

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070820\
 Data File : VY003138.D
 Acq On : 08 Jul 2020 16:11
 Operator : SY/MD
 Sample : L3217-04
 Misc : 5.04G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 E3-41-VATRE

Quant Time: Jul 09 02:33:00 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

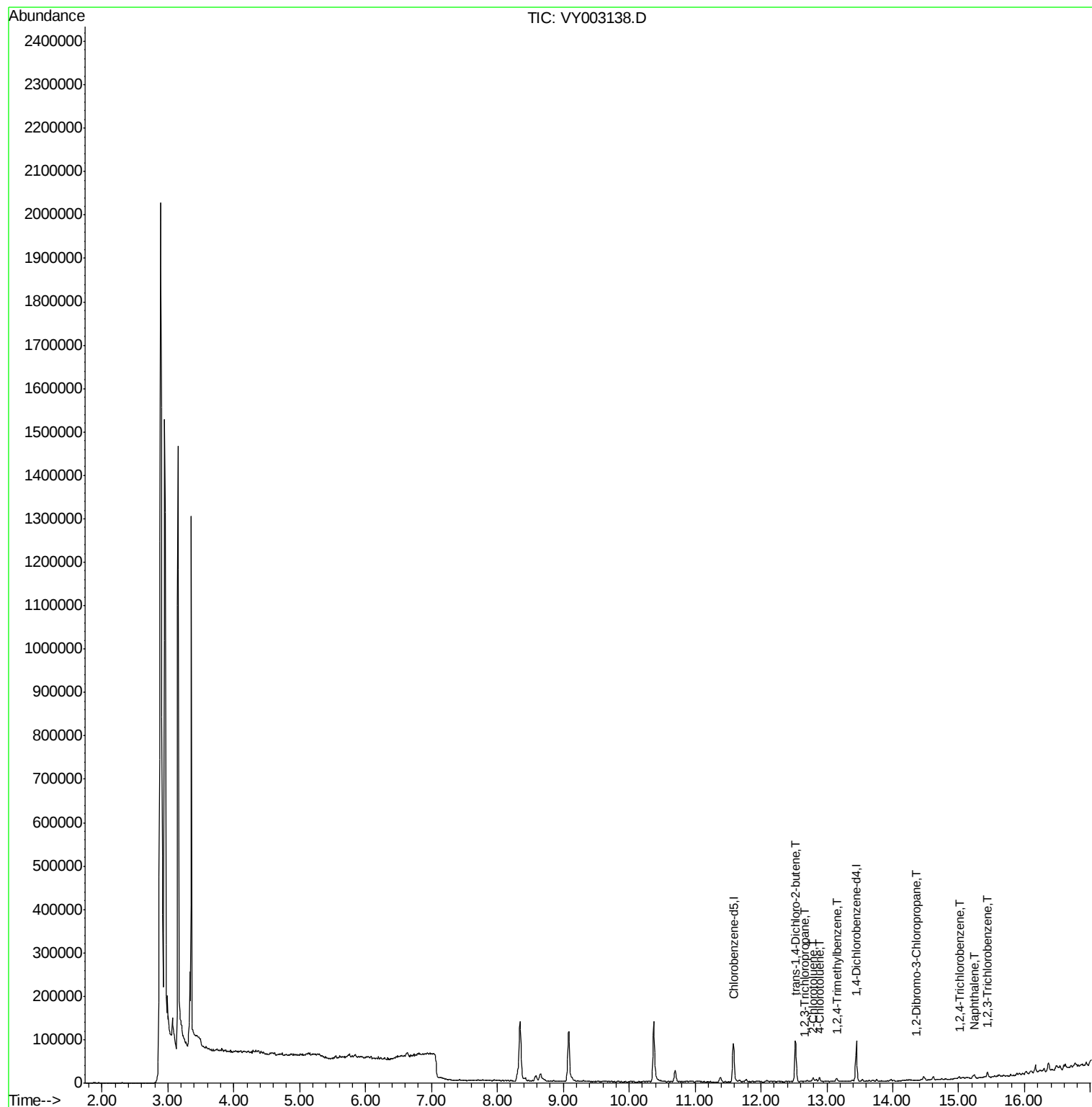
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-7.80
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-8.69
63) Chlorobenzene-d5	11.58	117	56448	50.00	ug/l	0.09
72) 1,4-Dichlorobenzene-d4	13.45	152	24260	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.22	65	74	0.00	ug/l	0.08
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	10.37	98	104233	0.00	ug/l	0.19
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	12.53	95	24467	0.00	ug/l	0.05
Spiked Amount	50.000		Recovery	=	0.00%	
Target Compounds						
					Qvalue	
76) 1,2,3-Trichloropropane	12.67	75	427	1.778	ug/l #	100
79) 2-Chlorotoluene	12.80	91	4515	4.236	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.52	75	13175	106.760	ug/l #	13
82) 4-Chlorotoluene	12.89	91	5529	4.983	ug/l	97
84) 1,2,4-Trimethylbenzene	13.14	105	3222	2.400	ug/l	83
92) 1,2-Dibromo-3-Chloropropan	14.36	75	59	1.040	ug/l #	37
93) 1,2,4-Trichlorobenzene	15.01	180	1457	2.875	ug/l	90
95) Naphthalene	15.24	128	5207	5.626	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.44	180	1358	3.086	ug/l #	82

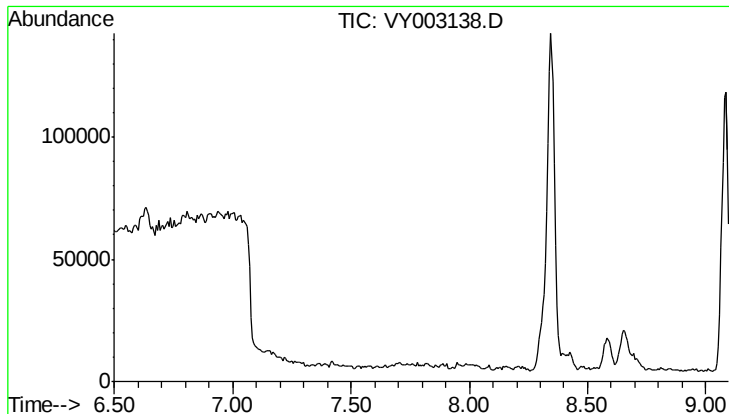
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 7.80 min

Lab File: VY003138.D

Acq: 08 Jul 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

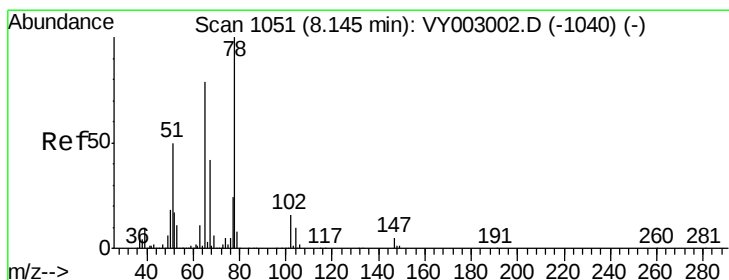
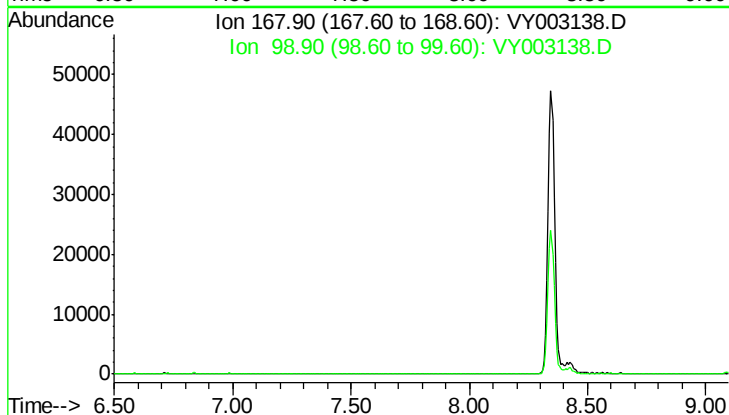
E3-41-VATRE

Tot Ion: 168

Sig Exp Ratio

168 100

99 49.0



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

RT: 8.22 min Scan# 1064

Delta R.T. 0.08 min

Lab File: VY003138.D

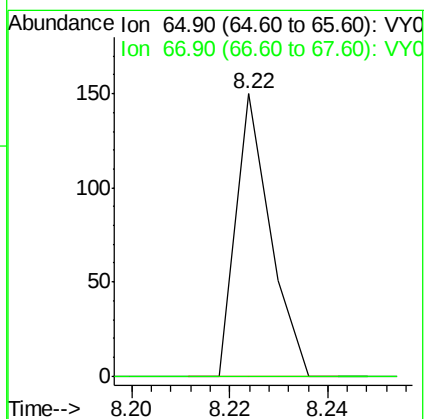
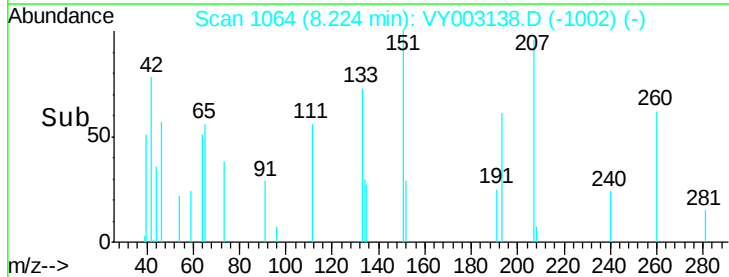
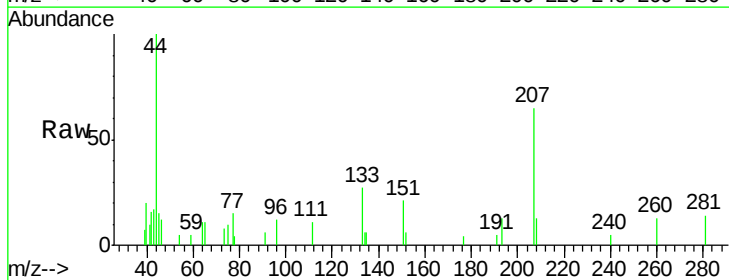
Acq: 08 Jul 2020 16:11

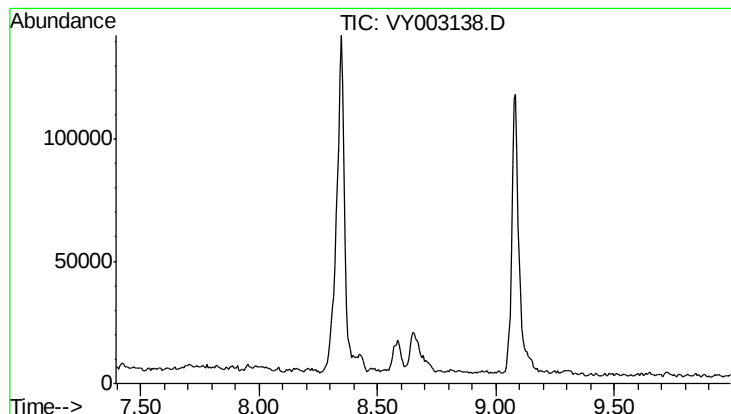
Tgt Ion: 65 Resp: 74

Ion Ratio Lower Upper

65 100

67 0.0 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 0.000 ug/l

Expected RT: 8.69 min

Lab File: VY003138.D

Acq: 08 Jul 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

E3-41-VATRE

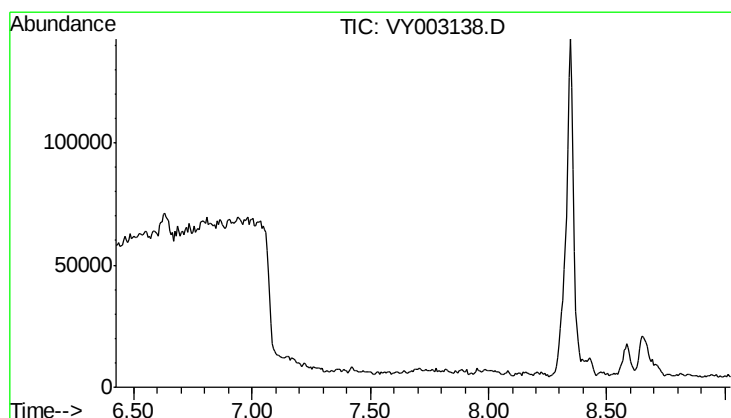
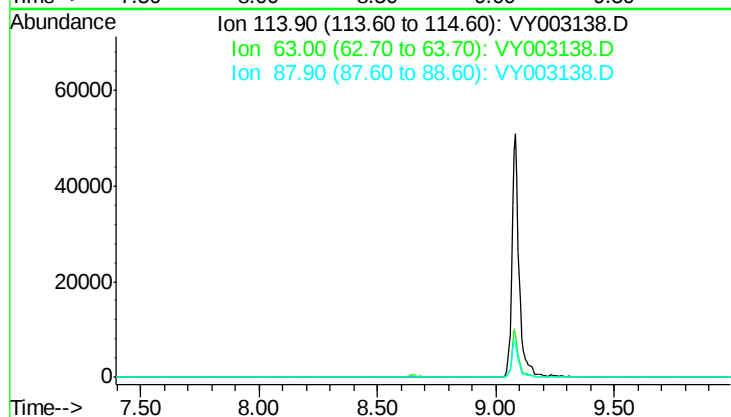
Tot Ion: 114

Sig Exp Ratio

114 100

63 20.3

88 15.0



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 7.72 min

Lab File: VY003138.D

Acq: 08 Jul 2020 16:11

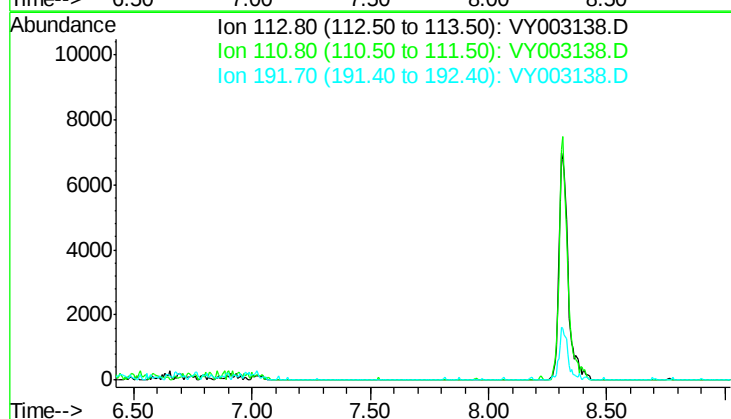
Tgt Ion: 113

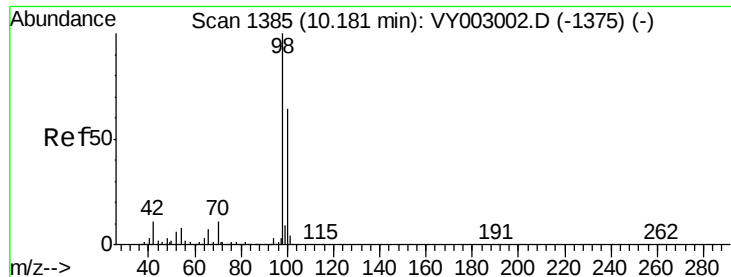
Sig Exp Ratio

113 100

111 103.2

192 22.6





#50

Toluene-d8

Concen: 0.000 ug/l

RT: 10.37 min Scan# 1416

Delta R.T. 0.19 min

Lab File: VY003138.D

Acq: 08 Jul 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

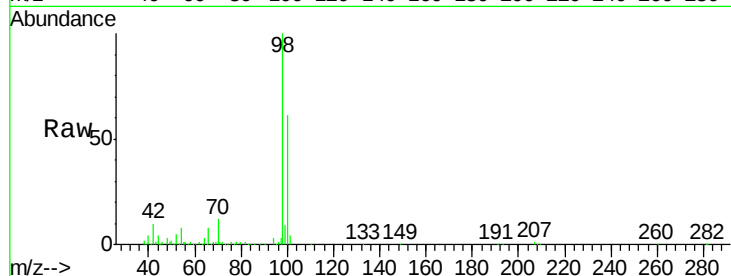
E3-41-VATRE

Tot Ion: 98 Resp: 104233

Ion Ratio Lower Upper

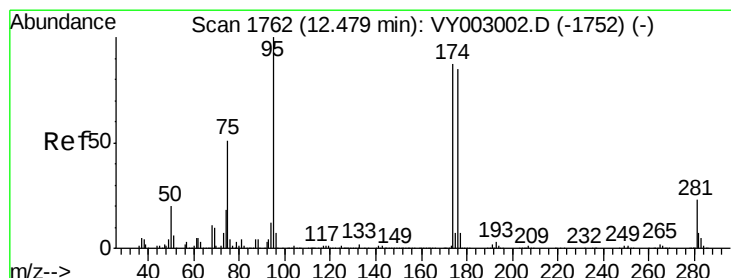
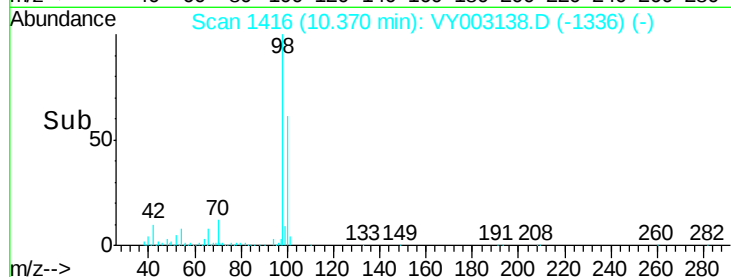
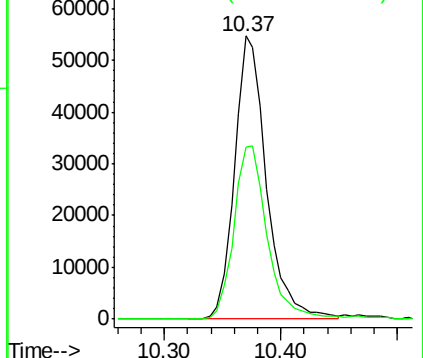
98 100

100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

RT: 12.53 min Scan# 1770

Delta R.T. 0.05 min

Lab File: VY003138.D

Acq: 08 Jul 2020 16:11

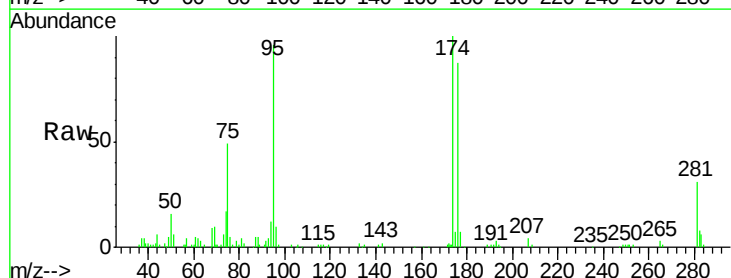
Tgt Ion: 95 Resp: 24467

Ion Ratio Lower Upper

95 100

174 96.9 0.0 184.8

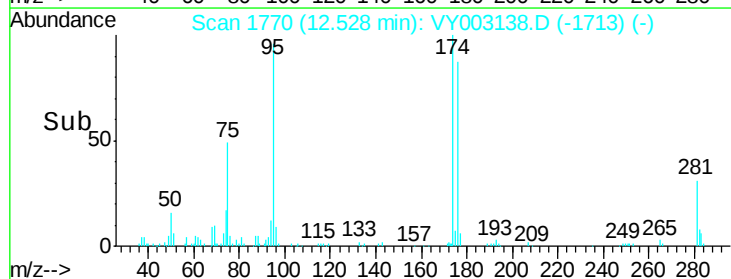
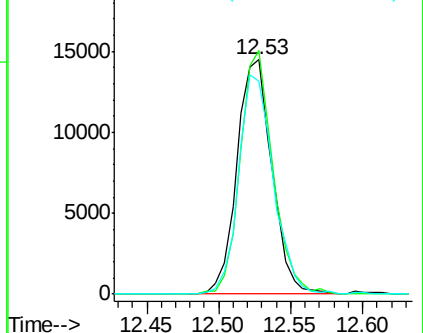
176 92.7 0.0 183.0

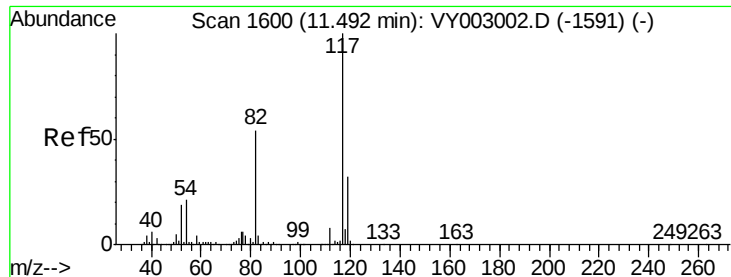


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

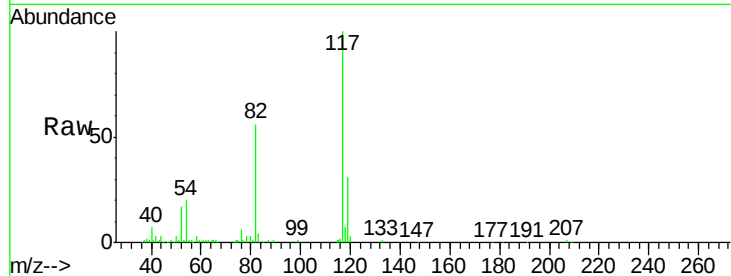




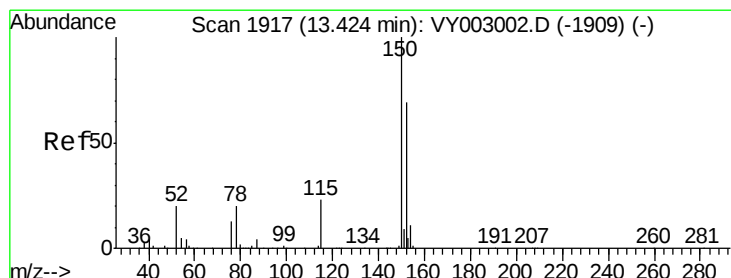
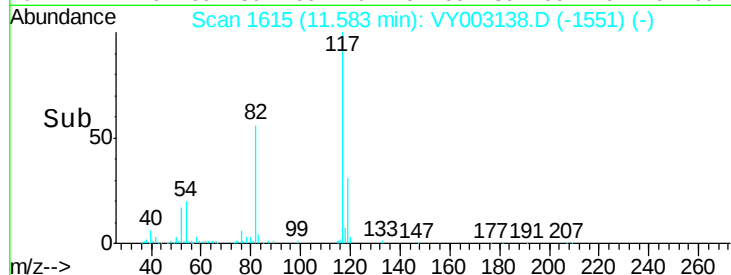
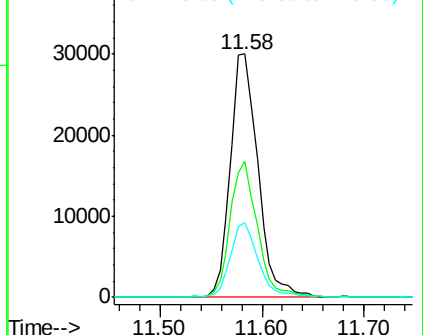
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.58 min Scan# 1615
Delta R.T. 0.09 min
Lab File: VY003138.D
Acq: 08 Jul 2020 16:11

Instrument :
MSVOA_Y
ClientSampleId :
E3-41-VATRE

Tot Ion:117 Resp: 56448
Ion Ratio Lower Upper
117 100
82 55.7 43.0 64.6
119 30.6 25.8 38.8

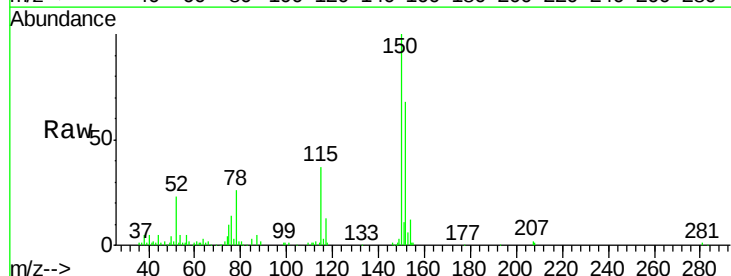


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

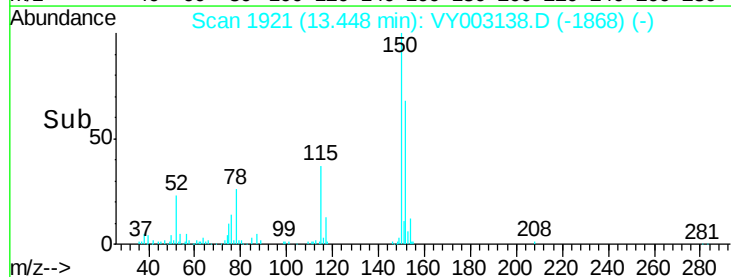
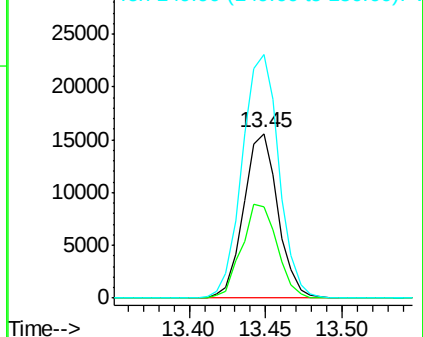


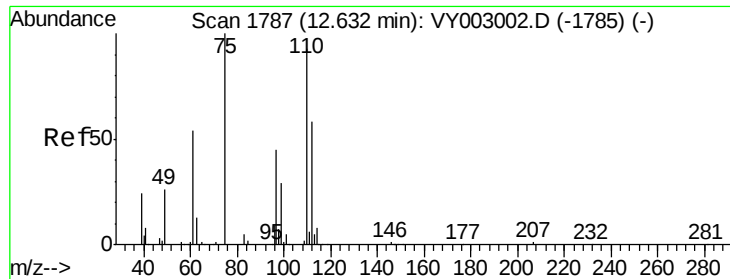
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.45 min Scan# 1921
Delta R.T. 0.02 min
Lab File: VY003138.D
Acq: 08 Jul 2020 16:11

Tgt Ion:152 Resp: 24260
Ion Ratio Lower Upper
152 100
115 58.7 27.3 81.9
150 158.4 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

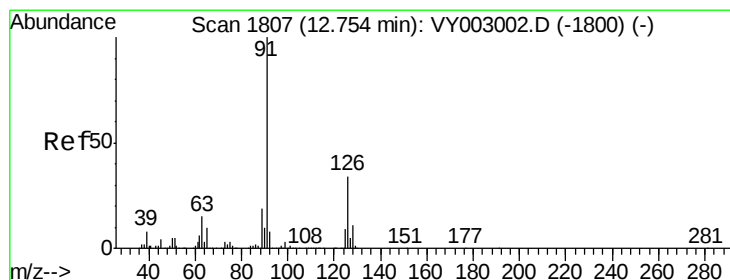
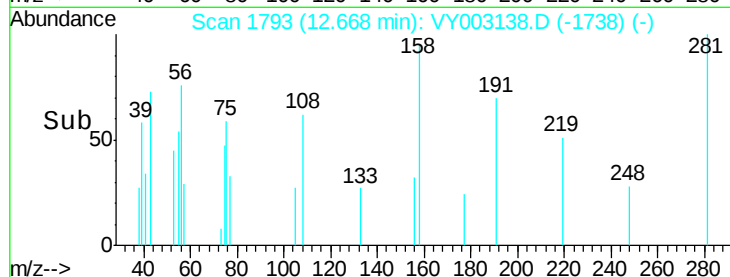
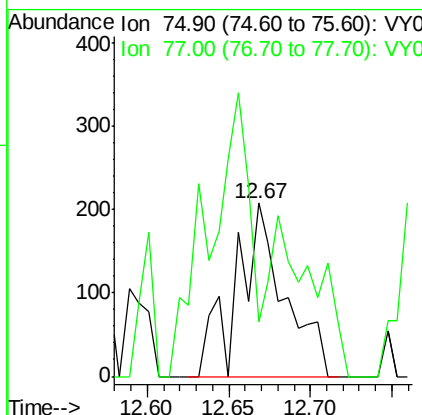
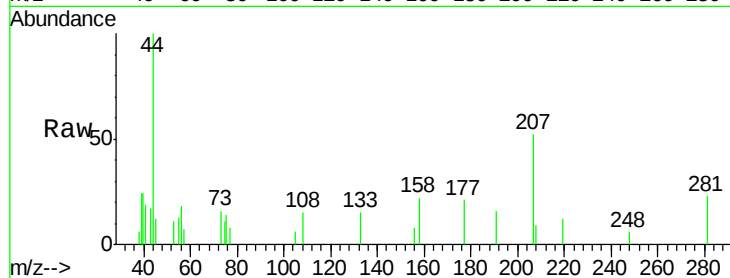




#76
 1,2,3-Trichloropropane
 Concen: 1.778 ug/l
 RT: 12.67 min Scan# 1793
 Delta R.T. 0.04 min
 Lab File: VY003138.D
 Acq: 08 Jul 2020 16:11

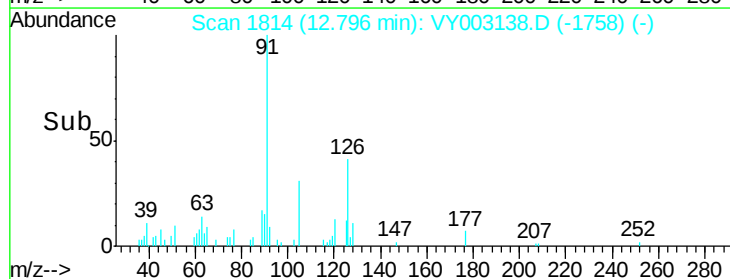
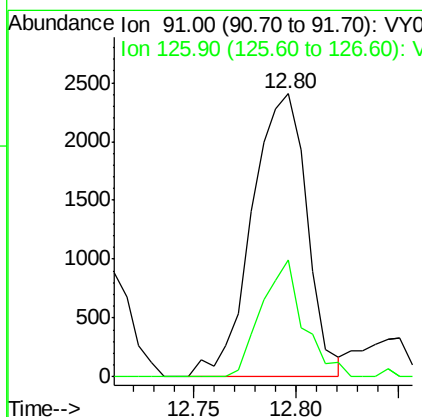
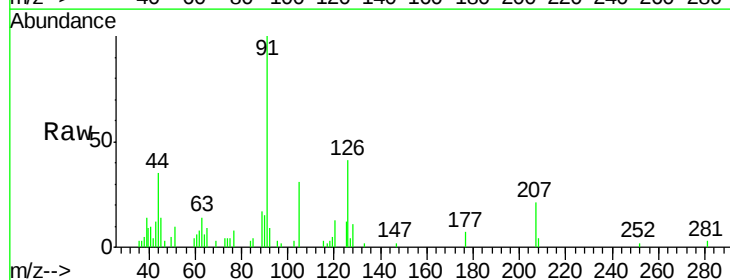
Instrument :
 MSVOA_Y
 ClientSampleId :
 E3-41-VATRE

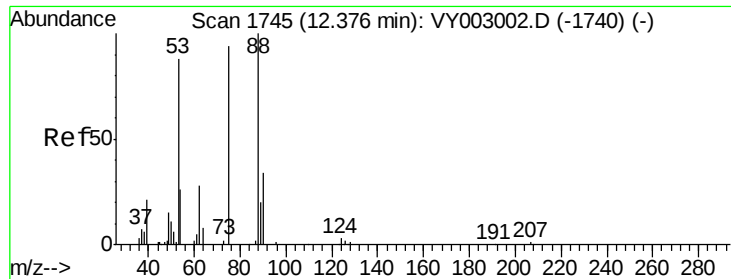
Tot Ion: 75 Resp: 427
 Ion Ratio Lower Upper
 75 100
 77 138.2 0.0 0.0#



#79
 2-Chlorotoluene
 Concen: 4.236 ug/l
 RT: 12.80 min Scan# 1814
 Delta R.T. 0.04 min
 Lab File: VY003138.D
 Acq: 08 Jul 2020 16:11

Tgt Ion: 91 Resp: 4515
 Ion Ratio Lower Upper
 91 100
 126 31.6 17.1 51.3





#81

trans-1,4-Dichloro-2-butene

Concen: 106.760 ug/l

RT: 12.52 min Scan# 1769

Delta R.T. 0.15 min

Lab File: VY003138.D

Acq: 08 Jul 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

E3-41-VATRE

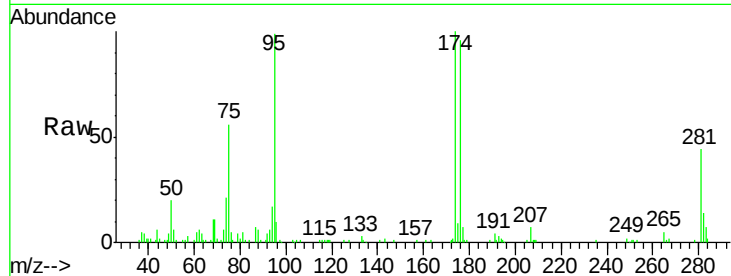
Tot Ion: 75 Resp: 13175

Ion Ratio Lower Upper

75 100

53 0.2 73.9 110.9#

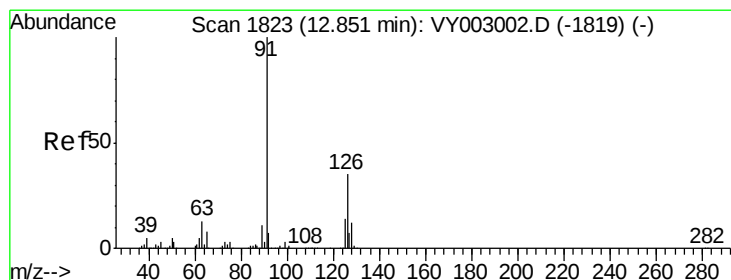
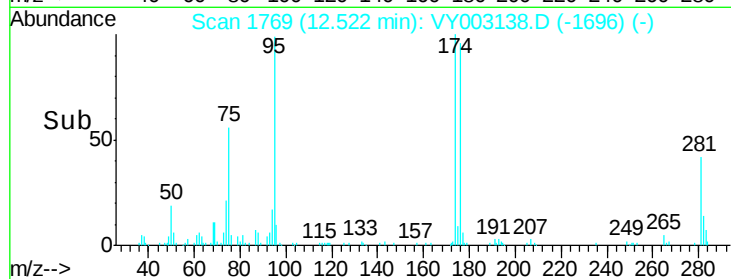
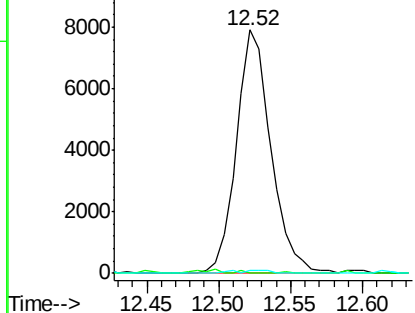
89 0.4 37.5 56.3#



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



#82

4-Chlorotoluene

Concen: 4.983 ug/l

RT: 12.89 min Scan# 1830

Delta R.T. 0.04 min

Lab File: VY003138.D

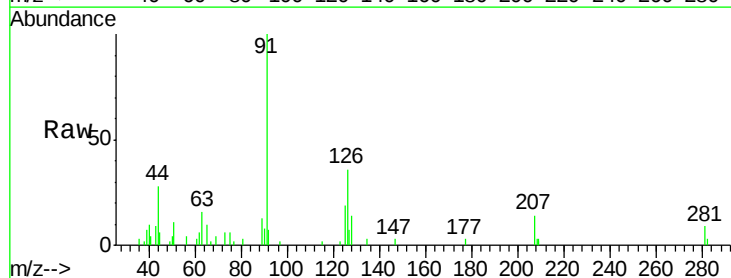
Acq: 08 Jul 2020 16:11

Tgt Ion: 91 Resp: 5529

Ion Ratio Lower Upper

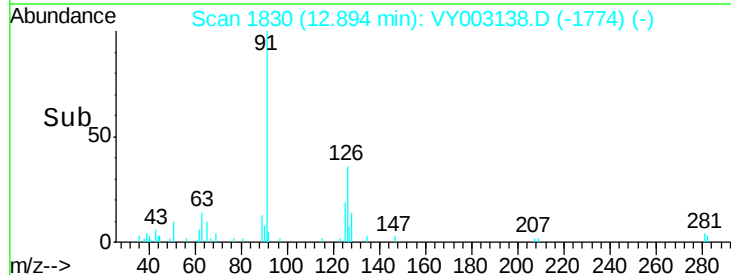
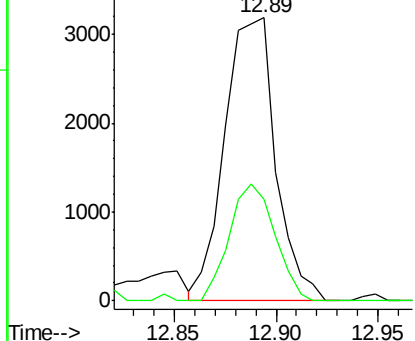
91 100

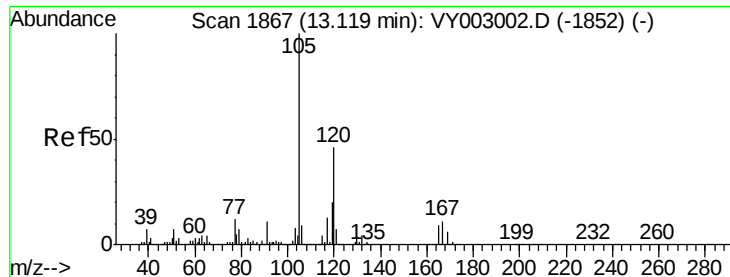
126 36.9 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

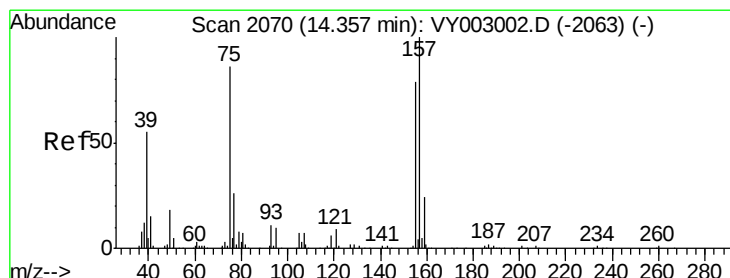
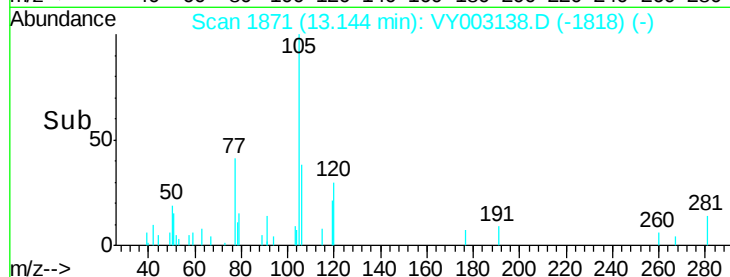
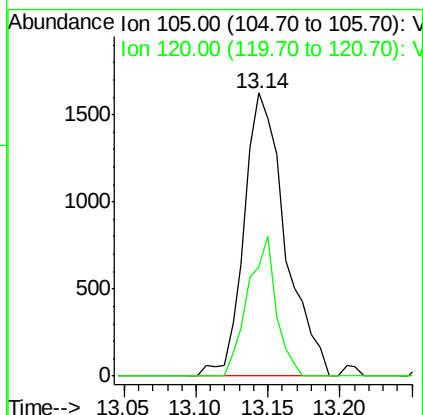
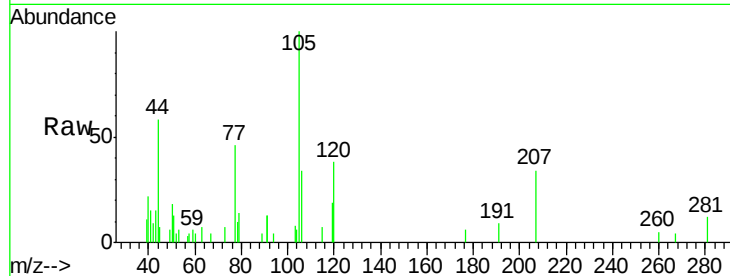




#84
 1,2,4-Trimethylbenzene
 Concen: 2.400 ug/l
 RT: 13.14 min Scan# 1871
 Delta R.T. 0.02 min
 Lab File: VY003138.D
 Acq: 08 Jul 2020 16:11

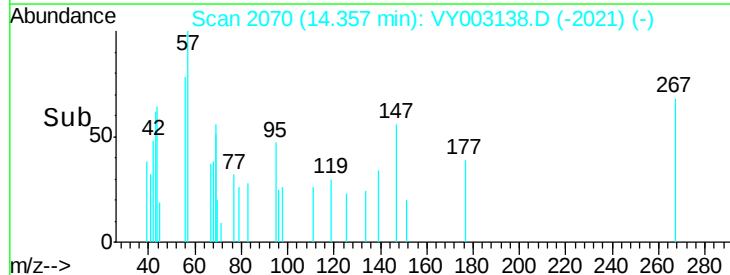
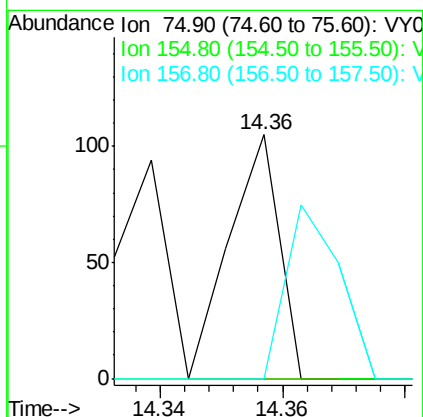
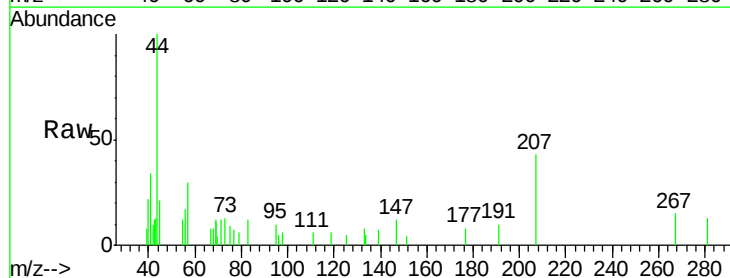
Instrument :
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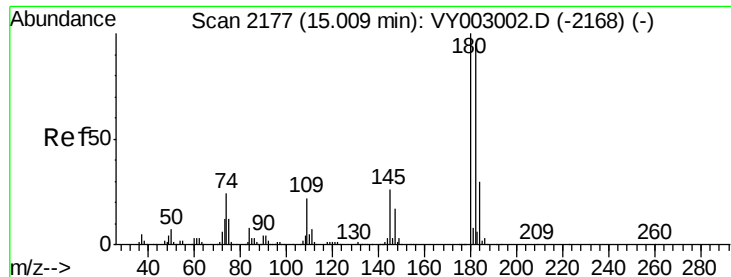
Tot Ion:105 Resp: 3222
 Ion Ratio Lower Upper
 105 100
 120 33.7 22.6 67.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.040 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003138.D
 Acq: 08 Jul 2020 16:11

Tgt Ion: 75 Resp: 59
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.5 139.3#
 157 78.0 59.2 177.5

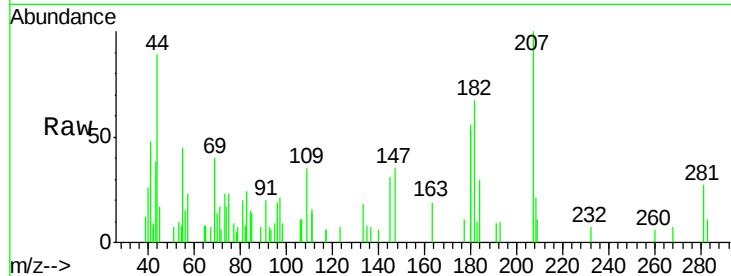




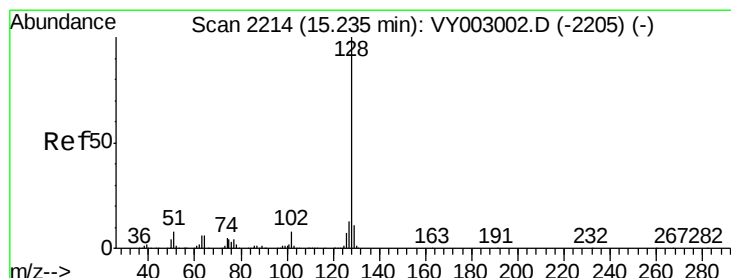
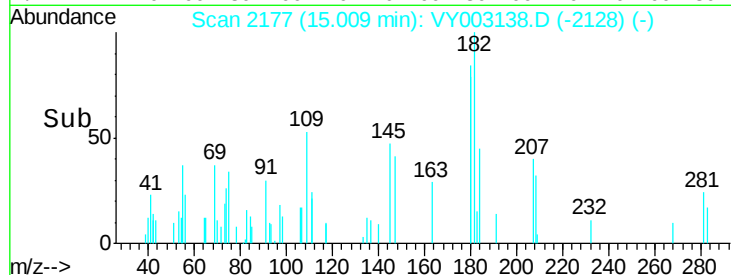
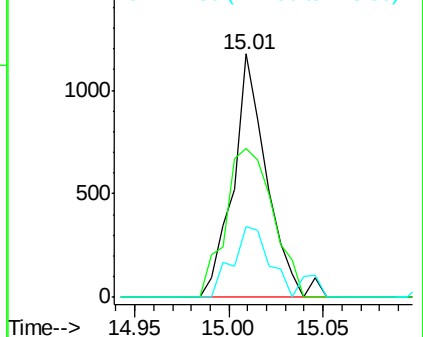
#93
 1,2,4-Trichlorobenzene
 Concen: 2.875 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003138.D
 Acq: 08 Jul 2020 16:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 E3-41-VATRE

Tot Ion:180 Resp: 1457
 Ion Ratio Lower Upper
 180 100
 182 86.3 48.1 144.3
 145 32.0 13.9 41.6

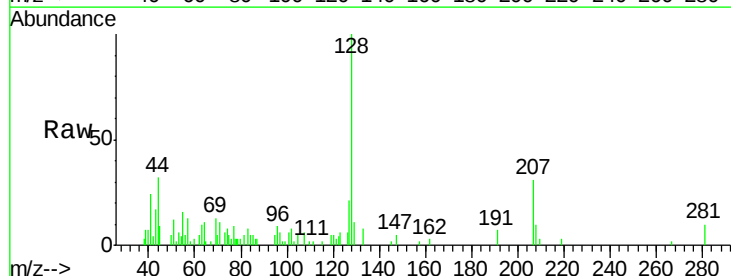


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

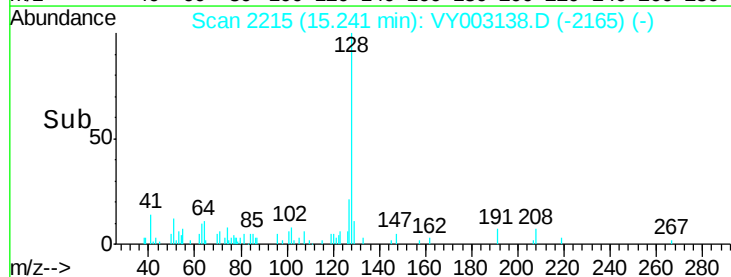
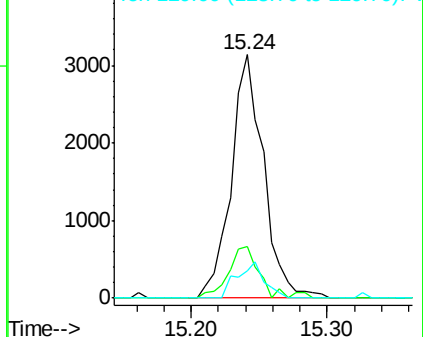


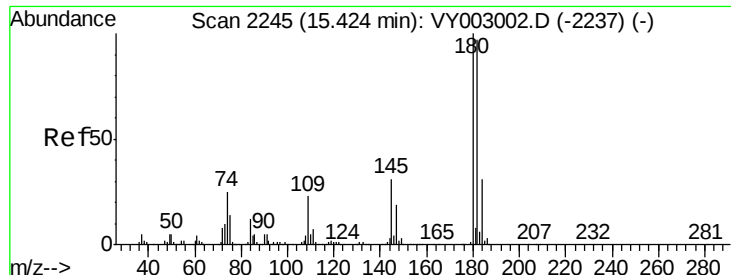
#95
 Naphthalene
 Concen: 5.626 ug/l
 RT: 15.24 min Scan# 2215
 Delta R.T. 0.01 min
 Lab File: VY003138.D
 Acq: 08 Jul 2020 16:11

Tgt Ion:128 Resp: 5207
 Ion Ratio Lower Upper
 128 100
 127 20.3 10.8 16.2#
 129 12.4 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 3.086 ug/l
 RT: 15.44 min Scan# 2248
 Delta R.T. 0.02 min
 Lab File: VY003138.D
 Acq: 08 Jul 2020 16:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 E3-41-VATRE

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.8	143.3
145	70.6	14.7	44.1

