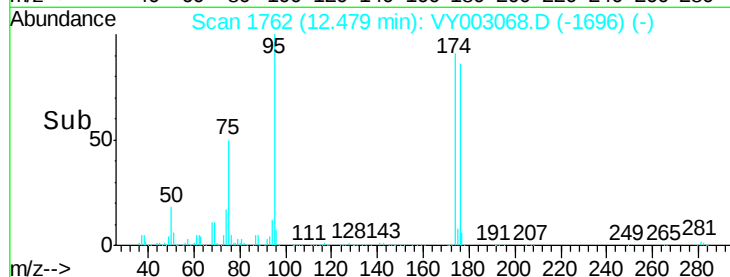
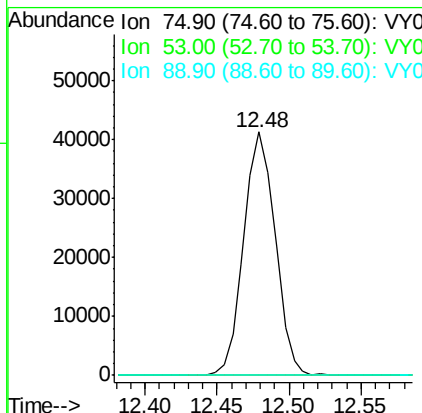
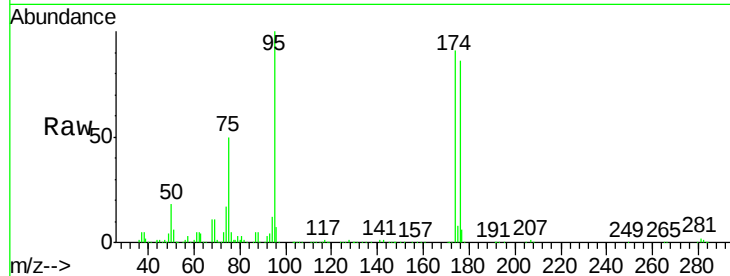




#81
trans-1,4-Dichloro-2-butene
Concen: 93.395 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY003068.D
Acq: 01 Jul 2020 18:59

Instrument :
MSVOA_Y
ClientSampleId :
PL-02-063020RE

Tot Ion: 75 Resp: 62760
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.2 37.5 56.3#



#82
4-Chlorotoluene
Concen: 2.190 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VY003068.D
Acq: 01 Jul 2020 18:59

Tgt Ion: 91 Resp: 13232
Ion Ratio Lower Upper
91 100
126 36.5 17.4 52.3

